

**RATE DESIGN**

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**1. INTRODUCTION**

This Exhibit presents the proposed rate design methodology for collecting the 2018 to 2022 revenue requirement and the proposed rates for the 2018 rate year. As discussed in Exhibit G1, Tab 3, Schedule 1, Hydro One has populated two cost allocation models for test years 2018 and 2021. The revenue requirement allocated to each rate class in 2018 and 2021 is established by the Cost Allocation Model (“CAM”). For rate years 2019, 2020 and 2022, the revenue requirement allocated to each rate class is based on the overall Hydro One year-over-year change in revenue requirement and load forecast in a given test year, as detailed later in this Exhibit.

The estimated rates over the Custom IR period are calculated based on the rate class revenue requirement after adjustments to the R/C ratios as described in Section 2.0 of this schedule. Calculation details are provided in Exhibit H1, Tab 1, Schedule 2 and Schedule 3.

The distribution rates for each rate class over the Custom IR period are summarized in Table 1. The calculated rates for 2019 through 2022 are shown for illustrative purposes and are calculated consistent with the assumptions outlined in Exhibit A, Tab 3, Schedule 2. Final rates for those rate years will be approved by the OEB in subsequent rate applications and are dependent on changes to parameters such as the OEB’s inflation adjustment factor, which is updated annually. Further details can be found in Exhibit A, Tab 3, Schedule 2.

1 **Table 1: Distribution Rates over the 5-year Custom IR Period**

Rate Class*	2018			2019			2020			2021			2022		
	Service Charge (\$/month)	Volumetric Charge (\$/kWh)	Volumetric Charge (\$/kW)	Service Charge (\$/month)	Volumetric Charge (\$/kWh)	Volumetric Charge (\$/kW)	Service Charge (\$/month)	Volumetric Charge (\$/kWh)	Volumetric Charge (\$/kW)	Service Charge (\$/month)	Volumetric Charge (\$/kWh)	Volumetric Charge (\$/kW)	Service Charge (\$/month)	Volumetric Charge (\$/kWh)	Volumetric Charge (\$/kW)
UR	27.76	0.0079		31.30	0.0047		35.88	0.0000		36.72	0.0000		37.47	0.0000	
R1	37.83	0.0220		42.25	0.0194		47.11	0.0160		52.36	0.0116		58.34	0.0066	
R2	88.70	0.0363		97.81	0.0322		107.83	0.0268		118.91	0.0200		131.78	0.0117	
Seasonal	40.57	0.0608		45.14	0.0530		50.12	0.0439		55.40	0.0315		61.50	0.0184	
GSe	29.68	0.0591		30.26	0.0614		30.91	0.0634		31.41	0.0652		32.00	0.0671	
UGe	23.97	0.0280		24.52	0.0290		25.11	0.0300		25.60	0.0308		26.15	0.0317	
GSd	102.93		16.8368	104.42		17.4253	106.28		17.9461	107.62		18.4441	109.34		18.9417
UGd	101.13		9.6614	102.94		10.0015	105.10		10.3011	106.70		10.5957	108.63		10.8827
St Lgt	4.08	0.0980		4.21	0.1013		4.33	0.1044		4.77	0.1070		4.89	0.1098	
Sen Lgt	3.10	0.1180		3.26	0.1239		3.45	0.1312		3.60	0.1338		3.76	0.1401	
USL	35.10	0.0287		35.76	0.0293		36.88	0.0300		37.50	0.0304		38.49	0.0311	
DGen	198.03		6.1229	198.03		9.6596	198.03		10.4433	198.03		11.1908	198.03		11.9780
AUR	N/A	N/A		N/A	N/A		N/A	N/A		30.76	0.0000		31.60	0.0000	
AUGe	N/A	N/A		N/A	N/A		N/A	N/A		30.24	0.0174		35.68	0.0206	
AUGd	N/A		N/A	N/A		N/A	N/A		N/A	209.83		3.9469	282.77		5.2811
AR	N/A	N/A		N/A	N/A		N/A	N/A		40.08	0.0000		41.17	0.0000	
AGSe	N/A	N/A		N/A	N/A		N/A	N/A		40.82	0.0187		42.92	0.0199	
AGSd	N/A		N/A	N/A		N/A	N/A		N/A	208.51		5.2229	252.30		6.4066

2 \*ST rates are listed in Table 11.  
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5 The 2018 proposed rate schedules reflecting the rates shown in Table 1 are provided in  
 6 Exhibit H1, Tab 2, Schedule 1. The currently approved rate schedules for Hydro One and  
 7 the Acquired Utilities are provided in Exhibit H1, Tab 2, Schedule 2. The rate schedules  
 8 for 2019 to 2022 will be determined as part of the annual process for setting rates, taking  
 9 into account any changes as a result of the annual adjustments discussed in Section 2 of  
 10 this Exhibit and Exhibit A, Tab 3, Schedule 2.

11  
 12 **2. RATE DESIGN PROCESS**  
 13

14 Generally accepted ratemaking principles guided Hydro One's development of rates for  
 15 this application. Those principles are best summarized by James Bonbright's, *Principles*  
 16 *of Public Utility Rates*. The OEB Staff's March 31, 2008, discussion paper *Rate Design*  
 17 *for Recovery of Electricity Distribution Costs* (EB-2007-0031), cited these principles and  
 18 summarized them as:

Witness: Henry Andre

- 1) Full Cost Recovery – the level and design of rates should be sufficient to provide distributors with a reasonable opportunity to recover its revenue requirement, and for rates to be effective they should be practical, clear and uncontroversial;
- 2) Fairness – customers should, in general, pay rates for distribution service that reflects the costs they “cause” as determined by a Board-approved cost allocation study; and
- 3) Efficiency – rates should encourage customers to maximize use of existing distribution assets, and encourage existing and new customers to use the system in ways that lead to rational growth.

## **2.1 REVENUE REQUIREMENT BY RATE CLASS**

As discussed in Exhibit G1, Tab 3, Schedule 1, Hydro One has populated two cost allocation models for rate years 2018 and 2021. As such, the 2018 and 2021 revenue requirement by rate class is determined by the CAMs.

For rate years, 2019, 2020 and 2022, a revenue cap approach is used to allocate the year-over-year change in total revenue requirement to individual rate classes, as described below.

### 2019 Revenue Requirement by Rate Class

The 2019 revenue requirement by rate class, as shown in Table 2, was derived as follows:

1. The overall prior year’s (2018) revenue requirement is used as a starting point (column 1);

- 1           2. The overall revenue requirement for the current year (2019) is determined using  
2           the revenue cap approach to increase the prior year's overall revenue requirement  
3           (i.e.  $\$1,504,746,361 \times 1.0318 = \$1,552,626,406^1$ );
- 4           3. Using a similar approach as in the Board's CAM, column 2 determines the  
5           revenue at current rates by applying the prior year's rates (2018) to the current  
6           year's (2019) charge determinants and adding the current year's miscellaneous  
7           revenue for each rate class; and
- 8           4. The multiplier required to collected the current year's (2019) approved overall  
9           revenue requirement is established (i.e.  $\$1,552,626,406 / \$1,502,421,360 =$   
10          1.0334) and applied uniformly to column 2 to determine the current year's (2019)  
11          revenue requirement by rate class as shown in column 3.

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<sup>1</sup> Differences due to rounding.

Witness: Henry Andre

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**Table 2: Revenue Requirement by Rate Class in 2019**

	(column 1)	(column 2)	(column 3 = Column 2 x1.0334
Rate Class	2018 Revenue Requirement	Revenue - with 2018 rates and 2019 charge determinants	2019 Revenue Requirement
UR	\$ 96,412,357	\$ 97,362,112	\$ 100,615,573
R1	\$ 324,413,878	\$ 326,154,186	\$ 337,052,983
R2	\$ 530,937,907	\$ 530,640,289	\$ 548,372,212
Seasonal	\$ 114,381,769	\$ 113,835,562	\$ 117,639,501
GSe	\$ 160,939,540	\$ 158,604,594	\$ 163,904,539
GSd	\$ 143,944,127	\$ 142,594,662	\$ 147,359,617
UGe	\$ 22,789,363	\$ 22,652,082	\$ 23,409,026
UGd	\$ 29,911,671	\$ 29,597,050	\$ 30,586,067
St Lgt	\$ 12,540,668	\$ 12,600,360	\$ 13,021,415
Sen Lgt	\$ 6,843,174	\$ 6,848,929	\$ 7,077,794
USL	\$ 3,184,708	\$ 3,204,764	\$ 3,311,855
DGen	\$ 4,029,099	\$ 4,354,005	\$ 4,499,499
ST	\$ 54,418,099	\$ 53,972,765	\$ 55,776,324
TOTAL	\$ 1,504,746,361	\$ 1,502,421,360	\$ 1,552,626,406
2019 Revenue Requirement	\$ 1,552,626,406		
Multiplier to bring column 2 total to 2019 Revenue Requirement	1.0334		

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3 *Calculations are set out in Exhibit H1-01-02.*

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5 The same approach described for 2019 is used to determine the 2020 and 2022 revenue  
 6 requirement by rate class, as shown in Tables 3 and 4, respectively.

Witness: Henry Andre

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**Table 3: Revenue Requirement by Rate Class in 2020**

	(column 1)	(column 2)	(column 3 = Column 2 x 1.0288)
Rate Class	2019 Revenue Requirement	Revenue - with 2019 rates and 2020 charge	2020 Revenue Requirement
UR	\$ 100,615,573	\$ 101,751,736	\$ 104,687,129
R1	\$ 337,052,983	\$ 339,786,860	\$ 349,589,229
R2	\$ 548,372,212	\$ 549,722,196	\$ 565,580,901
Seasonal	\$ 117,221,930	\$ 117,059,657	\$ 120,436,661
GSe	\$ 163,904,539	\$ 162,591,237	\$ 167,281,763
GSd	\$ 147,359,617	\$ 147,173,080	\$ 151,418,814
UGe	\$ 23,409,026	\$ 23,413,102	\$ 24,088,537
UGd	\$ 30,586,067	\$ 30,499,427	\$ 31,379,292
St Lgt	\$ 13,021,415	\$ 13,101,031	\$ 13,478,977
Sen Lgt	\$ 7,013,093	\$ 7,010,880	\$ 7,213,134
USL	\$ 3,263,786	\$ 3,287,361	\$ 3,382,196
DGen	\$ 5,029,838	\$ 5,399,008	\$ 5,554,762
ST	\$ 55,776,324	\$ 55,712,335	\$ 57,319,557
TOTAL	\$ 1,552,626,406	\$ 1,556,507,909	\$ 1,601,410,953
2020 Revenue Requirement	\$ 1,601,410,953		
Multiplier to bring column 2 total to 2020 Revenue Requirement	1.0288		

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*Calculations are set out in Exhibit H1-01-02.*

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**Table 4: Revenue Requirement by Rate Class in 2022**

	(column 1)	(column 2)	(column 3 = Column 2 x 1.0261)
Rate Class	2021 Revenue Requirement	Revenue - with 2021 rates and 2022 charge	2022 Revenue Requirement
UR	\$ 108,197,006	\$ 109,380,872	\$ 112,233,115
R1	\$ 358,712,684	\$ 361,417,086	\$ 370,841,490
R2	\$ 581,235,238	\$ 583,479,266	\$ 598,694,221
Seasonal	\$ 122,257,078	\$ 122,277,748	\$ 125,466,294
GSe	\$ 169,918,233	\$ 168,802,460	\$ 173,204,196
GSd	\$ 154,759,332	\$ 154,539,478	\$ 158,569,289
UGe	\$ 24,683,719	\$ 24,712,010	\$ 25,356,406
UGd	\$ 32,041,885	\$ 31,978,892	\$ 32,812,782
St Lgt	\$ 14,941,715	\$ 15,010,442	\$ 15,401,858
Sen Lgt	\$ 6,701,274	\$ 6,699,587	\$ 6,874,287
USL	\$ 3,600,058	\$ 3,620,613	\$ 3,715,025
DGen	\$ 6,046,176	\$ 6,354,301	\$ 6,519,998
ST	\$ 58,667,225	\$ 58,783,473	\$ 60,316,326
AUR	\$ 5,920,185	\$ 5,978,131	\$ 6,134,019
AUGe	\$ 1,285,947	\$ 1,298,097	\$ 1,331,947
AUGd	\$ 2,132,191	\$ 2,136,478	\$ 2,192,189
AR	\$ 18,908,343	\$ 19,034,096	\$ 19,530,434
AGSe	\$ 4,214,733	\$ 4,191,570	\$ 4,300,870
AGSd	\$ 4,428,945	\$ 4,440,433	\$ 4,556,223
<b>TOTAL</b>	<b>\$ 1,678,651,970</b>	<b>\$ 1,684,135,034</b>	<b>\$ 1,728,050,969</b>
2022 Revenue Requirement	\$ 1,728,050,969		
Multiplier to bring column 2 total to 2022 Revenue Requirement	1.0261		

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3 *Calculations are set out in Exhibit H1-01-02.*

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5 **2.2 REVENUE-TO-COST RATIO**

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7 Hydro One proposes to adjust class revenue recovery as necessary to move the revenue-  
 8 to-cost (“R/C”) ratios for all rate classes towards the Board-approved ranges, specified in  
 9 EB-2010-0219 – Review of Electricity Distribution Cost Allocation Policy, Report of the

Witness: Henry Andre

1 Board, issued on March 31, 2011 and EB-2012-0383 – OEB Letter – New Cost  
2 Allocation Policy for Street Lighting Rate Class, issued on June 12, 2015.

3  
4 The classes with R/C ratios outside the Board-approved ranges will have their R/C ratio  
5 change phased-in over multiple years, if necessary, to achieve the end state target while  
6 limiting total bill impacts to customers. Where necessary, adjustments are applied to  
7 move the R/C ratios towards the Board-approved range, consistent with the approach  
8 previously approved by the Board. To increase the R/C ratio of a rate class that is outside  
9 the Board-approved range requires an increase in revenue requirement for this rate class.  
10 That increase in revenue will be made up by decreasing the revenue collected from those  
11 classes with the highest R/C ratios above 1, as required. This decrease in revenue results  
12 in a decrease to the R/C ratio of these classes. For any given year, the increase in the  
13 revenue to be collected from rate classes whose R/C ratio was increased is exactly offset  
14 by an equal decrease in revenue to be collected from those rate classes whose R/C ratio  
15 was decreased.

16  
17 R/C Ratio from 2017 to 2018

18 Table 5 shows how the R/C ratio and revenue requirement by class are adjusted by the  
19 2018 rate design process. In 2018, most of the 2018 R/C ratios as determined by the  
20 2018 CAM are already within the Board-approved range and require no further  
21 adjustment. The exception is the Distribution Generation (DGen) class, which has a 2018  
22 CAM R/C ratio of 0.57. Hydro One proposes to increase the DGen class R/C ratio to  
23 0.62 in 2018, which is the maximum the R/C ratio can be increased while still limiting  
24 the total bill impact for a typical DGen customer to no more than 10%. This is the same  
25 approach proposed, and approved by the Board, in Hydro One's 2016 and 2017 Draft  
26 Rate Orders (EB-2015-0079 and EB-2016-0081). The increase in revenue collected from  
27 the DGen class is offset by decreasing the revenue collected from USL, Sen. Lights and  
28 Seasonal classes, which have the highest R/C ratios above 1.

Witness: Henry Andre

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**Table 5: Revenue-to-Cost Ratios and Class Revenue Recovery – 2017 to 2018**

Rate Class	2017		2018				Board Range R/C (%)
	R/C	Revenue Requirement (\$ M)	R/C		Revenue Requirement (\$ M)		
			CAM	After Rate Design	CAM	After Rate Design	
UR	1.10	87.6	1.05	1.05	96.4	96.4	85 - 115
R1	1.10	310.9	1.07	1.07	324.4	324.4	85 - 115
R2	0.95	519.4	0.95	0.95	530.9	530.9	85 - 115
Seasonal	1.04	113.4	1.09	1.09	114.5	114.4	85 - 115
GSe	0.99	160.6	1.01	1.01	160.9	160.9	80 - 120
UGe	0.95	21.8	1.02	1.02	22.8	22.8	80 - 120
GSd	0.95	145.5	0.97	0.97	143.9	143.9	80 - 120
UGd	0.95	30.3	0.95	0.95	29.9	29.9	80 - 120
St Lgt	0.95	12.1	0.93	0.93	12.5	12.5	80 - 120
Sen Lgt	0.95	7.3	1.10	1.09	6.9	6.8	80 - 120
USL	1.10	3.2	1.15	1.09	3.4	3.2	80 - 120
DGen	0.61	4.6	0.57	0.62	3.7	4.0	80 - 120*
ST	0.95	51.0	0.98	0.98	54.4	54.4	85 - 115
<b>TOTAL</b>		1,467.6			1,504.7	1,504.7	

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\* Assume same as for GS, as previously approved in EB-2013-0416

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R/C Ratio from 2018 to 2020

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Table 6 and Table 7 show how the R/C ratio and revenue requirement by class are adjusted by the 2019 and 2020 rate design process. Hydro One proposes to continue increasing the DGen class R/C ratio from 0.62 in 2018 to 0.75 in 2019, which limits the total bill impact for a typical DGen customer to no more than 10% per year. The increase in revenue from the DGen class is made up by decreasing the revenue collected from the USL, Sen. Lights and Seasonal classes, which had the highest R/C ratios above 1. By 2020, the DGen rate class R/C ratio will be within the Board-approved range and no further adjustments will be required to any of the R/C ratios.

Witness: Henry Andre

1 **Table 6: Revenue-to-Cost Ratios and Class Revenue Recovery – 2018 to 2019**

Rate Class	2018		2019			
	R/C	Revenue Requirement (\$ M)	R/C		Revenue Requirement (\$ M)	
			Before Rate Design	After Rate Design	Before Rate Design	After Rate Design
UR	1.05	96.4	1.06	1.06	100.6	100.6
R1	1.07	324.4	1.08	1.08	337.1	337.1
R2	0.95	530.9	0.95	0.95	548.4	548.4
Seasonal	1.09	114.4	1.09	1.08	117.6	117.2
GSe	1.01	160.9	1.00	1.00	163.9	163.9
UGe	1.02	22.8	1.01	1.01	23.4	23.4
GSd	0.97	143.9	0.96	0.96	147.4	147.4
UGd	0.95	29.9	0.94	0.94	30.6	30.6
St Lgt	0.93	12.5	0.94	0.94	13.0	13.0
Sen Lgt	1.09	6.8	1.09	1.08	7.1	7.0
USL	1.09	3.2	1.10	1.08	3.3	3.3
DGen	0.62	4.0	0.67	0.75	4.5	5.0
ST	0.98	54.4	0.98	0.98	55.8	55.8
<b>TOTAL</b>		1,504.7			1,552.6	1,552.6

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4 **Table 7: Revenue-to-Cost Ratios and Class Revenue Recovery – 2019 to 2020**

Rate Class	2019		2020			
	R/C	Revenue Requirement (\$ M)	R/C		Revenue Requirement (\$ M)	
			Before Rate Design	After Rate Design	Before Rate Design	After Rate Design
UR	1.06	100.6	1.07	1.07	104.7	104.7
R1	1.08	337.1	1.09	1.09	349.6	349.6
R2	0.95	548.4	0.95	0.95	565.6	565.6
Seasonal	1.08	117.2	1.08	1.08	120.4	120.4
GSe	1.00	163.9	0.99	0.99	167.3	167.3
UGe	1.01	23.4	1.01	1.01	24.1	24.1
GSd	0.96	147.4	0.95	0.95	151.4	151.4
UGd	0.94	30.6	0.93	0.93	31.4	31.4
St Lgt	0.94	13.0	0.94	0.94	13.5	13.5
Sen Lgt	1.08	7.0	1.08	1.08	7.2	7.2
USL	1.08	3.3	1.09	1.09	3.4	3.4
DGen	0.75	5.0	0.81	0.81	5.6	5.6
ST	0.98	55.8	0.97	0.97	57.3	57.3
<b>TOTAL</b>		1,552.6			1,601.4	1,601.4

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Witness: Henry Andre

1 R/C Ratio from 2020 to 2021

2 The 2021 R/C ratios as determined by the 2021 CAM are the starting point for the 2021  
3 rate design. As shown in Table 8 most of the rate classes are already within the Board-  
4 approved range and require no further adjustment. The five rate classes whose R/C ratios  
5 require adjustment are the AUGe, AUGd, AR, AGSe and AGSd classes, which are all  
6 new rate classes created as a result of incorporating the Acquired Utilities.

7  
8 Hydro One proposes to phase-in an increase to the R/C ratios for these classes to within  
9 the Board-approved range while limiting the total bill impact. The principle adopted for  
10 determining how much to increase the R/C ratio for these rate classes is based on the  
11 following considerations:

- 12  
13 i) Acquired customers' base distribution rates have been frozen since 2014, while base  
14 distribution rates of existing Hydro One customers have increased about 22% over the  
15 period from 2015 to 2021;
- 16 ii) The total bill impacts for acquired customers should be similar to what other Hydro  
17 One customers in a similar rate class will experience in 2021; and
- 18 iii) The bill impact due to phasing in R/C ratios to within the Board-approved range  
19 should not exceed either i) or ii), whichever is higher.

20  
21 Following the above principle, Hydro One proposes to adjust the 2021 R/C ratios as  
22 follows:

- 23  
24 • AUGe from 0.60 to 0.70, resulting in a distribution bill impact of 22% and a total bill  
25 impact of 3.1% for an average customer;
- 26 • AUGd from 0.43 to 0.62, resulting in a total bill impact of 0.3% for an average  
27 customer, which is similar to the total bill impact for an average customer in the UGd  
28 class;

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- 1 • AR from 0.79 to 0.85, which raises the R/C ratio to within the Board-approved range  
2 while resulting in a total bill impact of 4.1% for an average former Haldimand  
3 County Hydro customer and a total bill impact of 5.0% for an average former Norfolk  
4 Power customer;
- 5 • AGSe from 0.74 to 0.79, resulting in a distribution bill impact of 22% and a total bill  
6 impact of 3.5% for an average former Haldimand County Hydro customer. An  
7 average former Norfolk Power customer will see a total bill impact of 0.2%; and
- 8 • AGSd from 0.53 to 0.67, resulting in a total bill impact of 0.6% for both an average  
9 former Haldimand County Hydro and an average former Norfolk Power customer,  
10 which is similar to the total bill impact for an average customer in the GSd class.

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12 The increase in revenue from these classes is offset by decreasing the revenue collected  
13 from the UR, R1, Seasonal and USL classes, which had the highest R/C ratios above 1.

1 **Table 8: Revenue-to-Cost Ratios and Class Revenue Recovery – 2020 to 2021**

Rate Class	2020		2021				Board Range R/C (%)
	R/C	Revenue Requirement (\$ M)	R/C		Revenue Requirement (\$ M)		
			CAM	After Rate Design	CAM	After Rate Design	
UR	1.07	104.7	1.10	1.10	108.5	108.2	85 - 115
R1	1.09	349.6	1.10	1.10	360.7	358.7	85 - 115
R2	0.95	565.6	0.97	0.97	581.2	581.2	85 - 115
Seasonal	1.08	120.4	1.11	1.10	123.3	122.3	85 - 115
GSe	0.99	167.3	1.00	1.00	169.9	169.9	80 - 120
UGe	1.01	24.1	1.01	1.01	24.7	24.7	80 - 120
GSd	0.95	151.4	0.93	0.93	154.8	154.8	80 - 120
UGd	0.93	31.4	0.90	0.90	32.0	32.0	80 - 120
St Lgt	0.94	13.5	0.95	0.95	14.9	14.9	80 - 120
Sen Lgt	1.08	7.2	1.01	1.01	6.7	6.7	80 - 120
USL	1.09	3.4	1.11	1.10	3.6	3.6	80 - 120
DGen	0.81	5.6	0.82	0.82	6.0	6.0	80 - 120*
ST	0.97	57.3	0.89	0.89	58.7	58.7	85 - 115
AUR	N/A	N/A	0.88	0.88	5.9	5.9	85 - 115
AUGe	N/A	N/A	0.60	0.70	1.1	1.3	80 - 120
AUGd	N/A	N/A	0.43	0.62	1.5	2.1	80 - 120
AR	N/A	N/A	0.79	0.85	17.6	18.9	85 - 115
AGSe	N/A	N/A	0.74	0.79	4.0	4.2	80 - 120
AGSd	N/A	N/A	0.53	0.67	3.5	4.4	80 - 120
<b>TOTAL</b>		1,601.41			1,678.7	1,678.7	

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4 R/C Ratio from 2021 to 2022

5 Table 9 shows how the R/C ratio and revenue requirement by class are adjusted by the  
 6 2022 rate design process. Hydro One proposes to increase the AUGe, AUGd, AGSe and  
 7 AGSd class R/C ratios to the Board-approved value of 0.80, which can be achieved while  
 8 still limiting the total bill impact to well below 10%. The increase in revenue from these  
 9 classes is offset by decreasing the revenue from the R1, UR and USL classes, which had  
 10 the highest R/C ratios above 1.

Witness: Henry Andre

1 **Table 9: Revenue-to-Cost Ratios and Class Revenue Recovery – 2021 to 2022**

Rate Class	2021		2022			
	R/C	Revenue Requirement (\$ M)	R/C		Revenue Requirement (\$ M)	
			Before Rate Design	After Rate Design	Before Rate Design	After Rate Design
UR	1.10	108.2	1.11	1.10	112.2	111.5
R1	1.10	358.7	1.10	1.10	370.8	369.7
R2	0.97	581.2	0.97	0.97	598.7	598.7
Seasonal	1.10	122.3	1.09	1.09	125.5	125.5
GSe	1.00	169.9	0.99	0.99	173.2	173.2
UGe	1.01	24.7	1.01	1.01	25.4	25.4
GSd	0.93	154.8	0.92	0.92	158.6	158.6
UGd	0.90	32.0	0.90	0.90	32.8	32.8
St Lgt	0.95	14.9	0.95	0.95	15.4	15.4
Sen Lgt	1.01	6.7	1.00	1.00	6.9	6.9
USL	1.10	3.6	1.10	1.10	3.7	3.7
DGen	0.82	6.0	0.85	0.85	6.5	6.5
ST	0.89	58.7	0.89	0.89	60.3	60.3
AUR	0.88	5.9	0.89	0.89	6.1	6.1
AUGe	0.70	1.3	0.70	0.80	1.3	1.5
AUGd	0.62	2.1	0.61	0.80	2.2	2.9
AR	0.85	18.9	0.85	0.85	19.5	19.5
AGSe	0.79	4.2	0.78	0.80	4.3	4.4
AGSd	0.67	4.4	0.67	0.80	4.6	5.4
<b>TOTAL</b>		1,678.7			1,728.1	1,728.1

2

3

4 R/C ratio adjustment calculation details are provided in Exhibit H1, Tab 1, Schedule 2,  
 5 which is also provided in Excel format.

1 **2.3 FIXED VERSUS VOLUMETRIC CHARGES**

2  
3 **2.3.1 MOVE TO ALL-FIXED RATES FOR RESIDENTIAL CLASSES**

4  
5 In the Report of the Board: A New Distribution Rate Design for Residential Electricity  
6 Customers (EB-2012-0410) issued April 2, 2015, the Board confirmed that rates for  
7 residential customers will migrate to a fixed monthly distribution (“all-fixed”) charge  
8 over a transition period commencing in 2016.

9  
10 Hydro One Existing Residential Rate Classes

11 In its Decision on Hydro One’s 2016 Draft Rate Order (EB-2013-0416/EB-2015-0079),  
12 the Board approved Hydro One’s proposed mitigation plan to extend the phase-in period  
13 to five years for the UR class and ordered an eight-year phase-in period for the R1, R2  
14 and Seasonal rate classes.

15  
16 In this application, Hydro One continues to use the same methodology, approved by the  
17 Board in Hydro One’s 2016 and 2017 Draft Rate Orders (EB-2015-0079 and EB-2016-  
18 0081) to calculate the proposed monthly fixed service charges and corresponding  
19 volumetric charges for 2018 to 2022 rates for the R1, R2, UR and Seasonal rate classes.  
20 The transition to all-fixed distribution rates will be complete in 2020 for UR rate class  
21 and 2023 for R1, R2 and Seasonal rate classes.

22  
23 The detailed calculations are shown in Exhibit H1, Tab 1, Schedule 2.

24  
25 Acquired Residential Rate Classes

26 In its Decisions on the 2016 distribution rates applications for Norfolk Power (EB-2015-  
27 0269), Haldimand County Hydro (EB-2015-0259), and Woodstock Hydro (EB-2015-  
28 0271), the Board ordered multi-year phase-in periods for the transition to all-fixed

Witness: Henry Andre

1 residential rates, commencing in 2016. Specifically, the Board ordered a four-year phase-  
2 in for Norfolk Power and a five-year phase-in for Haldimand County Hydro and  
3 Woodstock Hydro. By 2020, the phase-in period will have ended for the Acquired  
4 Utilities. As such, the proposed 2021 residential rates for the customers formerly served  
5 by the Acquired Utilities are 100% fixed. The year-over-year move to all-fixed  
6 residential distribution charges for the Acquired Utilities will continue to proceed via  
7 annual rate applications, to be filed separately with the Board, for 2018 to 2020 rates.

### 8 9 **2.3.2 NON-RESIDENTIAL CLASSES**

#### 10 11 Hydro One Existing Non-Residential Rate Classes

12 Hydro One proposes to maintain the same fixed-to-variable revenue split for all non-  
13 residential rate classes (except DGen) that were approved by the Board in Hydro One's  
14 last distribution rate application and subsequent Draft Rate Orders (EB-2013-0416, EB-  
15 2015-0079 and EB-2016-0081).

16  
17 Given the approach previously adopted for fixed and variable charges to the DGen class  
18 as a result of phasing-in its R/C ratio to the Board-approved range, Hydro One proposes  
19 to reset the DGen fixed charge in 2018 to the minimum system values calculated in Sheet  
20 O2 of the 2018 CAM. Hydro One also proposes that this fixed charge remain unchanged  
21 for the 2018 to 2022 period, while revenue increases over the 2019 to 2022 period are to  
22 be absorbed by increases to the volumetric charges.

#### 23 24 Acquired Non-Residential Rate Classes

25 The AUGe and AUGd classes consist of customers formerly served by Woodstock  
26 Hydro. Hydro One proposes to maintain the same fixed-to-variable split in revenue,  
27 approved by the Board in Woodstock Hydro's last Cost-of-Service distribution rate

Witness: Henry Andre

1 application. The fixed-to-variable split for these classes will remain unchanged over the  
 2 2021 to 2022 period to provide stability in customer rates and revenue mix.

3  
 4 The AGSe and AGSd classes consist of customers formerly served by Norfolk Power and  
 5 Haldimand County Hydro. Hydro One proposes to use a blended fixed-to-variable split,  
 6 which is a revenue weighted average of the two ratios approved by the Board in Norfolk  
 7 Power and Haldimand Hydro’s last Cost-of-Service distribution rate applications. The  
 8 fixed-to-variable split for AGSe and AGSd will remain unchanged over the 2021 to 2022  
 9 period to provide stability in customer rates and revenue mix.

10  
 11 Table 10 below summarizes the current and proposed fixed and volumetric revenue split.

12  
 13 **Table 10: Current and Proposed Fixed and Volumetric Revenue Split – 2017 to 2022**

Rate Class	2017		2018		2019		2020		2021		2022	
	Fixed	Volumetric										
UR	77%	23%	82%	18%	90%	10%	100%	0%	100%	0%	100%	0%
R1	61%	39%	65%	35%	71%	29%	76%	24%	83%	17%	91%	9%
R2	64%	36%	68%	32%	73%	27%	78%	22%	84%	16%	91%	9%
Seasonal	61%	39%	65%	35%	71%	29%	77%	23%	84%	16%	91%	9%
GSe	20%	80%	20%	80%	20%	80%	20%	80%	20%	80%	20%	80%
UGe	24%	76%	24%	76%	24%	76%	24%	76%	24%	76%	24%	76%
GSd	5%	95%	5%	95%	5%	95%	5%	95%	5%	95%	5%	95%
UGd	7%	93%	7%	93%	7%	93%	7%	93%	7%	93%	7%	93%
St Lgt	2%	98%	2%	98%	2%	98%	2%	98%	2%	98%	2%	98%
Sen Lgt	27%	73%	27%	73%	27%	73%	27%	73%	27%	73%	27%	73%
USL	77%	23%	77%	23%	77%	23%	77%	23%	77%	23%	77%	23%
DGen	66%	34%	71%	29%	62%	38%	62%	38%	61%	39%	60%	40%
ST	19%	81%	19%	81%	19%	81%	19%	81%	19%	81%	19%	81%
AUR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	0%	100%	0%
AUGe	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	39%	61%	39%	61%
AUGd	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	23%	77%	23%	77%
AR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	0%	100%	0%
AGSe	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	52%	48%	52%	48%
AGSd	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	21%	79%	21%	79%

14  
 15  
 Witness: Henry Andre

1 **3. CALCULATION OF SUB-TRANSMISSION (ST) RATES**

2  
3 **3.1 INTRODUCTION**

4  
5 The charges for the use of Common ST lines, High Voltage Distribution Stations  
6 (“HVDS”), Low Voltage Distribution Stations (“LVDS”) and Specific ST Line, were  
7 derived using the results of the 2018 and 2021 CAMs, and reflect the changes in revenue  
8 requirement and load forecast in those years. The methodology used in this application  
9 for the allocation of costs to the ST rate class, as well as for the design of ST rates has not  
10 changed from the methodology that was used in Hydro One’s 2015-2017 Distribution  
11 Rate Application (EB-2013-0416). Hydro One has had approved ST rates applicable to  
12 its embedded distributors since 2008. As such, embedded distributors have had the  
13 opportunity to review the cost allocation and rate design of the rates applicable to them as  
14 part of the regulatory approval process for Hydro One’s previous rate applications.

15  
16 The HVDS and Common ST line charges are billed to customers supplied from multiple  
17 feeders connected to the same Transmission Station (“TS”) or HVDS based on their  
18 aggregated billing demand. The aggregation of billing demand is consistent with the  
19 billing of Retail Transmission Service Rates (“RTSR”) for ST customers and was most  
20 recently reviewed and approved in Hydro One’s 2015 to 2017 distribution rate  
21 application (EB-2013-0416).

22  
23 As previously reviewed and approved by the Board in Hydro One’s most recent  
24 distribution rate application, customers with load displacement generation above 1 MW,  
25 or 2 MW for renewable generation, installed after October 1998, are billed ST volumetric  
26 charges on a gross load basis.

Witness: Henry Andre

**3.2 DERIVATION OF ST RATES**

Table 11 shows the current approved 2017 ST charges, the proposed 2018 and the estimated 2019-2022 ST charges. Details of the derivation of the proposed ST Charges are provided in Exhibit H1, Tab 1, Schedule 3, which has also been provided in Excel format.

**Table 11: Current and Proposed ST Charges**

		Current	Proposed				
	Unit	2017	2018	2019	2020	2021	2022
Fixed Service Charge	\$	492.55	533.12	544.70	558.13	563.60	577.40
Meter Charge	\$/meter	764.01	670.96	681.93	698.75	705.60	722.88
Common Line	\$/kW	1.2052	1.3153	1.3683	1.4140	1.4475	1.4906
Specific ST Line	\$/km	812.8973	643.6199	643.6199	643.6199	719.0339	719.0339
HVDS-high	\$/kW	1.8088	1.8451	1.8451	1.8451	1.8773	1.8773
HVDS-low	\$/kW	3.3552	3.3687	3.3823	3.3827	3.6791	3.6780
LVDS-low	\$/kW	1.5464	1.5236	1.5372	1.5376	1.8018	1.8007

**3.2.1 FIXED SERVICE CHARGE**

Hydro One applies a monthly fixed service charge per delivery point where an ST customer uses Common ST lines or HVDS facilities. As discussed in section 2.2.2, Hydro One proposes to maintain the same fixed-to-variable revenue ratios by class for most non-residential rate classes. The same approach applies to ST rate class. As such, the fixed-to-variable split for ST class will remain unchanged over the 2018 to 2022 period to provide stability in customer rates and revenue mix.

The fixed service charges in 2018 and 2021 are based on results from the 2018 and 2021 CAMs and associated charge determinants.

Witness: Henry Andre

1  
2 For rate years 2019, 2020 and 2022, the revenue requirement increases to the ST class are  
3 determined using the methodology described in section 2.1 of this exhibit. The fixed  
4 charge revenue requirement is then determined by applying the same fixed-to-variable  
5 revenue split. The fixed service charges in 2019 is determined by dividing the 2019 ST  
6 fixed charge revenue requirement by the 2019 charge determinant (i.e., number of  
7 delivery points where an ST customer uses Common ST lines or HVDS facilities). The  
8 same approach is used for determining the 2020 and 2022 fixed service charge.

9  
10 **3.2.2 METER RATE FOR HYDRO ONE OWNED METER**

11  
12 Many customers in the ST group provide their own metering facilities. To reflect this,  
13 Hydro One has an additional fixed charge, per metering facility, applicable to customers  
14 for whom Hydro One provides metering facilities. The 2018 and 2021 meter charges are  
15 set to recover Hydro One's low voltage metering facility costs allocated to the ST rate  
16 class in the 2018 and 2021 CAM. The annual increases in revenue requirement for the  
17 ST class in 2019, 2020 and 2022 are applied to the meter charges in those years.

18  
19 **3.2.3 COMMON ST LINE RATE**

20  
21 The CAM and rate design process determine the total rates revenue requirement to be  
22 collected from the ST rate class. The amount that is not recovered through the other ST  
23 charges (i.e., fixed service, meter, HVDS-high, HVDS-low, LVDS-low and Specific ST  
24 Line) are recovered through the Common ST Line charge. Common ST Line is a  
25 volumetric charge. Details of the derivation of the Common ST Line rates are provided  
26 in Exhibit H1, Tab 1, Schedule 3.

1       **3.2.4   HVDS-HIGH RATE**

2  
3       Customers in the ST class can obtain transformation from above 50 kV to a voltage  
4       between 44 kV and 13.8 kV either through the use of an HVDS-high, or a TS owned by  
5       Hydro One Transmission. Customers that obtain supply through a TS are charged RTSR  
6       – Transformation. Therefore, for consistency purposes, the HVDS-high rate is set  
7       equivalent to the RTSR – Transformation rate adjusted for losses. HVDS-high is a  
8       volumetric charge. This approach will apply for all years of the application.

9  
10       **3.2.5   HVDS-LOW RATE**

11  
12       HVDS-low stations transform power from above 50 kV to under 13.8 kV. Consistent  
13       with the current rate structure, the HVDS-low rate is set to be the sum of the HVDS-high  
14       rate and LVDS-low rate. This ensures that the rate for transformation from above 50 kV  
15       to below 13.8 kV is equivalent for all delivery points, regardless of the type of upstream  
16       transformation facilities used. HVDS-low is a volumetric charge. This approach will  
17       apply for all years of the application.

18  
19       **3.2.6   LVDS-LOW RATE**

20  
21       LVDS-low stations transform power from above (or at) 13.8 kV to under 13.8 kV. The  
22       rate is set to recover the LVDS-low portion of the costs attributable to distribution  
23       stations that are allocated to the ST rate class. The ST LVDS-low portion of the  
24       distribution stations costs is based on the gross book value of assets associated with  
25       providing ST service from LVDS-low stations as a share of the total LVDS station assets.  
26       LVDS-low is a volumetric charge. Output from the 2018 and 2021 CAMs are used to  
27       derive 2018 and 2021 LVDS-low rates. The annual increases in revenue requirement for  
28       the ST class in 2019, 2020 and 2022 are applied to the LVDS-low rates in those years.

Witness: Henry Andre

1 Details of the derivation of the LVDS-low rate are provided in Exhibit H1, Tab 1,  
2 Schedule 3.

3

### 4 **3.2.7 SPECIFIC ST LINE RATE**

5

6 An ST line section between 44 kV and 13.8 kV is “specific” if it supplies solely one LDC  
7 and is within that LDC’s territory. The Specific ST line rate is set to the average per  
8 kilometer cost for all ST lines on Hydro One’s distribution system.

9

10 The annual increases in revenue requirement for the ST class from 2018 to 2022 are  
11 reflected in the increases in Specific ST Line Rates for those years.

12

13 The Specific ST line rate is applied to the length of the specific line section (km) rather  
14 than to demand (kW). Details of the derivation of the Specific ST Line rate are provided  
15 in Exhibit H1, Tab 1, Schedule 3.

16

### 17 **3.2.8 UPDATING ST CHARGES OVER THE CUSTOM IR PERIOD**

18

19 As described in Section 8, Retail Transmission Service Rates (“RTSR”) will be updated  
20 as a part of the annual draft rate orders prepared over the Custom IR period in the event  
21 new Uniform Transmission Rates (“UTR”) are approved for the corresponding year.  
22 Since the HVDS-high charge is set at the same value as the proposed RTSR-  
23 Transformation rate, and the HVDS-low and Common ST line rates are in-turn impacted  
24 by the HVDS-high charge, it is anticipated that these three ST rates will be updated as  
25 part of the draft rate order associated with future years of the Custom IR period to remain  
26 consistent with the latest approved UTR.

Witness: Henry Andre

1 **4. REVENUE RECONCILIATION**

2  
3 A reconciliation of the revenue at proposed rates and the revenue requirements by rate  
4 class, as per Chapter 2, section 2.8.10 of the Board's Filing Requirements, are provided  
5 in Exhibit H1, Tab 1, Schedule 4.  
6

7 **5. TRANSFORMER OWNERSHIP ALLOWANCE**

8  
9 There are circumstances under which Hydro One does not supply customers with  
10 transformation equipment, but rather the customer provides its own equipment. This  
11 occurs usually when the customer has unique consumption characteristics that require the  
12 use of special equipment not usually provided by Hydro One. Since the rates developed  
13 for most customer classes assume that Hydro One provides transformation to the  
14 customer, customers in classes that provide their own transformation are entitled to  
15 receive a credit equivalent to the costs of transformation included in their rates.  
16

17 The transformation allowance has been set on a generic basis for LDCs throughout the  
18 province. Hydro One is proposing to maintain its currently approved Transformer  
19 Ownership Allowance at the previously established rate of \$0.60/kW. This is the same  
20 rate that currently applies to demand customers of the Acquired Utilities. The Acquired  
21 Utilities take the same approach to transformer cost allowance and therefore no change is  
22 required in 2021 as a result of rate harmonization. Some customers that provide their  
23 own transformation may be energy billed, therefore, in order to be able to provide these  
24 customers with a Transformer Ownership Allowance, an equivalent 0.14 ¢/kWh rate  
25 previously approved by the OEB will be maintained. The proposed Transformer  
26 Ownership Allowance will also apply to single-phase customers that provide their own  
27 transformation equipment.

Witness: Henry Andre

1 The projected cost of the Customer Supplied Transformer Allowance (“CSTA”) credit  
2 results in the rate adders shown in Table 12, which are included in the volumetric rates  
3 shown on the proposed rates calculated in Exhibit H1, Tab 1, Schedule 2 for the GSd,  
4 UGd, AUGd, AGSd, and DGen rate classes.

5  
6

**Table 12: CSTA Rate Adders**

<b>Year</b>	<b>CSTA Credit Amount to be Recovered (\$)</b>	<b>Rate Adder for CSTA (\$/kW)</b>
<b>2018</b>	703,342	0.0637
<b>2019</b>	699,689	0.0640
<b>2020</b>	702,004	0.0643
<b>2021</b>	983,940	0.0824
<b>2022</b>	985,709	0.0827

7  
8

9 **6. HOPPER FOUNDRY RATE ADJUSTMENT**

10

11 In accordance with the Board’s Decision in Hydro One’s cost-of-service application EB-  
12 2007-0681, Hydro One continues to levy the General Service Demand rates applicable to  
13 Hopper Foundry using monthly kW billing determinants determined on a time-of-use  
14 basis. As a result of using this approach, Hydro One will collect less revenue from  
15 Hopper Foundry in each year of the Custom IR period. The lost revenue amounts and  
16 associated adder to be included in the volumetric rates for the GSd class are provided in  
17 Table 13. The resulting volumetric rate is shown in the rates calculated in Exhibit H1,  
18 Tab 1, Schedule 2.

1

**Table 13: Hopper Foundry Rate Adders**

<b>Year</b>	<b>Lost Revenue Amount (\$)</b>	<b>Hopper Foundry Rate Adder (\$/kW)</b>
<b>2018</b>	62,291	0.0078
<b>2019</b>	64,476	0.0081
<b>2020</b>	66,409	0.0084
<b>2021</b>	69,351	0.0088
<b>2022</b>	70,038	0.0088

2

3

4 **7. BILLING DETERMINANTS**

5

6 Hydro One is not proposing any changes to the type of billing determinants currently  
7 approved for its existing Hydro One customer classes. Customers will continue to be  
8 billed a monthly fixed charge and a kWh or kW volumetric charge. For the Streetlight,  
9 Sentinel light and Unmetered Scattered Load classes, customers will continue to be  
10 charged a monthly per account service charge and a volumetric charge based on  
11 estimated kWh.

12

13 As discussed in Section 4.0 of Exhibit G1, Tab 2, Schedule 1, Hydro One proposes that  
14 acquired customers from the Acquired Utilities currently in the Street Lighting and  
15 Sentinel Lighting classes be merged into the equivalent Hydro One rate classes in 2021.  
16 While the current Board-approved distribution volumetric charges for customers in these  
17 classes from the Acquired Utilities are based on kW consumption, Hydro One proposes  
18 that customers from the Acquired Utilities adopt the Hydro One convention in 2021 when  
19 they are merged into the equivalent Hydro One rate classes. The existing kWh  
20 consumption from these acquired Street Lights and Sentinel Lights customers will be  
21 used as the billing determinants.

Witness: Henry Andre

1 **8. RETAIL TRANSMISSION SERVICE RATES**

2  
3 **8.1 INTRODUCTION**

4  
5 The proposed Retail Transmission Service Rates (“RTSR”) in this application will  
6 continue to reflect the existing Uniform Transmission Rates (“UTR”) effective January 1,  
7 2016 approved by the Board as part of proceeding EB-2014-0140. It is expected that the  
8 Board will approve new UTRs on an annual basis. In the event a new UTR is approved  
9 at the time a Draft Rate Order for new Distribution rates in a specific year is prepared  
10 over the Custom CIR period, Hydro One will update the proposed RTSR to reflect the  
11 new UTR as a part of the Draft Rate Order process. Changes to the UTR will also affect  
12 some ST rates, as discussed in Section 3.2.8.

13  
14 Aggregation at a TS or HVDS for purposes of billing RTSR charges was approved by the  
15 Board in proceedings EB-2013-0416 and other past distribution rate proceedings (EB-  
16 2004-0451, EB-2007-0681 and EB-2009-0096). For customers that are being aggregated  
17 for purposes of RTSR, the aggregated demand is determined by applying losses to the  
18 measured quantities of individual delivery points.

19  
20 **8.2 APPROVED TRANSMISSION RATES**

21  
22 The UTR approved in proceeding EB-2015-0311, effective January 1, 2016, comprise the  
23 following charges:

- 24  
25 • A Transmission Network charge of \$3.66/kW to be applied to the demand at each  
26 transmission delivery point based on billed demand which is defined to be the larger  
27 of: a) 85% of non-coincident peak from 7 a.m. to 7 p.m. IESO business days; or b)  
28 the peak coincident with the transmission system peak.

Witness: Henry Andre

- 1 • Line and transformation connection charges of \$0.87/kW and \$2.02/kW, respectively,  
2 which are applied to the non-coincident peak at each transmission delivery point.  
3

4 These rates apply to the load at the transmission delivery point which is defined to be on  
5 the high voltage side of the transmission station transformer. Since metering is typically  
6 on the low voltage side of a transmission station, appropriate loss factors have been  
7 applied to adjust the meter readings to the high voltage side of the transformer.  
8

### 9 **8.3 RTSR CALCULATION METHODOLOGY**

10  
11 Hydro One is billed by the IESO at each of its transmission delivery points for the  
12 transmission of power to its customers. Total transmission charges are the sum of all  
13 applicable Network, Line Connection and Transformation Connection charges at these  
14 delivery points. Delivery point charges are based on the contribution of customer class'  
15 load downstream of the delivery point. A large amount of power purchased by Hydro  
16 One is supplied to its ST customer class, which includes embedded LDCs. For these  
17 customers, metering data is available to accurately identify the ST share of the  
18 transmission charges incurred by Hydro One. Given the need to first split transmission  
19 charges between ST and non-ST customers, Hydro One does not use the Board's RTSR  
20 Workform approach for establishing its RTSR rates. Rather, Hydro One uses the  
21 methodology that has been reviewed and approved by the Board for Hydro One's  
22 distribution rate filings since 2008, which more accurately reflects the share of  
23 transmission charges incurred by each class. This methodology is described further  
24 below.

1       **8.3.1    2018 AND 2021 TRANSMISSION CHARGES FROM THE IESO**

2

3       To estimate the transmission charges from the IESO, Hydro One used the forecast 2018  
4       and 2021 load at each of its transmission connections and applied the currently approved  
5       Transmission rates as of January 1, 2016. This resulted in estimated Network,  
6       Transformation Connection and Line Connections charges in 2018 and 2021, as shown in  
7       Table 14.

8

9       **8.3.2    ALLOCATING TRANSMISSION CHARGES TO RATE CLASSES**

10

11       The estimated 2018 to 2022 transmission charges from the IESO need to be recovered  
12       from all Hydro One's distribution customers. For the ST customer class, sufficient  
13       connectivity data exists to allow Hydro One to allocate the appropriate share of  
14       transmission charges based on the total ST customer's load coincident with the IESO's  
15       monthly billing peak for their transmission delivery point. In 2018, this results in 42% of  
16       the transmission charges being allocated to the ST class with the residual 58% being  
17       recovered from the other existing Hydro One rate classes. Among the other rate classes,  
18       hourly load shape data is used to allocate the costs to each individual class.

19

20       The above steps were repeated for the test year 2021, resulting in 41% of the transmission  
21       charges being allocated to the ST class with the residual 59% being recovered from other  
22       rate classes, including the six new acquired rate classes. Similar to the approach used for  
23       2018, hourly load shape data is used to allocate the costs among the other classes.

24

25       For rate years 2019 and 2020, the transmission charges are allocated to all rate classes  
26       using the 2018 percentages by rate classes. Similarly, the 2022 transmission charges are  
27       allocated to all rate classes using the 2021 percentages by rate classes.

Witness: Henry Andre

1 Table 14 shows the estimated 2018 and 2021 IESO charges allocated to the customer  
2 classes. Since the data in Table 14 will be impacted by changes to the UTR, Hydro One  
3 proposes to provide an update to the table below as part of the Draft Rate Order process  
4 for subsequent years of the Custom IR period.

1 **Table 14: Forecast 2018 and 2021 IESO Transmission Charges by Rate Class**

**2018 IESO charges**

	<b>Tx Network</b>	<b>Tx Line</b>	<b>Tx Transformation</b>	<b>Total IESO Bill</b>	<b>Share</b>
IESO Bill	\$230,991,618	\$48,353,442	\$129,110,655	\$408,455,715	
ST	\$100,375,647	\$17,963,029	\$52,778,276	\$171,116,952	42%
Retail	\$130,615,971	\$30,390,413	\$76,332,378	\$237,338,763	58%
UR	\$16,939,281	\$3,967,202	\$9,964,523	\$30,871,006	
R1	\$38,186,989	\$9,100,460	\$22,857,857	\$70,145,306	
R2	\$33,809,581	\$8,041,508	\$20,198,061	\$62,049,150	
Seasonal	\$3,945,798	\$957,693	\$2,405,463	\$7,308,954	
UGe	\$3,898,174	\$845,693	\$2,124,149	\$6,868,016	
UGd	\$6,318,987	\$1,374,863	\$3,453,279	\$11,147,130	
GSe	\$13,127,463	\$2,937,609	\$7,378,468	\$23,443,540	
GSd	\$13,417,665	\$2,918,296	\$7,329,959	\$23,665,920	
DGen	\$116,580	\$28,800	\$72,338	\$217,718	
USL	\$127,277	\$28,837	\$72,432	\$228,546	
St Lgt	\$622,651	\$161,901	\$406,650	\$1,191,202	
Sen Lgt	\$105,526	\$27,550	\$69,199	\$202,276	

**2021 IESO charges**

	<b>Tx Network</b>	<b>Tx Line</b>	<b>Tx Transformation</b>	<b>Total IESO Bill</b>	<b>Share</b>
IESO Bill	\$ 233,443,583	\$ 49,201,560	\$ 130,870,511	\$ 413,515,654	
ST	\$ 99,821,167	\$ 18,181,206	\$ 53,253,533	\$ 171,255,906	41%
Retail	\$ 133,622,417	\$ 31,020,354	\$ 77,616,978	\$ 242,259,748	59%
UR	\$ 16,972,852	\$ 3,936,099	\$ 9,848,633	\$ 30,757,583	
R1	\$ 38,629,615	\$ 8,943,456	\$ 22,377,695	\$ 69,950,766	
R2	\$ 33,233,497	\$ 7,676,456	\$ 19,207,496	\$ 60,117,449	
Seasonal	\$ 3,869,856	\$ 901,307	\$ 2,255,189	\$ 7,026,352	
UGe	\$ 3,649,253	\$ 841,217	\$ 2,104,835	\$ 6,595,305	
UGd	\$ 5,917,133	\$ 1,368,028	\$ 3,422,985	\$ 10,708,146	
GSe	\$ 12,179,384	\$ 2,846,465	\$ 7,122,226	\$ 22,148,075	
GSd	\$ 12,547,607	\$ 2,909,566	\$ 7,280,114	\$ 22,737,287	
DGen	\$ 130,766	\$ 32,365	\$ 80,981	\$ 244,111	
USL	\$ 85,989	\$ 23,310	\$ 58,325	\$ 167,625	
St Lgt	\$ 556,409	\$ 150,096	\$ 375,560	\$ 1,082,065	
Sen Lgt	\$ 133,378	\$ 30,729	\$ 76,889	\$ 240,996	
AR	\$ 2,166,991	\$ 527,217	\$ 1,319,167	\$ 4,013,374	
AGSe	\$ 582,151	\$ 137,560	\$ 344,193	\$ 1,063,904	
AGSd	\$ 1,226,618	\$ 286,154	\$ 715,994	\$ 2,228,766	
AUR	\$ 720,482	\$ 173,586	\$ 434,336	\$ 1,328,404	
AUGe	\$ 255,952	\$ 60,077	\$ 150,320	\$ 466,348	
AUGd	\$ 764,485	\$ 176,665	\$ 442,040	\$ 1,383,190	

2

1 **8.4 PROPOSED 2018 TO 2022 RTSR**

2  
3 The transmission charges allocated to each rate class shown in Table 14 are divided by  
4 the corresponding loss-adjusted billing parameters for each class, resulting in the  
5 proposed 2018 and 2021 RTSR rates shown in Table 15. Table 15 also shows the  
6 currently approved RTSR for Hydro One and the Acquired Utilities.

7  
8 Similar to Table 14, the data in Table 15 will also be impacted by changes to the UTR.  
9 As such, Hydro One proposes to provide an update to the tables below as part of the Draft  
10 Rate Order process for subsequent years of the Custom IR period.

11  
12 Energy-billed customers will be charged RTSR applied to metered quantities uplifted for  
13 losses. Demand-billed customers will be charged the rates shown, uplifted for losses.  
14 For customers that installed load displacement generation after October 1998, the RTSR  
15 connection charge is billed on gross demand consistent with section 11.3.2.5 of the  
16 Distribution Rate Handbook.

1

**Table 15: Proposed 2018 and 2021 RTSR**

RATECLASS	Approved 2017 Rates		Proposed 2018 Rates		Proposed 2021 Rates	
	Network	Line Connection	Network	Line Connection	Network	Line Connection
Urban Residential (\$/kWh)	0.0067	0.0047	0.0078	0.0064	0.0077	0.0063
Medium Density Residential (\$/kWh)	0.0064	0.0047	0.0072	0.0060	0.0072	0.0059
Low Density Residential (\$/kWh)	0.0062	0.0044	0.0067	0.0056	0.0068	0.0055
Seasonal (\$/kWh)	0.0051	0.0042	0.0057	0.0048	0.0058	0.0047
Urban General Service energy (\$/kWh)	0.0064	0.0040	0.0061	0.0047	0.0058	0.0047
Urban General Service demand (\$/kW)	2.0123	1.3239	2.1248	1.6235	2.0332	1.6462
General Service energy (\$/kWh)	0.0059	0.0038	0.0057	0.0045	0.0055	0.0045
General Service demand (\$/kW)	1.6048	1.0743	1.5757	1.2035	1.4993	1.2175
Distributed Generator (\$/kW)	0.5230	0.3349	0.5948	0.5160	0.6027	0.5224
Unmetered Scattered Load (\$/kWh)	0.0047	0.0031	0.0048	0.0038	0.0047	0.0038
Street Lights (\$/kWh)	0.0045	0.0027	0.0047	0.0043	0.0038	0.0036
Sentinel Lights (\$/kWh)	0.0045	0.0027	0.0047	0.0043	0.0038	0.0036
ST (\$/kW)	3.1942	0.7710 Line 1.7493 Transf.	3.3720	0.7322 Line 1.7844 Transf.	3.4204	0.7486 Line 1.8156 Transf.
Acquired Urban Residential (\$/kWh)	0.0072	0.0056			0.0073	0.0062
Acquired Urban General Service energy (\$/kWh)	0.0065	0.0053			0.0056	0.0046
Acquired Urban General Service demand (\$/kW)	2.6779	2.1539			1.7785	1.4393
Acquired Residential (\$/kWh)	0.0067	0.0024			0.0071	0.0060
Acquired General Service energy (\$/kWh)	0.0061	0.0040			0.0053	0.0044
Acquired General Service demand (\$/kW)	2.3798	1.5785			1.7498	1.4296

2

3

4 For customer classes that do not have separate proposed Line and Transformation  
 5 charges, the Line Connection charges shown include Transformation charges.

6

7 Approved 2017 RTSRs for Acquired Urban rate classes are approved 2017 RTSRs for  
 8 customers formerly served by Woodstock Hydro. Approved 2017 RTSRs for the other  
 9 Acquired rate classes are represented as a weighted average of the approved 2017 RTSRs  
 10 for the customers formerly served by Haldimand County Hydro and Norfolk Power.

Witness: Henry Andre

**2018 Rate Design Including 3rd Year of Phase-in to All-Fixed Rates**

	Number of Customers	GWh	kWs	Revenue		Costs Allocated from Previous Study (2017)		Allocated Costs		Misc Rev	Revenue from Rates	2017 R/C Ratio	R/C Ratio from the CAM	Target 2018 R/C Ratio	Total rev to be collected	Shifted Rev	% Change in revenue from rates	Fixed Charge (\$/month)	Revenue from Fixed Charge	Fixed Rev %	Revenue from Volumetric Charge	Volumetric Charge (\$/kWh)	Volumetric Charge (\$/kW)	CSTA Rate Adders (\$/kW)	Hopper Foundry Rate Adder (\$/kW)	Total Volumetric Charge (\$/kW)
				(A)	(B)	(C)	(D=A-C)	(E)	(F=A/B)																	
UR	225,944	2,047	-	\$ 96,412,357	\$ 79,598,952	5.42%	\$ 92,185,991	6.13%	\$ 4,983,355	\$ 91,429,002	1.10	1.05	1.05	96,412,357	-	0.0%	\$ 27.76	\$ 75,267,509	82%	\$ 16,161,492	\$ 0.0079					
R1	446,102	4,924	-	\$ 324,413,878	\$ 282,627,936	19.26%	\$ 302,269,155	20.09%	\$ 13,379,429	\$ 311,034,450	1.10	1.07	1.07	324,413,878	-	0.0%	\$ 37.83	\$ 202,487,556	65%	\$ 108,546,894	\$ 0.0220					
R2	328,410	4,539	-	\$ 530,937,907	\$ 544,114,242	37.07%	\$ 558,941,238	37.15%	\$ 16,467,601	\$ 514,470,306	0.95	0.95	0.95	530,937,907	-	0.0%	\$ 88.70	\$ 349,557,088	68%	\$ 164,913,218	\$ 0.0363					
Seasonal	149,485	632	-	\$ 114,452,705	\$ 108,746,448	7.41%	\$ 104,956,739	6.98%	\$ 3,162,385	\$ 111,290,320	1.04	1.09	1.09	114,381,769	(70,936)	-0.1%	\$ 40.57	\$ 72,769,595	65%	\$ 38,449,790	\$ 0.0608					
GSe	88,484	2,104	-	\$ 160,939,540	\$ 161,477,751	11.00%	\$ 158,906,963	10.56%	\$ 4,996,392	\$ 155,943,148	0.99	1.01	1.01	160,939,540	-	0.0%	\$ 29.68	\$ 31,517,992	20%	\$ 124,425,156	\$ 0.0591					
GSd	5,406	2,342	8,025,918	\$ 143,944,127	\$ 152,368,182	10.38%	\$ 149,063,861	9.91%	\$ 2,709,980	\$ 141,234,147	0.95	0.97	0.97	143,944,127	-	0.0%	\$ 102.93	\$ 6,677,125	5%	\$ 134,567,022	\$ -	\$ 16.7653	\$ 0.0637	\$ 0.0078	\$ 16.8368	
UGe	18,074	598	-	\$ 22,789,363	\$ 22,785,476	1.55%	\$ 22,410,337	1.49%	\$ 859,926	\$ 21,929,437	0.95	1.02	1.02	22,789,363	-	0.0%	\$ 23.97	\$ 5,199,673	24%	\$ 16,729,764	\$ 0.0280					
UGd	1,744	1,058	2,832,322	\$ 29,911,671	\$ 31,785,025	2.16%	\$ 31,547,955	2.10%	\$ 611,155	\$ 29,300,516	0.95	0.95	0.95	29,911,671	-	0.0%	\$ 101.13	\$ 2,116,806	7%	\$ 27,183,710	\$ -	\$ 9.5977	\$ 0.0637		\$ 9.6614	
St Lgt	5,323	121	-	\$ 12,540,668	\$ 12,719,453	0.87%	\$ 13,462,565	0.89%	\$ 390,612	\$ 12,150,056	0.95	0.93	0.93	12,540,668	-	0.0%	\$ 4.08	\$ 260,915	2%	\$ 11,889,141	\$ 0.0980					
Sen Lgt	23,987	20	-	\$ 6,909,106	\$ 7,616,602	0.52%	\$ 6,279,298	0.42%	\$ 3,543,660	\$ 3,365,445	0.95	1.10	1.09	6,843,174	(65,932)	-2.0%	\$ 3.10	\$ 893,472	27%	\$ 2,406,042	\$ 0.1180					
USL	5,597	24	-	\$ 3,362,623	\$ 2,953,443	0.20%	\$ 2,922,289	0.19%	\$ 126,312	\$ 3,236,312	1.10	1.15	1.09	3,184,708	(177,915)	-5.5%	\$ 35.10	\$ 2,357,352	77%	\$ 701,044	\$ 0.0287					
DGen	1,152	18	184,739	\$ 3,714,316	\$ 7,407,470	0.50%	\$ 6,467,733	0.43%	\$ 171,019	\$ 3,543,297	0.61	0.62	0.62	4,029,099	314,782	8.9%	\$ 198.03	\$ 2,738,713	71%	\$ 1,119,366	\$ -	\$ 6.0592	\$ 0.0637		\$ 6.1229	
ST	808	15,528	29,977,946	\$ 54,418,099	\$ 53,453,334	3.64%	\$ 55,332,239	3.68%	\$ 1,220,938	\$ 53,197,161	0.95	0.98	0.98	54,418,099	-	0.0%	N/A **	\$ 9,953,308	19%	\$ 43,243,853	\$ -	N/A **			N/A **	
																			(0)	\$ 761,797,105	\$ 690,326,493					

\*\* ST rates are listed in Exhibit H1, Tab 1, Schedule 3

Total Rev (K+L) \$ 1,452,123,598  
 Misc Rev (C) \$ 52,622,763  
 Total Rev Req \$ 1,504,746,361

Rate Class	2017 Current Fixed Charge	2018 All-Fixed Charge	Phase-in Period (Remaining Years)	Annual Increase in Fixed Charge	2018 Proposed Fixed Charge
UR	\$ 24.78	\$ 33.72	3	\$ 2.98	\$ 27.76
R1	\$ 33.77	\$ 58.10	6	\$ 4.06	\$ 37.83
R2	\$ 80.33	\$ 130.55	6	\$ 8.37	\$ 88.70
Seasonal	\$ 36.28	\$ 62.00	6	\$ 4.29	\$ 40.57

	Number of Customers	GWh	kWs	Revenue - with 2018 Rates and 2019 Charge Determinants	2018 Revenue	Revenue	Alloc Cost	Misc Rev	Revenue from Rates	2018 R/C Ratio	R/C Ratio	Target 2019 R/C Ratio	Total rev to be collected	Shifted Rev	% Change in revenue from rates	Fixed Charge (\$/month)	Revenue from Fixed Charge	Fixed Rev %	Revenue from Volumetric Charge	Volumetric Charge (\$/kWh)	Volumetric Charge (\$/kW)	CSTA Rate Adders (\$/kW)	Hopper Foundry Rate Adder (\$/kW)	Total Volumetric Charge (\$/kW)
				(Y)	(Z)	(A=Y*X <sub>RevReq</sub> )	(B=B <sub>2018</sub> *X <sub>AllocCost</sub> )	(C=C <sub>2018</sub> *X <sub>MiscRev</sub> )	(D=A-C)	(E)	(F=A/B)	(G)	(H=BxG)	(I=H-A)	(J=I/D)		(K)		(L=H-C-K)					
UR	228,666	2,047	-	\$ 97,362,112	\$ 96,412,357	\$ 100,615,573	\$ 95,119,288	\$ 5,026,643	\$ 95,588,930	1.05	1.06	1.06	100,615,573	-	0.0%	\$ 31.30	\$ 85,881,153	90%	\$ 9,707,777	\$ 0.0047				
R1	449,958	4,917	-	\$ 326,154,186	\$ 324,413,878	\$ 337,052,983	\$ 311,887,161	\$ 13,495,650	\$ 323,557,333	1.07	1.08	1.08	337,052,983	-	0.0%	\$ 42.25	\$ 228,121,873	71%	\$ 95,435,460	\$ 0.0194				
R2	330,076	4,478	-	\$ 530,640,289	\$ 530,937,907	\$ 548,372,212	\$ 576,726,382	\$ 16,610,648	\$ 531,761,564	0.95	0.95	0.95	548,372,212	-	0.0%	\$ 97.81	\$ 387,418,953	73%	\$ 144,342,611	\$ 0.0322				
Seasonal	149,813	620	-	\$ 113,835,562	\$ 114,381,769	\$ 117,639,501	\$ 108,296,394	\$ 3,189,855	\$ 114,449,646	1.09	1.09	1.08	117,221,930	(417,571)	-0.4%	\$ 45.14	\$ 81,154,550	71%	\$ 32,877,525	\$ 0.0530				
GSe	88,423	2,064	-	\$ 158,604,594	\$ 160,939,540	\$ 163,904,539	\$ 163,963,278	\$ 5,039,793	\$ 158,864,746	1.01	1.00	1.00	163,904,539	-	0.0%	\$ 30.26	\$ 32,108,483	20%	\$ 126,756,264	\$ 0.0614				
GSd	6,457	2,317	7,940,259	\$ 142,594,662	\$ 143,944,127	\$ 147,359,617	\$ 153,806,976	\$ 2,733,521	\$ 144,626,097	0.97	0.96	0.96	147,359,617	-	0.0%	\$ 104.42	\$ 6,837,486	5%	\$ 137,788,610		\$ 17.3532	\$ 0.0640	\$ 0.0081	\$ 17.4253
UGe	18,166	592	-	\$ 22,652,082	\$ 22,789,363	\$ 23,409,026	\$ 23,123,420	\$ 867,396	\$ 22,541,631	1.02	1.01	1.01	23,409,026	-	0.0%	\$ 24.52	\$ 5,344,830	24%	\$ 17,196,801	\$ 0.0290				
UGd	1,753	1,048	2,797,926	\$ 29,597,050	\$ 29,911,671	\$ 30,586,067	\$ 32,551,791	\$ 616,464	\$ 29,969,604	0.95	0.94	0.94	30,586,067	-	0.0%	\$ 102.94	\$ 2,165,144	7%	\$ 27,804,459		\$ 9.9375	\$ 0.0640		\$ 10.0015
St Lgt	5,364	122	-	\$ 12,600,360	\$ 12,540,668	\$ 13,021,415	\$ 13,890,935	\$ 394,005	\$ 12,627,410	0.93	0.94	0.94	13,021,415	-	0.0%	\$ 4.21	\$ 271,166	2%	\$ 12,356,244	\$ 0.1013				
Sen Lgt	23,822	20	-	\$ 6,848,929	\$ 6,843,174	\$ 7,077,794	\$ 6,479,101	\$ 3,574,442	\$ 3,503,351	1.09	1.09	1.08	7,013,093	(64,700)	-1.8%	\$ 3.26	\$ 931,149	27%	\$ 2,507,502	\$ 0.1239				
USL	5,633	25	-	\$ 3,204,764	\$ 3,184,708	\$ 3,311,855	\$ 3,015,274	\$ 127,409	\$ 3,184,446	1.09	1.10	1.08	3,263,786	(48,068)	-1.5%	\$ 35.76	\$ 2,417,458	77%	\$ 718,919	\$ 0.0293				
DGen	1,272	19	191,107	\$ 4,354,005	\$ 4,029,099	\$ 4,499,499	\$ 6,673,532	\$ 172,505	\$ 4,326,994	0.62	0.67	0.75	5,029,838	530,339	12.3%	\$ 198.03	\$ 3,023,548	62%	\$ 1,833,786		\$ 9.5956	\$ 0.0640		\$ 9.6596
ST	811	15,368	29,637,492	\$ 53,972,765	\$ 54,418,099	\$ 55,776,324	\$ 57,092,874	\$ 1,231,544	\$ 54,544,780	0.98	0.98	0.98	55,776,324	-	0.0%	N/A **	\$ 10,205,451	19%	\$ 44,339,330		N/A **			N/A **
	1,309,216	33,637	40,566,784	\$ 1,502,421,360	\$ 1,504,746,361	\$ 1,552,626,406	\$ 1,552,626,406	\$ 53,079,875	\$ 1,499,546,531				\$ 1,552,626,406	\$ 0			\$ 845,881,243		\$ 653,665,287					

\*\* ST rates are listed in Exhibit H1, Tab 1, Schedule 3

Total Rev \$ 1,499,546,531  
 Misc Rev \$ 53,079,875  
 Total Rev Req \$ 1,552,626,406

2019 Adjustments (from 2018 Revenue Requirement) by Rate Class

	2018	2019	% (X)
Revenue Requirement**	\$ 1,502,421,360	\$ 1,552,626,406	103.34%
Alloc Cost	\$ 1,504,746,361	\$ 1,552,626,406	103.18%
Misc Revenue	\$ 52,622,763	\$ 53,079,875	100.87%

\*\* 2018: Revenue with 2018 rates and 2019 charge determinants  
 2019: 2019 Revenue before rate design adjustments

Rate Class	2018 Current Fixed Charge	2019 All-Fixed Charge	Phase-in Period (Remaining Years)	Annual Increase in Fixed Charge	2019 Proposed Fixed Charge
UR	\$ 27.76	\$ 34.84	2	\$ 3.54	\$ 31.30
R1	\$ 37.83	\$ 59.92	5	\$ 4.42	\$ 42.25
R2	\$ 88.70	\$ 134.25	5	\$ 9.11	\$ 97.81
Seasonal	\$ 40.57	\$ 63.43	5	\$ 4.57	\$ 45.14

**2020 Rate Design Including 5th Year of Phase-in to All-Fixed Rates**

	Number of Customers	GWh	kWs	Revenue - with 2019 Rates and 2020 Charge Determinants	2019 Revenue	Revenue	Alloc Cost	Misc Rev	Revenue from Rates	2019 R/C Ratio	R/C Ratio	Target 2020 R/C Ratio	Total rev to be collected	Shifted Rev	% Change in revenue from rates	Fixed Charge (\$/month)	Revenue from Fixed Charge	Fixed Rev %	Revenue from Volumetric Charge	Volumetric Charge (\$/kWh)	Volumetric Charge (\$/kW)	CSTA Rate Adders (\$/kW)	Hopper Foundry Rate Adder (\$/kW)	Total Volumetric Charge (\$/kW)
				(Y)	(Z)	(A=Y*X <sub>RevReq</sub> )	(B=B <sub>2018</sub> *X <sub>AllocCos</sub> )	(C=C <sub>2018</sub> *X <sub>MiscRev</sub> )	(D=A-C)	(E)	(F=A/B)	(G)	(H=BxG)	(I=H-A)	(J=I/D)		(K)		(L=H-C-K)					
UR	231,390	2,064	-	\$ 101,751,736	\$ 100,615,573	\$ 104,687,129	\$ 98,107,999	\$ 5,052,704	\$ 99,634,425	1.058	1.067	1.067	\$ 104,687,129	-	0%	\$ 35.88	\$ 99,634,425	100%	\$ -					
R1	453,821	4,953	-	\$ 339,786,860	\$ 337,052,983	\$ 349,589,229	\$ 321,686,862	\$ 13,565,619	\$ 336,023,610	1.081	1.087	1.087	\$ 349,589,229	-	0%	\$ 47.11	\$ 256,571,470	76%	\$ 79,452,140	\$ 0.0160				
R2	331,741	4,457	-	\$ 549,722,196	\$ 548,372,212	\$ 565,580,901	\$ 594,847,506	\$ 16,696,767	\$ 548,884,134	0.951	0.951	0.951	\$ 565,580,901	-	0%	\$ 107.83	\$ 429,249,184	78%	\$ 119,634,951	\$ 0.0268				
Seasonal	150,145	613	-	\$ 117,059,657	\$ 117,221,930	\$ 120,436,661	\$ 111,699,138	\$ 3,206,393	\$ 117,230,269	1.082	1.078	1.078	\$ 120,436,661	-	0%	\$ 50.12	\$ 90,305,331	77%	\$ 26,924,937	\$ 0.0439				
GSe	88,405	2,043	-	\$ 162,591,237	\$ 163,904,539	\$ 167,281,763	\$ 169,115,113	\$ 5,065,922	\$ 162,215,841	1.000	0.989	0.989	\$ 167,281,763	-	0%	\$ 30.91	\$ 32,785,779	20%	\$ 129,430,062	\$ 0.0634				
GSd	5,511	2,312	7,924,744	\$ 147,173,080	\$ 147,359,617	\$ 151,418,814	\$ 158,639,692	\$ 2,747,693	\$ 148,671,122	0.958	0.954	0.954	\$ 151,418,814	-	0%	\$ 106.28	\$ 7,028,723	5%	\$ 141,642,399		\$ 17.8734	\$ 0.0643	\$ 0.0084	\$ 17.9461
UGe	18,268	591	-	\$ 23,413,102	\$ 23,409,026	\$ 24,088,537	\$ 23,849,973	\$ 871,893	\$ 23,216,644	1.012	1.010	1.010	\$ 24,088,537	-	0%	\$ 25.11	\$ 5,504,882	24%	\$ 17,711,763	\$ 0.0300				
UGd	1,762	1,047	2,787,731	\$ 30,499,427	\$ 30,586,067	\$ 31,379,292	\$ 33,574,589	\$ 619,660	\$ 30,759,632	0.940	0.935	0.935	\$ 31,379,292	-	0%	\$ 105.10	\$ 2,222,220	7%	\$ 28,537,413		\$ 10.2368	\$ 0.0643		\$ 10.3011
St Lgt	5,401	123	-	\$ 13,101,031	\$ 13,021,415	\$ 13,478,977	\$ 14,327,397	\$ 396,048	\$ 13,082,929	0.937	0.941	0.941	\$ 13,478,977	-	0%	\$ 4.33	\$ 280,948	2%	\$ 12,801,981	\$ 0.1044				
Sen Lgt	23,645	20	-	\$ 7,010,880	\$ 7,013,093	\$ 7,213,134	\$ 6,682,678	\$ 3,592,974	\$ 3,620,160	1.082	1.079	1.079	\$ 7,213,134	-	0%	\$ 3.45	\$ 980,299	27%	\$ 2,639,860	\$ 0.1312				
USL	5,667	25	-	\$ 3,287,361	\$ 3,263,786	\$ 3,382,196	\$ 3,110,016	\$ 128,069	\$ 3,254,127	1.082	1.088	1.088	\$ 3,382,196	-	0%	\$ 36.88	\$ 2,508,217	77%	\$ 745,910	\$ 0.0300				
DGen	1,396	20	198,809	\$ 5,399,008	\$ 5,029,838	\$ 5,554,762	\$ 6,883,219	\$ 173,399	\$ 5,381,363	0.754	0.807	0.807	\$ 5,554,762	-	0%	\$ 198.03	\$ 3,317,923	62%	\$ 2,063,440		\$ 10.3790	\$ 0.0643		\$ 10.4433
ST	814	15,362	29,567,094	\$ 55,712,335	\$ 55,776,324	\$ 57,319,557	\$ 58,886,770	\$ 1,237,929	\$ 56,081,629	0.977	0.973	0.973	\$ 57,319,557	-	0%	N/A **	\$ 10,492,999	19%	\$ 45,588,630		N/A **			N/A **
	1,317,967	33,631	40,478,379	\$ 1,556,507,909	\$ 1,552,626,406	\$ 1,601,410,953	\$ 1,601,410,953	\$ 53,355,069	\$ 1,548,055,884								\$ 940,882,400		\$ 607,173,484					

\*\* ST rates are listed in Exhibit H1, Tab 1, Schedule 3

Total Rev \$ 1,548,055,884  
 Misc Rev \$ 53,355,069  
 Total Rev Req \$ 1,601,410,953

	2019	2020	%
Revenue Requirement**	\$ 1,556,507,909	\$ 1,601,410,953	102.88%
Alloc Cost	\$ 1,552,626,406	\$ 1,601,410,953	103.14%
Misc Revenue	\$ 53,079,875	\$ 53,355,069	100.52%

\*\* 2019: Revenue with 2019 rates and 2020 charge determinants  
 2020: 2020 Revenue before rate design adjustments

Rate Class	2019 Current Fixed Charge	2020 All-Fixed Charge	Phase-in Period (Remaining Years)	Annual Increase in Fixed Charge	2020 Proposed Fixed Charge
UR	\$ 31.30	\$ 35.88	1	\$ 4.58	\$ 35.88
R1	\$ 42.25	\$ 61.70	4	\$ 4.86	\$ 47.11
R2	\$ 97.81	\$ 137.88	4	\$ 10.02	\$ 107.83
Seasonal	\$ 45.14	\$ 65.07	4	\$ 4.98	\$ 50.12

Tab 1 **2021 Rate Design Including 6th Year of Phase-in to All-Fixed Rates**

	Number of Customers	GWh	kWs	Revenue	Alloc Cost	Misc Rev	Revenue from Rates	2020 R/C Ratio	R/C Ratio from the CAM	Target 2021 R/C Ratio	Total rev to be collected	Shifted Rev	% Change in revenue from rates	Fixed Charge (\$/month)	Revenue from Fixed Charge	Fixed Rev %	Revenue from Volumetric Charge	Volumetric Charge (\$/kWh)	Volumetric Charge (\$/kW)	CSTA Rate Adders (\$/kW)	Hopper Foundry Rate Adder (\$/kW)	Total Volumetric Charge (\$/kW)	
	(A)	(B)	(%)	(C)	(D=A-C)	(E)	(F=A/B)	(G)	(H=BxG)	(I=H-A)	(J=I/D)	(K)	(L=H-C-K)										
UR	234,088	2,075	-	\$ 108,461,168	\$ 98,547,960	5.87%	\$ 5,037,117	\$ 103,424,050	1.07	1.101	1.098	\$ 108,197,006	(264,161)	-0.3%	\$ 36.72	\$ 103,159,889	100%	\$ (0)					
R1	457,608	4,971	-	\$ 360,664,378	\$ 326,722,562	19.46%	\$ 13,587,256	\$ 347,077,122	1.09	1.104	1.098	\$ 358,712,684	(1,951,694)	-0.6%	\$ 52.36	\$ 287,505,157	83%	\$ 57,620,271	\$ 0.0116				
R2	333,473	4,426	-	\$ 581,235,238	\$ 599,931,696	35.74%	\$ 16,735,322	\$ 564,499,916	0.95	0.969	0.969	\$ 581,235,238	-	0.0%	\$ 118.91	\$ 475,833,622	84%	\$ 88,666,293	\$ 0.0200				
Seasonal	150,445	605	-	\$ 123,311,928	\$ 111,354,149	6.63%	\$ 3,186,262	\$ 120,125,666	1.08	1.107	1.098	\$ 122,257,078	(1,054,850)	-0.9%	\$ 55.40	\$ 100,012,834	84%	\$ 19,057,982	\$ 0.0315				
GSe	88,435	2,018	-	\$ 169,918,233	\$ 170,165,401	10.14%	\$ 5,004,060	\$ 164,914,173	0.99	0.999	0.999	\$ 169,918,233	-	0.0%	\$ 31.41	\$ 33,331,145	20%	\$ 131,583,028	\$ 0.0652				
GSd	5,563	2,302	7,887,971	\$ 154,759,332	\$ 167,045,922	9.95%	\$ 2,808,317	\$ 151,951,015	0.95	0.926	0.926	\$ 154,759,332	-	0.0%	\$ 107.62	\$ 7,183,786	5%	\$ 144,767,229	\$ 0.0652	\$ 18.3529	\$ 0.0824	\$ 0.0088	\$ 18.4441
UGe	18,380	589	-	\$ 24,683,719	\$ 24,498,787	1.46%	\$ 868,745	\$ 23,814,974	1.01	1.008	1.008	\$ 24,683,719	-	0.0%	\$ 25.60	\$ 5,646,751	24%	\$ 18,168,223	\$ 0.0308				
UGd	1,772	1,044	2,771,740	\$ 32,041,885	\$ 35,423,286	2.11%	\$ 632,712	\$ 31,409,174	0.93	0.905	0.905	\$ 32,041,885	-	0.0%	\$ 106.70	\$ 2,269,146	7%	\$ 29,140,028	\$ -	\$ 10.5133	\$ 0.0824		\$ 10.5957
St Lgt	5,445	133	-	\$ 14,941,715	\$ 15,691,998	0.93%	\$ 421,651	\$ 14,520,064	0.94	0.952	0.952	\$ 14,941,715	-	0.0%	\$ 4.77	\$ 311,809	2%	\$ 14,208,254	\$ 0.1070				
Sen Lgt	23,719	21	-	\$ 6,701,274	\$ 6,650,665	0.40%	\$ 2,920,400	\$ 3,780,874	1.08	1.008	1.008	\$ 6,701,274	-	0.0%	\$ 3.60	\$ 1,023,819	27%	\$ 2,757,055	\$ 0.1338				
USL	5,944	26	-	\$ 3,635,275	\$ 3,279,004	0.20%	\$ 129,353	\$ 3,505,922	1.09	1.109	1.098	\$ 3,600,058	(35,217)	-1.0%	\$ 37.50	\$ 2,675,152	77%	\$ 795,554	\$ 0.0304				
DGen	1,508	20	204,487	\$ 6,046,176	\$ 7,410,873	0.44%	\$ 191,854	\$ 5,854,322	0.81	0.816	0.816	\$ 6,046,176	-	0.0%	\$ 198.03	\$ 3,582,790	61%	\$ 2,271,532	\$ 0.0187	\$ 11.1084	\$ 0.0824		\$ 11.1908
ST	825	15,132	29,457,615	\$ 58,667,225	\$ 65,690,134	3.91%	\$ 1,286,668	\$ 57,380,557	0.97	0.893	0.893	\$ 58,667,225	-	0.0%	N/A **	\$ 10,736,031	19%	\$ 46,644,526	\$ 0.0304	N/A **			N/A **
AUR	15,312	93	-	\$ 5,920,185	\$ 6,727,178	0.40%	\$ 267,552	\$ 5,652,634	-	0.880	0.880	\$ 5,920,185	-	0.0%	\$ 30.76	\$ 5,652,634	100%	\$ -					
AUGe	1,339	43	-	\$ 1,105,887	\$ 1,850,284	0.11%	\$ 46,673	\$ 1,059,214	-	0.598	0.695	\$ 1,285,947	180,060	17.0%	\$ 30.24	\$ 485,765	39%	\$ 753,509	\$ 0.0174				
AUGd	194	142	410,749	\$ 1,477,495	\$ 3,466,977	0.21%	\$ 57,369	\$ 1,420,126	-	0.426	0.615	\$ 2,132,191	654,696	46.1%	\$ 209.83	\$ 487,476	23%	\$ 1,587,346	\$ 0.0304	\$ 3.8645	\$ 0.0824		\$ 3.9469
AR	37,769	287	-	\$ 17,572,957	\$ 22,245,109	1.33%	\$ 744,839	\$ 16,828,118	-	0.790	0.850	\$ 18,908,343	1,335,385	7.9%	\$ 40.08	\$ 18,163,504	100%	\$ -					
AGSe	4,339	104	-	\$ 3,996,165	\$ 5,369,086	0.32%	\$ 150,945	\$ 3,845,221	-	0.744	0.785	\$ 4,214,733	218,567	5.7%	\$ 40.82	\$ 2,125,567	52%	\$ 1,938,220	\$ 0.0187				
AGSd	365	236	663,644	\$ 3,511,732	\$ 6,580,899	0.39%	\$ 104,630	\$ 3,407,102	-	0.534	0.673	\$ 4,428,945	917,213	26.9%	\$ 208.51	\$ 912,822	21%	\$ 3,411,493	\$ 0.0304	\$ 5.1405	\$ 0.0824		\$ 5.2229
	<b>1,386,522</b>	<b>34,267</b>	<b>41,396,206</b>	<b>1,678,651,970</b>	<b>1,678,651,970</b>	<b>100%</b>	<b>54,181,725</b>	<b>1,624,470,245</b>				<b>\$ 1,678,651,970</b>	<b>0</b>		<b>\$ 1,061,099,701</b>		<b>\$ 563,370,544</b>						

\*\* ST rates are listed in Exhibit H1, Tab 1, Schedule 3

Total Rev \$ 1,624,470,245  
 Misc Rev \$ 54,181,725  
 Total Rev Req \$ 1,678,651,970

Rate Class	2020 Current Fixed Charge	2021 All-Fixed Charge	Phase-in Period (Remaining Years)	Annual Increase in Fixed Charge	2021 Proposed Fixed Charge
R1	\$ 47.11	\$ 62.85	3	\$ 5.25	\$ 52.36
R2	\$ 107.83	\$ 141.07	3	\$ 11.08	\$ 118.91
Seasonal	\$ 50.12	\$ 65.95	3	\$ 5.28	\$ 55.40

**2022 Rate Design Including 7th Year of Phase-in to All-Fixed Rates**

	Number of Customers	GWh	kWs	Revenue - with 2021 Rates and 2022 Charge Determinants		2021 Revenue	Revenue	Alloc Cost	Misc Rev	Revenue from Rates	2021 R/C Ratio	R/C Ratio	Target 2022 R/C Ratio	Total rev to be collected	Shifted Rev	% Change in revenue from rates	Fixed Charge (\$/month)	Revenue from Fixed Charge	Fixed Rev %	Revenue from Volumetric Charge	Volumetric Charge (\$/kWh)	Volumetric Charge (\$/kW)	CSTA Rate Adders (\$/kW)	Hopper Foundry Rate Adder (\$/kW)	Total Volumetric Charge (\$/kW)
				(Y)	(Z)																				
UR	236,737	2,090	-	\$ 109,380,871.57	\$ 108,197,006.49	\$ 112,233,115	\$ 101,448,007	\$ 5,065,294	\$ 107,167,821	1.098	1.106	1.099	\$ 111,517,770	\$ (715,345)	-0.7%	\$ 37.47	\$ 106,452,476	100%	\$ -						
R1	461,272	4,998	-	\$ 361,417,085.51	\$ 358,712,683.86	\$ 370,841,490	\$ 336,337,281	\$ 13,663,260	\$ 357,178,229	1.098	1.103	1.099	\$ 369,722,232	\$ (1,119,258)	-0.3%	\$ 58.34	\$ 322,942,709	91%	\$ 33,116,262	\$ 0.0066					
R2	335,223	4,408	-	\$ 583,479,266.49	\$ 581,235,237.61	\$ 598,694,221	\$ 617,586,353	\$ 16,828,936	\$ 581,865,285	0.969	0.969	0.969	\$ 598,694,221	\$ -	0.0%	\$ 131.78	\$ 530,100,494	91%	\$ 51,764,790	\$ 0.0117					
Seasonal	150,701	600	-	\$ 122,277,747.93	\$ 122,257,078.00	\$ 125,466,294	\$ 114,631,055	\$ 3,204,085	\$ 122,262,209	1.098	1.095	1.095	\$ 125,466,294	\$ -	0.0%	\$ 61.50	\$ 111,223,987	91%	\$ 11,038,222	\$ 0.0184					
GSe	88,515	1,999	-	\$ 168,802,460.30	\$ 169,918,233.41	\$ 173,204,196	\$ 175,172,991	\$ 5,032,052	\$ 168,172,144	0.989	0.989	0.989	\$ 173,204,196	\$ -	0.0%	\$ 32.00	\$ 33,989,620	20%	\$ 134,182,524	\$ 0.0671					
GSd	5,612	2,297	7,871,666	\$ 154,539,478.21	\$ 154,759,332.45	\$ 158,569,289	\$ 171,961,712	\$ 2,824,026	\$ 155,745,263	0.926	0.922	0.922	\$ 158,569,289	\$ -	0.0%	\$ 109.34	\$ 7,363,167	5%	\$ 148,382,096		\$ 18.8502	\$ 0.0827	\$ 0.0088	\$ 18.9417	
UGe	18,501	589	-	\$ 24,712,009.75	\$ 24,683,719.17	\$ 25,356,406	\$ 25,219,732	\$ 873,605	\$ 24,482,802	1.008	1.005	1.005	\$ 25,356,406	\$ -	0.0%	\$ 26.15	\$ 5,805,099	24%	\$ 18,677,702	\$ 0.0317					
UGd	1,783	1,044	2,764,065	\$ 31,978,892.10	\$ 32,041,885.37	\$ 32,812,782	\$ 36,465,715	\$ 636,251	\$ 32,176,531	0.905	0.900	0.900	\$ 32,812,782	\$ -	0.0%	\$ 108.63	\$ 2,324,583	7%	\$ 29,851,948		\$ 10.8000	\$ 0.0827		\$ 10.8827	
St Lgt	5,481	133	-	\$ 15,010,442.02	\$ 14,941,715.21	\$ 15,401,858	\$ 16,153,778	\$ 424,010	\$ 14,977,848	0.952	0.953	0.953	\$ 15,401,858	\$ -	0.0%	\$ 4.89	\$ 321,640	2%	\$ 14,656,208	\$ 0.1098					
Sen Lgt	23,605	20	-	\$ 6,899,587.01	\$ 6,701,274.22	\$ 6,874,287	\$ 6,846,379	\$ 2,936,736	\$ 3,937,551	1.008	1.004	1.004	\$ 6,874,287	\$ -	0.0%	\$ 3.76	\$ 1,066,245	27%	\$ 2,871,306	\$ 0.1401					
USL	5,975	26	-	\$ 3,620,612.76	\$ 3,600,058.36	\$ 3,715,025	\$ 3,375,498	\$ 130,076	\$ 3,584,949	1.098	1.101	1.099	\$ 3,710,551	\$ (4,474)	-0.1%	\$ 38.49	\$ 2,759,760	77%	\$ 820,715	\$ 0.0311					
DGen	1,608	21	210,569	\$ 6,354,301.32	\$ 6,046,176.21	\$ 6,519,998	\$ 7,628,959	\$ 192,927	\$ 6,327,070	0.816	0.855	0.855	\$ 6,519,998	\$ -	0.0%	\$ 198.03	\$ 3,822,278	60%	\$ 2,504,792		\$ 11.8953	\$ 0.0827		\$ 11.9780	
ST	828	15,149	29,499,182	\$ 58,783,473.26	\$ 58,667,225.49	\$ 60,316,326	\$ 67,623,249	\$ 1,293,865	\$ 59,022,461	0.893	0.892	0.892	\$ 60,316,326	\$ -	0.0%	N/A **	\$ 11,043,235	19%	\$ 47,979,226		N/A **			N/A **	
AUR	15,467	92	-	\$ 5,978,131.26	\$ 5,920,185.43	\$ 6,134,019	\$ 6,925,144	\$ 269,048	\$ 5,864,970	0.880	0.886	0.886	\$ 6,134,019	\$ -	0.0%	\$ 31.60	\$ 5,864,970	100%	\$ -						
AUGe	1,352	44	-	\$ 1,298,097.05	\$ 1,285,947.36	\$ 1,331,947	\$ 1,904,734	\$ 46,934	\$ 1,285,013	0.699	0.800	0.800	\$ 1,523,787	\$ 191,840	14.9%	\$ 35.68	\$ 578,890	39%	\$ 897,963	\$ 0.0206					
AUGd	194	143	411,710	\$ 2,136,478.15	\$ 2,132,191.15	\$ 2,192,189	\$ 3,569,003	\$ 57,690	\$ 2,134,499	0.615	0.614	0.614	\$ 2,855,202	\$ 663,013	31.1%	\$ 282.77	\$ 657,271	23%	\$ 2,140,241		\$ 5.1984	\$ 0.0827		\$ 5.2811	
AR	38,018	284	-	\$ 19,034,096.37	\$ 18,908,342.67	\$ 19,530,434	\$ 22,899,733	\$ 749,006	\$ 18,781,429	0.850	0.853	0.853	\$ 19,530,434	\$ -	0.0%	\$ 41.17	\$ 18,781,429	100%	\$ (0)						
AGSe	4,337	102	-	\$ 4,191,569.95	\$ 4,214,732.64	\$ 4,300,870	\$ 5,527,086	\$ 151,789	\$ 4,149,081	0.785	0.778	0.800	\$ 4,421,669	\$ 120,799	2.9%	\$ 42.92	\$ 2,233,364	52%	\$ 2,036,516	\$ 0.0199					
AGSd	371	236	662,981	\$ 4,440,433.28	\$ 4,428,944.89	\$ 4,556,223	\$ 6,774,560	\$ 105,215	\$ 4,451,008	0.673	0.673	0.800	\$ 5,419,648	\$ 863,425	19.4%	\$ 252.30	\$ 1,121,826	21%	\$ 4,192,607		\$ 6.3239	\$ 0.0827		\$ 6.4066	
				<b>1,395,578</b>	<b>34,276</b>	<b>41,420,173</b>	<b>1,684,135,034</b>	<b>1,678,651,970</b>	<b>1,728,050,969</b>	<b>1,728,050,969</b>	<b>54,484,807</b>	<b>1,673,566,162</b>		<b>\$ 1,728,050,969</b>	<b>0</b>		<b>\$ 1,168,453,045</b>		<b>\$ 505,113,117</b>						

\*\* ST rates are listed in Exhibit H1, Tab 1, Schedule 3

Total Rev \$ 1,673,566,162  
 Misc Rev \$ 54,484,807  
 Total Rev Req \$ 1,728,050,969

	2021	2022	%
Revenue Requirement**	\$ 1,684,135,034	\$ 1,728,050,969	102.61%
Alloc Cost	\$ 1,678,651,970	\$ 1,728,050,969	102.94%
Misc Revenue	\$ 54,181,725	\$ 54,484,807	100.56%

\*\* 2021: Revenue with 2021 rates and 2022 charge determinants  
 2022: 2022 Revenue before rate design adjustments

Rate Class	2021 Current Fixed Charge	2022 All-Fixed Charge	Phase-in Period (Remaining Years)	Annual Increase in Fixed Charge	2022 Proposed Fixed Charge
R1	\$ 52.36	\$ 64.33	2	\$ 5.98	\$ 58.34
R2	\$ 118.91	\$ 144.65	2	\$ 12.87	\$ 131.78
Seasonal	\$ 55.40	\$ 67.61	2	\$ 6.10	\$ 61.50

Derivation of ST Common Line Charge

Minus	2018			2019			2020			2021			2022		
	Billing Quantity (Annual)	Rates	Revenue Generated (Annual)	Billing Quantity (Annual)	Rates	Revenue Generated (Annual)	Billing Quantity (Annual)	Rates	Revenue Generated (Annual)	Billing Quantity (Annual)	Rates	Revenue Generated (Annual)	Billing Quantity (Annual)	Rates	Revenue Generated (Annual)
HVDS-high cost allocation	999,806	1.8451 \$/kW	\$ 1,844,741	986,170.71	1.8451 \$/kW	\$ 1,819,584	982,699.90	1.8451 \$/kW	\$ 1,813,180	988,107.03	1.8773 \$/kW	\$ 1,854,973	990,871	1.8773 \$/kW	\$ 1,860,162
HVDS-low cost allocation	42,250	3.3687 \$/kW	\$ 142,327	41,424.11	3.3823 \$/kW	\$ 140,109	41,384.10	3.3827 \$/kW	\$ 139,990	41,199.65	3.6791 \$/kW	\$ 151,578	41,000	3.6780 \$/kW	\$ 150,796
LVDS-low cost allocation	848,214	1.5236 \$/kW	\$ 1,292,339	840,706.28	1.5372 \$/kW	\$ 1,292,334	840,484.07	1.5376 \$/kW	\$ 1,292,328	776,996.41	1.8018 \$/kW	\$ 1,399,992	777,489	1.8007 \$/kW	\$ 1,400,025
Specific ST lines	830	643.6199 \$/kM	\$ 534,238	830	643.6199 \$/kM	\$ 534,238	830	643.6199 \$/kM	\$ 534,238	830	719.0339 \$/kM	\$ 596,836	830	719.0339 \$/kM	\$ 596,836
Plus:															
Service Charge (per Delivery Point)	9,699	533.12 \$	\$ 5,170,710	9,733	544.70 \$	\$ 5,301,715	9,767	558.13 \$	\$ 5,451,042	9,896	563.60 \$	\$ 5,577,305	9,936	577.40 \$	\$ 5,736,884
Meter Charge (for Hydro One ownership per Meter Point)	7,128	670.96 \$	\$ 4,782,603	7,191	681.93 \$	\$ 4,903,760	7,216	698.75 \$	\$ 5,041,925	7,311	705.60 \$	\$ 5,158,725	7,341	722.88 \$	\$ 5,306,350
Total revenue generated through other delivery charges:			\$ 13,766,958			\$ 13,991,740			\$ 14,272,703			\$ 14,739,409			\$ 15,051,053
Revenue to be collected by ST (adjusted for change in revenue from Rates Design balancing Rev/Cost Ratio, if applicable)			\$ 53,197,161			\$ 54,544,780			\$ 56,081,629			\$ 57,380,557			\$ 59,022,461
ST Common Line Revenue Requirement (Annual \$)			\$ 39,430,203			\$ 40,553,041			\$ 41,808,926			\$ 42,641,149			\$ 43,971,408
ST Common Line Charge Determinant (Annual kM)	29,977,946			29,637,492			29,567,094			29,457,615			29,499,182		
<b>ST Common Line Charge (Monthly \$/kW)</b>		<b>\$ 1.3153</b>			<b>\$ 1.3683</b>			<b>\$ 1.4140</b>			<b>\$ 1.4475</b>			<b>\$ 1.4906</b>	



**Derivation of Facility Charge for connection to Specific ST Lines**

		2018		2021	
		Total	Assigned to Lines	Total	Assigned to Lines
	Costs: di Lines - 50kV to 750V	\$ 230,507,206	\$ 230,507,206	\$ 248,619,795	\$ 248,619,795
	Costs: di General + di Remainder	\$ 69,137,376		\$ 77,913,026	
	Costs: cu group (excluding customer premise costs)	\$ 66,823,896		\$ 68,632,845	
	Proportion of Total (di+cu) Costs allocated to ST Lines	62.90%		62.92%	
<b>Expenses</b>					
<b>di</b>	Distribution Costs (di)	\$ 299,644,582	\$ 230,507,206	\$ 326,532,820	\$ 248,619,795
<b>cu</b>	Customer Related Costs (cu)	\$ 114,393,736		\$ 119,836,845	
<b>ad</b>	General and Administration (ad)	\$ 167,835,912	\$ 105,568,117	\$ 168,476,276	\$ 105,997,410
<b>dep</b>	Depreciation and Amortization (dep)	\$ 394,395,283	\$ 248,073,055	\$ 445,369,911	\$ 280,205,963
<b>INPUT</b>	PILs (INPUT)	\$ 58,009,696	\$ 36,487,866	\$ 68,301,992	\$ 42,972,426
<b>INT</b>	Interest	\$ 190,949,519	\$ 120,106,484	\$ 223,533,626	\$ 140,636,926
	<b>Direct Allocation</b>	\$ 10,066,066	\$ -	\$ 11,181,439	\$ -
<b>NI</b>	Allocated Net Income (NI)	\$ 269,451,569	\$ 169,483,959	\$ 315,419,060	\$ 198,446,952
	<b>Total Revenue Requirement (includes NI)</b>	\$ 1,504,746,361	\$ 910,226,686	\$ 1,678,651,970	\$ 1,016,879,472

**Specific Line Rates Calculation**

Annual costs associated with all HON "50 kV to 750 V" Line Assets	\$ 910,226,686	\$ 1,016,879,472
Total km of 50kV-to-4.16kV line (Actual 2016, km)	117,853	117,853

**ST Specific Line Rate (Monthly, per km)\*** \$ 643.6199 \$ 719.0339

\* 2018 rate will be maintained in 2019 and 2020, and 2021 rate will be maintained in 2022

2018 Revenue Reconciliation

Rate Class	Customers/ Connections	Number of Customers/ Connections (Average)	Test Year Consumption		Draft Rates		Revenues at Draft Rates	Class Specific Revenue Requirement	Transformer Allowance Credit	Total	Difference		
			kWh	kW	Monthly Service Charge	Volumetric							
							kWh	kW					
Residential – Urban [UR]	Customers	225,944	2,047,262,889	-	\$ 27.76	\$ 0.0079			\$ 91,439,904	\$ 91,429,002	\$ 91,429,002	-\$ 10,902	
Residential – Medium Density [R1]	Customers	446,102	4,924,068,303	-	\$ 37.83	\$ 0.0220			\$ 310,841,745	\$ 311,034,450	\$ 311,034,450	\$ 192,704	
Residential – Low Density [R2]	Customers	328,410	4,539,367,306	-	\$ 88.70	\$ 0.0363			\$ 514,339,013	\$ 514,470,306	\$ 514,470,306	\$ 131,293	
Seasonal Residential	Customers	149,485	631,921,216	-	\$ 40.57	\$ 0.0608			\$ 111,195,916	\$ 111,219,385	\$ 111,219,385	\$ 23,469	
General Service Energy Billed (less than 50 kW) [GSe]	Customers	88,484	2,104,034,980	-	\$ 29.68	\$ 0.0591			\$ 155,862,893	\$ 155,943,148	\$ 155,943,148	\$ 80,255	
General Service Demand Billed (50 kW and above) [GSd]	Customers	5,406	2,341,979,038	8,025,918	\$ 102.93		\$ 16.7653		\$ 141,233,766	\$ 141,234,147	\$ 141,234,147	\$ 381	
Urban General Service Energy Billed (less than 50 kW) [UGe]	Customers	18,074	598,366,765	-	\$ 23.97	\$ 0.0280			\$ 21,953,039	\$ 21,929,437	\$ 21,929,437	-\$ 23,601	
Urban General Service Demand Billed (50 kW and above) [UGd]	Customers	1,744	1,057,526,028	2,832,322	\$ 101.13		\$ 9.5977		\$ 29,300,517	\$ 29,300,516	\$ 29,300,516	-\$ 0	
Street Lighting	Customers	5,323	121,367,848	-	\$ 4.08	\$ 0.0980			\$ 12,154,674	\$ 12,150,056	\$ 12,150,056	-\$ 4,618	
Sentinel Lighting	Customers	23,987	20,385,578	-	\$ 3.10	\$ 0.1180			\$ 3,297,809	\$ 3,299,513	\$ 3,299,513	\$ 1,705	
Unmetered Scattered Load [USL]	Customers	5,597	24,437,190	-	\$ 35.10	\$ 0.0287			\$ 3,058,913	\$ 3,058,397	\$ 3,058,397	-\$ 516	
Distributed Generation [DGen]	Customers	1,152	18,368,070	184,739	\$ 198.03		\$ 6.0592		\$ 3,858,085	\$ 3,858,080	\$ 3,858,080	-\$ 6	
Sub-Transmission [ST]	Customers	808	15,528,383,151	29,977,946	\$ 1,026.22		\$ 1.4425		\$ 53,196,455	\$ 53,197,161	\$ 53,197,161	\$ 706	
<b>Total</b>									\$ 1,451,732,729	\$ 1,452,123,598	\$ -	\$ 1,452,123,598	\$ 390,869

Note

- 1 The class specific revenue requirements in column K must be the amounts used in the final rate design process. The total of column K should equate to the rates revenue requirement.
- 2 Rates should be entered with the number of decimal places that will show on the Tariff of Rates and Charges.

2019 Revenue Reconciliation

Rate Class	Customers/ Connections	Number of Customers/C onnections (Average)	Test Year Consumption		Draft Rates			Revenues at Draft Rates	Class Specific Revenue Requirement	Transformer Allowance Credit	Total	Difference
			kWh	kW	Monthly Service Charge	Volumetric						
						kWh	kW					
Residential – Urban [UR]	Customers	228,666	2,047,339,001	-	\$ 31.30	\$ 0.0047		\$ 95,509,621	\$ 95,588,930		\$ 95,588,930	\$ 79,309
Residential – Medium Density [R1]	Customers	449,958	4,917,201,793	-	\$ 42.25	\$ 0.0194		\$ 323,522,504	\$ 323,557,333		\$ 323,557,333	\$ 34,829
Residential – Low Density [R2]	Customers	330,076	4,478,345,990	-	\$ 97.81	\$ 0.0322		\$ 531,619,991	\$ 531,761,564		\$ 531,761,564	\$ 141,573
Seasonal Residential	Customers	149,813	619,771,621	-	\$ 45.14	\$ 0.0530		\$ 113,998,833	\$ 114,032,075		\$ 114,032,075	\$ 33,242
General Service Energy Billed (less than 50 kW) [GSe]	Customers	88,423	2,064,247,047	-	\$ 30.26	\$ 0.0614		\$ 158,852,751	\$ 158,864,746		\$ 158,864,746	\$ 11,995
General Service Demand Billed (50 kW and above) [GSd]	Customers	5,457	2,316,983,638	7,940,259	\$ 104.42		\$ 17.3532	\$ 144,626,693	\$ 144,626,097		\$ 144,626,097	\$ -596
Urban General Service Energy Billed (less than 50 kW) [UGe]	Customers	18,166	592,270,624	-	\$ 24.52	\$ 0.0290		\$ 22,521,110	\$ 22,541,631		\$ 22,541,631	\$ 20,520
Urban General Service Demand Billed (50 kW and above) [UGd]	Customers	1,753	1,047,731,808	2,797,926	\$ 102.94		\$ 9.9375	\$ 29,969,460	\$ 29,969,604		\$ 29,969,604	\$ 144
Street Lighting	Customers	5,364	121,925,376	-	\$ 4.21	\$ 0.1013		\$ 12,622,006	\$ 12,627,410		\$ 12,627,410	\$ 5,404
Sentinel Lighting	Customers	23,822	20,235,185	-	\$ 3.26	\$ 0.1239		\$ 3,439,074	\$ 3,438,651		\$ 3,438,651	\$ -423
Unmetered Scattered Load [USL]	Customers	5,633	24,560,309	-	\$ 35.76	\$ 0.0293		\$ 3,137,012	\$ 3,136,377		\$ 3,136,377	\$ -635
Distributed Generation [DGen]	Customers	1,272	19,001,248	191,107	\$ 198.03		\$ 9.5956	\$ 4,857,338	\$ 4,857,333		\$ 4,857,333	\$ -5
Sub-Transmission [ST]	Customers	811	15,367,777,027	29,637,492	\$ 1,048.51		\$ 1.4961	\$ 54,546,089	\$ 54,544,780		\$ 54,544,780	\$ -1,308
<b>Total</b>								\$ 1,499,222,483	\$ 1,499,546,531	\$ -	\$ 1,499,546,531	\$ 324,047

Note

- 1 The class specific revenue requirements in column K must be the amounts used in the final rate design process. The total of column K should equate to the rates revenue requirement.
- 2 Rates should be entered with the number of decimal places that will show on the Tariff of Rates and Charges.

2020 Revenue Reconciliation

Rate Class	Customers/ Connections	Number of Customers/C onnections (Average)	Test Year Consumption		Draft Rates			Revenues at Draft Rates	Class Specific Revenue Requirement	Transformer Allowance Credit	Total	Difference
			kWh	kW	Monthly Service Charge	Volumetric						
						kWh	kW					
Residential – Urban [UR]	Customers	231,390	2,064,454,439	-	\$ 35.88	\$ -		\$ 99,627,296	\$ 99,634,425		\$ 99,634,425	\$ 7,129
Residential – Medium Density [R1]	Customers	453,821	4,953,183,920	-	\$ 47.11	\$ 0.0160		\$ 335,805,227	\$ 336,023,610		\$ 336,023,610	\$ 218,383
Residential – Low Density [R2]	Customers	331,741	4,456,998,731	-	\$ 107.83	\$ 0.0268		\$ 548,706,953	\$ 548,884,134		\$ 548,884,134	\$ 177,182
Seasonal Residential	Customers	150,145	613,086,833	-	\$ 50.12	\$ 0.0439		\$ 117,217,508	\$ 117,230,269		\$ 117,230,269	\$ 12,760
General Service Energy Billed (less than 50 kW) [GSe]	Customers	88,405	2,042,548,312	-	\$ 30.91	\$ 0.0634		\$ 162,288,593	\$ 162,215,841		\$ 162,215,841	-\$ 72,752
General Service Demand Billed (50 kW and above) [GSd]	Customers	5,511	2,312,456,387	7,924,744	\$ 106.28		\$ 17.8734	\$ 148,671,150	\$ 148,671,122		\$ 148,671,122	-\$ 29
Urban General Service Energy Billed (less than 50 kW) [UGe]	Customers	18,268	591,211,185	-	\$ 25.11	\$ 0.0300		\$ 23,240,843	\$ 23,216,644		\$ 23,216,644	-\$ 24,198
Urban General Service Demand Billed (50 kW and above) [UGd]	Customers	1,762	1,046,863,808	2,787,731	\$ 105.10		\$ 10.2368	\$ 30,759,737	\$ 30,759,632		\$ 30,759,632	-\$ 104
Street Lighting	Customers	5,401	122,674,116	-	\$ 4.33	\$ 0.1044		\$ 13,087,815	\$ 13,082,929		\$ 13,082,929	-\$ 4,886
Sentinel Lighting	Customers	23,645	20,117,348	-	\$ 3.45	\$ 0.1312		\$ 3,618,313	\$ 3,620,160		\$ 3,620,160	\$ 1,846
Unmetered Scattered Load [USL]	Customers	5,667	24,848,190	-	\$ 36.88	\$ 0.0300		\$ 3,253,559	\$ 3,254,127		\$ 3,254,127	\$ 567
Distributed Generation [DGen]	Customers	1,396	19,766,983	198,809	\$ 198.03		\$ 10.3790	\$ 5,381,361	\$ 5,381,363		\$ 5,381,363	\$ 2
Sub-Transmission [ST]	Customers	814	15,362,340,281	29,567,094	\$ 1,074.37		\$ 1.5419	\$ 56,082,463	\$ 56,081,629		\$ 56,081,629	-\$ 835
<b>Total</b>								\$ 1,547,740,817	\$ 1,548,055,884	\$ -	\$ 1,548,055,884	\$ 315,067

Note

- 1 The class specific revenue requirements in column K must be the amounts used in the final rate design process. The total of column K should equate to the rates revenue requirement.
- 2 Rates should be entered with the number of decimal places that will show on the Tariff of Rates and Charges.

2021 Revenue Reconciliation

Rate Class	Customers/ Connections	Number of Customers/ Connections (Average)	Test Year Consumption		Draft Rates			Revenues at Draft Rates	Class Specific Revenue Requirement	Transformer Allowance Credit	Total	Difference
			kWh	kW	Monthly Service Charge	Volumetric						
						kWh	kW					
Residential – Urban [UR]	Customers	234,088	2,075,368,926	-	\$ 36.72	\$ -		\$ 103,148,520	\$ 103,159,889		\$ 103,159,889	\$ 11,369
Residential – Medium Density [R1]	Customers	457,608	4,971,183,532	-	\$ 52.36	\$ 0.0116		\$ 345,190,062	\$ 345,125,428		\$ 345,125,428	-\$ 64,634
Residential – Low Density [R2]	Customers	333,473	4,425,991,400	-	\$ 118.91	\$ 0.0200		\$ 564,358,848	\$ 564,499,916		\$ 564,499,916	\$ 141,067
Seasonal Residential	Customers	150,445	605,493,061	-	\$ 55.40	\$ 0.0315		\$ 119,089,092	\$ 119,070,816		\$ 119,070,816	-\$ 18,275
General Service Energy Billed (less than 50 kW) [GSe]	Customers	88,435	2,017,505,440	-	\$ 31.41	\$ 0.0652		\$ 164,874,454	\$ 164,914,173		\$ 164,914,173	\$ 39,719
General Service Demand Billed (50 kW and above) [GSd]	Customers	5,563	2,301,725,939	7,887,971	\$ 107.62		\$ 18.3529	\$ 151,951,194	\$ 151,951,015		\$ 151,951,015	-\$ 179
Urban General Service Energy Billed (less than 50 kW) [UGe]	Customers	18,380	589,001,013	-	\$ 25.60	\$ 0.0308		\$ 23,787,467	\$ 23,814,974		\$ 23,814,974	\$ 27,507
Urban General Service Demand Billed (50 kW and above) [UGd]	Customers	1,772	1,043,858,333	2,771,740	\$ 106.70		\$ 10.5133	\$ 31,409,314	\$ 31,409,174		\$ 31,409,174	-\$ 140
Street Lighting	Customers	5,445	132,827,621	-	\$ 4.77	\$ 0.1070		\$ 14,524,207	\$ 14,520,064		\$ 14,520,064	-\$ 4,143
Sentinel Lighting	Customers	23,719	20,598,751	-	\$ 3.60	\$ 0.1338		\$ 3,780,793	\$ 3,780,874		\$ 3,780,874	\$ 81
Unmetered Scattered Load [USL]	Customers	5,944	26,193,559	-	\$ 37.50	\$ 0.0304		\$ 3,471,300	\$ 3,470,706		\$ 3,470,706	-\$ 594
Distributed Generation [DGen]	Customers	1,508	20,331,530	204,487	\$ 198.03		\$ 11.1084	\$ 5,854,313	\$ 5,854,322		\$ 5,854,322	\$ 9
Sub-Transmission [ST]	Customers	825	15,132,132,885	29,457,615	\$ 1,084.90		\$ 1.5834	\$ 57,379,203	\$ 57,380,557		\$ 57,380,557	\$ 1,355
Residential – Acquired Urban [AUR]	Customers	15,312	92,804,245	-	\$ 30.76			\$ 5,651,930	\$ 5,652,634		\$ 5,652,634	\$ 704
Urban Acquired General Service Energy Billed (less than 50 kW) [AUGe]	Customers	1,339	43,284,079	-	\$ 30.24	\$ 0.0174		\$ 1,238,865	\$ 1,239,275		\$ 1,239,275	\$ 410
Urban Acquired General Service Demand Billed (50 kW and above) [AUGd]	Customers	194	142,271,592	410,749	\$ 209.83		\$ 3.8645	\$ 2,074,816	\$ 2,074,822		\$ 2,074,822	\$ 6
Residential – Acquired Mixed Density [AR]	Customers	37,769	287,240,419	-	\$ 40.08			\$ 18,165,308	\$ 18,163,504		\$ 18,163,504	-\$ 1,805
Acquired General Service Energy Billed (less than 50 kW) [AGSe]	Customers	4,339	103,513,037	-	\$ 40.82	\$ 0.0187		\$ 4,061,032	\$ 4,063,788		\$ 4,063,788	\$ 2,755
Acquired General Service Demand Billed (50 kW and above) [AGSd]	Customers	365	235,941,130	663,644	\$ 208.51		\$ 5.1405	\$ 4,324,274	\$ 4,324,315		\$ 4,324,315	\$ 42
<b>Total</b>								\$ 1,624,334,992	\$ 1,624,470,245	\$ -	\$ 1,624,470,245	\$ 135,254

Note

- 1 The class specific revenue requirements in column K must be the amounts used in the final rate design process. The total of column K should equate to the rates revenue requirement.
- 2 Rates should be entered with the number of decimal places that will show on the Tariff of Rates and Charges.

2022 Revenue Reconciliation

Rate Class	Customers/ Connections	Number of Customers/ Connections (Average)	Test Year Consumption		Draft Rates		Revenues at Draft Rates	Class Specific Revenue Requirement	Transformer Allowance Credit	Total	Difference	
			kWh	kW	Monthly Service Charge	Volumetric						
						kWh	kW					
Residential – Urban [UR]	Customers	236,737	2,090,411,223	-	\$ 37.47	\$ -		\$ 106,446,206	\$ 106,452,476		\$ 106,452,476	\$ 6,270
Residential – Medium Density [R1]	Customers	461,272	4,997,679,120	-	\$ 58.34	\$ 0.0066		\$ 355,912,011	\$ 356,058,971		\$ 356,058,971	\$ 146,960
Residential – Low Density [R2]	Customers	335,223	4,408,437,098	-	\$ 131.78	\$ 0.0117		\$ 581,686,182	\$ 581,865,285		\$ 581,865,285	\$ 179,102
Seasonal Residential General Service Energy Billed (less than 50 kW) [GSe]	Customers	150,701	600,089,302	-	\$ 61.50	\$ 0.0184		\$ 122,258,693	\$ 122,262,209		\$ 122,262,209	\$ 3,516
General Service Demand Billed (50 kW and above) [GSd]	Customers	88,515	1,999,481,405	-	\$ 32.00	\$ 0.0671		\$ 168,154,805	\$ 168,172,144		\$ 168,172,144	\$ 17,339
Urban General Service Energy Billed (less than 50 kW) [UGe]	Customers	5,612	2,296,967,927	7,871,666	\$ 109.34		\$ 18.8502	\$ 155,745,784	\$ 155,745,263		\$ 155,745,263	-\$ 521
Urban General Service Demand Billed (50 kW and above) [UGd]	Customers	18,501	588,566,373	-	\$ 26.15	\$ 0.0317		\$ 24,463,251	\$ 24,482,802		\$ 24,482,802	\$ 19,550
Street Lighting	Customers	1,783	1,043,919,652	2,764,065	\$ 108.63		\$ 10.8000	\$ 32,176,507	\$ 32,176,531		\$ 32,176,531	\$ 24
Sentinel Lighting	Customers	5,481	133,429,997	-	\$ 4.89	\$ 0.1098		\$ 14,972,249	\$ 14,977,848		\$ 14,977,848	\$ 5,599
Unmetered Scattered Load [USL]	Customers	23,605	20,494,533	-	\$ 3.76	\$ 0.1401		\$ 3,936,351	\$ 3,937,551		\$ 3,937,551	\$ 1,200
Distributed Generation [DGen]	Customers	5,975	26,397,633	-	\$ 38.49	\$ 0.0311		\$ 3,580,735	\$ 3,580,474		\$ 3,580,474	-\$ 261
Sub-Transmission [ST]	Customers	1,608	20,936,266	210,569	\$ 198.03		\$ 11.8953	\$ 6,327,061	\$ 6,327,070		\$ 6,327,070	\$ 9
Residential – Acquired Urban [AUR]	Customers	828	15,149,405,058	29,499,182	\$ 1,111.47		\$ 1.6265	\$ 59,023,674	\$ 59,022,461		\$ 59,022,461	-\$ 1,213
Urban Acquired General Service Energy Billed (less than 50 kW) [AUGe]	Customers	15,467	91,767,419	-	\$ 31.60			\$ 5,864,988	\$ 5,864,970		\$ 5,864,970	-\$ 17
Urban Acquired General Service Demand Billed (50 kW and above) [AUGd]	Customers	1,352	43,685,012	-	\$ 35.68	\$ 0.0206		\$ 1,478,855	\$ 1,476,853		\$ 1,476,853	-\$ 2,002
Residential – Acquired Mixed Density [AR]	Customers	194	142,604,414	411,710	\$ 282.77		\$ 5.1984	\$ 2,797,502	\$ 2,797,512		\$ 2,797,512	\$ 10
Acquired General Service Energy Billed (less than 50 kW) [AGSe]	Customers	38,018	284,062,949	-	\$ 41.17			\$ 18,782,365	\$ 18,781,429		\$ 18,781,429	-\$ 936
Acquired General Service Demand Billed (50 kW and above) [AGSd]	Customers	4,337	102,300,056	-	\$ 42.92	\$ 0.0199		\$ 4,269,328	\$ 4,269,880		\$ 4,269,880	\$ 552
<b>Total</b>		371	235,706,494	662,981	\$ 252.30		\$ 6.3239	\$ 5,314,471	\$ 5,314,433		\$ 5,314,433	-\$ 38
								\$ 1,673,191,018	\$ 1,673,566,162	\$ -	\$ 1,673,566,162	\$ 375,144

Note

- 1 The class specific revenue requirements in column K must be the amounts used in the final rate design process. The total of column K should equate to the rates revenue requirement.
- 2 Rates should be entered with the number of decimal places that will show on the Tariff of Rates and Charges.

PROPOSED RATE SCHEDULES 2018

**Hydro One Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**  
**This schedule supersedes and replaces all previously  
approved schedules of Rates, Charges and Loss Factors**

## RESIDENTIAL SERVICE CLASSIFICATIONS

A year-round residential customer classification applies to a customer's main place of abode and may include additional buildings served through the same meter, provided they are not rental income units. All of the following criteria must be met:

1. Occupant represents and warrants to Hydro One Networks Inc. that for so long as he/she has year-round residential rate status for the identified dwelling, he/she will not designate another property that he/she owns as a year-round residence for purposes of Hydro One rate classification.
2. Occupier must live in this residence for at least four (4) days of the week for eight (8) months of the year and the Occupier must not reside anywhere else for more than three (3) days a week during eight (8) months of the year.
3. The address of this residence must appear on documents such as the occupant's electric bill, driver's licence, credit card invoice, property tax bill, etc.
4. Occupants who are eligible to vote in Provincial or Federal elections must be enumerated for this purpose at the address of this residence.

Seasonal Residential customer classification is defined as any residential service that does not meet residential year-round criteria. It includes dwellings such as cottages, chalets and camps.

Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

## APPLICATION

Hydro One Networks' residential service area is sub-divided into three density zones according to the following:

- Urban Density Zone is defined as areas containing 3,000 or more customers with a line density of at least 60 customers per circuit kilometer.
- Medium Density Zone is defined as areas containing 100 or more customers with a line density of at least 15 customers per circuit kilometer.
- Low Density Zone is defined as areas other than Urban or Medium Density Zone.

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, it should be noted that the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

**Hydro One Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**

This schedule supersedes and replaces all previously  
 approved schedules of Rates, Charges and Loss Factors

**RESIDENTIAL SERVICE CLASSIFICATIONS**

**YEAR-ROUND URBAN DENSITY – UR**

**MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	27.76
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018	\$	0.01
Rate Rider for Smart Metering Entity Charge – effective until December 31, 2018	\$	0.79
Rate Rider for Disposition of Global Adjustment Account (2018) – effective until December 31, 2018 Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	0.0019
Distribution Volumetric Rate	\$/kWh	0.0079
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018 Applicable only for Non-WMP Class B Customers (see Note 12)	\$/kWh	0.0001
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0078
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0064

**MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate – not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**YEAR-ROUND MEDIUM DENSITY – R1**

**MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	37.83
Rate Rider for Smart Metering Entity Charge – effective until December 31, 2018	\$	0.79
Rate Rider for Disposition of Global Adjustment Account (2018) – effective until December 31, 2018 Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	0.0019
Distribution Volumetric Rate	\$/kWh	0.0220
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018 Applicable only for Non-WMP Class B Customers (see Note 12)	\$/kWh	0.0001
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0072
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0060

**MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate – not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**RESIDENTIAL SERVICE CLASSIFICATIONS**

**Hydro One Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**

**This schedule supersedes and replaces all previously  
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**YEAR-ROUND LOW DENSITY – R2**

**MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge*	\$	88.70
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018	\$	(0.02)
Rate Rider for Smart Metering Entity Charge – effective until December 31, 2018	\$	0.79
Rate Rider for Disposition of Global Adjustment Account (2018) – effective until December 31, 2018 Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	0.0019
Distribution Volumetric Rate	\$/kWh	0.0363
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018 Applicable only for Non-WMP Class B Customers (see Note 12)	\$/kWh	0.0001
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0067
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0056

\* Under the Ontario Energy Board Act, 1998 and associated Regulations, every qualifying year-round customer with a principal residence is eligible to receive Rural or Remote Rate Protection (RRRP). The service charge shown for eligible R2 customers will be reduced by the applicable RRRP credit, currently at \$63.59.

**MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**SEASONAL**

**MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	40.57
Rate Rider for Smart Metering Entity Charge – effective until December 31, 2018	\$	0.79
Rate Rider for Disposition of Global Adjustment Account (2018) – effective until December 31, 2018 Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	0.0019
Distribution Volumetric Rate	\$/kWh	0.0608
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018 Applicable only for Non-WMP Class B Customers (see Note 12)	\$/kWh	0.0001
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0057
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0048

**MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
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## ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

In addition to the charges specified on the preceding Residential Service Classification pages of this tariff of rates and charges, the following credits are to be applied to eligible residential customers.

### APPLICATION

The application of the credits is in accordance with the Distribution System Code (Section 9) and subsection 79.2 of the Ontario Energy Board Act, 1998.

The application of these credits shall be in accordance with the License of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

In this class:

“Aboriginal person” includes a person who is a First Nations person, a Métis person or an Inuit person; “account-holder” means a consumer who has an account with a distributor that falls within a residential-rate classification as specified in a rate order made by the Ontario Energy Board under section 78 of the Act, and who lives at the service address to which the account relates for at least six months in a year;

“electricity-intensive medical device” means an oxygen concentrator, a mechanical ventilator, or such other device as may be specified by the Ontario Energy Board;

“household” means the account-holder and any other people living at the account-holder’s service address for at least six months in a year, including people other than the account-holder’s spouse, children or other relatives;

“household income” means the combined annual after-tax income of all members of a household aged 16 or over;

### MONTHLY RATES AND CHARGES

#### Class A

- (a) account-holders with a household income of \$28,000 or less living in a household of one or two persons;
  - (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of three persons;
  - (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of five persons;
  - (d) account-holders with a household income of between \$48,001 and \$52,000 living in a household of seven or more persons;
- but does not include account-holders in Class E.

OESP Credit \$ (30.00)

#### Class B

- (a) account-holders with a household income of \$28,000 or less living in a household of three persons;
  - (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of four persons;
  - (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons;
- but does not include account-holders in Class F.

OESP Credit \$ (34.00)

#### Class C

- (a) account-holders with a household income of \$28,000 or less living in a household of four persons;
  - (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of five persons;
  - (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more persons;
- but does not include account-holders in Class G.

OESP Credit \$ (38.00)

**Hydro One Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
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**ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS**

**Class D**

(a) account-holders with a household income of \$28,000 or less living in a household of five persons;  
(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of six persons;  
but does not include account-holders in Class H.

OESP Credit \$ (42.00)

**Class E**

Class E comprises account-holders with a household income and household size described under Class A who also meet any of the following conditions:

(a) the dwelling to which the account relates is heated primarily by electricity;  
(b) the account-holder or any member of the account-holder's household is an Aboriginal person; or  
(c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (45.00)

**Class F**

(a) account-holders with a household income of \$28,000 or less living in a household of six or more persons;  
(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of seven or more persons; or  
(c) account-holders with a household income and household size described under Class B who also meet any of the following conditions:

i. the dwelling to which the account relates is heated primarily by electricity;  
ii. the account-holder or any member of the account-holder's household is an Aboriginal person; or  
iii. the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (50.00)

**Class G**

Class G comprises account-holders with a household income and household size described under Class C who also meet any of the following conditions:

(a) the dwelling to which the account relates is heated primarily by electricity;  
(b) the account-holder or any member of the account-holder's household is an Aboriginal person; or  
(c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (55.00)

**Class H**

Class H comprises account-holders with a household income and household size described under Class D who also meet any of the following conditions:

(a) the dwelling to which the account relates is heated primarily by electricity;  
(b) the account-holder or any member of the account-holder's household is an Aboriginal person; or  
(c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (60.00)

**Class I**

Class I comprises account-holders with a household income and household size described under paragraphs (a) or (b) of Class F who also meet any of the following conditions:

(a) the dwelling to which the account relates is heated primarily by electricity;  
(b) the account-holder or any member of the account-holder's household is an Aboriginal person; or  
(c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (75.00)

**Hydro One Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
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Filed: 2017-03-31  
EB-2017-0049  
Exhibit H1  
Schedule 2  
Tab 1  
Page 7 of 21

## **GENERAL SERVICE CLASSIFICATIONS**

General Service classification applies to any service that does not fit the description of residential classes. It includes combination type services where a variety of uses are made of the service by the owner of one property, and all multiple services except residential. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

Hydro One Networks' General Service area is sub-divided into two density zones according to the following:

- Urban Density Zone is defined as areas containing 3,000 or more customers with a line density of at least 60 customers per circuit kilometer.
- Non-Urban Density Zone is defined as areas other than Urban Density Zone.

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, it should be noted that the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

The rate rider for the disposition of WMS – Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

**Hydro One Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**

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**URBAN GENERAL SERVICE ENERGY BILLED – UGe**

This classification applies to a non-residential account located in an Urban Density Zone whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW.

**MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	23.97
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018	\$	0.01
Rate Rider for Smart Metering Entity Charge – effective until December 31, 2018	\$	0.79
Rate Rider for Disposition of Global Adjustment Account (2018) – effective until December 31, 2018		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	0.0019
Distribution Volumetric Rate	\$/kWh	0.0280
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018	\$/kWh	0.0001
Applicable only for Non-WMP Class B Customers (see Note 12)		
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0061
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0047

**MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**GENERAL SERVICE ENERGY BILLED – GSe**

This classification applies to a non-residential account not located in an Urban Density Zone whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW.

**MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	29.68
Rate Rider for Smart Metering Entity Charge – effective until December 31, 2018	\$	0.79
Rate Rider for Disposition of Global Adjustment Account (2018) – effective until December 31, 2018		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	0.0019
Distribution Volumetric Rate	\$/kWh	0.0591
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018	\$/kWh	0.0001
Applicable only for Non-WMP Class B Customers (see Note 12)		
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0057
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0045

**MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**

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**URBAN GENERAL SERVICE DEMAND BILLED – UGd**

This classification applies to a non-residential account located in an Urban Density Zone whose average monthly maximum demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW. Hydro One establishes billing determinants for demand customers' Distribution charges at the greater of 100 per cent of kW and 90 per cent of kVA where kVA metering is installed. When a customer's power factor is known to be less than 90 per cent, a kVA meter or other equivalent electronic meter shall be used for measuring and billing.

**MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	101.13
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018	\$	0.01
Rate Rider for Disposition of Global Adjustment Account (2018) – effective until December 31, 2018 Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	0.0019
Distribution Volumetric Rate	\$/kW	9.6614
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018	\$/kW	0.0425
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018 Applicable only for Non-WMP Class B Customers (see Note 12)	\$/kW	0.0221
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kW	2.1248
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kW	1.6235

**MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**GENERAL SERVICE DEMAND BILLED – GSd**

This classification applies to a non-residential account not located in an Urban Density Zone whose average monthly maximum demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW. Hydro One establishes billing determinants for demand customers' Distribution charges at the greater of 100 per cent of kW and 90 per cent of kVA where kVA metering is installed. When a customer's power factor is known to be less than 90 per cent, a kVA meter or other equivalent electronic meter shall be used for measuring and billing.

**MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	102.93
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018	\$	(0.02)
Rate Rider for Disposition of Global Adjustment Account (2018) – effective until December 31, 2018 Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	0.0019
Distribution Volumetric Rate	\$/kW	16.8368
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018	\$/kW	0.0297
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018 Applicable only for Non-WMP Class B Customers (see Note 12)	\$/kW	0.0173
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kW	1.5757
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kW	1.2035

**MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
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**DISTRIBUTED GENERATION – DGen**

This classification applies to an embedded retail generation facility connected to the distribution system that is not classified as MicroFIT generation. Hydro One establishes billing determinants for demand customers' Distribution charges at the greater of 100 per cent of kW and 90 per cent of kVA where kVA metering is installed. When a customer's power factor is known to be less than 90 per cent, a kVA meter or other equivalent electronic meter shall be used for measuring and billing. Class A and Class B consumers are defined in accordance with O. Reg. 429/04.

**MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	198.03
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018	\$	0.01
Rate Rider for Disposition of Global Adjustment Account (2018) – effective until December 31, 2018 Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	0.0019
Distribution Volumetric Rate	\$/kW	6.1229
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018	\$/kW	0.0113
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018 Applicable only for Non-WMP Class B Customers (see Note 12)	\$/kW	0.0059
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kW	0.5948
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kW	0.5160

**MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
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**SUB TRANSMISSION – ST**

This classification applies to either:

- Embedded supply to Local Distribution Companies (LDCs). “Embedded” meaning receiving supply via Hydro One Distribution assets, and where Hydro One is the host distributor to the embedded LDC. Situations where the LDC is supplied via Specific Facilities are included. OR
- Load which:
  - is three-phase; and
  - is directly connected to and supplied from Hydro One Distribution assets between 44 kV and 13.8 kV inclusive; the meaning of “directly” includes Hydro One not owning the local transformation; and
  - is greater than 500 kW (monthly measured maximum demand averaged over the most recent calendar year or whose forecasted monthly average demand over twelve consecutive months is greater than 500 kW).

Hydro One establishes billing determinants for demand customers’ Distribution charges at the greater of 100 per cent of kW and 90 per cent of kVA where kVA metering is installed. When a customer’s power factor is known to be less than 90 per cent, a kVA meter or other equivalent electronic meter shall be used for measuring and billing.

Class A and Class B consumers are defined in accordance with O. Reg. 429/04.

**MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	533.12
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018	\$	3.83
Meter Charge (for Hydro One ownership) (see Note 11)	\$	670.96
Rate Rider for Disposition of Global Adjustment Account (2018) – effective until December 31, 2018		
Applicable only for Non-RPP Customers (see Note 13)\$/kWh		0.0019
Facility Charge for connection to Common ST Lines (44 kV to 13.8 kV) (see Notes 1, 8 and 14)	\$/kW	1.3153
Facility Charge for connection to Specific ST Lines (44 kV to 13.8 kV) (see Note 2)	\$/km	643.6199
Facility Charge for connection to high-voltage (> 13.8 kV secondary) delivery High Voltage Distribution Station (see Notes 1 and 14)	\$/kW	1.8451
Facility Charge for connection to low-voltage (< 13.8 kV secondary) delivery High Voltage Distribution Station (see Notes 1 and 14)	\$/kW	3.3687
Facility Charge for connection to low-voltage (< 13.8 kV secondary) Low Voltage Distribution Station (see Notes 3 and 14)	\$/kW	1.5236
Rate Rider for Disposition of Deferral/Variance Accounts (General) (2018) – effective until December 31, 2018 (see Notes 1, 9 and 14)	\$/kW	0.2341
Rate Rider for Disposition of Deferral/Variance Account (Non-WMP Class B Customers) (2018) – effective until December 31, 2018 (see Notes 1, 10,12 and 14)	\$/kW	0.0158
Rate Rider for Disposition of Deferral/Variance Account (Non-WMP Customers) (2018) – effective until December 31, 2018 (see Notes 1, 10 and 14)	\$/kW	0.0230
Retail Transmission Service Rates (see Notes 6 and 7)		
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kW	3.3720
Retail Transmission Rate – Line Connection Service Rate (see Note 5)	\$/kW	0.7322
Retail Transmission Rate – Transformation Connection Service Rate (see Note 5)	\$/kW	1.7844

**MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**

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## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. The amount of electricity consumed by unmetered connections will be based on detailed information/documentation provided by the device's manufacturer and will be agreed to by Hydro One and the customer and may be subject to periodic monitoring of actual consumption. Eligible unmetered loads include cable TV amplifiers, bus shelters, telephone booths, traffic signals, railway crossings and other small fixed loads. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	35.10
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018	\$	(0.01)
Rate Rider for Disposition of Global Adjustment Account (2018) – effective until December 31, 2018		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	0.0019
Distribution Volumetric Rate	\$/kWh	0.0287
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018	\$/kWh	0.0001
Applicable only for Non-WMP Class B Customers (see Note 12)		
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0048
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0038

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

**SENTINEL LIGHTING SERVICE CLASSIFICATION**

This rate is applicable to all Hydro One Networks' customers who have separate service to a sentinel light. The energy consumption for sentinel lights is estimated based on Networks' profile for sentinel lighting load, which provides the amount of time each month that the sentinel lights are operating. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

**APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, it should be noted that the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

**MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	3.10
Rate Rider for Disposition of Global Adjustment Account (2018) – effective until December 31, 2018 Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	0.0019
Distribution Volumetric Rate	\$/kWh	0.1180
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018 Applicable only for Non-WMP Class B Customers (see Note 12)	\$/kWh	0.0001
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0043

**MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**

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approved schedules of Rates, Charges and Loss Factors**

## **STREET LIGHTING SERVICE CLASSIFICATION**

This rate is applicable to all Hydro One Networks' customers who have streetlights, which are devices owned by or operated for a road authority and/or municipal corporation. The energy consumption for street lights is estimated based on Networks' profile for street lighting load, which provides the amount of time each month that the street lights are operating. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	4.08
Rate Rider for Disposition of Global Adjustment Account (2018) – effective until December 31, 2018 Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	0.0019
Distribution Volumetric Rate	\$/kWh	0.0980
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2018) – effective until December 31, 2018 Applicable only for Non-WMP Class B Customers (see Note 12)	\$/kWh	0.0001
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0043

### **MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
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**microFIT SERVICE CLASSIFICATION**

This classification applies to an electricity generation facility contracted under the Independent Electricity System Operator's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

**APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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**MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	5.40
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**Hydro One Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
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**ALLOWANCES**

**CUSTOMER-SUPPLIED TRANSFORMATION ALLOWANCE**

Applicable to customers providing their own transformers and the primary voltage is under 50 kV

Demand Billed - per kW of billing demand/month	\$/kW	(0.60)
Energy Billed – per kWh of billing energy/month	\$/kWh	(0.0014)

**TRANSFORMER LOSS ALLOWANCE**

Applicable to non-ST customers requiring a billing adjustment for transformer losses as the result of being metered on the primary side of a transformer. The following uniform values shall be applied to measured demand and energy to calculate transformer losses for voltages up to and including 50 kV (as metered on the primary side).

For installations up to and including bank capacity of 400 kVA	%	(1.5)
For bank capacities over 400 kVA	%	(1.0)

Applicable to ST customers requiring a billing adjustment for transformer losses as the result of being metered on the secondary side of a transformer. The uniform value of 1 % shall be added to measured demand and energy (as measured on the secondary side) to adjust for transformer losses.

Alternately, transformer losses may be determined from transformer test data, and measured demand and energy adjusted accordingly.

For services which are not demand metered, an assumed demand of 50% of the transformer capacity will be used to calculate the loss allowance. Where several transformers are involved, the bank capacity is assumed to be the arithmetic sum of all transformer capacities.

**LOSS FACTORS**

Residential - UR	1.057
Residential - R1	1.076
Residential - R2	1.105
Residential - Seasonal	1.104
General Service - UGe	1.067
General Service - GSe	1.096
General Service - UGd	1.050
General Service - GSd	1.061
Distributed Generation - DGen	1.061
Unmetered Scattered Load	1.092
Sentinel Lights	1.092
Street Lights	1.092
Sub Transmission - ST	
Distribution Loss Factors	
Embedded Delivery Points (metering at station)	1.000
Embedded Delivery Points (metering away from station)	1.028
Total Loss Factors	
Embedded Delivery Points (metering at station)	1.006
Embedded Delivery Points (metering away from station)	1.034

**Hydro One Networks Inc.**  
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**SPECIFIC SERVICE CHARGES**

**APPLICATION**

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No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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**Customer Administration**

Statement of Account	\$	13.00
Duplicate Invoices for Previous Billing	\$	13.00
Request for Other Billing Information	\$	13.00
Easement Letter – Letter Request	\$	86.90
Easement Letter - Web Request	\$	25.00
Income Tax Letter	\$	13.00
Account History	\$	13.00
Credit Reference/Credit Check	\$	13.00
Returned Cheque Charge	\$	7.00
Legal Letter Charge	\$	Actual Costs
Account Set Up Charge/Change of Occupancy Charge (Plus Credit Agency Costs, if applicable)	\$	38.00
Special Meter Reads	\$	90.00
Meter Dispute Charge – Measurement Canada (MC)	\$	290 plus MC fee

**Non-Payment of Account**

Late Payment Charge		1.5%/month
Collection of Account Charge – No Disconnection	\$	\$100.00
Collection – Disconnect/Reconnect at Meter & Install/Remove Load Control Device – During Regular Hours	\$	120.00
Collection – Disconnect/Reconnect at Meter & Install/Remove Load Control Device – After Regular Hours	\$	430.00
Collection – Disconnect/Reconnect at Pole – During Regular Hours	\$	320.00
Collection – Disconnect/Reconnect at Pole – After Regular Hours	\$	850.00

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**Other**

Service Call – Customer Owned Equipment – During Regular Hours	\$	210.00*
Service Call – Customer Owned Equipment – After Regular Hours	\$	775.00*
Temporary Service Install & Remove – Overhead – No Transformer	\$	Actual Costs
Temporary Service Install & Remove – Underground – No Transformer	\$	Actual Costs
Temporary Service Install & Remove – Overhead – With Transformer	\$	Actual Costs
Specific Charge for Access to Power Poles – Telecom	\$	43.99
Vacant Premise – Move in with Reconnect of Electrical Service at Meter	\$	95.00
Vacant Premise – Move in with Reconnect of Electrical Service at Pole	\$	300.00
Reconnect Completed after Regular Hours (Customer/Contract Driven) – at Meter	\$	245.00
Reconnect Completed after Regular Hours (Customer/Contract Driven) – at Pole	\$	475.00
Additional Service Layout Fee – Basic/Complex (more than one hour)	\$	561.08
Pipeline Crossings	\$	2,363.12
Water Crossings	\$	3,522.56
	\$	4,690.71 plus
Railway Crossings		Railway Feedthrough Costs
Overhead Line Staking Per Meter	\$	4.17
Underground Line Staking Per Meter	\$	3.00
Subcable Line Staking Per Meter	\$	2.62
Central Metering – New Service <45 kW	\$	100.00
Conversion to Central Metering <45 kW	\$	1,534.07
Conversion to Central Metering >=45 kW	\$	1,434.07
Connection Impact Assessments – Net Metering	\$	3,146.11
Connection Impact Assessments – Embedded LDC Generators	\$	2,825.21
Connection Impact Assessments – Small Projects <= 500 kW	\$	3,216.36
Connection Impact Assessments – Small Projects <= 500 kW, Simplified	\$	1,941.06
Connection Impact Assessments – Greater than Capacity Allocation Exempt Projects – Capacity Allocation Required Projects	\$	8,518.75
Connection Impact Assessments – Greater than Capacity Allocation Exempt Projects – TS Review for LDC Capacity Allocation Required Projects	\$	5,637.93
Specific Charge for Access to Power Poles – LDC	\$	see below
Specific Charge for Access to Power Poles – Generators	\$	see below
Specific Charge for Access to Power Poles – Municipal Streetlights	\$	2.04
Sentinel Light Rental Charge	\$	10.00
Sentinel Light Pole Rental Charge	\$	7.00

\* Base charge only. Additional work on equipment will be based on actual costs.

**Hydro One Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
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Specific Charge for LDCs Access to the Power Poles (\$/pole/year)

LDC Rate for 10' of power space	\$	76.46
LDC Rate for 15' of power space	\$	91.75
LDC Rate for 20' of power space	\$	101.95
LDC Rate for 25' of power space	\$	109.23
LDC Rate for 30' of power space	\$	114.69
LDC Rate for 35' of power space	\$	118.94
LDC Rate for 40' of power space	\$	122.34
LDC Rate for 45' of power space	\$	125.12
LDC Rate for 50' of power space	\$	127.44
LDC Rate for 55' of power space	\$	129.40
LDC Rate for 60' of power space	\$	131.08

Specific Charge for Generator Access to the Power Poles (\$/pole/year)

Generator Rate for 10' of power space	\$	76.46
Generator Rate for 15' of power space	\$	91.75
Generator Rate for 20' of power space	\$	101.95
Generator Rate for 25' of power space	\$	109.23
Generator Rate for 30' of power space	\$	114.69
Generator Rate for 35' of power space	\$	118.94
Generator Rate for 40' of power space	\$	122.34
Generator Rate for 45' of power space	\$	125.12
Generator Rate for 50' of power space	\$	127.44
Generator Rate for 55' of power space	\$	129.40
Generator Rate for 60' of power space	\$	131.08

**Hydro One Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**  
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**RETAIL SERVICE CHARGES (if applicable)**

**APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

**Hydro One Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**  
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NOTES

1. The basis of the charge is the customer's monthly maximum demand. For an ST customer with multiple delivery points served from the same Transformer Station or High Voltage Distribution Station, the aggregated demand will be the applicable billing determinant. Demand is not aggregated between stations.
2. The basis of the charge is the customer's monthly maximum demand. For an ST customer with multiple delivery points served from the same Transformer Station or High Voltage Distribution Station, the aggregated demand will be the applicable billing determinant. Demand is not aggregated between stations.
3. The basis of the charge is the "non-coincident demand" at each delivery point of the customer supplied by the station. This is measured as the kW demand at the delivery point at the time in the month of maximum load on the delivery point. For a customer connected through two or more distribution stations, the total charge for the connection to the shared distribution stations is the sum of the relevant charges for each of the distribution stations.
4. The monthly billing determinant for the RTSR Network Service rate is:
  - a. For energy-only metered customers: the customer's metered energy consumption adjusted by the total loss factor as approved by the Ontario Energy Board.
  - b. For interval-metered customers: the peak demand from 7 AM to 7 PM (local time) on IESO business days in the billing period. The rates shown are to be adjusted by the total loss factor as approved by the Ontario Energy Board.
  - c. For non-interval-metered demand billed customers: the non-coincident peak demand in the billing period. The rates shown are to be adjusted by the total loss factor as approved by the Ontario Energy Board.
5. The monthly billing determinant for the RTSR Line and Transformation Connection Service rates is:
  - a. For energy-only metered customers: the customer's metered energy consumption adjusted by the total loss factor as approved by the Ontario Energy Board.  
For all demand billed customers: the non-coincident peak demand in the billing period. The rates shown are to be adjusted by the total loss factor as approved by the Ontario Energy Board.
  - b. For customers with load displacement generation above 1 MW, or 2 MW for renewable generation, installed after October 1998, RTSR connection is billed at the gross demand level.
6. Delivery point with respect to RTSR is defined as the low side of the Transformer Station that steps down voltage from above 50 kV to below 50 kV. For customer with multiple interval-metered delivery points served from the same Transformer Station, the aggregated demand at the said delivery points on the low side of the Transformer Station will be the applicable billing determinant.
7. The loss factors, and which connection service rates are applied, are determined based on the point at which the distribution utility or customer is metered for its connection to Hydro One Distribution's system. Hydro One Distribution's connection agreements with these distribution utilities and customers will establish the appropriate loss factors and connection rates to apply from Hydro One Distribution's tariff schedules.
8. The Common ST Lines rate also applies to the supply to Distributors which use lines in the 12.5 kV to 4.16 kV range from HVDSs or LVDSs.
9. Rate Rider for Disposition of Deferral/Variance Accounts (General) is charged based on appropriate billing kW.
10. Rate Rider for Disposition of Deferral/Variance Account (non-WMP customers) applies to non-WMP Class A or Class B customers.
11. The Meter charge is applied per metering facility at delivery points for which Hydro One owns the metering.
12. The Wholesale Market Service Rate, the Rural or Remote Electricity Rate Protection Charge and the Ontario Electricity Support Program Charge are applied solely to non-Wholesale Market Participants. For Class A customers, distributors shall bill the actual CBDR costs to Class A customers in proportion to their contribution to peak. These rates pertain to the IESO's defined point of sale; consequently, appropriate loss factors as approved by the Ontario Energy Board must be applied to the customers metered energy.
13. The Global Adjustment rate rider applies to metered energy consumption adjusted by the total loss factor, as approved by the Ontario Energy Board, for non-LDC, non-RPP and Class B customers that are charged Wholesale Market Service Charges by Hydro One Distribution.
14. For customers with load displacement generation at 1MW or above, or 2 MW or above for renewable generation, installed after October 1998, the ST volumetric charges are billed at the gross demand level.



# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2017

**This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors**

Filed: 2017-03-31  
EB-2017-0049  
Exhibit H1-2-2  
Attachment 1  
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**EB-2016-0081**

## RESIDENTIAL SERVICE CLASSIFICATIONS

A year-round residential customer classification applies to a customer's main place of abode and may include additional buildings served through the same meter, provided they are not rental income units. All of the following criteria must be met:

1. Occupant represents and warrants to Hydro One Networks Inc. that for so long as he/she has year-round residential rate status for the identified dwelling, he/she will not designate another property that he/she owns as a year-round residence for purposes of Hydro One rate classification.
2. Occupier must live in this residence for at least four (4) days of the week for eight (8) months of the year and the Occupier must not reside anywhere else for more than three (3) days a week during eight (8) months of the year.
3. The address of this residence must appear on documents such as the occupant's electric bill, driver's licence, credit card invoice, property tax bill, etc.
4. Occupants who are eligible to vote in Provincial or Federal elections must be enumerated for this purpose at the address of this residence.

Seasonal Residential customer classification is defined as any residential service that does not meet residential year-round criteria. It includes dwellings such as cottages, chalets and camps.

Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

## APPLICATION

Hydro One Networks' residential service area is sub-divided into three density zones according to the following:

- Urban Density Zone is defined as areas containing 3,000 or more customers with a line density of at least 60 customers per circuit kilometer.
- Medium Density Zone is defined as areas containing 100 or more customers with a line density of at least 15 customers per circuit kilometer.
- Low Density Zone is defined as areas other than Urban or Medium Density Zone.

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2017

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2016-0081

## RESIDENTIAL SERVICE CLASSIFICATIONS

### YEAR-ROUND URBAN DENSITY – UR

#### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	24.78
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	0.72
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Distribution Volumetric Rate	\$/kWh	0.0094
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kWh	(0.0003)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0067
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0047

#### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate – not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

### YEAR-ROUND MEDIUM DENSITY – R1

#### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	33.77
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	0.82
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Distribution Volumetric Rate	\$/kWh	0.0230
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kWh	(0.0002)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0064
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0047

#### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate – not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2017

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2016-0081

## RESIDENTIAL SERVICE CLASSIFICATIONS

### YEAR-ROUND LOW DENSITY – R2

#### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge*	\$	80.33
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	1.36
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Distribution Volumetric Rate	\$/kWh	0.0374
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0062
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0044

\* Under the Ontario Energy Board Act, 1998 and associated Regulations, every qualifying year-round customer with a principal residence is eligible to receive Rural or Remote Rate Protection (RRRP). The service charge shown for eligible R2 customers will be reduced by the applicable RRRP credit, currently at \$60.50.

#### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

## SEASONAL

#### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	36.28
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	0.84
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Distribution Volumetric Rate	\$/kWh	0.0635
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kWh	0.0003
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0051
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0042

#### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate – not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2017

**This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors**

**EB-2016-0081**

## ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

In addition to the charges specified on the preceding Residential Service Classification pages of this tariff of rates and charges, the following credits are to be applied to eligible residential customers.

### APPLICATION

The application of the credits is in accordance with the Distribution System Code (Section 9) and subsection 79.2 of the Ontario Energy Board Act, 1998.

The application of these credits shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

In this class:

“Aboriginal person” includes a person who is a First Nations person, a Métis person or an Inuit person; “account-holder” means a consumer who has an account with a distributor that falls within a residential-rate classification as specified in a rate order made by the Ontario Energy Board under section 78 of the Act, and who lives at the service address to which the account relates for at least six months in a year;

“electricity-intensive medical device” means an oxygen concentrator, a mechanical ventilator, or such other device as may be specified by the Ontario Energy Board;

“household” means the account-holder and any other people living at the accountholder’s service address for at least six months in a year, including people other than the account-holder’s spouse, children or other relatives;

“household income” means the combined annual after-tax income of all members of a household aged 16 or over;

### MONTHLY RATES AND CHARGES

#### Class A

- (a) account-holders with a household income of \$28,000 or less living in a household of one or two persons;
  - (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of three persons;
  - (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of five persons;
  - (d) account-holders with a household income of between \$48,001 and \$52,000 living in a household of seven or more persons;
- but does not include account-holders in Class E.

OESP Credit \$ (30.00)

#### Class B

- (a) account-holders with a household income of \$28,000 or less living in a household of three persons;
  - (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of four persons;
  - (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons;
- but does not include account-holders in Class F.

OESP Credit \$ (34.00)

#### Class C

- (a) account-holders with a household income of \$28,000 or less living in a household of four persons;
  - (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of five persons;
  - (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more persons;
- but does not include account-holders in Class G.

OESP Credit \$ (38.00)

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2017

**This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors**

**EB-2016-0081**

## ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

### **Class D**

(a) account-holders with a household income of \$28,000 or less living in a household of five persons;  
 (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of six persons;  
 but does not include account-holders in Class H.

OESP Credit \$ (42.00)

### **Class E**

Class E comprises account-holders with a household income and household size described under Class A who also meet any of the following conditions:

(a) the dwelling to which the account relates is heated primarily by electricity;  
 (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or  
 (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (45.00)

### **Class F**

(a) account-holders with a household income of \$28,000 or less living in a household of six or more persons;  
 (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of seven or more persons; or  
 (c) account-holders with a household income and household size described under Class B who also meet any of the following conditions:

i. the dwelling to which the account relates is heated primarily by electricity;  
 ii. the account-holder or any member of the account-holder's household is an Aboriginal person; or  
 iii. the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (50.00)

### **Class G**

Class G comprises account-holders with a household income and household size described under Class C who also meet any of the following conditions:

(a) the dwelling to which the account relates is heated primarily by electricity;  
 (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or  
 (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (55.00)

### **Class H**

Class H comprises account-holders with a household income and household size described under Class D who also meet any of the following conditions:

(a) the dwelling to which the account relates is heated primarily by electricity;  
 (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or  
 (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (60.00)

### **Class I**

Class I comprises account-holders with a household income and household size described under paragraphs (a) or (b) of Class F who also meet any of the following conditions:

(a) the dwelling to which the account relates is heated primarily by electricity;  
 (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or  
 (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (75.00)

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2017

**This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors**

**EB-2016-0081**

## GENERAL SERVICE CLASSIFICATIONS

General Service classification applies to any service that does not fit the description of residential classes. It includes combination type services where a variety of uses are made of the service by the owner of one property, and all multiple services except residential. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

Hydro One Networks' General Service area is sub-divided into two density zones according to the following:

- Urban Density Zone is defined as areas containing 3,000 or more customers with a line density of at least 60 customers per circuit kilometer.
- Non-Urban Density Zone is defined as areas other than Urban Density Zone.

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, it should be noted that the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

The rate rider for the disposition of WMS – Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2017

**This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors**

**EB-2016-0081**

### **URBAN GENERAL SERVICE ENERGY BILLED – UGe**

This classification applies to a non-residential account located in an Urban Density Zone whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW.

#### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	23.30
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	0.67
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Distribution Volumetric Rate	\$/kWh	0.0262
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kWh	(0.0001)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0064
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0040

#### **MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

### **GENERAL SERVICE ENERGY BILLED – GSe**

This classification applies to a non-residential account not located in an Urban Density Zone whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW.

#### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	27.87
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	0.73
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Distribution Volumetric Rate	\$/kWh	0.0560
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kWh	0.0002
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0059
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0038

#### **MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2017

**This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors**

**EB-2016-0081**

#### **URBAN GENERAL SERVICE DEMAND BILLED – UGd**

This classification applies to a non-residential account located in an Urban Density Zone whose average monthly maximum demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW. Hydro One establishes billing determinants for demand customers' Distribution charges at the greater of 100 per cent of kW and 90 per cent of kVA where kVA metering is installed. When a customer's power factor is known to be less than 90 per cent, a kVA meter or other equivalent electronic meter shall be used for measuring and billing.

##### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	93.97
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	1.42
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Distribution Volumetric Rate	\$/kW	9.1837
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kW	(0.0623)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kW	2.0123
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kW	1.3239

##### **MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

#### **GENERAL SERVICE DEMAND BILLED – GSd**

This classification applies to a non-residential account not located in an Urban Density Zone whose average monthly maximum demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW. Hydro One establishes billing determinants for demand customers' Distribution charges at the greater of 100 per cent of kW and 90 per cent of kVA where kVA metering is installed. When a customer's power factor is known to be less than 90 per cent, a kVA meter or other equivalent electronic meter shall be used for measuring and billing.

##### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	89.48
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	1.37
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Distribution Volumetric Rate	\$/kW	16.0236
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kW	0.0428
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kW	1.6048
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kW	1.0743

##### **MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2017

**This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors**

**EB-2016-0081**

#### **DISTRIBUTED GENERATION – DGen**

This classification applies to an embedded retail generation facility connected to the distribution system that is not classified as MicroFIT generation. Hydro One establishes billing determinants for demand customers' Distribution charges at the greater of 100 per cent of kW and 90 per cent of kVA where kVA metering is installed. When a customer's power factor is known to be less than 90 per cent, a kVA meter or other equivalent electronic meter shall be used for measuring and billing. Class A and Class B consumers are defined in accordance with O. Reg. 429/04.

#### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	149.34
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	2.72
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Distribution Volumetric Rate	\$/kW	7.0504
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kW	0.0633
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kW	0.5230
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kW	0.3349

#### **MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2017

**This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors**

#### SUB TRANSMISSION – ST

This classification applies to either:

- Embedded supply to Local Distribution Companies (LDCs). “Embedded” meaning receiving supply via Hydro One Distribution assets, and where Hydro One is the host distributor to the embedded LDC. Situations where the LDC is supplied via Specific Facilities are included. OR
- Load which:
  - is three-phase; and
  - is directly connected to and supplied from Hydro One Distribution assets between 44 kV and 13.8 kV inclusive; the meaning of “directly” includes Hydro One not owning the local transformation; and
  - is greater than 500 kW (monthly measured maximum demand averaged over the most recent calendar year or whose forecasted monthly average demand over twelve consecutive months is greater than 500 kW).

Hydro One establishes billing determinants for demand customers' Distribution charges at the greater of 100 per cent of kW and 90 per cent of kVA where kVA metering is installed. When a customer's power factor is known to be less than 90 per cent, a kVA meter or other equivalent electronic meter shall be used for measuring and billing.

Class A and Class B consumers are defined in accordance with O. Reg. 429/04.

#### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	492.55
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	11.86
Meter Charge (for Hydro One ownership) (see Note 11)	\$	764.01
Facility Charge for connection to Common ST Lines (44 kV to 13.8 kV) (see Notes 1, 8 and 14)	\$/kW	1.2052
Facility Charge for connection to Specific ST Lines (44 kV to 13.8 kV) (see Note 2)	\$/km	812.8973
Facility Charge for connection to Specific Primary Lines (12.5 kV to 4.16 kV) (see Note 2)	\$/km	611.3830
Facility Charge for connection to high-voltage (> 13.8 kV secondary) delivery High Voltage Distribution Station (see Notes 1 and 14)	\$/kW	1.8088
Facility Charge for connection to low-voltage (< 13.8 kV secondary) delivery High Voltage Distribution Station (see Notes 1 and 14)	\$/kW	3.3552
Facility Charge for connection to low-voltage (< 13.8 kV secondary) Low Voltage Distribution Station (see Notes 3 and 14)	\$/kW	1.5464
Rate Rider for Disposition of Deferral/Variance Accounts (General) (2017) – effective until December 31, 2017 (see Notes 1, 9 and 14)	\$/kW	0.3126
Rate Rider for Disposition of Deferral/Variance Account (Wholesale Market Service Rate) (2017) – effective until December 31, 2017 (see Notes 1, 10 and 14)	\$/kW	(0.4418)
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017 Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Retail Transmission Service Rates (see Notes 6 and 7)		
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kW	3.1942
Retail Transmission Rate – Line Connection Service Rate (see Note 5)	\$/kW	0.7710
Retail Transmission Rate – Transformation Connection Service Rate (see Note 5)	\$/kW	1.7493

#### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2017

**This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors**

## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. The amount of electricity consumed by unmetered connections will be based on detailed information/documentation provided by the device's manufacturer and will be agreed to by Hydro One and the customer and may be subject to periodic monitoring of actual consumption. Eligible unmetered loads include cable TV amplifiers, bus shelters, telephone booths, traffic signals, railway crossings and other small fixed loads. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	35.18
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	0.51
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Distribution Volumetric Rate	\$/kWh	0.0285
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kWh	(0.0001)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0031

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2017

**This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors**

## SENTINEL LIGHTING SERVICE CLASSIFICATION

This rate is applicable to all Hydro One Networks' customers who have separate service to a sentinel light. The energy consumption for sentinel lights is estimated based on Networks' profile for sentinel lighting load, which provides the amount of time each month that the sentinel lights are operating. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, it should be noted that the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	2.71
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	0.05
Distribution Volumetric Rate	\$/kWh	0.1178
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kWh	0.0009
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0045
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0027

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2017

**This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors**

## STREET LIGHTING SERVICE CLASSIFICATION

This rate is applicable to all Hydro One Networks' customers who have streetlights, which are devices owned by or operated for a road authority and/or municipal corporation. The energy consumption for street lights is estimated based on Networks' profile for street lighting load, which provides the amount of time each month that the street lights are operating. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, it should be noted that the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	4.25
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	0.08
Distribution Volumetric Rate	\$/kWh	0.0924
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kWh	0.0007
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0045
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0027

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2017

**This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors**

## microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Independent Electricity System Operator's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

## APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

## MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	5.40
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# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2017

**This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors**

## ALLOWANCES

### CUSTOMER-SUPPLIED TRANSFORMATION ALLOWANCE

Applicable to customers providing their own transformers and the primary voltage is under 50 kV

Demand Billed - per kW of billing demand/month	\$/kW	(0.60)
Energy Billed – per kWh of billing energy/month	\$/kWh	(0.0014)

### TRANSFORMER LOSS ALLOWANCE

Applicable to non-ST customers requiring a billing adjustment for transformer losses as the result of being metered on the primary side of a transformer. The following uniform values shall be applied to measured demand and energy to calculate transformer losses for voltages up to and including 50 kV (as metered on the primary side).

For installations up to and including bank capacity of 400 kVA	%	(1.5)
For bank capacities over 400 kVA	%	(1.0)

Applicable to ST customers requiring a billing adjustment for transformer losses as the result of being metered on the secondary side of a transformer. The uniform value of 1 % shall be added to measured demand and energy (as measured on the secondary side) to adjust for transformer losses.

Alternately, transformer losses may be determined from transformer test data, and measured demand and energy adjusted accordingly.

For services which are not demand metered, an assumed demand of 50% of the transformer capacity will be used to calculate the loss allowance. Where several transformers are involved, the bank capacity is assumed to be the arithmetic sum of all transformer capacities.

## LOSS FACTORS

Residential - UR	1.057
Residential - R1	1.076
Residential - R2	1.105
Residential - Seasonal	1.104
General Service - UGe	1.067
General Service - GSe	1.096
General Service - UGd	1.050
General Service - GSd	1.061
Distributed Generation - DGen	1.061
Unmetered Scattered Load	1.092
Sentinel Lights	1.092
Street Lights	1.092
Sub Transmission - ST	
Distribution Loss Factors	
Embedded Delivery Points (metering at station)	1.000
Embedded Delivery Points (metering away from station)	1.028
Total Loss Factors	
Embedded Delivery Points (metering at station)	1.006
Embedded Delivery Points (metering away from station)	1.034

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2017

**This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors**

## SPECIFIC SERVICE CHARGES

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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#### Customer Administration

Arrears certificate	\$	15.00
Easement charge for unregistered rights	\$	15.00
Returned cheque charge (plus bank charges)	\$	15.00
Account set up charge	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

#### Non-Payment of Account

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection/Load Limiter	\$	30.00
Collection/Disconnect/Load Limiter/Reconnect trip (at meter) - during regular hours	\$	65.00
Collection/Disconnect/Load Limiter/Reconnect trip (at meter) - after regular hours	\$	185.00
Collection/Disconnect/Load Limiter/Reconnect trip (at pole) - during regular hours	\$	185.00
Collection/Disconnect/Load Limiter/Reconnect trip (at pole) - after regular hours	\$	415.00

#### Other

Temporary service install & remove	\$	500.00
Specific Charge for Cable and Telecom Companies Access to the Power Poles - \$/pole/year	\$	41.28
Specific Charge for LDCs Access to the Power Poles - \$/pole/year	\$	see below
Specific Charge for Generator Access to the Power Poles - \$/pole/year	\$	see below
Service Layout Fee – Basic	\$	640.00
Service Layout Fee – Complex	\$	850.00
Crossing Application – Pipeline	\$	2,555.00
Crossing Application – Water	\$	3,250.00
Crossing Application – Railroad	\$	6,120.00
Line Staking - \$/meter	\$	4.95
Central Metering – New Service < 45 kW	\$	120.00
Conversion to Central Metering < 45 kW	\$	1,050.00
Conversion to Central Metering > 45 kW	\$	930.00
Tingle Voltage Test in excess of 4 hours – per hour (average 2 additional hours)	\$	140.00
Standby Administration Charge – per month	\$	520.00
Connection Impact Assessment (CIA) Charge – CAE Small DG & Net Metering	\$	5,655.00
Connection Impact Assessment (CIA) Charge – Greater than CAE Small DG & Net Metering	\$	12,130.00
Sentinel Lights Rental Rate – per month	\$	9.51
Sentinel Lights Pole Rental Rate – per month	\$	4.15
Joint Use for Municipality Streetlights	\$	2.04

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2017

**This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors**

Specific Charge for LDCs Access to the Power Poles (\$/pole/year)

LDC Rate for 10' of power space	\$	47.82
LDC Rate for 15' of power space	\$	57.38
LDC Rate for 20' of power space	\$	64.08
LDC Rate for 25' of power space	\$	67.90
LDC Rate for 30' of power space	\$	71.73
LDC Rate for 35' of power space	\$	74.60
LDC Rate for 40' of power space	\$	76.51
LDC Rate for 45' of power space	\$	78.42
LDC Rate for 50' of power space	\$	79.38
LDC Rate for 55' of power space	\$	81.29
LDC Rate for 60' of power space	\$	82.25

Specific Charge for Generator Access to the Power Poles (\$/pole/year)

Generator Rate for 10' of power space	\$	47.82
Generator Rate for 15' of power space	\$	57.38
Generator Rate for 20' of power space	\$	64.08
Generator Rate for 25' of power space	\$	67.90
Generator Rate for 30' of power space	\$	71.73
Generator Rate for 35' of power space	\$	74.60
Generator Rate for 40' of power space	\$	76.51
Generator Rate for 45' of power space	\$	78.42
Generator Rate for 50' of power space	\$	79.38
Generator Rate for 55' of power space	\$	81.29
Generator Rate for 60' of power space	\$	82.25

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2017

**This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors**

## RETAIL SERVICE CHARGES (if applicable)

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2017

**This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors**

#### NOTES:

- (1) The basis of the charge is the customer's monthly maximum demand. For a customer with multiple delivery points served from the same Transformer Station or High Voltage Distribution Station, the aggregated demand will be the applicable billing determinant. Demand is not aggregated between stations.
- (2) The basis of the charge is kilometers of line, within the supplied LDC's service area, supplying solely that LDC.
- (3) The basis of the charge is the "non-coincident demand" at each delivery point of the customer supplied by the station. This is measured as the kW demand at the delivery point at the time in the month of maximum load on the delivery point. For a customer connected through two or more distribution stations, the total charge for the connection to the shared distribution stations is the sum of the relevant charges for each of the distribution stations.
- (4) The monthly billing determinant for the RTSR Network Service rate is:
  - for energy-only metered customers: the customer's metered energy consumption adjusted by the total loss factor as approved by the Ontario Energy Board.
  - for interval-metered customers: the peak demand from 7 AM to 7 PM (local time) on IESO business days in the billing period. The rates shown are to be adjusted by the total loss factor as approved by the Ontario Energy Board.
  - for non-interval-metered demand billed customers: the non-coincident peak demand in the billing period. The rates shown are to be adjusted by the total loss factor as approved by the Ontario Energy Board.
- (5) (a) The monthly billing determinant for the RTSR Line and Transformation Connection Service rates is:
  - for energy-only metered customers: the customer's metered energy consumption adjusted by the total loss factor as approved by the Ontario Energy Board.
  - for all demand billed customers: the non-coincident peak demand in the billing period. The rates shown are to be adjusted by the total loss factor as approved by the Ontario Energy Board.
 (b) For customers with load displacement generation above 1 MW, or 2 MW for renewable generation, installed after October 1998, RTSR connection is billed at the gross demand level.
- (6) Delivery point with respect to RTSR is defined as the low side of the Transformer Station that steps down voltage from above 50 kV to below 50 kV. For customer with multiple interval-metered delivery points served from the same Transformer Station, the aggregated demand at the said delivery points on the low side of the Transformer Station will be the applicable billing determinant.
- (7) The loss factors, and which connection service rates are applied, are determined based on the point at which the distribution utility or customer is metered for its connection to Hydro One Distribution's system. Hydro One Distribution's connection agreements with these distribution utilities and customers will establish the appropriate loss factors and connection rates to apply from Hydro One Distribution's tariff schedules.
- (8) The Common ST Lines rate also applies to the supply to Distributors which use lines in the 12.5 kV to 4.16 kV range from HVDSs or LVDSs.
- (9) Rate Rider for Disposition of Deferral/Variance Accounts (General) is charged based on appropriate billing kW.
- (10) Rate Rider for Disposition of Deferral/Variance Account (Wholesale Market Service Rate) applies to those customers who were charged Wholesale Market Service Charges by Hydro One Distribution.
- (11) The Meter charge is applied per metering facility at delivery points for which Hydro One owns the metering.
- (12) The Wholesale Market Service Rate, the Rural or Remote Electricity Rate Protection Charge and the Ontario Electricity Support Program Charge are applied solely to non-Wholesale Market Participants. For Class A customers, distributors shall bill the actual CBDR costs to Class A customers in proportion to their contribution to peak. These rates pertain to the IESO's defined point of sale; consequently, appropriate loss factors as approved by the Ontario Energy Board must be applied to the customers metered energy.
- (13) The Global Adjustment rate rider applies to the non-LDC, non-RPP and Class B ST customers that were charged Wholesale Market Service Charges by Hydro One Distribution.
- (14) For customers with load displacement generation at 1MW or above, or 2 MW or above for renewable generation, installed after October 1998, the ST volumetric charges are billed at the gross demand level.

**Hydro One Networks Inc.**  
**Former Norfolk Power Distribution Inc. Service Area**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**

**This schedule supersedes and replaces all previously  
 approved schedules of Rates, Charges and Loss Factors**

EB-2016-0082

**RESIDENTIAL SERVICE CLASSIFICATION**

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. All customers are single-phase. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

**APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

**MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	28.81
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Rate Rider per Acquisition Agreement – effective until September 7, 2019	\$	(0.43)
Distribution Volumetric Rate	\$/kWh	0.0109
Low Voltage Service Rate	\$/kWh	0.0009
Rate Rider per Acquisition Agreement – effective until September 7, 2019	\$/kWh	(0.0002)
Rate Rider for Application of Tax Change – in effect until the effective date of the next Cost of Service based Rate Order	\$/kWh	0.0002
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0036

**MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate (WMS) – Not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
**Former Norfolk Power Distribution Inc. Service Area**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**

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EB-2016-0082

## **ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS**

In addition to the charges specified on page 1 of this tariff of rates and charges, the following credits are to be applied to eligible residential customers.

### **APPLICATION**

The application of the credits is in accordance with the Distribution System Code (Section 9) and subsection 79.2 of the Ontario Energy Board Act, 1998.

The application of these credits shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

In this class:

“Aboriginal person” includes a person who is a First Nations person, a Métis person or an Inuit person;

“account-holder” means a consumer who has an account with a distributor that falls within a residential-rate classification as specified in a rate order made by the Ontario Energy Board under section 78 of the Act, and who lives at the service address to which the account relates for at least six months in a year;

“electricity-intensive medical device” means an oxygen concentrator, a mechanical ventilator, or such other device as may be specified by the Ontario Energy Board;

“household” means the account-holder and any other people living at the accountholder’s service address for at least six months in a year, including people other than the account-holder’s spouse, children or other relatives;

“household income” means the combined annual after-tax income of all members of a household aged 16 or over;

### **MONTHLY RATES AND CHARGES**

#### **Class A**

(a) account-holders with a household income of \$28,000 or less living in a household of one or two persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of three persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of five persons;

(d) account-holders with a household income of between \$48,001 and \$52,000 living in a household of seven or more persons;

but does not include account-holders in Class E.

OESP Credit \$ (30.00)

#### **Class B**

(a) account-holders with a household income of \$28,000 or less living in a household of three persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of four persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons;

but does not include account-holders in Class F.

OESP Credit \$ (34.00)

#### **Class C**

(a) account-holders with a household income of \$28,000 or less living in a household of four persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of five persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more persons;

but does not include account-holders in Class G.

OESP Credit \$ (38.00)

**Hydro One Networks Inc.**  
**Former Norfolk Power Distribution Inc. Service Area**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**

**This schedule supersedes and replaces all previously  
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EB-2016-0082

## ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

**Class D**

- (a) account-holders with a household income of \$28,000 or less living in a household of five persons;  
(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of six persons;  
but does not include account-holders in Class H.

OESP Credit \$ (42.00)

**Class E**

Class E comprises account-holders with a household income and household size described under Class A who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;  
(b) the account-holder or any member of the account-holder's household is an Aboriginal person; or  
(c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (45.00)

**Class F**

- (a) account-holders with a household income of \$28,000 or less living in a household of six or more persons;  
(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of seven or more persons; or  
(c) account-holders with a household income and household size described under Class B who also meet any of the following conditions:

- i. the dwelling to which the account relates is heated primarily by electricity;  
ii. the account-holder or any member of the account-holder's household is an Aboriginal person; or  
iii. the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (50.00)

**Class G**

Class G comprises account-holders with a household income and household size described under Class C who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;  
(b) the account-holder or any member of the account-holder's household is an Aboriginal person; or  
(c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (55.00)

**Class H**

Class H comprises account-holders with a household income and household size described under Class D who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;  
(b) the account-holder or any member of the account-holder's household is an Aboriginal person; or  
(c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (60.00)

**Class I**

Class I comprises account-holders with a household income and household size described under paragraphs (a) or (b) of Class F who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;  
(b) the account-holder or any member of the account-holder's household is an Aboriginal person; or  
(c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (75.00)

**Hydro One Networks Inc.**  
**Former Norfolk Power Distribution Inc. Service Area**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**

**This schedule supersedes and replaces all previously  
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EB-2016-0082

## GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

This classification applies to a non residential account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	49.98
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Rate Rider per Acquisition Agreement – effective until September 7, 2019	\$	(0.74)
Distribution Volumetric Rate	\$/kWh	0.0156
Low Voltage Service Rate	\$/kWh	0.0008
Rate Rider per Acquisition Agreement – effective until September 7, 2019	\$/kWh	(0.0003)
Rate Rider for Application of Tax Change – in effect until the effective date of the next Cost of Service based Rate Order	\$/kWh	0.0001
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0063
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0031

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (WMS) – Not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
**Former Norfolk Power Distribution Inc. Service Area**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**

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EB-2016-0082

## **GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION**

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	245.55
Rate Rider per Acquisition Agreement – effective until September 7, 2019	\$	(3.61)
Distribution Volumetric Rate	\$/kW	3.9602
Low Voltage Service Rate	\$/kW	0.3050
Rate Rider per Acquisition Agreement – effective until September 7, 2019	\$/kW	(0.0583)
Low Voltage Rate Rider per Acquisition Agreement – effective until September 7, 2019	\$/kW	(0.0030)
Rate Rider for Application of Tax Change – in effect until the effective date of the next Cost of Service based Rate Order	\$/kW	0.0211
Retail Transmission Rate – Network Service Rate	\$/kW	2.5454
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2385

### **MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate (WMS) – Not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
**Former Norfolk Power Distribution Inc. Service Area**  
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## **UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION**

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	15.49
Rate Rider per Acquisition Agreement – effective until September 7, 2019	\$	(0.22)
Distribution Volumetric Rate	\$/kWh	0.0087
Low Voltage Service Rate	\$/kWh	0.0008
Rate Rider per Acquisition Agreement – effective until September 7, 2019	\$/kWh	(0.0001)
Rate Rider for Application of Tax Change – in effect until the effective date of the next Cost of Service based Rate Order	\$/kWh	0.0002
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0063
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0031

### **MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate (WMS) – Not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
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## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are unmetered lighting load supplied to a sentinel light. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	6.53
Rate Rider per Acquisition Agreement – effective until September 7, 2019	\$	(0.09)
Distribution Volumetric Rate	\$/kW	19.4330
Low Voltage Service Rate	\$/kW	0.2407
Rate Rider per Acquisition Agreement – effective until September 7, 2019	\$/kW	(0.2862)
Low Voltage Rate Rider per Acquisition Agreement – effective until September 7, 2019	\$/kW	(0.0024)
Rate Rider for Application of Tax Change – in effect until the effective date of the next Cost of Service based Rate Order	\$/kW	0.2079
Retail Transmission Rate – Network Service Rate	\$/kW	1.9294
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.9774

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (WMS) – Not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
**Former Norfolk Power Distribution Inc. Service Area**  
**TARIFF OF RATES AND CHARGES**  
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## STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	\$	1.97
Rate Rider per Acquisition Agreement – effective until September 7, 2019	\$	(0.03)
Distribution Volumetric Rate	\$/kW	7.4269
Low Voltage Service Rate	\$/kW	0.2358
Rate Rider per Acquisition Agreement – effective until September 7, 2019	\$/kW	(0.1094)
Low Voltage Rate Rider per Acquisition Agreement – effective until September 7, 2019	\$/kW	(0.0024)
Rate Rider for Application of Tax Change – in effect until the effective date of the next Cost of Service based Rate Order	\$/kW	0.0655
Retail Transmission Rate – Network Service Rate	\$/kW	1.9197
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.9575

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (WMS) – Not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
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## **EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION**

This classification applies to an electricity distributor licensed by the Ontario Energy Board, and provided electricity by means of Norfolk Power Distribution Inc.'s distribution facilities. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge (per connection)	\$	616.86
Rate Rider per Acquisition Agreement – effective until September 7, 2019	\$/kW	(9.09)
Retail Transmission Rate – Network Service Rate	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.0000

### **MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate (WMS) – Not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
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## **microFIT SERVICE CLASSIFICATION**

This classification applies to an electricity generation facility contracted under the Independent Electricity System Operator's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	5.40
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**Hydro One Networks Inc.**  
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## ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	(1.00)

## SPECIFIC SERVICE CHARGES

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post-dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Income tax letter	\$	15.00
Notification charge	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque charge (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Legal letter charge	\$	15.00
Account set up charge / change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

### Non-Payment of Account

Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge – no disconnection	\$	30.00
Collection of account charge – no disconnection – after regular hours	\$	165.00
Disconnect/reconnect at meter – during regular hours	\$	65.00
Disconnect/reconnect at meter – after regular hours	\$	185.00
Disconnect/reconnect at pole – during regular hours	\$	185.00
Disconnect/reconnect at pole – after regular hours	\$	415.00
Install/remove load control device – during regular hours	\$	65.00
Install/remove load control device – after regular hours	\$	185.00

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**Other**

Service call – customer-owned equipment	\$	30.00
Service call – after regular hours	\$	165.00
Specific charge for access to the power poles – per pole/year (with the exception of wireless attachments)	\$	22.35

**Hydro One Networks Inc.**  
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## **RETAIL SERVICE CHARGES (if applicable)**

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year		no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

### **LOSS FACTORS**

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0564
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0564
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0464
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0464

**Hydro One Networks Inc.**  
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## RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to a customer's main place of abode and may include additional buildings served through the same meter, provided they are not rental income units. Residential includes Urban, Suburban and Farm customer's premises which can be occupied on a year-round and seasonal basis. Farm applies to properties actively engaged in agricultural production as defined by Statistics Canada. These premises must be supplied from a single phase primary line. The farm definition does not include tree, sod, or pet farms. Services to year-round pumping stations or other ancillary services remote from the main farm shall be classed as farm. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

## APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

## MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	24.47
Rate Rider per Hydro One Networks' Acquisition Agreement – effective until June 30, 2020	\$	(0.24)
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0149
Low Voltage Service Rate	\$/kWh	0.0004
Rate Rider per Hydro One Networks' Acquisition Agreement – effective until June 30, 2020	\$/kWh	(0.0002)
Rate Rider for Application of CGAAP Accounting Changes – effective until April 30, 2019	\$/kWh	(0.0015)
Funding Adder for Renewable Energy Generation – in effect until the effective date of the next cost of service based rate order	\$/kWh	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kWh	(0.0103)
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0017
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0054

## MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (WMS) – Not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) – Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
**Former Haldimand County Hydro Inc. Service Area**  
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## ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

In addition to the charges specified on page 1 of this tariff of rates and charges, the following credits are to be applied to eligible residential customers.

### APPLICATION

The application of the credits is in accordance with the Distribution System Code (Section 9) and subsection 79.2 of the Ontario Energy Board Act, 1998.

The application of these credits shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

In this class:

“Aboriginal person” includes a person who is a First Nations person, a Métis person or an Inuit person;

“account-holder” means a consumer who has an account with a distributor that falls within a residential-rate classification as specified in a rate order made by the Ontario Energy Board under section 78 of the Act, and who lives at the service address to which the account relates for at least six months in a year;

“electricity-intensive medical device” means an oxygen concentrator, a mechanical ventilator, or such other device as may be specified by the Ontario Energy Board;

“household” means the account-holder and any other people living at the account-holder’s service address for at least six months in a year, including people other than the account-holder’s spouse, children or other relatives;

“household income” means the combined annual after-tax income of all members of a household aged 16 or over;

### MONTHLY RATES AND CHARGES

#### Class A

(a) account-holders with a household income of \$28,000 or less living in a household of one or two persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of three persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of five persons;

(d) account-holders with a household income of between \$48,001 and \$52,000 living in a household of seven or more persons;

but does not include account-holders in Class E.

OESP Credit \$ (30.00)

#### Class B

(a) account-holders with a household income of \$28,000 or less living in a household of three persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of four persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons;

but does not include account-holders in Class F.

OESP Credit \$ (34.00)

#### Class C

(a) account-holders with a household income of \$28,000 or less living in a household of four persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of five persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more persons;

but does not include account-holders in Class G.

OESP Credit \$ (38.00)

**Hydro One Networks Inc.**  
**Former Haldimand County Hydro Inc. Service Area**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**

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## ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

### Class D

(a) account-holders with a household income of \$28,000 or less living in a household of five persons;  
(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of six persons;  
but does not include account-holders in Class H.

OESP Credit \$ (42.00)

### Class E

Class E comprises account-holders with a household income and household size described under Class A who also meet any of the following conditions:

(a) the dwelling to which the account relates is heated primarily by electricity;  
(b) the account-holder or any member of the account-holder's household is an Aboriginal person; or  
(c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (45.00)

### Class F

(a) account-holders with a household income of \$28,000 or less living in a household of six or more persons;  
(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of seven or more persons; or

(c) account-holders with a household income and household size described under Class B who also meet any of the following conditions:

- i. the dwelling to which the account relates is heated primarily by electricity;
- ii. the account-holder or any member of the account-holder's household is an Aboriginal person; or
- iii. the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (50.00)

### Class G

Class G comprises account-holders with a household income and household size described under Class C who also meet any of the following conditions:

(a) the dwelling to which the account relates is heated primarily by electricity;  
(b) the account-holder or any member of the account-holder's household is an Aboriginal person; or  
(c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (55.00)

### Class H

Class H comprises account-holders with a household income and household size described under Class D who also meet any of the following conditions:

(a) the dwelling to which the account relates is heated primarily by electricity;  
(b) the account-holder or any member of the account-holder's household is an Aboriginal person; or  
(c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (60.00)

### Class I

Class I comprises account-holders with a household income and household size described under paragraphs (a) or (b) of Class F who also meet any of the following conditions:

(a) the dwelling to which the account relates is heated primarily by electricity;  
(b) the account-holder or any member of the account-holder's household is an Aboriginal person; or  
(c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (75.00)

**Hydro One Networks Inc.**  
**Former Haldimand County Hydro Inc. Service Area**  
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## GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

General Service does include farms supplied from polyphase primary lines. General Service includes commercial, industrial, educational, administrative, auxiliary and government services. It also includes combination services where a variety of uses are made of the service by the owner of one property. This classification applies to a non-residential account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	26.94
Rate Rider per Hydro One Networks' Acquisition Agreement – effective until June 30, 2020	\$	(0.27)
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0190
Low Voltage Service Rate	\$/kWh	0.0004
Rate Rider per Hydro One Networks' Acquisition Agreement – effective until June 30, 2020	\$/kWh	(0.0002)
Rate Rider for Application of CGAAP Accounting Changes – effective until April 30, 2019	\$/kWh	(0.0010)
Funding Adder for Renewable Energy Generation – in effect until the effective date of the next cost of service based rate order	\$/kWh	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kWh	(0.0103)
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0017
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0050

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (WMS) – Not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
**Former Haldimand County Hydro Inc. Service Area**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**

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EB-2016-0082

## GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION

General Service does include farms supplied from polyphase primary lines. General Service includes commercial, industrial, educational, administrative, auxiliary and government services. It also includes combination services where a variety of uses are made of the service by the owner of one property. This classification applies to a non-residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	83.61
Rate Rider per Hydro One Networks' Acquisition Agreement – effective until June 30, 2020	\$	(0.84)
Distribution Volumetric Rate	\$/kW	3.9339
Low Voltage Service Rate	\$/kW	0.1550
Rate Rider per Hydro One Networks' Acquisition Agreement – effective until June 30, 2020	\$/kW	(0.0393)
Rate Rider for Application of CGAAP Accounting Changes – effective until April 30, 2019	\$/kW	(0.1394)
Funding Adder for Renewable Energy Generation – in effect until the effective date of the next cost of service based rate order	\$/kW	0.0195
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kW	(0.1440)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017 Applicable only for Non-Wholesale Market Participants	\$/kW	(3.6515)
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0017
Retail Transmission Rate – Network Service Rate	\$/kW	2.5038
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.1172

**Hydro One Networks Inc.**  
**Former Haldimand County Hydro Inc. Service Area**  
**TARIFF OF RATES AND CHARGES**  
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**MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate (WMS) – Not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
**Former Haldimand County Hydro Inc. Service Area**  
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## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	\$	19.51
Rate Rider per Hydro One Networks' Acquisition Agreement (per connection) – effective until June 30, 2020	\$	(0.20)
Distribution Volumetric Rate	\$/kWh	0.0025
Low Voltage Service Rate	\$/kWh	0.0004
Rate Rider per Hydro One Networks' Acquisition Agreement – effective until June 30, 2020	\$/kWh	(0.00003)
Rate Rider for Application of CGAAP Accounting Changes – effective until April 30, 2019	\$/kWh	(0.0015)
Funding Adder for Renewable Energy Generation – in effect until the effective date of the next cost of service based rate order	\$/kWh	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kWh	(0.0104)
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0017
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0050

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (WMS) – Not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
**Former Haldimand County Hydro Inc. Service Area**  
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## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to an account that is an unmetered lighting load supplied to a sentinel light. (Metered sentinel lighting is captured under the consumption of the principal service.) The consumption for these customers is assumed to have the same hourly consumption load profile as for Street Lighting. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	\$	14.23
Rate Rider per Hydro One Networks' Acquisition Agreement (per connection) – effective until June 30, 2020	\$	(0.14)
Distribution Volumetric Rate	\$/kW	36.7261
Low Voltage Service Rate	\$/kW	0.1099
Rate Rider per Hydro One Networks' Acquisition Agreement – effective until June 30, 2020	\$/kW	(0.3673)
Rate Rider for Application of CGAAP Accounting Changes – effective until April 30, 2019	\$/kW	(4.1655)
Funding Adder for Renewable Energy Generation – in effect until the effective date of the next cost of service based rate order	\$/kW	0.6224
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kW	(3.7412)
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0017
\Retail Transmission Rate – Network Service Rate	\$/kW	1.8176
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5528

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (WMS) – Not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
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## **STREET LIGHTING SERVICE CLASSIFICATION**

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge (per connection)	\$	5.70
Rate Rider per Hydro One Networks' Acquisition Agreement (per connection) – effective until June 30, 2020	\$	(0.06)
Distribution Volumetric Rate	\$/kW	14.5882
Low Voltage Service Rate	\$/kW	0.1130
Rate Rider per Hydro One Networks' Acquisition Agreement – effective until June 30, 2020	\$/kW	(0.1459)
Rate Rider for Application of CGAAP Accounting Changes – effective until April 30, 2019	\$/kW	(1.4430)
Funding Adder for Renewable Energy Generation – in effect until the effective date of the next cost of service based rate order	\$/kW	0.2152
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kW	(3.7131)
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0017
Retail Transmission Rate – Network Service Rate	\$/kW	1.8085
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5210

### **MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate (WMS) – Not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
**Former Haldimand County Hydro Inc. Service Area**  
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## **EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION FOR HYDRO ONE NETWORKS INC.**

This classification applies to Hydro One Networks Inc., an electricity distributor licensed by the Ontario Energy Board, and provided electricity by means of Haldimand County Hydro Inc.'s distribution facilities. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	464.17
Rate Rider per Hydro One Networks' Acquisition Agreement – effective until June 30, 2020	\$	(4.64)
Distribution Wheeling Service Rate	\$/kW	1.4304
Rate Rider per Hydro One Networks' Acquisition Agreement – effective until June 30, 2020	\$/kW	(0.0143)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kW	1.3644
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017 Applicable only for Non-Wholesale Market Participants	\$/kW	(1.7307)
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0033
Retail Transmission Rate – Network Service Rate	\$/kW	2.9981
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.6509

### **MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate (WMS) – Not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
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## **microFIT SERVICE CLASSIFICATION**

This classification applies to an electricity generation facility contracted under the Independent Electricity System Operator's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	5.40
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**Hydro One Networks Inc.**  
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## ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	(1.00)

## SPECIFIC SERVICE CHARGES

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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#### Customer Administration

Legal letter charge	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

#### Non-Payment of Account

Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge – no disconnection	\$	30.00
Disconnect/reconnect charge – at meter during regular hours	\$	65.00
Disconnect/reconnect charge - at meter after regular hours	\$	185.00
Disconnect/reconnect at pole – during regular hours	\$	185.00
Disconnect/reconnect at pole – after regular hours	\$	415.00
Install/remove load control device – during regular hours	\$	65.00
Install/remove load control device – after regular hours	\$	185.00

#### Other

Temporary service install & remove – overhead – no transformer	\$	500.00
Specific Charge for Access to the Power Poles – per pole/year (with the exception of wireless attachments)	\$	22.35
Bell Canada Pole Rentals	\$	18.08
Norfolk Pole Rentals – Billed	\$	28.61

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approved schedules of Rates, Charges and Loss Factors**

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## **RETAIL SERVICE CHARGES (if applicable)**

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year		no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

### **LOSS FACTORS**

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0655
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0548
Total Loss Factor – Embedded Distributor – Hydro One Networks Inc.	1.0288

**Hydro One Networks Inc.**  
**Former Woodstock Hydro Services Inc. Service Area**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**

**This schedule supersedes and replaces all previously  
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EB-2016-0082

**RESIDENTIAL SERVICE CLASSIFICATION**

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

**APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

**MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	19.77
Rate Rider per Hydro One Networks' Acquisition Agreement – effective until October 30, 2020	\$	(0.20)
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Rate Rider for Recovery of Smart Meter Incremental Revenue Requirement – in effect until the effective date of the next cost of service based rate order	\$	0.64
Distribution Volumetric Rate	\$/kWh	0.0133
Rate Rider per Hydro One Networks' Acquisition Agreement – effective until October 30, 2020	\$/kWh	(0.0001)
Rate Rider for Recovery of Incremental Capital – in effect until the effective date of the next cost of service based rate order	\$/kWh	0.0008
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0072
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0056

**MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate (WMS) – Not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
**Former Woodstock Hydro Services Inc. Service Area**  
**TARIFF OF RATES AND CHARGES**  
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## ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

In addition to the charges specified on page 1 of this tariff of rates and charges, the following credits are to be applied to eligible residential customers.

### APPLICATION

The application of the credits is in accordance with the Distribution System Code (Section 9) and subsection 79.2 of the Ontario Energy Board Act, 1998.

The application of these credits shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

In this class:

“Aboriginal person” includes a person who is a First Nations person, a Métis person or an Inuit person;

“account-holder” means a consumer who has an account with a distributor that falls within a residential-rate classification as specified in a rate order made by the Ontario Energy Board under section 78 of the Act, and who lives at the service address to which the account relates for at least six months in a year;

“electricity-intensive medical device” means an oxygen concentrator, a mechanical ventilator, or such other device as may be specified by the Ontario Energy Board;

“household” means the account-holder and any other people living at the accountholder’s service address for at least six months in a year, including people other than the account-holder’s spouse, children or other relatives;

“household income” means the combined annual after-tax income of all members of a household aged 16 or over;

### MONTHLY RATES AND CHARGES

#### Class A

(a) account-holders with a household income of \$28,000 or less living in a household of one or two persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of three persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of five persons;

(d) account-holders with a household income of between \$48,001 and \$52,000 living in a household of seven or more persons;

but does not include account-holders in Class E.

OESP Credit \$ (30.00)

#### Class B

(a) account-holders with a household income of \$28,000 or less living in a household of three persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of four persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons;

but does not include account-holders in Class F.

OESP Credit \$ (34.00)

#### Class C

(a) account-holders with a household income of \$28,000 or less living in a household of four persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of five persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more persons;

but does not include account-holders in Class G.

OESP Credit \$ (38.00)

**Hydro One Networks Inc.**  
**Former Woodstock Hydro Services Inc. Service Area**  
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## ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

**Class D**

- (a) account-holders with a household income of \$28,000 or less living in a household of five persons;  
(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of six persons;  
but does not include account-holders in Class H.

OESP Credit \$ (42.00)

**Class E**

Class E comprises account-holders with a household income and household size described under Class A who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;  
(b) the account-holder or any member of the account-holder's household is an Aboriginal person; or  
(c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (45.00)

**Class F**

- (a) account-holders with a household income of \$28,000 or less living in a household of six or more persons;  
(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of seven or more persons; or  
(c) account-holders with a household income and household size described under Class B who also meet any of the following conditions:

- i. the dwelling to which the account relates is heated primarily by electricity;  
ii. the account-holder or any member of the account-holder's household is an Aboriginal person; or  
iii. the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (50.00)

**Class G**

Class G comprises account-holders with a household income and household size described under Class C who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;  
(b) the account-holder or any member of the account-holder's household is an Aboriginal person; or  
(c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (55.00)

**Class H**

Class H comprises account-holders with a household income and household size described under Class D who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;  
(b) the account-holder or any member of the account-holder's household is an Aboriginal person; or  
(c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (60.00)

**Class I**

Class I comprises account-holders with a household income and household size described under paragraphs (a) or (b) of Class F who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;  
(b) the account-holder or any member of the account-holder's household is an Aboriginal person; or  
(c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (75.00)

**Hydro One Networks Inc.**  
**Former Woodstock Hydro Services Inc. Service Area**  
**TARIFF OF RATES AND CHARGES**  
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## GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

This classification applies to a non residential account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	25.19
Rate Rider per Hydro One Networks' Acquisition Agreement – effective until October 30, 2020	\$	(0.25)
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Rate Rider for Recovery of Smart Meter Incremental Revenue Requirement – in effect until the effective date of the next cost of service based rate order	\$	4.24
Distribution Volumetric Rate	\$/kWh	0.0145
Rate Rider per Hydro One Networks' Acquisition Agreement – effective until October 30, 2020	\$/kWh	(0.0002)
Rate Rider for Recovery of Incremental Capital – in effect until the effective date of the next cost of service based rate order	\$/kWh	0.0007
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0053

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (WMS) – Not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
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## **GENERAL SERVICE 50 to 999 kW SERVICE CLASSIFICATION**

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 1,000 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	139.96
Rate Rider per Hydro One Networks' Acquisition Agreement – effective until October 30, 2020	\$	(1.40)
Distribution Volumetric Rate	\$/kW	2.5777
Rate Rider per Hydro One Networks' Acquisition Agreement – effective until October 30, 2020	\$/kW	(0.0258)
Rate Rider for Recovery of Incremental Capital – in effect until the effective date of the next cost of service based rate order	\$/kW	0.3251
Retail Transmission Rate – Network Service Rate	\$/kW	2.7931
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.2465

### **MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate (WMS) – Not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
**Former Woodstock Hydro Services Inc. Service Area**  
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## **GENERAL SERVICE GREATER THAN 1,000 kW SERVICE CLASSIFICATION**

This classification applies to a non-residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 1,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	518.85
Rate Rider per Hydro One Networks' Acquisition Agreement – effective until October 30, 2020	\$	(5.19)
Distribution Volumetric Rate	\$/kW	2.7398
Rate Rider per Hydro One Networks' Acquisition Agreement – effective until October 30, 2020	\$/kW	(0.0274)
Rate Rider for Recovery of Incremental Capital – in effect until the effective date of the next cost of service based rate order	\$/kW	0.4795
Retail Transmission Rate – Network Service Rate	\$/kW	2.7931
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.2465

### **MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate (WMS) – Not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
**Former Woodstock Hydro Services Inc. Service Area**  
**TARIFF OF RATES AND CHARGES**  
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## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	10.53
Rate Rider per Hydro One Networks' Acquisition Agreement – effective until October 30, 2020	\$	(0.11)
Distribution Volumetric Rate	\$/kWh	0.0122
Rate Rider per Hydro One Networks' Acquisition Agreement – effective until October 30, 2020	\$/kWh	(0.0001)
Rate Rider for Recovery of Incremental Capital – in effect until the effective date of the next cost of service based rate order	\$/kWh	0.0008
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0053

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (WMS) – Not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011

**Hydro One Networks Inc.**  
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Standard Supply Service – Administrative Charge (if applicable)

\$

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0.25

**Hydro One Networks Inc.**  
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## **STREET LIGHTING SERVICE CLASSIFICATION**

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	3.09
Rate Rider per Hydro One Networks' Acquisition Agreement – effective until October 30, 2020	\$	(0.03)
Distribution Volumetric Rate	\$/kW	12.4552
Rate Rider per Hydro One Networks' Acquisition Agreement – effective until October 30, 2020	\$/kW	(0.1246)
Rate Rider for Recovery of Incremental Capital – in effect until the effective date of the next cost of service based rate order	\$/kW	0.2187
Retail Transmission Rate – Network Service Rate	\$/kW	2.0614
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.6581

### **MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate (WMS) – Not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Hydro One Networks Inc.**  
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## **microFIT SERVICE CLASSIFICATION**

This classification applies to an electricity generation facility contracted under the Independent Electricity System Operator's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	5.40
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**Hydro One Networks Inc.**  
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**ALLOWANCES**

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	(1.00)

**SPECIFIC SERVICE CHARGES****APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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**Customer Administration**

Notification charge	\$	15.00
Returned cheque charge (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge / change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Statement of account	\$	15.00
Account history	\$	15.00

**Non-Payment of Account**

Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge – no disconnection	\$	30.00
Disconnect/reconnect at meter – during regular hours	\$	65.00
Disconnect/reconnect at meter – after regular hours	\$	185.00
Install / remove load control device – during regular hours	\$	65.00
Install / remove load control device – after regular hours	\$	185.00

**Other**

Special meter reads	\$	30.00
Specific Charge for Access to the Power Poles – per pole/year (with the exception of wireless attachments)	\$	22.35

**Hydro One Networks Inc.**  
**Former Woodstock Hydro Services Inc. Service Area**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**

**This schedule supersedes and replaces all previously  
approved schedules of Rates, Charges and Loss Factors**

EB-2016-0082

## RETAIL SERVICE CHARGES (if applicable)

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year		no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

### LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0431
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0326
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0044

## **SPECIFIC SERVICE CHARGES**

### **1. INTRODUCTION**

Specific Service Charges are charges for specific services over and above the standard level of service as defined by the Distribution System Code. Each miscellaneous service has an OEB-approved fixed rate and is charged to a customer based on a customer's request or as the result of a customer's action or inaction that would impose a cost on Hydro One.

In its last distribution rate filing (EB-2013-0416), Hydro One proposed rates for miscellaneous services in Exhibit G2, Tab 5, Schedule 1 of that application. The rationale was that regular distribution rates only recover costs of providing standard distribution services. In its Decision issued on March 12, 2015 in relation to EB-2013-0416, the OEB directed Hydro One to file with this Application a study assessing whether its Specific Service Charges reflect its underlying costs to perform those services ("the Time Study") and propose changes accordingly. Hydro One has completed the Time Study and proposes the new charges detailed in this Exhibit.

### **2. THE STUDY**

In response to the OEB's direction, with the support of Elenchus Research Associates Inc., Hydro One completed a year-long time study of the tasks involved in providing miscellaneous services and the associated costs, including labour rates and burdens, fleet costs, material costs and pass-through charges. The charges studied included those included in Chapter 11 of the OEB's *2006 Electricity Distribution Rate Handbook* (the "Rate Handbook").

1 Hydro One used the approaches found in Chapter 11 of the Rate Handbook to define the  
2 level of the charge to bill the customer. The Study details its context and methodology  
3 and is included as Attachment 1 to this Exhibit.

4

5 **3. THE PROPOSED SPECIFIC SERVICE CHARGES**

6

7 A summary of all the proposed 2018-2022 charges can be found in Table 1 of this Exhibit  
8 (Schedule 11-1 of the Rate Handbook). Descriptions of the miscellaneous services (as  
9 found in Attachment 1 of this Exhibit) and details of the methodology used to determine  
10 the charges are provided in Appendices A and B to this Exhibit. Except where identified,  
11 the proposed charges align with the associated labour and materials identified in the Time  
12 Study.

13

14 In Appendices A and B, the Specific Service Charge for each service is based on average  
15 elapsed hours required to carry out the work, as well as burdened labour rates, vehicle  
16 costs, and material. Refer to Exhibit E1, Tab 1, Schedule 2, and Table 2 of this Exhibit  
17 (“Capital Contributions”) for a summary of the historical volumes along with 2018-2022  
18 forecasted volumes and projected revenues for each service.

19

20 Appendix A: Charges listed in Chapter 11 of the 2006 Rate Handbook and updated as  
21 per the Time Study.

22

23 Appendix B: Hydro One-specific charges, primarily calculated based on labour, as per  
24 the Time Study.

25

26 Appendix C: Hydro One-specific charges, calculated as per previously approved OEB  
27 methodology.

- 1 For the services listed in Appendix C, Specific Service Charges are determined by
- 2 methodologies that take into account the value of assets, volumes of those assets and the
- 3 costs associated with the maintenance of those assets.

**Table 1: Schedule 11-1 Specific Service Charges: Standard Amounts**  
 (\* indicates charges which reflect the average cost over the forecast period)

OEB Rate Code	Specific Service Charge Standard Name	Calculation Method	Currently Approved Rate	2018 Charge	2019 Charge	2020 Charge	2021 Charge	2022 Charge
1	Arrears Certificate	As described in Time Study (See Attachment 1)	N/A	N/A	N/A	N/A	N/A	N/A
2	Statement of Account*		\$15.00	\$13.00	\$13.00	\$13.00	\$13.00	\$13.00
3	Pulling post-dated cheques		\$15.00	N/A	N/A	N/A	N/A	N/A
4	Duplicate Invoices for Previous Billing*		\$15.00	\$13.00	\$13.00	\$13.00	\$13.00	\$13.00
5	Request for Other Billing Information*		\$15.00	\$13.00	\$13.00	\$13.00	\$13.00	\$13.00
6a	Easement Letter – Letter Request		\$15.00	\$86.90	\$88.29	\$89.67	\$91.12	\$92.51
6b	Easement Letter - Web Request		\$15.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00
7	Income Tax Letter*		\$15.00	\$13.00	\$13.00	\$13.00	\$13.00	\$13.00
8	Notification Charge		\$15.00	N/A	N/A	N/A	N/A	N/A
9	Account History*		\$15.00	\$13.00	\$13.00	\$13.00	\$13.00	\$13.00
10	Credit Reference/Credit Check *		\$15.00 plus Credit Agency Costs	\$13.00	\$13.00	\$13.00	\$13.00	\$13.00
11	Returned Cheque Charge*		\$15.00	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00
12	Charge to Certify Cheque		\$15.00	N/A	N/A	N/A	N/A	N/A
13	Legal Letter Change	\$15.00	N/A	N/A	N/A	N/A	N/A	

OEB Rate Code	Specific Service Charge Standard Name	Calculation Method	Currently Approved Rate	2018 Charge	2019 Charge	2020 Charge	2021 Charge	2022 Charge
14	Account Set Up Charge/Change of Occupancy Charge (Plus Credit Agency Costs, if applicable)*		\$30.00	\$38.00	\$38.00	\$38.00	\$38.00	\$38.00
15	Special Meter Reads*		\$30.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
16	Collection of Account Charge – No Disconnection*		\$30.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00
17	Collection of Account Charge – No Disconnection – After Regular Hours		\$165.00	N/A	N/A	N/A	N/A	N/A
18 & 19	Collection – Disconnect/Reconnect at Meter & Install/Remove Load Control Device – During Regular Hours*		\$65.00	\$120.00	\$120.00	\$120.00	\$120.00	\$120.00
20 & 21	Collection – Disconnect/Reconnect at Meter & Install/Remove Load Control Device – After Regular Hours*		\$185.00	\$430.00	\$430.00	\$430.00	\$430.00	\$430.00
22	Collection – Disconnect/Reconnect at Pole – During Regular Hours*		\$185.00	\$320.00	\$320.00	\$320.00	\$320.00	\$320.00
23	Collection – Disconnect/Reconnect at Pole – After Regular Hours*		\$415.00	\$850.00	\$850.00	\$850.00	\$850.00	\$850.00
24	Meter Dispute Charge – Measurement Canada*		\$30.00	\$290.00 plus Measurement Canada fees				
25	Service Call – Customer Owned Equipment – During Regular Hours		\$30.00	\$210.00	\$210.00	\$210.00	\$210.00	\$210.00
26	Service Call – Customer Owned Equipment – After Regular Hours		\$165.00	\$775.00	\$775.00	\$775.00	\$775.00	\$775.00

OEB Rate Code	Specific Service Charge Standard Name	Calculation Method	Currently Approved Rate	2018 Charge	2019 Charge	2020 Charge	2021 Charge	2022 Charge
27	Temporary Service Install & Remove – Overhead – No Transformer		\$500.00	N/A	N/A	N/A	N/A	N/A
28	Temporary Service Install & Remove – Underground – No Transformer		\$300.00	N/A	N/A	N/A	N/A	N/A
29	Temporary Service Install & Remove – Overhead – With Transformer		\$1,000.00	N/A	N/A	N/A	N/A	N/A
30	Specific Charge for Access to Power Poles – Telecom		\$41.28	\$43.99	\$44.60	\$45.22	\$45.84	\$46.47
31a	Vacant Premise – Move in with Reconnect of Electrical Service at Meter*		NEW	\$95.00	\$95.00	\$95.00	\$95.00	\$95.00
31b	Vacant Premise – Move in with Reconnect of Electrical Service at Pole		NEW	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00
32	Reconnect Completed after Regular Hours (Customer/Contract Driven) – at Meter*		NEW	\$245.00	\$245.00	\$245.00	\$245.00	\$245.00
33	Reconnect Completed after Regular Hours (Customer/Contract) Driven) – at Pole*		NEW	\$475.00	\$475.00	\$475.00	\$475.00	\$475.00
34 & 35	Additional Service Layout Fee – Basic/Complex (more than one hour)		\$635/\$845	\$561.08	\$569.51	\$577.91	\$586.72	\$595.20
36	Pipeline Crossings		\$2,540.00	\$2,363.12	\$2,396.75	\$2,430.28	\$2,465.43	\$2,499.29
37	Water Crossings		\$3,225.00	\$3,522.56	\$3,570.65	\$3,618.57	\$3,668.82	\$3,717.21
38	Railway Crossings		\$6,095.00	\$4,690.71 plus Railway Feedthrough	\$4,760.48 plus Railway Feedthrough Costs	\$4,830.33 plus Railway Feedthrough	\$4,899.24 plus Railway Feedthrough	\$4,965.66 plus Railway Feedthrough

OEB Rate Code	Specific Service Charge Standard Name	Calculation Method	Currently Approved Rate	2018 Charge	2019 Charge	2020 Charge	2021 Charge	2022 Charge
				Costs		Costs	Costs	Costs
39a	Overhead Line Staking Per Meter		\$4.95	\$4.17	\$4.24	\$4.30	\$4.36	\$4.42
39b	Underground Line Staking Per Meter		\$4.95	\$3.00	\$3.05	\$3.09	\$3.14	\$3.18
39c	Subcable Line Staking Per Meter		\$4.95	\$2.62	\$2.66	\$2.70	\$2.74	\$2.78
40	Central Metering – New Service <45 kW		\$120.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00
41	Conversion to Central Metering <45 kW		\$1,035.00	\$1,534.07	\$1,553.47	\$1,572.92	\$1,593.19	\$1,612.75
42	Conversion to Central Metering >=45 kW		\$915.00	\$1,434.07	\$1,453.47	\$1,472.92	\$1,493.19	\$1,512.75
43	Tingle/Stray Voltage Test – excess of 4 hours, if customer equipment is defective		\$140.00	N/A	N/A	N/A	N/A	N/A
44	Standby Administration Charge		N/A	N/A	N/A	N/A	N/A	N/A
45a	Connection Impact Assessments – Net Metering		\$5,620.00	\$3,146.11	\$3,192.85	\$3,239.70	\$3,285.66	\$3,329.86
45b	Connection Impact Assessments – Embedded LDC Generators		\$5,620.00	\$2,825.21	\$2,873.57	\$2,921.93	\$2,960.07	\$2,996.97
45c	Connection Impact Assessments – Small Projects <= 500 kW		\$5,620.00	\$3,216.36	\$3,266.07	\$3,315.83	\$3,361.46	\$3,405.38
45d	Connection Impact Assessments – Small Projects <= 500 kW, Simplified		\$5,620.00	\$1,941.06	\$1,971.27	\$2,001.42	\$2,028.44	\$2,054.41
45e	Connection Impact Assessments – Greater than Capacity Allocation Exempt Projects – Capacity Allocation Required Projects		\$12,055.00	\$8,518.75	\$8,641.91	\$8,765.05	\$8,890.57	\$9,011.83
45f	Connection Impact Assessments – Greater than Capacity Allocation Exempt Projects – TS Review for LDC Capacity Allocation Required Projects		\$12,055.00	\$5,637.93	\$5,727.89	\$5,817.80	\$5,895.15	\$5,969.89

OEB Rate Code	Specific Service Charge Standard Name	Calculation Method	Currently Approved Rate	2018 Charge	2019 Charge	2020 Charge	2021 Charge	2022 Charge
46a	Retailer Services – Establishing Service Agreements (rates as per the Handbook)		\$100/agreement/ Retailer +\$20/month/ Retailer +\$0.50/month/ customer + other	\$100/agreement/ Retailer +\$20/month/ Retailer +\$0.50/month/ customer + other	\$100/agreement/ Retailer +\$20/month/Retailer +\$0.50/month/ customer + other	\$100/agreement/ Retailer +\$20/month/ Retailer +\$0.50/month/ customer + other	\$100/agreement /Retailer +\$20/month/ Retailer +\$0.50/month/ customer + other	\$100/agreement/ Retailer +\$20/month/R etailer +\$0.50/month/ customer + other
46b	Retailer Services – Other (includes Bill Ready for Retailers and Service Transaction Requests) as per the Handbook		\$0.30/month/ customer + \$0.25/request for request fee + \$0.50/request for process fee	\$0.30/month/ customer + \$0.25/request for request fee + \$0.50/request for process fee	\$0.30/month/ customer + \$0.25/request for request fee + \$0.50/request for process fee			
47	Specific Charge for Access to Power Poles – LDC		\$47.82	\$76.46	\$77.53	\$78.60	\$79.69	\$80.78
48	Specific Charge for Access to Power Poles – Generators		\$47.82	\$76.46	\$77.53	\$78.60	\$79.69	\$80.78
49	Specific Charge for Access to Power Poles – Municipal Streetlights		\$2.04	\$2.04	\$2.04	\$2.04	\$2.04	\$2.04
50	Sentinel Light Rental Charge		\$9.51	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00
51	Sentinel Light Pole Rental Charge		\$4.15	\$7.00	\$7.00	\$7.00	\$7.00	\$7.00
52	Late Payment Charge		1.5%/month	1.5%/month	1.5%/month	1.5%/month	1.5%/month	1.5%/month

**Table 2: Capital Contributions**

Rate Code	Description	Bridge Year				Test Years											
		2013	2014	2015	2016	2017		2018		2019		2020		2021		2022	
		Volume	Volume	Volume	Volume	Volume Forecast	Proposed Capital										
34 & 35	Additional Service Layout Fee – Basic/Complex (More than One Hour)	N/A	N/A	N/A	141	144	\$92,649.60	144	\$80,795.52	144	\$82,009.44	144	\$83,219.04	144	\$84,487.68	144	\$85,708.80
36	Crossing Application – Pipeline	N/A	N/A	N/A	0	1	\$2,540.00	1	\$2,363.12	1	\$2,396.75	1	\$2,430.28	1	\$2,465.43	1	\$2,499.29
37	Crossing Application – Water	N/A	N/A	N/A	0	1	\$3,225.00	1	\$3,522.56	1	\$3,570.65	1	\$3,618.57	1	\$3,668.82	1	\$3,717.21
38	Crossing Application – Railroad (Plus Railway Feedthrough Costs)	33	N/A	N/A	26	30	\$179,802.50	30	\$134,203.47	30	\$133,099.87	30	\$134,936.54	30	\$136,785.01	30	\$138,672.72
39a	Overhead Line Staking – per meter	81,200	86,800	137,900	84,700	97,650	\$483,367.50	97,650	\$407,200.50	97,650	\$414,036.00	97,650	\$419,895.00	97,650	\$425,754.00	97,650	\$431,613.00
39b	Underground Line Staking – per meter	34,800	37,200	59,100	36,300	41,850	\$207,157.50	41,850	\$125,550.00	41,850	\$127,642.50	41,850	\$129,316.50	41,850	\$131,409.00	41,850	\$133,083.00
39c	Subcable Line Staking – per meter	6,650	4,150	8,430	6,230	6,365	\$31,506.75	6,365	\$16,676.30	6,365	\$16,930.90	6,365	\$17,185.50	6,365	\$17,440.10	6,365	\$17,694.70
40	Central Metering – New service < 45 kW	*	*	*	*	796	\$95,520.00	796	\$79,600.00	796	\$79,600.00	796	\$79,600.00	796	\$79,600.00	796	\$79,600.00
41	Conversion to Central Metering < 45 kW	*	*	*	*	824	\$865,200.00	824	\$1,264,077.70	824	\$1,280,063.05	824	\$1,296,082.66	824	\$1,312,791.18	824	\$1,328,907.21
42	Conversion to Central Metering >= 45 kW	*	*	*	*	53	\$49,290.00	53	\$76,005.97	53	\$77,034.15	53	\$78,064.54	53	\$79,139.24	53	\$80,175.83
	<b>Total Capital Contributions</b>						<b>\$1,000,248.85</b>		<b>\$2,189,995.14</b>		<b>\$2,216,383.32</b>		<b>\$2,244,348.63</b>		<b>\$2,273,540.46</b>		<b>\$2,301,671.76</b>

1 **APPENDIX A**

2  
3 The charges described in this section are listed in the Rate Handbook. Most of these  
4 charges are calculated based on the labour required to perform the work, as per the Time  
5 Study.

6  
7 **1. SPECIFIC SERVICE CHARGES: STANDARD FORMULAE, UPDATED**  
8 **AMOUNTS**

9  
10 **1.1 SPECIFIC SERVICE CHARGES IN SCHEDULE 11-2(A) OF THE RATE**  
11 **HANDBOOK**

12  
13 Hydro One determined the costs for these services using the OEB-approved  
14 methodology, adjusting for the labour hours and materials reported in the Time Study. It  
15 found that the costs to provide some of these services were higher or lower than the  
16 charges prescribed by the Handbook.

17  
18 Hydro One provides a number of customer services described in Appendix A and  
19 Schedule 11-2 of the Rate Handbook. For these services, identified by the OEB rate  
20 codes 1 to 24 (excluding 6a), Hydro One proposes to charge customers flat fees over the  
21 2018-2022 period in order to align with Hydro One's customer-friendly policies and  
22 avoid customer confusion. Furthermore, implementing changes to the following systems  
23 and processes on an annual basis would be costly: Hydro One's Customer Information  
24 System ("CIS"), customer correspondence, Hydro One's website and self-service portal,  
25 agent training, and internal work instructions.

26  
27 In each case, the proposed fee is an average of the cost to provide the service over the  
28 2018-2022 period, as indicated by the Time Study, rounded down to the nearest

1 dollar. For clarity, external revenue projections (as outlined in Exhibit E1, Tab 1,  
2 Schedule 2) are based on the actual cost to provide the service as indicated by the Time  
3 Study. As such, any corresponding revenue impacts would be borne by Hydro One and  
4 would not affect ratepayers. No cross-subsidy from ratepayers would occur.

5  
6 Hydro One does not offer the following services identified in the Rate Handbook for the  
7 reasons indicated below.

- 8
- 9 1. **Arrears Certificate (Rate Code 1)** – Prior to 2005 and market restructuring, Ontario  
10 Hydro recovered unpaid final bill arrears from property owners through the municipal  
11 property tax roll under the *Public Utilities Act*. Market restructuring brought about the  
12 corporatization of the distribution sector and removed this tool to collect arrears. The  
13 former practice was to provide an "arrears certificate" to the purchaser's solicitor to  
14 advise of any registered hydro liens and a final bill estimate for a hold back of funds if  
15 required. Hydro One no longer offers this service.
  - 16 2. **Pulling Post-Dated Cheques (Rate Code 3)** - Customers may elect to send Hydro One  
17 post-dated cheques at the beginning of the year. Hydro One's systems are unable to  
18 retrieve or pull post-dated cheques. Therefore, Hydro One does not offer this service,  
19 and customers must issue a stop payment on the cheque(s).
  - 20 3. **Notification Charge (Rate Code 8)** - Hydro One is unable to ascertain the definition of  
21 this service and has never charged this fee.
  - 22 4. **Charge to Certify Cheque (Rate Code 12)** – Hydro One does not perform this service.
  - 23 5. **Collection of Account Charge – No Disconnection – After Regular Hours (Rate**  
24 **Code 17)** - Hydro One does not perform collection tasks after regular hours. The cost of  
25 overtime to perform this service after regular hours would add to the underlying costs and  
26 may add further hardship to a customer.

1           **1.1.1    STATEMENT OF ACCOUNT (RATE CODE 2)**

2

3   Statements of account are used to satisfy customer requests for support documentation for  
4   income tax purposes and to satisfy requests for other billing information.

1

**Table 1: Statement of Account**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/ Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/ Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge
2018	2	Statement of Account	Direct Labour - Clerical	\$80.08	0.11	-	\$8.81	\$4.72		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	53.60%						<b>\$13.53</b>					<b>\$0.80</b>	<b>\$14.33</b>
2019	2	Statement of Account	Direct Labour - Clerical	\$81.00	0.11	-	\$8.91	\$4.84		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	54.30%						<b>\$13.75</b>					<b>\$0.80</b>	<b>\$14.55</b>
2020	2	Statement of Account	Direct Labour - Clerical	\$81.96	0.11	-	\$9.02	\$4.95		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	54.90%						<b>\$13.97</b>					<b>\$0.80</b>	<b>\$14.77</b>
2021	2	Statement of Account	Direct Labour - Clerical	\$82.92	0.11	-	\$9.12	\$5.07		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	55.60%						<b>\$14.19</b>					<b>\$0.80</b>	<b>\$14.99</b>
2022	2	Statement of Account	Direct Labour - Clerical	\$84.20	0.11	-	\$9.26	\$5.15		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	55.60%						<b>\$14.41</b>					<b>\$0.80</b>	<b>\$15.21</b>

1           **1.1.2   DUPLICATE INVOICES FOR PREVIOUS BILLING (RATE CODE**  
2                           **4)**

3

4   A customer may request a duplicate invoice to replace a lost or misplaced invoice or to  
5   satisfy the request for other billing information.

1 **Table 2: Duplicate Invoices for Previous Billing**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge
2018	4	Duplicate Invoices for Previous Billing	Direct Labour - Clerical	\$80.08	0.10		\$8.01	\$4.29		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	53.60%						<b>\$12.30</b>					<b>\$0.80</b>	<b>\$13.10</b>
2019	4	Duplicate Invoices for Previous Billing	Direct Labour - Clerical	\$81.00	0.10		\$8.10	\$4.40		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	54.30%						<b>\$12.50</b>					<b>\$0.80</b>	<b>\$13.30</b>
2020	4	Duplicate Invoices for Previous Billing	Direct Labour - Clerical	\$81.96	0.10		\$8.20	\$4.50		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	54.90%						<b>\$12.70</b>					<b>\$0.80</b>	<b>\$13.50</b>
2021	4	Duplicate Invoices for Previous Billing	Direct Labour - Clerical	\$82.92	0.10		\$8.29	\$4.61		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	55.60%						<b>\$12.90</b>					<b>\$0.80</b>	<b>\$13.70</b>
2022	4	Duplicate Invoices for Previous Billing	Direct Labour - Clerical	\$84.20	0.10		\$8.42	\$4.68		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	55.60%						<b>\$13.10</b>					<b>\$0.80</b>	<b>\$13.90</b>

1           **1.1.3   REQUEST FOR OTHER BILLING INFORMATION (RATE CODE**  
2                           **5)**

3

4   A customer may request other billing information for a variety of reasons.

5

1

**Table 3: Request for Other Billing Information**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge
2018	5	Request for Other Billing Information	Direct Labour - Clerical	\$80.08	0.11		\$8.81	\$4.72		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	53.60%						<b>\$13.53</b>					<b>\$0.80</b>	<b>\$14.33</b>
2019	5	Request for Other Billing Information	Direct Labour - Clerical	\$81.00	0.11		\$8.91	\$4.84		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	54.30%						<b>\$13.75</b>					<b>\$0.80</b>	<b>\$14.55</b>
2020	5	Request for Other Billing Information	Direct Labour - Clerical	\$81.96	0.11		\$9.02	\$4.95		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	54.90%						<b>\$13.97</b>					<b>\$0.80</b>	<b>\$14.77</b>
2021	5	Request for Other Billing Information	Direct Labour - Clerical	\$82.92	0.11		\$9.12	\$5.07		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	55.60%						<b>\$14.19</b>					<b>\$0.80</b>	<b>\$14.99</b>
2022	5	Request for Other Billing Information	Direct Labour - Clerical	\$84.20	0.11		\$9.26	\$5.15		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	55.60%						<b>\$14.41</b>					<b>\$0.80</b>	<b>\$15.21</b>

1           **1.1.4   EASEMENT LETTERS (RATE CODE 6)**

2

3   An easement or right-of-way is an agreement that confers on an individual, company or  
4   municipality the right to use a landowner's property in some way. While these agreements  
5   grant rights, they also have the effect of partially restricting an owner's use of the affected  
6   portions of land. The holder (beneficiary or grantee) of an easement or right-of-way holds  
7   certain rights regarding usage of the property described in the agreement. The holder's rights  
8   of use are described and restricted by the agreement. The landowner continues to own the  
9   land and has only given up defined rights on the portion of land used for the right-of-way or  
10   easement. The Hydro One Easement / Real Estate department deals with payments and  
11   issues related to new easement and unregistered easements only. Search for unregistered  
12   easements can be conducted on-line or by sending a letter of request to Hydro One with a  
13   legal description of the property in question.

14

15                   **1.1.4.1           EASEMENT LETTER – LETTER REQUESTS (RATE**  
16   **CODE 6A)**

17

18   Based on the Time Study, the proposal is to increase the easement letter charge (for when the  
19   request is made by letter to the Real Estate department) to the applicable rates as seen in  
20   Table 4.

1

**Table 4: Easement Letters – Letter Requests**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/ Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/ Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge
2018	6a	Easement Letters - Letter Requests	Direct Labour - Clerical	\$80.08	0.70		\$56.06	\$30.05		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	53.60%					<b>\$86.10</b>					<b>\$0.80</b>	<b>\$86.90</b>	<b>\$86.90</b>
2019	6a	Easement Letters - Letter Requests	Direct Labour - Clerical	\$81.00	0.70		\$56.70	\$30.79		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	54.30%					<b>\$87.49</b>					<b>\$0.80</b>	<b>\$88.29</b>	<b>\$88.29</b>
2020	6a	Easement Letters - Letter Requests	Direct Labour - Clerical	\$81.96	0.70		\$57.37	\$31.50		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	54.90%					<b>\$88.87</b>					<b>\$0.80</b>	<b>\$89.67</b>	<b>\$89.67</b>
2021	6a	Easement Letters - Letter Requests	Direct Labour - Clerical	\$82.92	0.70		\$58.04	\$32.27		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	55.60%					<b>\$90.32</b>					<b>\$0.80</b>	<b>\$91.12</b>	<b>\$91.12</b>
2022	6a	Easement Letters - Letter Requests	Direct Labour - Clerical	\$84.20	0.70		\$58.94	\$32.77		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	55.60%					<b>\$91.71</b>					<b>\$0.80</b>	<b>\$92.51</b>	<b>\$92.51</b>

1                   **1.1.4.2                   EASEMENT LETTERS – WEB REQUESTS (RATE**  
2                   **CODE 6B)**

3  
4 Hydro One currently charges \$25 for web-based easement searches to cover the costs of  
5 web development, maintenance, data updates (i.e. as utilities are acquired), planned  
6 enhancements, e-billing services and credit card fees. Hydro One has continued to  
7 charge the historical fee of \$25 that Ontario Hydro had been charging for easement letters  
8 irrespective of whether it was an easement letter request or self-initiated web inquiry.  
9 This provides parties with an equal cost for inquiries irrespective of source option. This  
10 fee did not reflect either the true cost of responding to letter inquiries, which based on the  
11 Time Study should be a charge of approximately \$90, or the cost to develop the web  
12 application.

13  
14 The initial development cost of the web application was approximately \$500,000 with an  
15 annual maintenance cost of \$10,000 to \$20,000 for database management. On a present  
16 value basis and considering future enhancements of approximately \$100,000, such as a  
17 GIS search interface and expanded payment capabilities, the costs are not estimated to be  
18 fully recovered until 2022 at the present rate of \$25 per inquiry. More so, the future  
19 enhancements in 2018 are considered key to the forecast for easement letters in the  
20 forecast period.

21  
22                   **1.1.5    INCOME TAX LETTERS (RATE CODE 7)**

23  
24 An income tax letter is usually used to satisfy customer requests for support  
25 documentation for income tax purposes.

1

**Table 5: Income Tax Letters**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge
2018	7	Income Tax Letters	Direct Labour - Clerical	\$80.08	0.10		\$8.01	\$4.29		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	53.60%					<b>\$12.30</b>					<b>\$0.80</b>	<b>\$13.10</b>	<b>\$13.00</b>
2019	7	Income Tax Letters	Direct Labour - Clerical	\$81.00	0.10		\$8.10	\$4.40		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	54.30%					<b>\$12.50</b>					<b>\$0.80</b>	<b>\$13.30</b>	<b>\$13.00</b>
2020	7	Income Tax Letters	Direct Labour - Clerical	\$81.96	0.10		\$8.20	\$4.50		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	54.90%					<b>\$12.70</b>					<b>\$0.80</b>	<b>\$13.50</b>	<b>\$13.00</b>
2021	7	Income Tax Letters	Direct Labour - Clerical	\$82.92	0.10		\$8.29	\$4.61		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	55.60%					<b>\$12.90</b>					<b>\$0.80</b>	<b>\$13.70</b>	<b>\$13.00</b>
2022	7	Income Tax Letters	Direct Labour - Clerical	\$84.20	0.10		\$8.42	\$4.68		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	55.60%					<b>\$13.10</b>					<b>\$0.80</b>	<b>\$13.90</b>	<b>\$13.00</b>

1           **1.1.6   ACCOUNT HISTORY (RATE CODE 9)**

2

3   Customer requests for account history only occur when there has been a change in the  
4   Hydro One billing system. Customer account information for customers billed through  
5   Hydro One's old retail customer information system until mid-1998 has been archived to  
6   Microfiche. Account history information for customers billed using the Customer  
7   Service System after mid-1998, is archived in Hydro One's Heritage Data Library.

1

**Table 6: Account History**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge
2018	9	Account History	Direct Labour - Clerical	\$80.08	0.11		\$8.81	\$4.72		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	53.60%					<b>\$13.53</b>					<b>\$0.80</b>	<b>\$14.33</b>	<b>\$13.00</b>
2019	9	Account History	Direct Labour - Clerical	\$81.00	0.11		\$8.91	\$4.84		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	54.30%					<b>\$13.75</b>					<b>\$0.80</b>	<b>\$14.55</b>	<b>\$13.00</b>
2020	9	Account History	Direct Labour - Clerical	\$81.96	0.11		\$9.02	\$4.95		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	54.90%					<b>\$13.97</b>					<b>\$0.80</b>	<b>\$14.77</b>	<b>\$13.00</b>
2021	9	Account History	Direct Labour - Clerical	\$82.92	0.11		\$9.12	\$5.07		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	55.60%					<b>\$14.19</b>					<b>\$0.80</b>	<b>\$14.99</b>	<b>\$13.00</b>
2022	9	Account History	Direct Labour - Clerical	\$84.20	0.11		\$9.26	\$5.15		Material	\$0.80	1.00	\$0.80			
			Payroll Burden	55.60%					<b>\$14.41</b>					<b>\$0.80</b>	<b>\$15.21</b>	<b>\$13.00</b>

1           **1.1.7 CREDIT REFERENCE/CREDIT CHECK (RATE CODE 10)**

2

3       The fee for performing this specific service is charged when a customer requests a credit  
4       reference letter from Hydro One, to be used to show other utilities that they are a  
5       satisfactory credit risk. This may determine whether the customer's security deposit can  
6       be waived or not.

1

**Table 7: Credit Reference/Credit Check**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge
2018	10	Credit Reference/Credit Check	Direct Labour - Clerical	\$80.08	0.16		\$12.81	\$6.87								
			Payroll Burden	53.60%					<b>\$19.68</b>						<b>\$0.00</b>	<b>\$19.68</b>
2019	10	Credit Reference/Credit Check	Direct Labour - Clerical	\$81.00	0.16		\$12.96	\$7.04								
			Payroll Burden	54.30%					<b>\$20.00</b>						<b>\$0.00</b>	<b>\$20.00</b>
2020	10	Credit Reference/Credit Check	Direct Labour - Clerical	\$81.96	0.16		\$13.11	\$7.20								
			Payroll Burden	54.90%					<b>\$20.31</b>						<b>\$0.00</b>	<b>\$20.31</b>
2021	10	Credit Reference/Credit Check	Direct Labour - Clerical	\$82.92	0.16		\$13.27	\$7.38								
			Payroll Burden	55.60%					<b>\$20.64</b>						<b>\$0.00</b>	<b>\$20.64</b>
2022	10	Credit Reference/Credit Check	Direct Labour - Clerical	\$84.20	0.16		\$13.47	\$7.49								
			Payroll Burden	55.60%					<b>\$20.96</b>						<b>\$0.00</b>	<b>\$20.96</b>

1           **1.1.8    RETURNED CHEQUE CHARGE (RATE CODE 11)**

2

3    Hydro One charges customers a fee if insufficient funds are available in the account on  
4    which the money was drawn. There are no other pass-through costs; the banks invoice  
5    their fees directly to the customer.

1

**Table 8: Returned Cheque**

Charge Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge
2018	11	Returned Cheque Charge	Direct Labour - Clerical	\$80.08	0.06		\$4.80	\$2.58								
			Payroll Burden	53.60%					<b>\$7.38</b>					<b>\$0.00</b>	<b>\$7.38</b>	<b>\$7.00</b>
2019	11	Returned Cheque Charge	Direct Labour - Clerical	\$81.00	0.06		\$4.86	\$2.64								
			Payroll Burden	54.30%					<b>\$7.50</b>					<b>\$0.00</b>	<b>\$7.50</b>	<b>\$7.00</b>
2020	11	Returned Cheque Charge	Direct Labour - Clerical	\$81.96	0.06		\$4.92	\$2.70								
			Payroll Burden	54.90%					<b>\$7.62</b>					<b>\$0.00</b>	<b>\$7.62</b>	<b>\$7.00</b>
2021	11	Returned Cheque Charge	Direct Labour - Clerical	\$82.92	0.06		\$4.98	\$2.77								
			Payroll Burden	55.60%					<b>\$7.74</b>					<b>\$0.00</b>	<b>\$7.74</b>	<b>\$7.00</b>
2022	11	Returned Cheque Charge	Direct Labour - Clerical	\$84.20	0.06		\$5.05	\$2.81								
			Payroll Burden	55.60%					<b>\$7.86</b>					<b>\$0.00</b>	<b>\$7.86</b>	<b>\$7.00</b>

1           **1.1.9   LEGAL LETTER CHARGE (RATE CODE 13)**

2

3   Legal letters are processed for many reasons and may include the requirement for Hydro  
4   One's legal department to do research into the matter. Hydro One proposes that actual  
5   costs, based on time, equipment and materials, be charged for the performance of this  
6   service.

7

8           **1.1.10   ACCOUNT SET UP CHARGE/CHANGE OF OCCUPANCY**  
9                   **CHARGE (RATE CODE 14)**

10

11   This charge is levied when a new account is set up or an account is transferred from one  
12   person to another. A property owner or occupant requesting to open an account agrees to  
13   be a Hydro One customer and assumes responsibility for distribution service charges  
14   provided to the service address. This process is triggered by a Customer / Landlord  
15   request for a Start / Transfer Contract via phone, fax or e-mail. A new account set up  
16   charge applies to the new accounts and appears on the customer's first electricity bill.  
17   This occurs when a customer is opening a new electricity account or moving from one  
18   Hydro One property to another.

1

**Table 9: Account Set Up Charge/Change of Occupancy Charge**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge
2018	14	Account Set Up Charge/Change of Occupancy Charge	Direct Labour - Clerical	\$80.08	0.30		\$24.02	\$12.88								
			Payroll Burden	53.60%						<b>\$36.90</b>					<b>\$0.00</b>	<b>\$36.90</b>
2019	14	Account Set Up Charge/Change of Occupancy Charge	Direct Labour - Clerical	\$81.00	0.30		\$24.30	\$13.19								
			Payroll Burden	54.30%						<b>\$37.49</b>					<b>\$0.00</b>	<b>\$37.49</b>
2020	14	Account Set Up Charge/Change of Occupancy Charge	Direct Labour - Clerical	\$81.96	0.30		\$24.59	\$13.50								
			Payroll Burden	54.90%						<b>\$38.09</b>					<b>\$0.00</b>	<b>\$38.09</b>
2021	14	Account Set Up Charge/Change of Occupancy Charge	Direct Labour - Clerical	\$82.92	0.30		\$24.88	\$13.83								
			Payroll Burden	55.60%						<b>\$38.71</b>					<b>\$0.00</b>	<b>\$38.71</b>
2022	14	Account Set Up Charge/Change of Occupancy Charge	Direct Labour - Clerical	\$84.20	0.30		\$25.26	\$14.04								
			Payroll Burden	55.60%						<b>\$39.30</b>					<b>\$0.00</b>	<b>\$39.30</b>

1           **1.1.11 SPECIAL METER READS - RETAILER REQUESTED OFF-**  
2                           **CYCLE READ (RATE CODE 15)**

3  
4  
5  
6  
7  
8  
9  
10

Where a Service Transfer Request is made, a switch bill will be issued to the customer. This bill will be based on an actual meter read unless the Customer, Hydro One and the Retailer agree in writing to an alternative. The effective date of the service transfer shall be the next scheduled meter reading date unless a request is made for a special meter reading and Hydro One can accommodate the request. In these instances, Hydro One proposes to recover the cost of labour and material by implementing the charge in Table 10.

1 **Table 10: Special Meter Reads (Retailer Requested Off-Cycle Read)**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge
2018	15	Special Meter Reads (retailer requested off-cycle read)	Direct Labour - Clerical	\$80.08	0.11		\$8.81	\$4.72	\$13.53	Small Vehicle Time	\$10.00	0.75	\$7.50			
			Direct Labour - Field Staff (MRDC)	\$60.55	0.75		\$45.41	\$24.34	\$69.75							
			Payroll Burden	53.60%					<b>\$83.28</b>					<b>\$7.50</b>	<b>\$90.78</b>	<b>\$90.00</b>
2019	15	Special Meter Reads (retailer requested off-cycle read)	Direct Labour - Clerical	\$81.00	0.11		\$8.91	\$4.84	\$13.75	Small Vehicle Time	\$10.00	0.75	\$7.50			
			Direct Labour - Field Staff (MRDC)	\$60.91	0.75		\$45.68	\$24.81	\$70.49							
			Payroll Burden	54.30%					<b>\$84.24</b>					<b>\$7.50</b>	<b>\$91.74</b>	<b>\$90.00</b>
2020	15	Special Meter Reads (retailer requested off-cycle read)	Direct Labour - Clerical	\$81.96	0.11		\$9.02	\$4.95	\$13.97	Small Vehicle Time	\$10.00	0.75	\$7.50			
			Direct Labour - Field Staff (MRDC)	\$61.31	0.75		\$45.98	\$25.24	\$71.23							
			Payroll Burden	54.90%					<b>\$85.19</b>					<b>\$7.50</b>	<b>\$92.69</b>	<b>\$90.00</b>
2021	15	Special Meter Reads (retailer requested off-cycle read)	Direct Labour - Clerical	\$82.92	0.11		\$9.12	\$5.07	\$14.19	Small Vehicle Time	\$10.00	0.75	\$7.50			
			Direct Labour - Field Staff (MRDC)	\$61.71	0.75		\$46.28	\$25.73	\$72.02							
			Payroll Burden	55.60%					<b>\$86.21</b>					<b>\$7.50</b>	<b>\$93.71</b>	<b>\$90.00</b>
2022	15	Special Meter Reads (retailer requested off-cycle read)	Direct Labour - Clerical	\$84.20	0.11		\$9.26	\$5.15	\$14.41	Small Vehicle Time	\$10.00	0.75	\$7.50			
			Direct Labour - Field Staff (MRDC)	\$62.35	0.75		\$46.76	\$26.00	\$72.76							
			Payroll Burden	55.60%					<b>\$87.17</b>					<b>\$7.50</b>	<b>\$94.67</b>	<b>\$90.00</b>

1           **1.1.12    COLLECTION OF ACCOUNT CHARGES**

2  
3    As outlined in Chapter 11 of the Rate Handbook, Section 11.3.2, pursuant to section 31  
4    of the *Electricity Act*, a distributor may consider disconnection of electricity services for  
5    non-payment of account. The collection of account charge is intended to cover the field  
6    costs, or part of the costs, of additional collection activities that are beyond the routine of  
7    a distributor, as a result of an individual customer's non-payment of its account. The  
8    Distribution System Code defines a disconnect/collect trip as, a visit to a customer's  
9    premises by an employee or agent of the distributor to demand payment of any  
10   outstanding amount, or to shut off or limit distribution of electricity to the customer  
11   failing payment. Furthermore, as outlined in Section 11.3.3 of the Rate Handbook, a  
12   distributor may establish a reconnection of electricity service charge. This charge would  
13   recover the costs of the physical process of re-establishing power to the customer.

14  
15           **1.1.12.1   COLLECTION OF ACCOUNT CHARGE - NO**  
16                           **DISCONNECTION - DURING REGULAR HOURS (RATE**  
17                           **CODE 16)**

18  
19   This service covers the field collection activities due to customer non-payment of bill.  
20   The work is initiated by a notification / order. If on arrival at the customer's site, the  
21   customer pays the outstanding balance, no disconnect will occur, however this charge  
22   will still apply to recover the cost of scheduling the visit and the staff making the visit to  
23   the customer's property.

1 **Table 11: Collection of Account Charge - No Disconnection - During Regular Hours**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge
2018	16	Collection of Account Charge - No Disconnection - During Regular Hours	Direct Labour - Clerical	\$80.08	0.25		\$20.02	\$10.73	\$30.75	Small Vehicle Time	\$10.00	0.66	\$6.60			
			Direct Labour - Field Staff (MRDC)	\$60.55	0.66		\$39.96	\$21.42	\$61.38							
			Payroll Burden	53.60%					<b>\$92.13</b>					<b>\$6.60</b>	<b>\$98.73</b>	<b>\$100.00</b>
2019	16	Collection of Account Charge - No Disconnection - During Regular Hours	Direct Labour - Clerical	\$81.00	0.25		\$20.25	\$11.00	\$31.25	Small Vehicle Time	\$10.00	0.66	\$6.60			
			Direct Labour - Field Staff (MRDC)	\$60.91	0.66		\$40.20	\$21.83	\$62.03							
			Payroll Burden	54.30%					<b>\$93.28</b>					<b>\$6.60</b>	<b>\$99.88</b>	<b>\$100.00</b>
2020	16	Collection of Account Charge - No Disconnection - During Regular Hours	Direct Labour - Clerical	\$81.96	0.25		\$20.49	\$11.25	\$31.74	Small Vehicle Time	\$10.00	0.66	\$6.60			
			Direct Labour - Field Staff (MRDC)	\$61.31	0.66		\$40.46	\$22.22	\$62.68							
			Payroll Burden	54.90%					<b>\$94.42</b>					<b>\$6.60</b>	<b>\$101.02</b>	<b>\$100.00</b>
2021	16	Collection of Account Charge - No Disconnection - During Regular Hours	Direct Labour - Clerical	\$82.92	0.25		\$20.73	\$11.53	\$32.26	Small Vehicle Time	\$10.00	0.66	\$6.60			
			Direct Labour - Field Staff (MRDC)	\$61.71	0.66		\$40.73	\$22.65	\$63.37							
			Payroll Burden	55.60%					<b>\$95.63</b>					<b>\$6.60</b>	<b>\$102.23</b>	<b>\$100.00</b>
2022	16	Collection of Account Charge - No Disconnection - During Regular Hours	Direct Labour - Clerical	\$84.20	0.25		\$21.05	\$11.70	\$32.75	Small Vehicle Time	\$10.00	0.66	\$6.60			
			Direct Labour - Field Staff (MRDC)	\$62.35	0.66		\$41.15	\$22.88	\$64.03							
			Payroll Burden	55.60%					<b>\$96.78</b>					<b>\$6.60</b>	<b>\$103.38</b>	<b>\$100.00</b>

1           **1.1.12.2 COLLECTION OF ACCOUNT CHARGE –**  
2           **DISCONNECT/RECONNECT AT METER &**  
3           **INSTALL/REMOVE LOAD CONTROL DEVICE – DURING**  
4           **REGULAR HOURS (RATE CODES 18 & 19)**

5  
6       When a customer has not paid their electricity bill for an extensive period (45 days) of  
7       time, an electricity disconnection notice is issued. If payment is still not received, a  
8       disconnection or the installation of a load limiter is performed. These activities are  
9       performed in accordance with Subsection 31(1) of the *Electricity Act, 1998* which  
10      provides that:

11

12           *A distributor may shut off the distribution of electricity to a property if any*  
13           *amount payable by a person for the distribution or retail of electricity to*  
14           *the property pursuant to Section 29 is overdue.*

1

**Table 12: Disconnect/Reconnect at Meter & Install/Remove Load Control Device – During Regular Hours**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2018	18&19	Collection - Disconnect/Reconnect at Meter & Install/Remove Load Control Device - During Regular Hours	Direct Labour - Clerical	\$80.08	0.43		\$34.43	\$18.46	\$52.89	Small Vehicle Time	\$10.00	0.62	\$6.20				
			Direct Labour - Field Staff (MRDC)	\$60.55	0.62		\$37.54	\$20.12	\$57.66	Meter Seal	\$0.17	1.00	\$0.17				
			Payroll Burden	53.60%							Meter Ring	\$4.95	0.10	\$0.50			
										<b>\$110.55</b>	Sleeves	\$0.07	2.00	\$0.14	<b>\$7.01</b>	<b>\$117.56</b>	<b>\$120.00</b>
2019	18&19	Collection - Disconnect/Reconnect at Meter & Install/Remove Load Control Device - During Regular Hours	Direct Labour - Clerical	\$81.00	0.43		\$34.83	\$18.91	\$53.74	Small Vehicle Time	\$10.00	0.62	\$6.20				
			Direct Labour - Field Staff (MRDC)	\$60.91	0.62		\$37.76	\$20.51	\$58.27	Meter Seal	\$0.17	1.00	\$0.17				
			Payroll Burden	54.30%							Meter Ring	\$4.95	0.10	\$0.50			
										<b>\$112.01</b>	Sleeves	\$0.07	2.00	\$0.14	<b>\$7.01</b>	<b>\$119.02</b>	<b>\$120.00</b>
2020	18&19	Collection - Disconnect/Reconnect at Meter & Install/Remove Load Control Device - During Regular Hours	Direct Labour - Clerical	\$81.96	0.43		\$35.24	\$19.35	\$54.59	Small Vehicle Time	\$10.00	0.62	\$6.20				
			Direct Labour - Field Staff (MRDC)	\$61.31	0.62		\$38.01	\$20.87	\$58.88	Meter Seal	\$0.17	1.00	\$0.17				
			Payroll Burden	54.90%							Meter Ring	\$4.95	0.10	\$0.50			
										<b>\$113.47</b>	Sleeves	\$0.07	2.00	\$0.14	<b>\$7.01</b>	<b>\$120.48</b>	<b>\$120.00</b>

2

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2021	18&19	Collection - Disconnect/Reconnect at Meter & Install/Remove Load Control Device - During Regular Hours	Direct Labour - Clerical	\$82.92	0.43		\$35.66	\$19.82	\$55.48	Small Vehicle Time	\$10.00	0.62	\$6.20				
			Direct Labour - Field Staff (MRDC)	\$61.71	0.62		\$38.26	\$21.27	\$59.53	Meter Seal	\$0.17	1.00	\$0.17				
			Payroll Burden	55.60%						Meter Ring	\$4.95	0.10	\$0.50				
									<b>\$115.01</b>	Sleeves	\$0.07	2.00	\$0.14	<b>\$7.01</b>	<b>\$122.02</b>	<b>\$120.00</b>	
2022	18&19	Collection - Disconnect/Reconnect at Meter & Install/Remove Load Control Device - During Regular Hours	Direct Labour - Clerical	\$84.20	0.43		\$36.21	\$20.13	\$56.34	Small Vehicle Time	\$10.00	0.62	\$6.20				
			Direct Labour - Field Staff (MRDC)	\$62.35	0.62		\$38.66	\$21.49	\$60.15	Meter Seal	\$0.17	1.00	\$0.17				
			Payroll Burden	55.60%						Meter Ring	\$4.95	0.10	\$0.50				
									<b>\$116.49</b>	Sleeves	\$0.07	2.00	\$0.14	<b>\$7.01</b>	<b>\$123.49</b>	<b>\$120.00</b>	

1           **1.1.12.3       COLLECTION OF ACCOUNT CHARGE –**  
2                           **DISCONNECT/RECONNECT AT METER &**  
3                           **INSTALL/REMOVE LOAD CONTROL DEVICE – AFTER**  
4                           **REGULAR HOURS (RATE CODES 20 & 21)**

5  
6       When a customer has been disconnected or a load control device has been installed, and  
7       they later make payment on their current bill and agree to pay the after hours fee to have  
8       the meter reconnected or the load control device removed after regular hours, the charges  
9       in Table 13 below are incurred.

**Table 13: Collection of Account Charge – Disconnect/Reconnect at Meter & Install/Remove Load Control Device  
 – After Regular Hours**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2018	20& 21	Collection - Disconnect/Reconnect at Meter & Install/Remove Load Control Device - After Regular Hours	Direct Labour - Clerical	\$80.08	0.43		\$34.43	\$18.46	\$52.89	Small Vehicle Time	\$10.00	2.02	\$20.20				
			Direct Labour - Field Staff (RLM)	\$79.43	2.02	1.40	\$224.63	\$120.40	\$345.03	Meter Seal	\$0.17	1.00	\$0.17				
			Payroll Burden	53.60%							Meter Ring	\$4.95	0.10	\$0.50			
									<b>\$397.93</b>		Sleeves	\$0.07	2.00	\$0.14	<b>\$21.01</b>	<b>\$418.93</b>	<b>\$430.00</b>
2019	20& 21	Collection - Disconnect/Reconnect at Meter & Install/Remove Load Control Device - After Regular Hours	Direct Labour - Clerical	\$81.00	0.43		\$34.83	\$18.91	\$53.74	Small Vehicle Time	\$10.00	2.02	\$20.20				
			Direct Labour - Field Staff (RLM)	\$80.35	2.02	1.40	\$227.23	\$123.39	\$350.62	Meter Seal	\$0.17	1.00	\$0.17				
			Payroll Burden	54.30%							Meter Ring	\$4.95	0.10	\$0.50			
									<b>\$404.36</b>		Sleeves	\$0.07	2.00	\$0.14	<b>\$21.01</b>	<b>\$425.36</b>	<b>\$430.00</b>
2020	20& 21	Collection - Disconnect/Reconnect at Meter & Install/Remove Load Control Device - After Regular Hours	Direct Labour - Clerical	\$81.96	0.43		\$35.24	\$19.35	\$54.59	Small Vehicle Time	\$10.00	2.02	\$20.20				
			Direct Labour - Field Staff (RLM)	\$81.32	2.02	1.40	\$229.97	\$126.26	\$356.23	Meter Seal	\$0.17	1.00	\$0.17				
			Payroll Burden	54.90%							Meter Ring	\$4.95	0.10	\$0.50			
									<b>\$410.82</b>		Sleeves	\$0.07	2.00	\$0.14	<b>\$21.01</b>	<b>\$431.82</b>	<b>\$430.00</b>
2021	20&21	Collection - Disconnect/Reconnect at Meter & Install/Remove Load Control Device - After Regular Hours	Direct Labour - Clerical	\$82.92	0.43		\$35.66	\$19.82	\$55.48	Small Vehicle Time	\$10.00	2.02	\$20.20				
			Direct Labour - Field Staff (RLM)	\$82.28	2.02	1.40	\$232.69	\$129.37	\$362.06	Meter Seal	\$0.17	1.00	\$0.17				
			Payroll Burden	55.60%							Meter Ring	\$4.95	0.10	\$0.50			

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
									<b>\$417.54</b>	Sleeves	\$0.07	2.00	\$0.14	<b>\$21.01</b>	<b>\$438.55</b>	<b>\$430.00</b>	
2022	20&21	Collection - Disconnect/Reconnect at Meter & Install/Remove Load Control Device - After Regular Hours	Direct Labour - Clerical	\$84.20	0.43		\$36.21	\$20.13	\$56.34	Small Vehicle Time	\$10.00	2.02	\$20.20				
			Direct Labour - Field Staff (RLM)	\$83.56	2.02	1.40	\$236.31	\$131.39	\$367.69	Meter Seal	\$0.17	1.00	\$0.17				
			Payroll Burden	55.60%							Meter Ring	\$4.95	0.10	\$0.50			
									<b>\$424.03</b>	Sleeves	\$0.07	2.00	\$0.14	<b>\$21.01</b>	<b>\$445.04</b>	<b>\$430.00</b>	



1

**Table 14 - Collection of Account Charge – Disconnect/Reconnect at Pole – During Regular Hours**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge
2018	22	Collection - Disconnect/Reconnect at Pole - During Regular Hours	Direct Labour - Clerical	\$80.08	0.43		\$34.43	\$18.46	\$52.89	Large Vehicle Time	\$57.00	0.86	\$49.02			
			Direct Labour - Field Staff (RLM)	\$79.43	1.72		\$136.62	\$73.23	\$209.85							
			Payroll Burden	53.60%					<b>\$262.74</b>					<b>\$49.02</b>	<b>\$311.76</b>	<b>\$320.00</b>
2019	22	Collection - Disconnect/Reconnect at Pole - During Regular Hours	Direct Labour - Clerical	\$81.00	0.43		\$34.83	\$18.91	\$53.74	Large Vehicle Time	\$57.00	0.86	\$49.02			
			Direct Labour - Field Staff (RLM)	\$80.35	1.72		\$138.20	\$75.04	\$213.25							
			Payroll Burden	54.30%					<b>\$266.99</b>					<b>\$49.02</b>	<b>\$316.01</b>	<b>\$320.00</b>
2020	22	Collection - Disconnect/Reconnect at Pole - During Regular Hours	Direct Labour - Clerical	\$81.96	0.43		\$35.24	\$19.35	\$54.59	Large Vehicle Time	\$57.00	0.86	\$49.02			
			Direct Labour - Field Staff (RLM)	\$81.32	1.72		\$139.87	\$76.79	\$216.66							
			Payroll Burden	54.90%					<b>\$271.25</b>					<b>\$49.02</b>	<b>\$320.27</b>	<b>\$320.00</b>
2021	22	Collection - Disconnect/Reconnect at Pole - During Regular Hours	Direct Labour - Clerical	\$82.92	0.43		\$35.66	\$19.82	\$55.48	Large Vehicle Time	\$57.00	0.86	\$49.02			
			Direct Labour - Field Staff (RLM)	\$82.28	1.72		\$141.52	\$78.69	\$220.21							
			Payroll Burden	55.60%					<b>\$275.69</b>					<b>\$49.02</b>	<b>\$324.71</b>	<b>\$320.00</b>
2022	22	Collection - Disconnect/Reconnect at Pole - During Regular Hours	Direct Labour - Clerical	\$84.20	0.43		\$36.21	\$20.13	\$56.34	Large Vehicle Time	\$57.00	0.86	\$49.02			
			Direct Labour - Field Staff (RLM)	\$83.56	1.72		\$143.72	\$79.91	\$223.63							
			Payroll Burden	55.60%					<b>\$279.97</b>					<b>\$49.02</b>	<b>\$328.99</b>	<b>\$320.00</b>



1

**Table 15: Collection of Account Charge – Disconnect/Reconnect at Pole – After Regular Hours**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2018	23	Collection - Disconnect/Reconnect at Pole - After Regular Hours	Direct Labour - Clerical	\$80.08	0.43		\$34.43	\$18.46	\$52.89	Large Vehicle Time	\$57.00	1.56	\$88.92				
			Direct Labour - Field Staff (RLM)	\$79.43	4.00	1.40	\$444.82	\$238.42	\$683.24								
			Payroll Burden	53.60%					<b>\$736.13</b>						<b>\$88.92</b>	<b>\$825.05</b>	<b>\$850.00</b>
2019	23	Collection - Disconnect/Reconnect at Pole - After Regular Hours	Direct Labour - Clerical	\$81.00	0.43		\$34.83	\$18.91	\$53.74	Large Vehicle Time	\$57.00	1.56	\$88.92				
			Direct Labour - Field Staff (RLM)	\$80.35	4.00	1.40	\$449.96	\$244.33	\$694.29								
			Payroll Burden	54.30%					<b>\$748.03</b>						<b>\$88.92</b>	<b>\$836.95</b>	<b>\$850.00</b>
2020	23	Collection - Disconnect/Reconnect at Pole - After Regular Hours	Direct Labour - Clerical	\$81.96	0.43		\$35.24	\$19.35	\$54.59	Large Vehicle Time	\$57.00	1.56	\$88.92				
			Direct Labour - Field Staff (RLM)	\$81.32	4.00	1.40	\$455.39	\$250.01	\$705.40								
			Payroll Burden	54.90%					<b>\$759.99</b>						<b>\$88.92</b>	<b>\$848.91</b>	<b>\$850.00</b>
2021	23	Collection - Disconnect/Reconnect at Pole - After Regular Hours	Direct Labour - Clerical	\$82.92	0.43		\$35.66	\$19.82	\$55.48	Large Vehicle Time	\$57.00	1.56	\$88.92				
			Direct Labour - Field Staff (RLM)	\$82.28	4.00	1.40	\$460.77	\$256.19	\$716.96								
			Payroll Burden	55.60%					<b>\$772.44</b>						<b>\$88.92</b>	<b>\$861.36</b>	<b>\$850.00</b>
2022	23	Collection - Disconnect/Reconnect at Pole - After Regular Hours	Direct Labour - Clerical	\$84.20	0.43		\$36.21	\$20.13	\$56.34	Large Vehicle Time	\$57.00	1.56	\$88.92				
			Direct Labour - Field Staff (RLM)	\$83.56	4.00	1.40	\$467.94	\$260.17	\$728.11								
			Payroll Burden	55.60%					<b>\$784.44</b>						<b>\$88.92</b>	<b>\$873.36</b>	<b>\$850.00</b>

1           **1.1.13                   METER DISPUTE CHARGE – MEASUREMENT CANADA**  
2                                   **(RATE CODE 24)**

3

4       Meter dispute testing is typically the last step in a multi-stage escalation process between  
5       the customer and Hydro One. The process typically begins with a customer high bill  
6       inquiry, the object of which is to validate that the bill calculations, charges and bill  
7       determinants are accurate.

8

9       If Hydro One is satisfied with meter operation and accuracy of billing, and the customer  
10      is not satisfied, the customer will be referred to Measurement Canada. If the services of  
11      Measurement Canada are requested by the customer or retailer to resolve the issue, Hydro  
12      One may charge the customer for the costs of processing the application to Measurement  
13      Canada and removing and transporting the meter to a testing location. If the dispute is  
14      substantiated by Measurement Canada and the resolution is in the favour of the customer,  
15      Hydro One shall bear such costs.

16

17      The charges in Table 16 below only recover the work performed by Hydro One.  
18      Measurement Canada may charge an additional fee.

1 **Table 16: Meter Dispute Charge – Measurement Canada**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2018	24	Meter Dispute Charge - Measurement Canada	Direct Labour - Clerical	\$80.08	0.68		\$54.45	\$29.19	\$83.64	Small Vehicle Time	\$10.00	1.42	\$14.20				
			Direct Labour - Field Staff (MDET)	\$84.64	1.42		\$120.19	\$64.42	\$184.61								
			Payroll Burden	53.60%					<b>\$268.25</b>						<b>\$14.20</b>	<b>\$282.45</b>	<b>\$290.00</b>
2019	24	Meter Dispute Charge - Measurement Canada	Direct Labour - Clerical	\$81.00	0.68		\$55.08	\$29.91	\$84.99	Small Vehicle Time	\$10.00	1.42	\$14.20				
			Direct Labour - Field Staff (MDET)	\$85.54	1.42		\$121.46	\$65.96	\$187.42								
			Payroll Burden	54.30%					<b>\$272.41</b>						<b>\$14.20</b>	<b>\$286.61</b>	<b>\$290.00</b>
2020	24	Meter Dispute Charge - Measurement Canada	Direct Labour - Clerical	\$81.96	0.68		\$55.73	\$30.60	\$86.33	Small Vehicle Time	\$10.00	1.42	\$14.20				
			Direct Labour - Field Staff (MDET)	\$86.48	1.42		\$122.80	\$67.42	\$190.22								
			Payroll Burden	54.90%					<b>\$276.55</b>						<b>\$14.20</b>	<b>\$290.75</b>	<b>\$290.00</b>
2021	24	Meter Dispute Charge - Measurement Canada	Direct Labour - Clerical	\$82.92	0.68		\$56.39	\$31.35	\$87.74	Small Vehicle Time	\$10.00	1.42	\$14.20				
			Direct Labour - Field Staff (MDET)	\$87.42	1.42		\$124.14	\$69.02	\$193.16								
			Payroll Burden	55.60%					<b>\$280.89</b>						<b>\$14.20</b>	<b>\$295.09</b>	<b>\$290.00</b>
2022	24	Meter Dispute Charge - Measurement Canada	Direct Labour - Clerical	\$84.20	0.68		\$57.26	\$31.83	\$89.09	Small Vehicle Time	\$10.00	1.42	\$14.20				
			Direct Labour - Field Staff (MDET)	\$88.70	1.42		\$125.95	\$70.03	\$195.98								
			Payroll Burden	55.60%					<b>\$285.07</b>						<b>\$14.20</b>	<b>\$299.27</b>	<b>\$290.00</b>

1           **1.1.14   SERVICE CALL - CUSTOMER OWNED EQUIPMENT –**  
2                           **DURING/AFTER REGULAR HOURS (RATE CODE 25 & 26)**

3  
4   If Hydro One determines that the cause of a power issue is related to the customer-owned  
5   equipment, Hydro One crews may perform corrective service at the customer's request. The  
6   Specific Service Charge for Rate Code 25 covers only the administration and travel costs of  
7   this service. It does not cover any work associated with work on the customer-owned  
8   equipment, as it applies whether Hydro One crews work on the customer-owned equipment  
9   or not. Hydro One will charge the customer additional amounts, at actual costs, for  
10  performing any work on their equipment.

1 **Table 17: Service Call - Customer Owned Equipment - During Regular Hours**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2018	25	Service Call - Customer Owned Equipment - During Regular Hours	Direct Labour - Clerical	\$80.08	0.08		\$6.41	\$3.43	\$9.84	Large Vehicle Time	\$57.00	0.65	\$37.05				
			Direct Labour - Field Staff (RLM)	\$79.43	1.31		\$104.06	\$55.77	\$159.83								
			Payroll Burden	53.60%					<b>\$169.67</b>						<b>\$37.05</b>	<b>\$206.72</b>	<b>\$210.00</b>
2019	25	Service Call - Customer Owned Equipment - During Regular Hours	Direct Labour - Clerical	\$81.00	0.08		\$6.48	\$3.52	\$10.00	Large Vehicle Time	\$57.00	0.65	\$37.05				
			Direct Labour - Field Staff (RLM)	\$80.35	1.31		\$105.26	\$57.16	\$162.41								
			Payroll Burden	54.30%					<b>\$172.41</b>						<b>\$37.05</b>	<b>\$209.46</b>	<b>\$210.00</b>
2020	25	Service Call - Customer Owned Equipment - During Regular Hours	Direct Labour - Clerical	\$81.96	0.08		\$6.56	\$3.60	\$10.16	Large Vehicle Time	\$57.00	0.65	\$37.05				
			Direct Labour - Field Staff (RLM)	\$81.32	1.31		\$106.53	\$58.48	\$165.01								
			Payroll Burden	54.90%					<b>\$175.17</b>						<b>\$37.05</b>	<b>\$212.22</b>	<b>\$210.00</b>
2021	25	Service Call - Customer Owned Equipment - During Regular Hours	Direct Labour - Clerical	\$82.92	0.08		\$6.63	\$3.69	\$10.32	Large Vehicle Time	\$57.00	0.65	\$37.05				
			Direct Labour - Field Staff (RLM)	\$82.28	1.31		\$107.79	\$59.93	\$167.72								
			Payroll Burden	55.60%					<b>\$178.04</b>						<b>\$37.05</b>	<b>\$215.09</b>	<b>\$210.00</b>
2022	25	Service Call - Customer Owned Equipment - During Regular Hours	Direct Labour - Clerical	\$84.20	0.08		\$6.74	\$3.75	\$10.48	Large Vehicle Time	\$57.00	0.65	\$37.05				
			Direct Labour - Field Staff (RLM)	\$83.56	1.31		\$109.46	\$60.86	\$170.33								
			Payroll Burden	55.60%					<b>\$180.81</b>						<b>\$37.05</b>	<b>\$217.86</b>	<b>\$210.00</b>

1

**Table 18: Service Call - Customer Owned Equipment - After Regular Hours**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2018	26	Service Call - Customer Owned Equipment - After Regular Hours	Direct Labour - Clerical	\$80.08	0.08		\$6.41	\$3.43	\$9.84	Large Vehicle Time	\$57.00	1.31	\$74.67				
			Direct Labour - Field Staff (RLM)	\$79.43	4.00	1.40	\$444.82	\$238.42	\$683.24								
			Payroll Burden	53.60%					<b>\$693.08</b>						<b>\$74.67</b>	<b>\$767.75</b>	<b>\$775.00</b>
2019	26	Service Call - Customer Owned Equipment - After Regular Hours	Direct Labour - Clerical	\$81.00	0.08		\$6.48	\$3.52	\$10.00	Large Vehicle Time	\$57.00	1.31	\$74.67				
			Direct Labour - Field Staff (RLM)	\$80.35	4.00	1.40	\$449.96	\$244.33	\$694.29								
			Payroll Burden	54.30%					<b>\$704.29</b>						<b>\$74.67</b>	<b>\$778.96</b>	<b>\$775.00</b>
2020	26	Service Call - Customer Owned Equipment - After Regular Hours	Direct Labour - Clerical	\$81.96	0.08		\$6.56	\$3.60	\$10.16	Large Vehicle Time	\$57.00	1.31	\$74.67				
			Direct Labour - Field Staff (RLM)	\$81.32	4.00	1.40	\$455.39	\$250.01	\$705.40								
			Payroll Burden	54.90%					<b>\$715.56</b>						<b>\$74.67</b>	<b>\$790.23</b>	<b>\$775.00</b>
2021	26	Service Call - Customer Owned Equipment - After Regular Hours	Direct Labour - Clerical	\$82.92	0.08		\$6.63	\$3.69	\$10.32	Large Vehicle Time	\$57.00	1.31	\$74.67				
			Direct Labour - Field Staff (RLM)	\$82.28	4.00	1.40	\$460.77	\$256.19	\$716.96								
			Payroll Burden	55.60%					<b>\$727.28</b>						<b>\$74.67</b>	<b>\$801.95</b>	<b>\$775.00</b>
2022	26	Service Call - Customer Owned Equipment - After Regular Hours	Direct Labour - Clerical	\$84.20	0.08		\$6.74	\$3.75	\$10.48	Large Vehicle Time	\$57.00	1.31	\$74.67				
			Direct Labour - Field Staff (RLM)	\$83.56	4.00	1.40	\$467.94	\$260.17	\$728.11								
			Payroll Burden	55.60%					<b>\$738.59</b>						<b>\$74.67</b>	<b>\$813.26</b>	<b>\$775.00</b>

1           **1.1.15           INSTALL/REMOVE TEMPORARY SERVICES (RATE**  
2                           **CODES 27-29)**

3  
4     Customer requests for the installation and removal of a temporary service can vary  
5     greatly in the amount of work required. Each job will have its own unique working  
6     conditions. At the customer's request, a temporary service is connected. When the  
7     customer is ready to: (a) cancel the temporary service; or (b) transfer to the conductor  
8     and meter to the new permanent service, Hydro One will return to perform the relocation.

9  
10    To avoid cross-subsidization or over collection, Hydro One proposes that the fee for these  
11    specific services be derived on the actual costs of each individual job.

12  
13           **1.1.16    SPECIFIC CHARGE FOR ACCESS TO POWER POLES -**  
14                           **\$/POLE/YEAR (RATE CODE 30)**

15  
16    This charge is described and calculated in Appendix C.

**APPENDIX B**

The charges described in this Appendix are Hydro One specific charges, calculated based on the labour hours and material used to perform the work. The required labour hours were studied as part of the Time Study. The proposed charges recover the cost of performing the work.

**1. HYDRO ONE SPECIFIC SERVICE CHARGES: STANDARD FORMULA, UPDATED AMOUNTS**

**1.1 HYDRO ONE SPECIFIC CHARGES DESCRIPTION**

Hydro One has determined that customers should be charged the following fees for services that are beyond a distributor's normal business, and are not covered by rates. The labour hours and attributes were investigated as part of the Time Study, and the proposed charges recover the cost of performing the work and the associated material.

The following charges have previously been charged by Hydro One, but have been deemed to no longer apply.

1. Tingle/Stray Voltage Test – excess of 4 hours, if customer equipment is defective (Rate Code 43) - From the normal delivery and use of electricity, a small voltage may exist between two conductive surfaces that can be simultaneously contacted by an animal. Examples of the conductive surfaces include concrete floors, metal stabling, milk pipelines, and water bowls. This voltage is commonly referred to as, “animal contact voltage”, “stray voltage”, or “tingle voltage”. This voltage usually presents no harm. However, if the voltage level is high enough, it may affect livestock behaviour and health. Since 2009, the Distribution System Code (“DSC”) (Section 4.7 & Appendix H)

1 requires all Ontario Distribution Utilities to complete Stray Voltage Investigations on  
2 livestock farm customers by a competent person. Hydro One considers this service as part  
3 of the standard level of service in accordance with the DSC. Therefore, it is  
4 recommended that the current approved charge for Tingle/Stray Voltage Investigation be  
5 removed from the list of Hydro One Specific Services Charges.

- 6
- 7 2. A Stand-By Administration Charge (Rate Code 44) only covers the administration-related  
8 costs and not the costs of having distribution facilities in place to deliver stand-by power.  
9 Hydro One has no record of this charge ever being applied to Hydro One customers.

10

11 **1.1.2 VACANT PREMISE – MOVE IN WITH RECONNECT OF**  
12 **ELECTRICAL SERVICE – AT METER OR AT POLE (RATE CODE 31A**  
13 **& 31B)**

14

15 A Vacant Premise occurs when an existing customer cancels their account with Hydro One  
16 and the meter is left active when the existing customer's contract ends. When this occurs, if  
17 the new home owner, or landlord, does not call Hydro One to have the account for that  
18 premise moved into their name, Hydro One attempts to contact the premise owner by mail or  
19 letter delivered to the premise. If the owner of the premise does not contact Hydro One after  
20 the notices are given, Hydro One disconnects the service at the meter or pole, as the service  
21 is no longer associated with a customer.

22

23 When the new premise address owner or landlord contacts Hydro One to have an account set  
24 up in their name for the now disconnected service, Hydro One goes to the premise to perform  
25 a reconnect at the meter or pole. The reconnect service fee is recovered from the new  
26 premise address owner.

1 **Table 1: Vacant Premise – Move In with Reconnect of Electrical Service at Meter**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2018	31a	Vacant Premise - Move In with Reconnect of Electrical Service at Meter	Direct Labour - Clerical	\$80.08	0.29		\$23.22	\$12.45	\$35.67	Small Vehicle Time	\$10.00	0.57	\$5.70				
			Direct Labour - Field Staff (MRDC)	\$60.55	0.57		\$34.51	\$18.50	\$53.01	Meter Seal	\$0.17	1.00	\$0.17				
			Payroll Burden	\$0.54					\$88.68	Meter Ring	\$4.95	0.10	\$0.50	<b>\$6.37</b>	<b>\$95.05</b>	<b>\$95.00</b>	
2019	31a	Vacant Premise - Move In with Reconnect of Electrical Service at Meter	Direct Labour - Clerical	\$81.00	0.29		\$23.49	\$12.76	\$36.25	Small Vehicle Time	\$10.00	0.57	\$5.70				
			Direct Labour - Field Staff (MRDC)	\$60.91	0.57		\$34.72	\$18.85	\$53.57	Meter Seal	\$0.17	1.00	\$0.17				
			Payroll Burden	\$0.54					\$89.82	Meter Ring	\$4.95	0.10	\$0.50	<b>\$6.37</b>	<b>\$96.18</b>	<b>\$95.00</b>	
2020	31a	Vacant Premise - Move In with Reconnect of Electrical Service at Meter	Direct Labour - Clerical	\$81.96	0.29		\$23.77	\$13.05	\$36.82	Small Vehicle Time	\$10.00	0.57	\$5.70				
			Direct Labour - Field Staff (MRDC)	\$61.31	0.57		\$34.95	\$19.19	\$54.13	Meter Seal	\$0.17	1.00	\$0.17				
			Payroll Burden	\$0.55					\$90.95	Meter Ring	\$4.95	0.10	\$0.50	<b>\$6.37</b>	<b>\$97.31</b>	<b>\$95.00</b>	
2021	31a	Vacant Premise - Move In with Reconnect of Electrical Service at Meter	Direct Labour - Clerical	\$82.92	0.29		\$24.05	\$13.37	\$37.42	Small Vehicle Time	\$10.00	0.57	\$5.70				
			Direct Labour - Field Staff (MRDC)	\$61.71	0.57		\$35.17	\$19.56	\$54.73	Meter Seal	\$0.17	1.00	\$0.17				
			Payroll Burden	\$0.56					\$92.15	Meter Ring	\$4.95	0.10	\$0.50	<b>\$6.37</b>	<b>\$98.51</b>	<b>\$95.00</b>	
2022	31a	Vacant Premise - Move In with Reconnect of Electrical Service at Meter	Direct Labour - Clerical	\$84.20	0.29		\$24.42	\$13.58	\$37.99	Small Vehicle Time	\$10.00	0.57	\$5.70				
			Direct Labour - Field Staff (MRDC)	\$62.35	0.57		\$35.54	\$19.76	\$55.30	Meter Seal	\$0.17	1.00	\$0.17				
			Payroll Burden	\$0.56					\$93.29	Meter Ring	\$4.95	0.10	\$0.50	<b>\$6.37</b>	<b>\$99.66</b>	<b>\$95.00</b>	

1

**Table 2: Vacant Premise – Move In with Reconnect of Electrical Service at Pole**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/ Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/ Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2018	31b	Vacant Premise - Move In with Reconnect of Electrical Service at Pole	Direct Labour - Clerical	\$80.08	0.29		\$23.22	\$12.45	\$35.67	Large Vehicle Time	\$57.00	0.86	\$49.02				
			Direct Labour - Field Staff (RLM)	\$79.43	1.72		\$136.62	\$73.23	\$209.85								
			Payroll Burden	53.60%						<b>\$245.52</b>					<b>\$49.02</b>	<b>\$294.54</b>	<b>\$300.00</b>
2019	31b	Vacant Premise - Move In with Reconnect of Electrical Service at Pole	Direct Labour - Clerical	\$81.00	0.29		\$23.49	\$12.76	\$36.25	Large Vehicle Time	\$57.00	0.86	\$49.02				
			Direct Labour - Field Staff (RLM)	\$80.35	1.72		\$138.20	\$75.04	\$213.25								
			Payroll Burden	54.30%						<b>\$249.49</b>					<b>\$49.02</b>	<b>\$298.51</b>	<b>\$300.00</b>
2020	31b	Vacant Premise - Move In with Reconnect of Electrical Service at Pole	Direct Labour - Clerical	\$81.96	0.29		\$23.77	\$13.05	\$36.82	Large Vehicle Time	\$57.00	0.86	\$49.02				
			Direct Labour - Field Staff (RLM)	\$81.32	1.72		\$139.87	\$76.79	\$216.66								
			Payroll Burden	54.90%						<b>\$253.48</b>					<b>\$49.02</b>	<b>\$302.50</b>	<b>\$300.00</b>

2

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/ Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/ Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2021	31b	Vacant Premise - Move In with Reconnect of Electrical Service at Pole	Direct Labour - Clerical	\$82.92	0.29		\$24.05	\$13.37	\$37.42	Large Vehicle Time	\$57.00	0.86	\$49.02				
			Direct Labour - Field Staff (RLM)	\$82.28	1.72		\$141.52	\$78.69	\$220.21								
			Payroll Burden	55.60%					<b>\$257.62</b>						<b>\$49.02</b>	<b>\$306.64</b>	<b>\$300.00</b>
2022	31b	Vacant Premise - Move In with Reconnect of Electrical Service at Pole	Direct Labour - Clerical	\$84.20	0.29		\$24.42	\$13.58	\$37.99	Large Vehicle Time	\$57.00	0.86	\$49.02				
			Direct Labour - Field Staff (RLM)	\$83.56	1.72		\$143.72	\$79.91	\$223.63								
			Payroll Burden	55.60%					<b>\$261.63</b>						<b>\$49.02</b>	<b>\$310.65</b>	<b>\$300.00</b>

1       **1.1.3 RECONNECT COMPLETED AFTER HOURS (CUSTOMER/CONTRACT**  
2               **DRIVEN) – AT METER OR AT POLE (RATE CODE 32 & 33)**

3  
4 All customers are responsible for maintaining their own equipment; therefore, Hydro One  
5 provides one yearly (calendar year January to December) Service Disconnection and Re-  
6 Connection (isolation and restoration) during regular business hours for customer  
7 maintenance purposes. There is a charge for a reconnection at the meter or pole performed  
8 after hours when the service is not ready to reconnect during regular hours due to the  
9 customer or contractor. The charge is only the difference between the charge for the service  
10 performed during regular hours and the charge for the service performed after regular hours.

**Table 3: Reconnect Completed After Hours (Customer/Contract Driven) – At Meter**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2018	32	Reconnect Completed After Hours (Customer/Contract Driven) - At Meter	Direct Labour - Clerical	\$80.08	0.58		\$46.45	\$24.90	\$71.34	Small Vehicle Time	\$10.00	1.83	\$18.30				
			Direct Labour - Field Staff (RLM)	\$79.43	1.83	1.20	\$174.43	\$93.50	\$267.93	Credit (Rate Code 18&19)				-\$117.56			
			Payroll Burden	53.60%						<b>\$339.27</b>						<b>-\$99.26</b>	<b>\$240.01</b>
2019	32	Reconnect Completed After Hours (Customer/Contract Driven) - At Meter	Direct Labour - Clerical	\$81.00	0.58		\$46.98	\$25.51	\$72.49	Small Vehicle Time	\$10.00	1.83	\$18.30				
			Direct Labour - Field Staff (RLM)	\$80.35	1.83	1.20	\$176.45	\$95.81	\$272.26	Credit (Rate Code 18&19)				-\$119.02			
			Payroll Burden	54.30%						<b>\$344.75</b>						<b>-\$100.72</b>	<b>\$244.03</b>
2020	32	Reconnect Completed After Hours (Customer/Contract Driven) - At Meter	Direct Labour - Clerical	\$81.96	0.58		\$47.54	\$26.10	\$73.63	Small Vehicle Time	\$10.00	1.83	\$18.30				
			Direct Labour - Field Staff (RLM)	\$81.32	1.83	1.20	\$178.58	\$98.04	\$276.62	Credit (Rate Code 18&19)				-\$120.48			
			Payroll Burden	54.90%						<b>\$350.25</b>						<b>-\$102.18</b>	<b>\$248.08</b>
2021	32	Reconnect Completed After Hours (Customer/Contract Driven) - At Meter	Direct Labour - Clerical	\$82.92	0.58		\$48.09	\$26.74	\$74.83	Small Vehicle Time	\$10.00	1.83	\$18.30				
			Direct Labour - Field Staff (RLM)	\$82.28	1.83	1.20	\$180.69	\$100.46	\$281.15	Credit (Rate Code 18&19)				-\$122.02			
			Payroll Burden	55.60%						<b>\$355.98</b>						<b>-\$103.72</b>	<b>\$252.26</b>
2022	32	Reconnect Completed After Hours (Customer/Contract Driven) - At Meter	Direct Labour - Clerical	\$84.20	0.58		\$48.84	\$27.15	\$75.99	Small Vehicle Time	\$10.00	1.83	\$18.30				
			Direct Labour - Field Staff (RLM)	\$83.56	1.83	1.20	\$183.50	\$102.02	\$285.52	Credit (Rate Code 18&19)				-\$123.49			
			Payroll Burden	55.60%						<b>\$361.51</b>						<b>-\$105.19</b>	<b>\$256.32</b>

1

**Table 4: Reconnect Completed After Hours (Customer/Contract Driven) – At Pole**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2018	33	Reconnect Completed After Hours (Customer/Contract Driven) - At Pole	Direct Labour - Clerical	\$80.08	0.58		\$46.45	\$24.90	\$71.34	Large Vehicle Time	\$57.00	2.02	\$115.14				
			Direct Labour - Field Staff (RLM)	\$79.43	4.04	1.20	\$385.08	\$206.40	\$591.49	Credit (Rate Code 22)				-\$311.76			
			Payroll Burden	53.60%					<b>\$662.83</b>							<b>-\$196.62</b>	<b>\$466.21</b>
2019	33	Reconnect Completed After Hours (Customer/Contract Driven) - At Pole	Direct Labour - Clerical	\$81.00	0.58		\$46.98	\$25.51	\$72.49	Large Vehicle Time	\$57.00	2.02	\$115.14				
			Direct Labour - Field Staff (RLM)	\$80.35	4.04	1.20	\$389.54	\$211.52	\$601.06	Credit (Rate Code 22)				-\$316.01			
			Payroll Burden	54.30%					<b>\$673.55</b>							<b>-\$200.87</b>	<b>\$472.68</b>
2020	33	Reconnect Completed After Hours (Customer/Contract Driven) - At Pole	Direct Labour - Clerical	\$81.96	0.58		\$47.54	\$26.10	\$73.63	Large Vehicle Time	\$57.00	2.02	\$115.14				
			Direct Labour - Field Staff (RLM)	\$81.32	4.04	1.20	\$394.24	\$216.44	\$610.68	Credit (Rate Code 22)				-\$320.27			
			Payroll Burden	54.90%					<b>\$684.31</b>							<b>-\$205.13</b>	<b>\$479.18</b>
2021	33	Reconnect Completed After Hours (Customer/Contract Driven) - At Pole	Direct Labour - Clerical	\$82.92	0.58		\$48.09	\$26.74	\$74.83	Large Vehicle Time	\$57.00	2.02	\$115.14				
			Direct Labour - Field Staff (RLM)	\$82.28	4.04	1.20	\$398.89	\$221.78	\$620.68	Credit (Rate Code 22)				-\$324.71			
			Payroll Burden	55.60%					<b>\$695.51</b>							<b>-\$209.57</b>	<b>\$485.94</b>
2022	33	Reconnect Completed After Hours (Customer/Contract Driven) - At Pole	Direct Labour - Clerical	\$84.20	0.58		\$48.84	\$27.15	\$75.99	Large Vehicle Time	\$57.00	2.02	\$115.14				
			Direct Labour - Field Staff (RLM)	\$83.56	4.04	1.20	\$405.10	\$225.23	\$630.33	Credit (Rate Code 22)				-\$328.99			
			Payroll Burden	55.60%					<b>\$706.32</b>							<b>-\$213.85</b>	<b>\$492.47</b>

1       **1.1.4    ADDITIONAL SERVICE LAYOUT FEE – BASIC/COMPLEX – MORE**  
2                   **THAN ONE HOUR (RATE CODE 34 & 35)**

3

4    When a customer determines that their distribution service requirement has changed from  
5    what was originally submitted and planned, Hydro One will determine the work required  
6    to modify the existing service layout to meet the customer's new needs. If work is  
7    required in excess of one hour, the fee in Table 5 below will be charged. In previous  
8    definitions, a basic service layout has involved a new single-phase service, while a  
9    complex additional service layout was for a three-phase service. The Study demonstrated  
10   that there was not a substantial difference between the work required to make changes to  
11   a three-phase service compared to a single-phase service. Hydro One is therefore  
12   proposing to charge the same rate, regardless of whether the changes required to the  
13   layout are basic or complex.

1 **Table 5: Additional Service Layout Fee – Basic/Complex – More Than One Hour**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2018	34&35	Additional Service Layout Fee - Basic/Complex (more than one hour)	Direct Labour - Clerical	\$80.08	0.64		\$51.25	\$27.47	\$78.72	Small Vehicle Time	\$10.00	1.73	\$11.73				
			Direct Labour - ADET	\$84.64	3.62		\$306.40	\$164.23	\$470.63								
			Payroll Burden	53.60%					<b>\$549.35</b>						<b>\$11.73</b>	<b>\$561.08</b>	<b>\$561.08</b>
2019	34&35	Additional Service Layout Fee - Basic/Complex (more than one hour)	Direct Labour - Clerical	\$81.00	0.64		\$51.84	\$28.15	\$79.99	Small Vehicle Time	\$10.00	1.73	\$11.73				
			Direct Labour - ADET	\$85.54	3.62		\$309.65	\$168.14	\$477.79								
			Payroll Burden	54.30%					<b>\$557.78</b>						<b>\$11.73</b>	<b>\$569.51</b>	<b>\$569.51</b>
2020	34&35	Additional Service Layout Fee - Basic/Complex (more than one hour)	Direct Labour - Clerical	\$81.96	0.64		\$52.45	\$28.80	\$81.25	Small Vehicle Time	\$10.00	1.73	\$11.73				
			Direct Labour - ADET	\$86.48	3.62		\$313.06	\$171.87	\$484.93								
			Payroll Burden	54.90%					<b>\$566.18</b>						<b>\$11.73</b>	<b>\$577.91</b>	<b>\$577.91</b>
2021	34&35	Additional Service Layout Fee - Basic/Complex (more than one hour)	Direct Labour - Clerical	\$82.92	0.64		\$53.07	\$29.51	\$82.58	Small Vehicle Time	\$10.00	1.73	\$11.73				
			Direct Labour - ADET	\$87.42	3.62		\$316.46	\$175.95	\$492.41								
			Payroll Burden	55.60%					<b>\$574.99</b>						<b>\$11.73</b>	<b>\$586.72</b>	<b>\$586.72</b>
2022	34&35	Additional Service Layout Fee - Basic/Complex (more than one hour)	Direct Labour - Clerical	\$84.20	0.64		\$53.89	\$29.96	\$83.85	Small Vehicle Time	\$10.00	1.73	\$11.73				
			Direct Labour - ADET	\$88.70	3.62		\$321.09	\$178.53	\$499.62								
			Payroll Burden	55.60%					<b>\$583.47</b>						<b>\$11.73</b>	<b>\$595.20</b>	<b>\$595.20</b>



**Table 6: Pipeline Crossings**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/ Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/ Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2018	36	Pipeline Crossings	Direct Labour - Clerical	\$80.08	1.00		\$80.08	\$42.92	\$123.00	Small Vehicle Time	\$10.00	16.00	\$160.00				
			Direct Labour - ADET	\$84.64	16.00		\$1,354.24	\$725.87	\$2,080.11								
			Payroll Burden	53.60%					<b>\$2,203.12</b>						<b>\$160.00</b>	<b>\$2,363.12</b>	<b>\$2,363.12</b>
2019	36	Pipeline Crossings	Direct Labour - Clerical	\$81.00	1.00		\$81.00	\$43.98	\$124.98	Small Vehicle Time	\$10.00	16.00	\$160.00				
			Direct Labour - ADET	\$85.54	16.00		\$1,368.61	\$743.16	\$2,111.77								
			Payroll Burden	54.30%					<b>\$2,236.75</b>						<b>\$160.00</b>	<b>\$2,396.75</b>	<b>\$2,396.75</b>
2020	36	Pipeline Crossings	Direct Labour - Clerical	\$81.96	1.00		\$81.96	\$45.00	\$126.96	Small Vehicle Time	\$10.00	16.00	\$160.00				
			Direct Labour - ADET	\$86.48	16.00		\$1,383.68	\$759.64	\$2,143.32								
			Payroll Burden	54.90%					<b>\$2,270.28</b>						<b>\$160.00</b>	<b>\$2,430.28</b>	<b>\$2,430.28</b>
2021	36	Pipeline Crossings	Direct Labour - Clerical	\$82.92	1.00		\$82.92	\$46.10	\$129.02	Small Vehicle Time	\$10.00	16.00	\$160.00				
			Direct Labour - ADET	\$87.42	16.00		\$1,398.72	\$777.69	\$2,176.41								
			Payroll Burden	55.60%					<b>\$2,305.43</b>						<b>\$160.00</b>	<b>\$2,465.43</b>	<b>\$2,465.43</b>
2022	36	Pipeline Crossings	Direct Labour - Clerical	\$84.20	1.00		\$84.20	\$46.82	\$131.02	Small Vehicle Time	\$10.00	16.00	\$160.00				
			Direct Labour - ADET	\$88.70	16.00		\$1,419.20	\$789.08	\$2,208.28								
			Payroll Burden	55.60%					<b>\$2,339.29</b>						<b>\$160.00</b>	<b>\$2,499.29</b>	<b>\$2,499.29</b>

1       **1.1.6    WATER CROSSINGS (RATE CODE 37)**

2

3    Water Crossing fees are only charged when approval is being requested to cross the Rideau  
4    Canal and Trent Severn Waterway. Under emergency conditions, work may proceed but due  
5    diligence is required to prevent damage to fish habitats resulting in fines. Under normal  
6    circumstances, Hydro One staff will perform a self-assessment for Transport Canada (“TC”) and  
7    the Department of Fisheries and Oceans (“DFO”). The results of the self-assessment will dictate  
8    further interactions between Hydro One, the DFO, and TC in regards to new applications, special  
9    permits and guidance to prevent damage to fish habitat. The results of the self-assessment will  
10   also outline any concerns with the proposed work and if any timing restrictions apply (e.g., fish  
11   spawning season).

1

**Table 7: Water Crossings**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge
2018	37	Water Crossings	Direct Labour - Clerical	\$80.08	1.55		\$124.12	\$66.53	\$190.65	Small Vehicle Time	\$10.00	22.75	\$227.50			
			Direct Labour - ADET	\$84.64	22.75		\$1,925.56	\$1,032.10	\$2,957.66	Utility Boat	\$25.00	5.87	\$146.75			
			Payroll Burden	53.60%					<b>\$3,148.31</b>						<b>\$374.25</b>	<b>\$3,522.56</b>
2019	37	Water Crossings	Direct Labour - Clerical	\$81.00	1.55		\$125.55	\$68.17	\$193.72	Small Vehicle Time	\$10.00	22.75	\$227.50			
			Direct Labour - ADET	\$85.54	22.75		\$1,946.00	\$1,056.68	\$3,002.67	Utility Boat	\$25.00	5.87	\$146.75			
			Payroll Burden	54.30%					<b>\$3,196.40</b>						<b>\$374.25</b>	<b>\$3,570.65</b>
2020	37	Water Crossings	Direct Labour - Clerical	\$81.96	1.55		\$127.04	\$69.74	\$196.78	Small Vehicle Time	\$10.00	22.75	\$227.50			
			Direct Labour - ADET	\$86.48	22.75		\$1,967.42	\$1,080.11	\$3,047.53	Utility Boat	\$25.00	5.87	\$146.75			
			Payroll Burden	54.90%					<b>\$3,244.32</b>						<b>\$374.25</b>	<b>\$3,618.57</b>
2021	37	Water Crossings	Direct Labour - Clerical	\$82.92	1.55		\$128.53	\$71.46	\$199.99	Small Vehicle Time	\$10.00	22.75	\$227.50			
			Direct Labour - ADET	\$87.42	22.75		\$1,988.81	\$1,105.78	\$3,094.58	Utility Boat	\$25.00	5.87	\$146.75			
			Payroll Burden	55.60%					<b>\$3,294.57</b>						<b>\$374.25</b>	<b>\$3,668.82</b>
2022	37	Water Crossings	Direct Labour - Clerical	\$84.20	1.55		\$130.51	\$72.56	\$203.07	Small Vehicle Time	\$10.00	22.75	\$227.50			
			Direct Labour - ADET	\$88.70	22.75		\$2,017.93	\$1,121.97	\$3,139.89	Utility Boat	\$25.00	5.87	\$146.75			
			Payroll Burden	55.60%					<b>\$3,342.96</b>						<b>\$374.25</b>	<b>\$3,717.21</b>

1       **1.1.7           RAILWAY CROSSINGS (RATE CODE 38)**

2

3       A new agreement is required from a railway authority before installing new wire across railway  
4       tracks or rights-of-way, or reconfiguring or modifying existing crossings of railway tracks or  
5       rights-of-way. Additional fees incurred from the railway authority application, the actual railway  
6       agreement, and flagging fees will be collected from the customer.

1

**Table 8: Railway Crossings**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2018	38	Railway Crossings (Plus Feed Through Charges from Railway Company)	Direct Labour - Clerical	\$80.08	1.55		\$124.12	\$66.53	\$190.65	Small Vehicle Time	\$10.00	15.77	\$157.70				
			Direct Labour - ADET	\$84.64	15.77		\$1,334.77	\$715.44	\$2,050.21								
			Direct Labour - MP2	\$105.47	4.00		\$421.88	\$226.13	\$648.01								
			Direct Labour - CADD (GR64)	\$89.20	12.00		\$1,070.40	\$573.73	\$1,644.13								
			Payroll Burden	53.60%						<b>\$4,533.01</b>						<b>\$157.70</b>	<b>\$4,690.71</b>
2019	38	Railway Crossings (Plus Feed Through Charges from Railway Company)	Direct Labour - Clerical	\$81.00	1.55		\$125.55	\$68.17	\$193.72	Small Vehicle Time	\$10.00	15.77	\$157.70				
			Direct Labour - ADET	\$85.54	15.77		\$1,348.94	\$732.47	\$2,081.41								
			Direct Labour - MP2	\$106.92	4.00		\$427.68	\$232.23	\$659.91								
			Direct Labour - CADD (GR64)	\$90.07	12.00		\$1,080.84	\$586.90	\$1,667.74								
			Payroll Burden	54.30%						<b>\$4,602.78</b>						<b>\$157.70</b>	<b>\$4,760.48</b>
2020	38	Railway Crossings (Plus Feed Through Charges from Railway Company)	Direct Labour - Clerical	\$81.96	1.55		\$127.04	\$69.74	\$196.78	Small Vehicle Time	\$10.00	15.77	\$157.70				
			Direct Labour - ADET	\$86.48	15.77		\$1,363.79	\$748.72	\$2,112.51								
			Direct Labour - MP2	\$108.43	4.00		\$433.72	\$238.11	\$671.83								
			Direct Labour - CADD (GR64)	\$91.00	12.00		\$1,092.00	\$599.51	\$1,691.51								
			Payroll Burden	54.90%						<b>\$4,672.63</b>						<b>\$157.70</b>	<b>\$4,830.33</b>

2

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2021	38	Railway Crossings (Plus Feed Through Charges from Railway Company)	Direct Labour - Clerical	\$82.92	1.55		\$128.53	\$71.46	\$199.99	Small Vehicle Time	\$10.00	15.77	\$157.70				
			Direct Labour - ADET	\$87.42	15.77		\$1,378.61	\$766.51	\$2,145.12								
			Direct Labour - MP2	\$109.27	4.00		\$437.08	\$243.02	\$680.10								
			Direct Labour - CADD (GR64)	\$91.92	12.00		\$1,103.04	\$613.29	\$1,716.33								
			Payroll Burden	55.60%						<b>\$4,741.54</b>						<b>\$157.70</b>	<b>\$4,899.24</b>
2022	38	Railway Crossings (Plus Feed Through Charges from Railway Company)	Direct Labour - Clerical	\$84.20	1.55		\$130.51	\$72.56	\$203.07	Small Vehicle Time	\$10.00	15.77	\$157.70				
			Direct Labour - ADET	\$88.70	15.77		\$1,398.80	\$777.73	\$2,176.53								
			Direct Labour - MP2	\$110.56	4.00		\$442.24	\$245.89	\$688.13								
			Direct Labour - CADD (GR64)	\$93.20	12.00		\$1,118.40	\$621.83	\$1,740.23								
			Payroll Burden	55.60%						<b>\$4,807.96</b>						<b>\$157.70</b>	<b>\$4,965.66</b>

1       **1.1.8    LINE STAKING PER METER (RATE CODE 39A, B, C)**

2

3       For Hydro One to bring electrical service to a customer’s property, an expansion from the  
4       existing distribution line to the customer’s property may have to be designed and built.  
5       Hydro One will perform the staking of the line route according to the type of line to be built:  
6       overhead, underground or submarine cable. Based on the 2006 Rate Handbook, all line  
7       staking was charged at a common fee. The results of the Time Study have identified that  
8       the underlying cost varies by the the type of line needing to be built. Hydro One therefore  
9       proposes that the line staking per meter service be divided into three categories: overhead  
10      line, underground line and submarine cable.

1

**Table 9: Overhead Line Staking Per Meter**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge
2018	39a	Overhead Line Staking per Meter	Direct Labour - Clerical	\$80.08	0.0010		\$0.08	\$0.04	\$0.12	Small Vehicle Time	\$10.00	0.0108	\$0.11			
			Direct Labour - ADET	\$84.64	0.0301		\$2.55	\$1.37	\$3.91	Material - Stake	\$0.03	1.0000	\$0.03			
			Payroll Burden	53.60%					<b>\$4.04</b>						<b>\$0.14</b>	<b>\$4.17</b>
2019	39a	Overhead Line Staking per Meter	Direct Labour - Clerical	\$81.00	0.0010		\$0.08	\$0.04	\$0.12	Small Vehicle Time	\$10.00	0.0108	\$0.11			
			Direct Labour - ADET	\$85.54	0.0301		\$2.57	\$1.40	\$3.97	Material - Stake	\$0.03	1.0000	\$0.03			
			Payroll Burden	54.30%					<b>\$4.10</b>						<b>\$0.14</b>	<b>\$4.24</b>
2020	39a	Overhead Line Staking per Meter	Direct Labour - Clerical	\$81.96	0.0010		\$0.08	\$0.04	\$0.13	Small Vehicle Time	\$10.00	0.0108	\$0.11			
			Direct Labour - ADET	\$86.48	0.0301		\$2.60	\$1.43	\$4.03	Material - Stake	\$0.03	1.0000	\$0.03			
			Payroll Burden	54.90%					<b>\$4.16</b>						<b>\$0.14</b>	<b>\$4.30</b>
2021	39a	Overhead Line Staking per Meter	Direct Labour - Clerical	\$82.92	0.0010		\$0.08	\$0.05	\$0.13	Small Vehicle Time	\$10.00	0.0108	\$0.11			
			Direct Labour - ADET	\$87.42	0.0301		\$2.63	\$1.46	\$4.09	Material - Stake	\$0.03	1.0000	\$0.03			
			Payroll Burden	55.60%					<b>\$4.22</b>						<b>\$0.14</b>	<b>\$4.36</b>
2022	39a	Overhead Line Staking per Meter	Direct Labour - Clerical	\$84.20	0.0010		\$0.08	\$0.05	\$0.13	Small Vehicle Time	\$10.00	0.0108	\$0.11			
			Direct Labour - ADET	\$88.70	0.0301		\$2.67	\$1.48	\$4.15	Material - Stake	\$0.03	1.0000	\$0.03			
			Payroll Burden	55.60%					<b>\$4.29</b>						<b>\$0.14</b>	<b>\$4.42</b>

2

1

**Table 10: Underground Line Staking Per Meter**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2018	39b	Underground Line Staking per Meter	Direct Labour - Clerical	\$80.08	0.0012		\$0.10	\$0.05	\$0.15	Small Vehicle Time	\$10.00	0.0100	\$0.10				
			Direct Labour - ADET	\$84.64	0.0212		\$1.79	\$0.96	\$2.76								
			Payroll Burden	53.60%					<b>\$2.90</b>						<b>\$0.10</b>	<b>\$3.00</b>	<b>\$3.00</b>
2019	39b	Underground Line Staking per Meter	Direct Labour - Clerical	\$81.00	0.0012		\$0.10	\$0.05	\$0.15	Small Vehicle Time	\$10.00	0.0100	\$0.10				
			Direct Labour - ADET	\$85.54	0.0212		\$1.81	\$0.98	\$2.80								
			Payroll Burden	54.30%					<b>\$2.95</b>						<b>\$0.10</b>	<b>\$3.05</b>	<b>\$3.05</b>
2020	39b	Underground Line Staking per Meter	Direct Labour - Clerical	\$81.96	0.0012		\$0.10	\$0.05	\$0.15	Small Vehicle Time	\$10.00	0.0100	\$0.10				
			Direct Labour - ADET	\$86.48	0.0212		\$1.83	\$1.01	\$2.84								
			Payroll Burden	54.90%					<b>\$2.99</b>						<b>\$0.10</b>	<b>\$3.09</b>	<b>\$3.09</b>
2021	39b	Underground Line Staking per Meter	Direct Labour - Clerical	\$82.92	0.0012		\$0.10	\$0.06	\$0.15	Small Vehicle Time	\$10.00	0.0100	\$0.10				
			Direct Labour - ADET	\$87.42	0.0212		\$1.85	\$1.03	\$2.88								
			Payroll Burden	55.60%					<b>\$3.04</b>						<b>\$0.10</b>	<b>\$3.14</b>	<b>\$3.14</b>
2022	39b	Underground Line Staking per Meter	Direct Labour - Clerical	\$84.20	0.0012		\$0.10	\$0.06	\$0.16	Small Vehicle Time	\$10.00	0.0100	\$0.10				
			Direct Labour - ADET	\$88.70	0.0212		\$1.88	\$1.05	\$2.93								
			Payroll Burden	55.60%					<b>\$3.08</b>						<b>\$0.10</b>	<b>\$3.18</b>	<b>\$3.18</b>

2

1 **Table 11: Submarine Cable Line Staking Per Meter**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2018	39c	Submarine Cable Line Staking per Meter	Direct Labour - Clerical	\$80.08	0.0007		\$0.06	\$0.03	\$0.09	Small Vehicle Time	\$10.00	0.0042	\$0.04				
			Direct Labour - ADET	\$84.64	0.0192		\$1.63	\$0.87	\$2.50								
			Payroll Burden	53.60%					<b>\$2.58</b>						<b>\$0.04</b>	<b>\$2.62</b>	<b>\$2.62</b>
2019	39c	Submarine Cable Line Staking per Meter	Direct Labour - Clerical	\$81.00	0.0007		\$0.06	\$0.03	\$0.09	Small Vehicle Time	\$10.00	0.0042	\$0.04				
			Direct Labour - ADET	\$85.54	0.0192		\$1.64	\$0.89	\$2.53								
			Payroll Burden	54.30%					<b>\$2.62</b>						<b>\$0.04</b>	<b>\$2.66</b>	<b>\$2.66</b>
2020	39c	Submarine Cable Line Staking per Meter	Direct Labour - Clerical	\$81.96	0.0007		\$0.06	\$0.03	\$0.09	Small Vehicle Time	\$10.00	0.0042	\$0.04				
			Direct Labour - ADET	\$86.48	0.0192		\$1.66	\$0.91	\$2.57								
			Payroll Burden	54.90%					<b>\$2.66</b>						<b>\$0.04</b>	<b>\$2.70</b>	<b>\$2.70</b>
2021	39c	Submarine Cable Line Staking per Meter	Direct Labour - Clerical	\$82.92	0.0007		\$0.06	\$0.03	\$0.09	Small Vehicle Time	\$10.00	0.0042	\$0.04				
			Direct Labour - ADET	\$87.42	0.0192		\$1.68	\$0.93	\$2.61								
			Payroll Burden	55.60%					<b>\$2.70</b>						<b>\$0.04</b>	<b>\$2.74</b>	<b>\$2.74</b>
2022	39c	Submarine Cable Line Staking per Meter	Direct Labour - Clerical	\$84.20	0.0007		\$0.06	\$0.03	\$0.09	Small Vehicle Time	\$10.00	0.0042	\$0.04				
			Direct Labour - ADET	\$88.70	0.0192		\$1.70	\$0.95	\$2.65								
			Payroll Burden	55.60%					<b>\$2.74</b>						<b>\$0.04</b>	<b>\$2.78</b>	<b>\$2.78</b>

1       **1.1.9    CENTRAL METERING**

2  
3       Customers may opt for central metering (“CM”) to avoid having to pay for a large and expensive  
4       service located in one building to supply several separate buildings on one property, or to reduce  
5       having a meter on each building. If the customer requests, Hydro One Networks will install a  
6       CM service on a customer-owned pole. A maximum of four service connections can be  
7       connected at the CM location. If this is for a new service, where the load is greater than or equal  
8       to 45 kW, the CM service will be installed free of charge.

9  
10               **1.1.9.1    CENTRAL METERING – NEW SERVICE < 45 KW (RATE CODE**  
11                               **40)**

12  
13       When the load supplied by the central metering service is less than 45 kW, the load does not  
14       justify the higher metering costs resulting from the use of instrument transformers, therefore the  
15       customer must pay to cover the instrument transformer costs.

1

**Table 12: Central Metering – New Service < 45 kW**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge
2018	40	Central Metering - New Service < 45 kW							\$0.00	Material	\$100.00	1.00	\$100.00	\$100.00	\$100.00	\$100.00
2019	40	Central Metering - New Service < 45 kW							\$0.00	Material	\$100.00	1.00	\$100.00	\$100.00	\$100.00	\$100.00
2020	40	Central Metering - New Service < 45 kW							\$0.00	Material	\$100.00	1.00	\$100.00	\$100.00	\$100.00	\$100.00
Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total ther	Calculated Total Charge	Proposed Charge
2021	40	Central Metering - New Service < 45 kW							\$0.00	Material	\$100.00	1.00	\$100.00	\$100.00	\$100.00	\$100.00
2022	40	Central Metering - New Service < 45 kW							\$0.00	Material	\$100.00	1.00	\$100.00	\$100.00	\$100.00	\$100.00

1                   **1.1.9.2           CONVERSION TO CENTRAL METERING < 45 KW (RATE**  
2                   **CODE 41)**

3  
4   Customers who request a conversion from conventional metering to CM require a new service  
5   layout, a change in their account, the removal of existing meters and equipment and installation  
6   of new equipment. This involves site visits for the layout, equipment modifications and  
7   administrative work. If the installation is to supply a load of less than 45 kW, the customer is  
8   charged for the associated labour plus the incremental cost of the instrument transformers.

1

**Table 13: Conversion to Central Metering < 45 kW**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge
2018	41	Conversion to Central Metering < 45 kW	Direct Labour - Clerical	\$80.08	0.26		\$20.82	\$11.16	\$31.98	Small Vehicle Time	\$10.00	3.50	\$35.00			
			Direct Labour - Field Staff (RLM)	\$79.43	6.06		\$481.35	\$258.01	\$739.36	Large Vehicle Time	\$57.00	3.03	\$172.71			
			Direct Labour - Field Staff (ADET)	\$84.64	3.50		\$296.24	\$158.78	\$455.02	Material	\$100.00	1.00	\$100.00			
			Payroll Burden	53.60%					<b>\$1,226.36</b>						<b>\$307.71</b>	<b>\$1,534.07</b>
2019	41	Conversion to Central Metering < 45 kW	Direct Labour - Clerical	\$81.00	0.26		\$21.06	\$11.44	\$32.50	Small Vehicle Time	\$10.00	3.50	\$35.00			
			Direct Labour - Field Staff (RLM)	\$80.35	6.06		\$486.92	\$264.40	\$751.32	Large Vehicle Time	\$57.00	3.03	\$172.71			
			Direct Labour - Field Staff (ADET)	\$85.54	3.50		\$299.38	\$162.57	\$461.95	Material	\$100.00	1.00	\$100.00			
			Payroll Burden	54.30%					<b>\$1,245.76</b>						<b>\$307.71</b>	<b>\$1,553.47</b>
2020	41	Conversion to Central Metering < 45 kW	Direct Labour - Clerical	\$81.96	0.26		\$21.31	\$11.70	\$33.01	Small Vehicle Time	\$10.00	3.50	\$35.00			
			Direct Labour - Field Staff (RLM)	\$81.32	6.06		\$492.80	\$270.55	\$763.35	Large Vehicle Time	\$57.00	3.03	\$172.71			
			Direct Labour - Field Staff (ADET)	\$86.48	3.50		\$302.68	\$166.17	\$468.85	Material	\$100.00	1.00	\$100.00			
			Payroll Burden	54.90%					<b>\$1,265.21</b>						<b>\$307.71</b>	<b>\$1,572.92</b>
2021	41	Conversion to Central Metering < 45	Direct Labour - Clerical	\$82.92	0.26		\$21.56	\$11.99	\$33.55	Small Vehicle Time	\$10.00	3.50	\$35.00			

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
		kW	Direct Labour - Field Staff (RLM)	\$82.28	6.06		\$498.62	\$277.23	\$775.85	Large Vehicle Time	\$57.00	3.03	\$172.71				
			Direct Labour - Field Staff (ADET)	\$87.42	3.50		\$305.97	\$170.12	\$476.09	Material	\$100.00	1.00	\$100.00				
			Payroll Burden	55.60%						\$1,285.48					\$307.71	\$1,593.19	\$1,593.19
2022	41	Conversion to Central Metering < 45 kW	Direct Labour - Clerical	\$84.20	0.26		\$21.89	\$12.17	\$34.06	Small Vehicle Time	\$10.00	3.50	\$35.00				
			Direct Labour - Field Staff (RLM)	\$83.56	6.06		\$506.37	\$281.54	\$787.92	Large Vehicle Time	\$57.00	3.03	\$172.71				
			Direct Labour - Field Staff (ADET)	\$88.70	3.50		\$310.45	\$172.61	\$483.06	Material	\$100.00	1.00	\$100.00				
			Payroll Burden	55.60%						\$1,305.04					\$307.71	\$1,612.75	\$1,612.75

1                   **1.1.9.3           CONVERSION TO CENTRAL METERING >= 45**  
2                   **KW (RATE CODE 42)**

3  
4           Customers who request a conversion from conventional metering to central  
5           metering require a new service layout, a change in their account, the removal of  
6           existing meters and equipment, and installation of new equipment. This involves  
7           site visits for the layout, equipment modifications, and administrative work.  
8           Loads greater than or equal to 45 kW justify the costs for the required instrument  
9           transformer. Therefore, only the labour costs associated with performing this  
10          service are charged to the customer.

1

**Table 14: Conversion to Central Metering > 45 kW**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge
2018	42	Conversion to Central Metering >= 45 kW	Direct Labour - Clerical	\$80.08	0.26		\$20.82	\$11.16	\$31.98	Small Vehicle Time	\$10.00	3.50	\$35.00			
			Direct Labour - Field Staff (RLM)	\$79.43	6.06		\$481.35	\$258.01	\$739.36	Large Vehicle Time	\$57.00	3.03	\$172.71			
			Direct Labour - Field Staff (ADET)	\$84.64	3.50		\$296.24	\$158.78	\$455.02							
			Payroll Burden	53.60%			\$427.95		<b>\$1,226.36</b>						<b>\$207.71</b>	<b>\$1,434.07</b>
2019	42	Conversion to Central Metering >= 45 kW	Direct Labour - Clerical	\$81.00	0.26		\$21.06	\$11.44	\$32.50	Small Vehicle Time	\$10.00	3.50	\$35.00			
			Direct Labour - Field Staff (RLM)	\$80.35	6.06		\$486.92	\$264.40	\$751.32	Large Vehicle Time	\$57.00	3.03	\$172.71			
			Direct Labour - Field Staff (ADET)	\$85.54	3.50		\$299.38	\$162.57	\$461.95							
			Payroll Burden	54.30%			\$438.40		<b>\$1,245.76</b>						<b>\$207.71</b>	<b>\$1,453.47</b>
2020	42	Conversion to Central Metering >= 45 kW	Direct Labour - Clerical	\$81.96	0.26		\$21.31	\$11.70	\$33.01	Small Vehicle Time	\$10.00	3.50	\$35.00			
			Direct Labour - Field Staff (RLM)	\$81.32	6.06		\$492.80	\$270.55	\$763.35	Large Vehicle Time	\$57.00	3.03	\$172.71			
			Direct Labour - Field Staff (ADET)	\$86.48	3.50		\$302.68	\$166.17	\$468.85							
			Payroll Burden	54.90%			\$448.42		<b>\$1,265.21</b>						<b>\$207.71</b>	<b>\$1,472.92</b>
2021	42	Conversion to Central	Direct Labour - Clerical	\$82.92	0.26		\$21.56	\$11.99	\$33.55	Small Vehicle	\$10.00	3.50	\$35.00			

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
		Metering >= 45 kW								Time							
			Direct Labour - Field Staff (RLM)	\$82.28	6.06		\$498.62	\$277.23	\$775.85	Large Vehicle Time	\$57.00	3.03	\$172.71				
			Direct Labour - Field Staff (ADET)	\$87.42	3.50		\$305.97	\$170.12	\$476.09								
			Payroll Burden	55.60%			\$459.34		<b>\$1,285.48</b>						<b>\$207.71</b>	<b>\$1,493.19</b>	<b>\$1,493.19</b>
2022	42	Conversion to Central Metering >= 45 kW	Direct Labour - Clerical	\$84.20	0.26		\$21.89	\$12.17	\$34.06	Small Vehicle Time	\$10.00	3.50	\$35.00				
			Direct Labour - Field Staff (RLM)	\$83.56	6.06		\$506.37	\$281.54	\$787.92	Large Vehicle Time	\$57.00	3.03	\$172.71				
			Direct Labour - Field Staff (ADET)	\$88.70	3.50		\$310.45	\$172.61	\$483.06								
			Payroll Burden	55.60%			\$466.33		<b>\$1,305.04</b>						<b>\$207.71</b>	<b>\$1,512.75</b>	<b>\$1,512.75</b>

1                   **1.1.10 CONNECTION IMPACT ASSESSMENTS**

2  
3 Renewable generation development and the subsequent connection process involve a number of  
4 stages, including technical assessments. Hydro One assesses the technical impact of the  
5 renewable generation connection to its distribution system through a Connection Impact  
6 Assessment (“CIA”). A CIA is a more detailed assessment of a project's impact on the  
7 distribution system. The results include a technical report outlining project feasibility, technical  
8 specifications needed for the project and the impact the project would have on the distribution  
9 grid and any of its customers, in accordance with Section 6.2.14 of the DSC.

10  
11                   **1.1.10.1 CONNECTION IMPACT ASSESSMENTS – NET**  
12                   **METERING (RATE CODE 45A)**

13  
14 A net metering generator, as defined in section 7(1) of the Net Metering Regulation (O. Reg. 541  
15 / 05), generates electricity primarily for its own use from a renewable generation facility. Net  
16 metering involves the measurement of the quantity of electricity a generator uses against the  
17 quantity of electricity it generates resulting in a net total. Net metering projects include those  
18 which have a capacity greater than 10 kW but less than or equal to 500 kW that wish to connect  
19 to Hydro One’s distribution system.

1

**Table 15: Connection Impact Assessments – Net Metering**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2018	45a	Connection Impact Assessments - Net Metering	Direct Labour - Clerical	\$80.08	0.87		\$69.67	\$37.34	\$107.01	Small Vehicle Time	\$10.00	1.81	\$18.10				
			Direct Labour - MP4	\$117.84	2.83		\$333.49	\$178.75	\$512.24								
			Direct Labour - Technician (GR64)	\$89.20	14.25		\$1,271.10	\$681.31	\$1,952.41								
			Direct Labour - Field Staff (ADET)	\$84.64	4.08		\$345.33	\$185.10	\$530.43								
			Direct Labour - MP2	\$105.47	0.16		\$16.88	\$9.05	\$25.92								
			Payroll Burden	53.60%							<b>\$3,128.01</b>					<b>\$18.10</b>	<b>\$3,146.11</b>

2

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2019	45a	Connection Impact Assessments - Net Metering	Direct Labour - Clerical	\$81.00	0.87		\$70.47	\$38.27	\$108.74	Small Vehicle Time	\$10.00	1.81	\$18.10				
			Direct Labour - MP4	\$119.24	2.83		\$337.45	\$183.23	\$520.68								
			Direct Labour - Technician (GR64)	\$90.07	14.25		\$1,283.50	\$696.94	\$1,980.44								
			Direct Labour - Field Staff (ADET)	\$85.54	4.08		\$349.00	\$189.51	\$538.50								
			Direct Labour - MP2	\$106.92	0.16		\$17.11	\$9.29	\$26.40								
			Payroll Burden	54.30%							<b>\$3,174.75</b>					<b>\$18.10</b>	<b>\$3,192.85</b>

3

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge		
2020	45a	Connection Impact Assessments - Net Metering	Direct Labour - Clerical	\$81.96	0.87		\$71.31	\$39.15	\$110.45	Small Vehicle Time	\$10.00	1.81	\$18.10					
			Direct Labour - MP4	\$120.69	2.83		\$341.55	\$187.51	\$529.07									
			Direct Labour - Technician (GR64)	\$91.00	14.25		\$1,296.75	\$711.92	\$2,008.67									
			Direct Labour - Field Staff (ADET)	\$86.48	4.08		\$352.84	\$193.71	\$546.55									
			Direct Labour - MP2	\$108.43	0.16		\$17.35	\$9.52	\$26.87									
			Payroll Burden	54.90%						<b>\$3,221.60</b>						<b>\$18.10</b>	<b>\$3,239.70</b>	<b>\$3,239.70</b>
2021	45a	Connection Impact Assessments - Net Metering	Direct Labour - Clerical	\$82.92	0.87		\$72.14	\$40.11	\$112.25	Small Vehicle Time	\$10.00	1.81	\$18.10					
			Direct Labour - MP4	\$121.49	2.83		\$343.82	\$191.16	\$534.98									
			Direct Labour - Technician (GR64)	\$91.92	14.25		\$1,309.86	\$728.28	\$2,038.14									
			Direct Labour - Field Staff (ADET)	\$87.42	4.08		\$356.67	\$198.31	\$554.98									
			Direct Labour - MP2	\$109.27	0.16		\$17.48	\$9.72	\$27.20									
			Payroll Burden	55.60%						<b>\$3,267.56</b>						<b>\$18.10</b>	<b>\$3,285.66</b>	<b>\$3,285.66</b>
2022	45a	Connection Impact Assessments - Net Metering	Direct Labour - Clerical	\$84.20	0.87		\$73.25	\$40.73	\$113.98	Small Vehicle Time	\$10.00	1.81	\$18.10					
			Direct Labour - MP4	\$122.77	2.83		\$347.44	\$193.18	\$540.62									
			Direct Labour - Technician (GR64)	\$93.20	14.25		\$1,328.10	\$738.42	\$2,066.52									
			Direct Labour - Field Staff (ADET)	\$88.70	4.08		\$361.90	\$201.21	\$563.11									
			Direct Labour - MP2	\$110.56	0.16		\$17.69	\$9.84	\$27.53									
			Payroll Burden	55.60%						<b>\$3,311.76</b>						<b>\$18.10</b>	<b>\$3,329.86</b>	<b>\$3,329.86</b>

1                   **1.1.10.2           CONNECTION IMPACT ASSESSMENTS – EMBEDDED**  
2                   **LDC GENERATORS (RATE CODE 45B)**

3  
4   This category covers CIAs for Capacity Allocation Exempt (“CAE”) sized Distributed  
5   Generation (“DG”) projects, including load displacement and energy storage facilities, proposed  
6   for connection to the distribution system of an embedded LDC. This type of CIA is completed  
7   by Hydro One at the request of a downstream LDC for the connection of a CAE-sized project to  
8   a Hydro One shared feeder.

9  
10   As per the DSC, a “CAE small embedded generation facility” is an embedded generation facility  
11   that has a name-plate rated capacity of 250 kW or less in the case of a facility connected to a less  
12   than 15 kV line, or 500 kW or less in the case of a facility connected to a 15 kV or greater line,  
13   and is not a micro-embedded generation facility.

1

**Table 16: Connection Impact Assessments – Embedded LDC Generators**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2018	45b	Connections - Embedded LDC Generators	Direct Labour - Clerical	\$80.08	0.87		\$69.67	\$37.34	\$107.01	Small Vehicle Time	\$10.00	1.81	\$18.10				
			Direct Labour - MP4	\$117.84	1.25		\$147.30	\$78.95	\$226.25								
			Direct Labour - Technician (GR64)	\$89.20	1.58		\$140.94	\$75.54	\$216.48								
			Direct Labour - Field Staff (ADET)	\$84.64	4.08		\$345.33	\$185.10	\$530.43								
			Direct Labour - MP2	\$105.47	10.66		\$1,124.31	\$602.63	\$1,726.94								
			Payroll Burden	53.60%						<b>\$2,807.11</b>						<b>\$18.10</b>	<b>\$2,825.21</b>
2019	45b	Connections - Embedded LDC Generators	Direct Labour - Clerical	\$81.00	0.87		\$70.47	\$38.27	\$108.74	Small Vehicle Time	\$10.00	1.81	\$18.10				
			Direct Labour - MP4	\$119.24	1.25		\$149.05	\$80.93	\$229.98								
			Direct Labour - Technician (GR64)	\$90.07	1.58		\$142.31	\$77.27	\$219.59								
			Direct Labour - Field Staff (ADET)	\$85.54	4.08		\$349.00	\$189.51	\$538.50								
			Direct Labour - MP2	\$106.92	10.66		\$1,139.77	\$618.89	\$1,758.66								
			Payroll Burden	54.30%						<b>\$2,855.47</b>						<b>\$18.10</b>	<b>\$2,873.57</b>

2

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2020	45b	Connection Impact Assessments - Embedded LDC Generators	Direct Labour - Clerical	\$81.96	0.87		\$71.31	\$39.15	\$110.45	Small Vehicle Time	\$10.00	1.81	\$18.10				
			Direct Labour - MP4	\$120.69	1.25		\$150.86	\$82.82	\$233.69								
			Direct Labour - Technician (GR64)	\$91.00	1.58		\$143.78	\$78.94	\$222.72								
			Direct Labour - Field Staff (ADET)	\$86.48	4.08		\$352.84	\$193.71	\$546.55								
			Direct Labour - MP2	\$108.43	10.66		\$1,155.86	\$634.57	\$1,790.43								
			Payroll Burden	54.90%							<b>\$2,903.83</b>					<b>\$18.10</b>	<b>\$2,921.93</b>

1

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2021	45b	Connection Impact Assessments - Embedded LDC Generators	Direct Labour - Clerical	\$82.92	0.87		\$72.14	\$40.11	\$112.25	Small Vehicle Time	\$10.00	1.81	\$18.10				
			Direct Labour - MP4	\$121.49	1.25		\$151.86	\$84.44	\$236.30								
			Direct Labour - Technician (GR64)	\$91.92	1.58		\$145.23	\$80.75	\$225.98								
			Direct Labour - Field Staff (ADET)	\$87.42	4.08		\$356.67	\$198.31	\$554.98								
			Direct Labour - MP2	\$109.27	10.66		\$1,164.82	\$647.64	\$1,812.46								
			Payroll Burden	55.60%						<b>\$2,941.97</b>						<b>\$18.10</b>	<b>\$2,960.07</b>
2022	45b	Connection Impact Assessments - Embedded LDC Generators	Direct Labour - Clerical	\$84.20	0.87		\$73.25	\$40.73	\$113.98	Small Vehicle Time	\$10.00	1.81	\$18.10				
			Direct Labour - MP4	\$122.77	1.25		\$153.46	\$85.33	\$238.79								
			Direct Labour - Technician (GR64)	\$93.20	1.58		\$147.26	\$81.87	\$229.13								
			Direct Labour - Field Staff (ADET)	\$88.70	4.08		\$361.90	\$201.21	\$563.11								
			Direct Labour - MP2	\$110.56	10.66		\$1,178.57	\$655.28	\$1,833.85								
			Payroll Burden	55.60%						<b>\$2,978.87</b>						<b>\$18.10</b>	<b>\$2,996.97</b>

1                   **1.1.10.3           CONNECTION IMPACT ASSESSMENTS – SMALL**  
2                   **PROJECTS < =500 KW (RATE CODE 45C)**

3  
4   This category covers CIA completed for CAE-sized DG projects, including load  
5   displacement and energy storage facilities, proposed for connection to Hydro One  
6   distribution system. When no LDC is involved, this type of CIA is completed by Hydro  
7   One at the request of an applicant.

1 **Table 17: Connection Impact Assessments – Small Projects ≤500 kW**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2018	45c	Connection Impact Assessments - Small Projects ≤500 kW	Direct Labour - Clerical	\$80.08	0.87		\$69.67	\$37.34	\$107.01	Small Vehicle Time	\$10.00	1.81	\$18.10				
			Direct Labour - MP4	\$117.84	3.42		\$403.01	\$216.01	\$619.03								
			Direct Labour - Technician (GR64)	\$89.20	10.85		\$967.82	\$518.75	\$1,486.57								
			Direct Labour - Field Staff (ADET)	\$84.64	4.08		\$345.33	\$185.10	\$530.43								
			Direct Labour - MP2	\$105.47	2.81		\$296.37	\$158.85	\$455.23								
			Payroll Burden	53.60%				<b>\$3,198.27</b>						<b>\$18.10</b>	<b>\$3,216.37</b>	<b>\$3,216.37</b>	

2

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2019	45c	Connection Impact Assessments - Small Projects ≤500 kW	Direct Labour - Clerical	\$81.00	0.87		\$70.47	\$38.27	\$108.74	Small Vehicle Time	\$10.00	1.81	\$18.10				
			Direct Labour - MP4	\$119.24	3.42		\$407.80	\$221.44	\$629.24								
			Direct Labour - Technician (GR64)	\$90.07	10.85		\$977.26	\$530.65	\$1,507.91								
			Direct Labour - Field Staff (ADET)	\$85.54	4.08		\$349.00	\$189.51	\$538.50								
			Direct Labour - MP2	\$106.92	2.81		\$300.45	\$163.14	\$463.59								
			Payroll Burden	54.30%				<b>\$3,247.97</b>						<b>\$18.10</b>	<b>\$3,266.07</b>	<b>\$3,266.07</b>	

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge		
2020	45c	Connection Impact Assessments - Small Projects <=500 kW	Direct Labour - Clerical	\$81.96	0.87		\$71.31	\$39.15	\$110.45	Small Vehicle Time	\$10.00	1.81	\$18.10					
			Direct Labour - MP4	\$120.69	3.42		\$412.76	\$226.61	\$639.36									
			Direct Labour - Technician (GR64)	\$91.00	10.85		\$987.35	\$542.06	\$1,529.41									
			Direct Labour - Field Staff (ADET)	\$86.48	4.08		\$352.84	\$193.71	\$546.55									
			Direct Labour - MP2	\$108.43	2.81		\$304.69	\$167.27	\$471.96									
			Payroll Burden	54.90%						<b>\$3,297.73</b>						<b>\$18.10</b>	<b>\$3,315.83</b>	<b>\$3,315.83</b>
2021	45c	Connection Impact Assessments - Small Projects <=500 kW	Direct Labour - Clerical	\$82.92	0.87		\$72.14	\$40.11	\$112.25	Small Vehicle Time	\$10.00	1.81	\$18.10					
			Direct Labour - MP4	\$121.49	3.42		\$415.50	\$231.02	\$646.51									
			Direct Labour - Technician (GR64)	\$91.92	10.85		\$997.33	\$554.52	\$1,551.85									
			Direct Labour - Field Staff (ADET)	\$87.42	4.08		\$356.67	\$198.31	\$554.98									
			Direct Labour - MP2	\$109.27	2.81		\$307.05	\$170.72	\$477.77									
			Payroll Burden	55.60%						<b>\$3,343.36</b>						<b>\$18.10</b>	<b>\$3,361.46</b>	<b>\$3,361.46</b>

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge		
2022	45c	Connection Impact Assessments - Small Projects <=500 kW	Direct Labour - Clerical	\$84.20	0.87		\$73.25	\$40.73	\$113.98	Small Vehicle Time	\$10.00	1.81	\$18.10					
			Direct Labour - MP4	\$122.77	3.42		\$419.87	\$233.45	\$653.32									
			Direct Labour - Technician (GR64)	\$93.20	10.85		\$1,011.22	\$562.24	\$1,573.46									
			Direct Labour - Field Staff (ADET)	\$88.70	4.08		\$361.90	\$201.21	\$563.11									
			Direct Labour - MP2	\$110.56	2.81		\$310.67	\$172.73	\$483.41									
			Payroll Burden	55.60%							<b>\$3,387.28</b>					<b>\$18.10</b>	<b>\$3,405.38</b>	<b>\$3,405.38</b>

1                           **1.1.10.4            CONNECTION IMPACT ASSESSMENTS – SMALL**  
2   **PROJECTS <= 500 KW, SIMPLIFIED (RATE CODE 45D)**

3  
4    The following CAE-sized, three-phase projects are eligible for a simplified CIA based on  
5    size of the generator and its connecting voltage:

- 6            •    10 kW < DG project ≤ 30 kW if connecting to < 15 kV  
7            •    10 kW < DG project ≤ 100 kW if connecting to ≥ 15 kV

8  
9    The size of the three-phase project under each category is small enough that the impact  
10   on the system is not significant. Hence, the DG applicant receives a simplified CIA  
11   along with the class-C estimate. Single-phase projects are not eligible for the simplified  
12   CIA.

1

**Table 18: Connection Impact Assessments – Small Projects <500 kW, Simplified**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge		
2018	45d	Connection Impact Assessments - Small Projects <=500 kW, Simplified	Direct Labour - Clerical	\$80.08	0.87		\$69.67	\$37.34	\$107.01	Small Vehicle Time	\$10.00	1.81	\$18.10					
			Direct Labour - MP4	\$117.84	3.54		\$417.15	\$223.59	\$640.75									
			Direct Labour - Technician (GR64)	\$89.20	3.63		\$323.80	\$173.55	\$497.35									
			Direct Labour - Field Staff (ADET)	\$84.64	4.08		\$345.33	\$185.10	\$530.43									
			Direct Labour - MP2	\$105.47	0.91		\$95.98	\$51.44	\$147.42									
			Payroll Burden	53.60%						<b>\$1,922.96</b>						<b>\$18.10</b>	<b>\$1,941.06</b>	<b>\$1,941.06</b>
2019	45d	Connection Impact Assessments - Small Projects <=500 kW, Simplified	Direct Labour - Clerical	\$81.00	0.87		\$70.47	\$38.27	\$108.74	Small Vehicle Time	\$10.00	1.81	\$18.10					
			Direct Labour - MP4	\$119.24	3.54		\$422.11	\$229.21	\$651.32									
			Direct Labour - Technician (GR64)	\$90.07	3.63		\$326.95	\$177.54	\$504.49									
			Direct Labour - Field Staff (ADET)	\$85.54	4.08		\$349.00	\$189.51	\$538.50									
			Direct Labour - MP2	\$106.92	0.91		\$97.30	\$52.83	\$150.13									
			Payroll Burden	54.30%						<b>\$1,953.17</b>						<b>\$18.10</b>	<b>\$1,971.27</b>	<b>\$1,971.27</b>

2

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge		
2020	45d	Connection Impact Assessments - Small Projects <=500 kW, Simplified	Direct Labour - Clerical	\$81.96	0.87		\$71.31	\$39.15	\$110.45	Small Vehicle Time	\$10.00	1.81	\$18.10					
			Direct Labour - MP4	\$120.69	3.54		\$427.24	\$234.56	\$661.80									
			Direct Labour - Technician (GR64)	\$91.00	3.63		\$330.33	\$181.35	\$511.68									
			Direct Labour - Field Staff (ADET)	\$86.48	4.08		\$352.84	\$193.71	\$546.55									
			Direct Labour - MP2	\$108.43	0.91		\$98.67	\$54.17	\$152.84									
			Payroll Burden	54.90%						<b>\$1,983.32</b>						<b>\$18.10</b>	<b>\$2,001.42</b>	<b>\$2,001.42</b>
2021	45d	Connection Impact Assessments - Small Projects <=500 kW, Simplified	Direct Labour - Clerical	\$82.92	0.87		\$72.14	\$40.11	\$112.25	Small Vehicle Time	\$10.00	1.81	\$18.10					
			Direct Labour - MP4	\$121.49	3.54		\$430.07	\$239.12	\$669.20									
			Direct Labour - Technician (GR64)	\$91.92	3.63		\$333.67	\$185.52	\$519.19									
			Direct Labour - Field Staff (ADET)	\$87.42	4.08		\$356.67	\$198.31	\$554.98									
			Direct Labour - MP2	\$109.27	0.91		\$99.44	\$55.29	\$154.72									
			Payroll Burden	55.60%						<b>\$2,010.34</b>						<b>\$18.10</b>	<b>\$2,028.44</b>	<b>\$2,028.44</b>
2022	45d	Connection Impact Assessments - Small Projects <=500 kW, Simplified	Direct Labour - Clerical	\$84.20	0.87		\$73.25	\$40.73	\$113.98	Small Vehicle Time	\$10.00	1.81	\$18.10					
			Direct Labour - MP4	\$122.77	3.54		\$434.61	\$241.64	\$676.25									
			Direct Labour - Technician (GR64)	\$93.20	3.63		\$338.32	\$188.10	\$526.42									
			Direct Labour - Field Staff (ADET)	\$88.70	4.08		\$361.90	\$201.21	\$563.11									
			Direct Labour - MP2	\$110.56	0.91		\$100.61	\$55.94	\$156.55									
			Payroll Burden	55.60%						<b>\$2,036.31</b>						<b>\$18.10</b>	<b>\$2,054.41</b>	<b>\$2,054.41</b>

1                   **1.1.10.5 CONNECTION IMPACT ASSESSMENTS – GREATER THAN**  
2                   **CAPACITY ALLOCATION EXEMPT PROJECTS –**  
3                   **CAPACITY ALLOCATION REQUIRED PROJECTS (RATE**  
4                   **CODE 45E)**

5  
6                   The category covers the Capacity Allocation Required (“CAR”) CIAs for all DG projects,  
7                   including net metering, load displacement and energy storage facilities, greater than  
8                   Capacity Allocation Exempt (“CAE”) size. CAR projects have a capacity greater than 250  
9                   kW if connecting to less than 15 kV line, and greater than 500 kW if connecting to a line  
10                  greater than or equal to 15 kV.

1 **Table 19: Connection Impact Assessments – Greater than Capacity Allocation Exempt Projects**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2018	45e	Connection Impact Assessments - Greater than Capacity Allocation Exempt Projects - Capacity Allocation Required Projects	Direct Labour - Clerical	\$80.08	0.62		\$49.65	\$26.61	\$76.26								
			Direct Labour - MP2	\$105.47	11.10		\$1,170.72	\$627.50	\$1,798.22								
			Direct Labour - Intern	\$67.06	28.71		\$1,925.29	\$1,031.96	\$2,957.25								
			Direct Labour - MP4	\$117.84	20.37		\$2,400.40	\$1,286.61	\$3,687.02								
			Payroll Burden	53.60%						<b>\$8,518.75</b>					<b>\$0.00</b>	<b>\$8,518.75</b>	<b>\$8,518.75</b>
2019	45e	Connection Impact Assessments - Greater than Capacity Allocation Exempt Projects - Capacity Allocation Required Projects	Direct Labour - Clerical	\$81.00	0.62		\$50.22	\$27.27	\$77.49								
			Direct Labour - MP2	\$106.92	11.10		\$1,186.81	\$644.44	\$1,831.25								
			Direct Labour - Intern	\$67.39	28.71		\$1,934.77	\$1,050.58	\$2,985.35								
			Direct Labour - MP4	\$119.24	20.37		\$2,428.92	\$1,318.90	\$3,747.82								
			Payroll Burden	54.30%						<b>\$8,641.91</b>					<b>\$0.00</b>	<b>\$8,641.91</b>	<b>\$8,641.91</b>

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2020	45e	Connection Impact Assessments - Greater than Capacity Allocation Exempt Projects - Capacity Allocation Required Projects	Direct Labour - Clerical	\$81.96	0.62		\$50.82	\$27.90	\$78.71								
			Direct Labour - MP2	\$108.43	11.10		\$1,203.57	\$660.76	\$1,864.33								
			Direct Labour - Intern	\$67.77	28.71		\$1,945.68	\$1,068.18	\$3,013.85								
			Direct Labour - MP4	\$120.69	20.37		\$2,458.46	\$1,349.69	\$3,808.15								
			Payroll Burden	54.90%						<b>\$8,765.05</b>					<b>\$0.00</b>	<b>\$8,765.05</b>	<b>\$8,765.05</b>
2021	45e	Connection Impact Assessments - Greater than Capacity Allocation Exempt Projects - Capacity Allocation Required Projects	Direct Labour - Clerical	\$82.92	0.62		\$51.41	\$28.58	\$79.99								
			Direct Labour - MP2	\$109.27	11.10		\$1,212.90	\$674.37	\$1,887.27								
			Direct Labour - Intern	\$68.78	28.71		\$1,974.67	\$1,097.92	\$3,072.59								
			Direct Labour - MP4	\$121.49	20.37		\$2,474.75	\$1,375.96	\$3,850.71								
			Payroll Burden	55.60%						<b>\$8,890.57</b>					<b>\$0.00</b>	<b>\$8,890.57</b>	<b>\$8,890.57</b>
2022	45e	Connection Impact Assessments - Greater than Capacity Allocation Exempt Projects - Capacity Allocation Required Projects	Direct Labour - Clerical	\$84.20	0.62		\$52.20	\$29.03	\$81.23								
			Direct Labour - MP2	\$110.56	11.10		\$1,227.22	\$682.33	\$1,909.55								
			Direct Labour - Intern	\$70.06	28.71		\$2,011.42	\$1,118.35	\$3,129.77								
			Direct Labour - MP4	\$122.77	20.37		\$2,500.82	\$1,390.46	\$3,891.28								
			Payroll Burden	55.60%						<b>\$9,011.83</b>					<b>\$0.00</b>	<b>\$9,011.83</b>	<b>\$9,011.83</b>

1                   **1.1.10.6      CONNECTION      IMPACT      ASSESSMENTS      –**  
2                   **GREATER      THAN      CAPACITY      ALLOCATION**  
3                   **EXEMPT      PROJECTS      –      TS      REVIEW      FOR      LDC**  
4                   **CAPACITY      ALLOCATION      REQUIRED      PROJECTS**  
5                   **(RATE      CODE      45F)**  
6

7                    The Transformer Station (“TS”) review CIAs are completed for all DG projects  
8                    greater than 500 kW, including load displacement and energy storage facilities,  
9                    connecting to LDC dedicated feeders. TS review CIAs are performed to determine  
10                    if any upgrades are required at an upstream TS in order to facilitate connection of the  
11                    DG projects to the distribution system. Changes in the feeder protection schemes  
12                    such as transfer trip, low set block signal, and distributed generator end open signal  
13                    are evaluated to ensure adequate protection of the equipment in the event of a  
14                    contingency on the system.

**Table 20: Connection Impact Assessments - Greater than Capacity Allocation Exempt Projects - TS Review for LDC  
 Capacity Allocation Required Projects**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2018	45f	Connection Impact Assessments - Greater than Capacity Allocation Exempt Projects - TS Review for LDC Capacity Allocation Required Projects	Direct Labour - Clerical	\$80.08	0.62		\$49.65	\$26.61	\$76.26								
			Direct Labour - MP2	\$105.47	14.90		\$1,571.50	\$842.33	\$2,413.83								
			Direct Labour - Intern	\$67.06	10.44		\$700.11	\$375.26	\$1,075.36								
			Direct Labour - MP4	\$117.84	11.45		\$1,349.27	\$723.21	\$2,072.48								
			Payroll Burden	53.60%						<b>\$5,637.93</b>					<b>\$0.00</b>	<b>\$5,637.93</b>	<b>\$5,637.93</b>
2019	45f	Connection Impact Assessments - Greater than Capacity Allocation Exempt Projects - TS Review for LDC Capacity Allocation Required Projects	Direct Labour - Clerical	\$81.00	0.62		\$50.22	\$27.27	\$77.49								
			Direct Labour - MP2	\$106.92	14.90		\$1,593.11	\$865.06	\$2,458.17								
			Direct Labour - Intern	\$67.39	10.44		\$703.55	\$382.03	\$1,085.58								
			Direct Labour - MP4	\$119.24	11.45		\$1,365.30	\$741.36	\$2,106.65								
			Payroll Burden	54.30%						<b>\$5,727.89</b>					<b>\$0.00</b>	<b>\$5,727.89</b>	<b>\$5,727.89</b>
2020	45f	Connection Impact Assessments - Greater than Capacity Allocation Exempt Projects - TS Review for LDC Capacity Allocation Required Projects	Direct Labour - Clerical	\$81.96	0.62		\$50.82	\$27.90	\$78.71								
			Direct Labour - MP2	\$108.43	14.90		\$1,615.61	\$886.97	\$2,502.58								
			Direct Labour - Intern	\$67.77	10.44		\$707.52	\$388.43	\$1,095.95								
			Direct Labour - MP4	\$120.69	11.45		\$1,381.90	\$758.66	\$2,140.56								
			Payroll Burden	54.90%						<b>\$5,817.80</b>					<b>\$0.00</b>	<b>\$5,817.80</b>	<b>\$5,817.80</b>

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Units	Overtime Factor	Calculated Total	Payroll Burdens	Total Labour	Other Description	Rate Amount	Hours/Units	Calculated Total	Total Other	Calculated Total Charge	Proposed Charge	
2021	45f	Connection Impact Assessments - Greater than Capacity Allocation Exempt Projects - TS Review for LDC Capacity Allocation Required Projects	Direct Labour - Clerical	\$82.92	0.62		\$51.41	\$28.58	\$79.99								
			Direct Labour - MP2	\$109.27	14.90		\$1,628.12	\$905.24	\$2,533.36								
			Direct Labour - Intern	\$68.78	10.44		\$718.06	\$399.24	\$1,117.31								
			Direct Labour - MP4	\$121.49	11.45		\$1,391.06	\$773.43	\$2,164.49								
			Payroll Burden	55.60%					<b>\$5,895.15</b>						<b>\$0.00</b>	<b>\$5,895.15</b>	<b>\$5,895.15</b>
2022	45f	Connection Impact Assessments - Greater than Capacity Allocation Exempt Projects - TS Review for LDC Capacity Allocation Required Projects	Direct Labour - Clerical	\$84.20	0.62		\$52.20	\$29.03	\$81.23								
			Direct Labour - MP2	\$110.56	14.90		\$1,647.34	\$915.92	\$2,563.27								
			Direct Labour - Intern	\$70.06	10.44		\$731.43	\$406.67	\$1,138.10								
			Direct Labour - MP4	\$122.77	11.45		\$1,405.72	\$781.58	\$2,187.29								
			Payroll Burden	55.60%					<b>\$5,969.89</b>						<b>\$0.00</b>	<b>\$5,969.89</b>	<b>\$5,969.89</b>

**APPENDIX C**

**1. SPECIFIC SERVICE CHARGES: OTHER FORMULAE, AMOUNTS**

**1.1 SPECIFIC CHARGES DESCRIPTION**

The charges in this section are determined by formulae that have been previously approved by the OEB.

**1.1.1 SENTINEL LIGHTS & POLES**

**1.1.1.1 SENTINEL LIGHTS (RATE CODE 50)**

The sentinel light rental program is designed to provide rural customers with low-cost security lighting. The service is provided primarily to rural residential, farm, and cottage customers, for whom street lighting is not available.

Based on Hydro One’s recent Time Study, the customer charge is expected to increase slightly on an annual basis. Hydro One is proposing to charge a flat fee for these services over the entire planning period in order to avoid customer confusion and costly updates to its Customer Information System (“CIS”), customer correspondence, and internal work instructions.

The proposed rate for sentinel lights has been developed as follows:

1

**Table 1: Specific Service Charges: Sentinel Lights**

Specific Service Charges - Sentinel Lights							
Line No.	Particulars	Calculation of Revenue Requirement for Sentinel Lights					
		2017 (Current Rate)	2018	2019	2020	2021	2022
1	Mid-Year Rate Base	\$6.46	\$6.03	\$5.61	\$5.19	\$4.76	\$4.34
	Cost of Service						
2	Operating, maintenance & administrative	\$1.33	\$1.24	\$1.26	\$1.28	\$1.30	\$1.32
3	Depreciation & amortization	\$1.45	\$1.46	\$1.48	\$1.50	\$1.52	\$1.55
4	Income taxes	\$0.20	\$0.19	\$0.19	\$0.19	\$0.19	\$0.19
5	Cost of service excluding return	\$2.98	\$2.89	\$2.94	\$2.98	\$3.02	\$3.06
6	Return on capital	\$0.46	\$0.36	\$0.34	\$0.31	\$0.29	\$0.26
7	Total revenue requirement (\$M)	\$3.44	\$3.25	\$3.27	\$3.29	\$3.31	\$3.32
8	Mid- Year Number of Sentinel Lights	30,100	27,169	26,866	26,550	26,274	26,035
9	Annual Revenue Requirement per Light,\$	\$114.17	\$119.62	\$121.78	\$123.86	\$125.80	\$127.61
10	Calculated Monthly Charge Per Light	<b>\$9.51</b>	<b>\$9.97</b>	<b>\$10.15</b>	<b>\$10.32</b>	<b>\$10.48</b>	<b>\$10.63</b>
11	Proposed Monthly Charge Per Light		<b>\$10.00</b>	<b>\$10.00</b>	<b>\$10.00</b>	<b>\$10.00</b>	<b>\$10.00</b>

2

**1.1.1.2 SENTINEL LIGHT POLES (RATE CODE 51)**

The sentinel light pole rental program is designed to provide rural customers with a pole to attach a light. The service is provided primarily to rural residential, farm, and cottage customers.

The proposed rate for sentinel light poles has been developed as follows:

**Table 2: Specific Service Charges: Sentinel Light Poles**

Specific Service Charges - Sentinel Light Poles							
Line No.	Particulars	Calculation of Revenue Requirement for Sentinel Light Poles					
		2017 (Current Rate)	2018	2019	2020	2021	2022
1	Mid-Year Rate Base		\$1.20	\$1.16	\$1.13	\$1.09	\$1.06
	Cost of Service						
2	Operating, maintenance & administrative						
3	Depreciation & amortization		\$0.04	\$0.04	\$0.04	\$0.04	\$0.04
4	Income taxes		\$0.02	\$0.01	\$0.01	\$0.01	\$0.01
5	Cost of service excluding return		\$0.05	\$0.05	\$0.05	\$0.05	\$0.05
6	Return on capital		\$0.07	\$0.07	\$0.07	\$0.07	\$0.06
7	Total revenue requirement		\$0.12	\$0.12	\$0.12	\$0.12	\$0.11
8	Mid- Year Number of Sentinel Light Poles		1,428	1,418	1,407	1,399	1,392
9	Annual Revenue Requirement per Pole,\$		\$86.06	\$84.83	\$83.65	\$82.28	\$80.82
10	Calculated Monthly Charge Per Pole	<b>\$4.15</b>	<b>\$7.17</b>	<b>\$7.07</b>	<b>\$6.97</b>	<b>\$6.86</b>	<b>\$6.74</b>
11	Proposed Monthly Charge Per Pole		<b>\$7.00</b>	<b>\$7.00</b>	<b>\$7.00</b>	<b>\$7.00</b>	<b>\$7.00</b>

1       **1.1.2       JOINT USE CHARGES**

2

3               **1.1.2.1 JOINT USE – TELECOMMUNICATIONS (RATE CODE 30)**

4

5       In EB-2015-0141, the OEB accepted the methodology and determined a per attacher, per  
6       pole rate of \$41.28 for telecommunication companies that attach wireline attachments to  
7       Hydro One’s poles. In November 2015, the OEB initiated a comprehensive policy  
8       review of miscellaneous rates and charges applied by electricity distributors, prioritizing  
9       the review of wireline pole attachments (EB-2015-0304). As a result of the consultation  
10       process, Hydro One expects the OEB will decide on an updated methodology for  
11       determining wireline charges for pole attachments.

12

13       For this Application, as seen in Table 3 below, Hydro One has calculated Joint Use  
14       Telecom charges from 2018 to 2022, using the methodology approved in EB-2015-0141.  
15       Hydro One proposes adopting these charges until the OEB issues its decision in EB-  
16       2015-0304. Once the Decision is issued, Hydro One will revise its charges to comply  
17       with it prospectively.

18

19       Using the methodology approved in EB-2015-0141, Table 3 shows how Hydro One  
20       updated the calculation using 2015 audited actual numbers as a basis to determine the  
21       2016 rate. Hydro One proposes that the 2016 rate is escalated at a rate of CPI, less the  
22       currently applicable Hydro One productivity factor, to determine the rates from 2018 to  
23       2022. Hydro One used the OEB inflation rates for years 2016 and 2017 and used  
24       projected CPI for the test years because the OEB inflation rates are not available during  
25       the test years period.

1

**Table 3: Specific Service Charges - Joint Use Telecom**

Calculation of Telecom Joint Use Costs	Rate based on EB-2015-0141	2016 (Based on Actual 2015 Data)	2017	2018	2019	2020	2021	2022
Net Embedded Cost	\$944.49	\$1,058.06						
Depreciation per Pole	\$23.83	\$25.77						
Capital Carrying Cost	\$80.19	\$83.27						
Maintenance (Lines Only)	\$4.69	\$3.92						
Total Capital Related Costs	\$108.71	\$112.95						
Allocated Capital Cost	\$37.29	\$38.74						
Loss of Productivity	\$3.09	\$3.15						
Administration	\$0.90	\$0.92						
Vegetation Mgmt	\$0.00	\$0.00						
<b>Total Licensee Cost</b>	<b>\$41.28</b>	<b>\$42.78</b>	<b>\$43.42</b>	<b>\$43.99</b>	<b>\$44.60</b>	<b>\$45.22</b>	<b>\$45.84</b>	<b>\$46.47</b>

2

3 **Explanation of Underlying Pole Attachment Rate Calculations as seen in Table 3**  
 4 **above**

5

- 6 1. **2015 Net Embedded Cost (NEC) of \$1,058.06** = {[2015 Year End Acquisition  
 7 Value (\$2,801,889,133) - 2015 Accumulated Depreciation (\$845,860,708) =  
 8 \$1,956,028,425]/Qty. of Poles on April 15, 2016 (1,571,384)}\*85%
- 9 2. **2015 Depreciation Cost of \$25.77** = [2015 Year End Acquisition Value  
 10 (\$2,801,889,133) \* HONI Depreciation Rate (1.7%) \* 85% allocation factor to  
 11 remove any pole-associated assets] / Qty. of Poles (1,571,384)

1 3. **2015 Capital Carrying Cost of \$83.27** = 2015 NEC of \$1,058.06 \* 2015 Pre-Tax  
2 Weighted Average Cost of Capital (7.87%)

3 4. **2015 Pole Maintenance Costs of \$3.92** =

4 **Lines Maintenance**

5 • USofA 5120: Maintenance of Poles, Towers and Fixtures  
6 • Sub Account 1464 - Trouble Calls (\$15M) + Subaccount 1467 -  
7 OM&A Cost Storm Response (\$1.5M) + Subaccount 1469 -  
8 Defect Corrections (\$0.7M) = \$17.2M

9 • \$17.2M x 5% (5% of the time work is pole related) = \$0.86M

10 • USofA 5125: Maintenance of Overhead Conductors and Devices

11 • Subaccount 1464 - Trouble Calls (\$38.7M) + Subaccount 1467 -  
12 OM&A Cost Storm Response (\$3.9M) + Subaccount 1469 -  
13 Defect Corrections (\$3.6M) = \$46.2M

14 • \$46.2M x 5% (5% of the time work is primary neutral conductor  
15 related) = \$2.31M

16 • USofA 5020: Maintenance Line Patrols

17 • (\$7.7021M)\*77.5% (77.5% of the time, work is attributable to  
18 Overhead Distribution Lines and Feeders) = \$5,969,127

19 • \$5,969,127 x 50% (50% of the time, work is related to the pole) =  
20 \$2,984,564

21 • **Total Lines Maintenance** = \$860,000 + \$2,310,000 + \$2,984,564

22 • = \$6,154,564

23 • = \$6,154,564 / 1,571,384 poles

24 • = **\$3.92/pole**

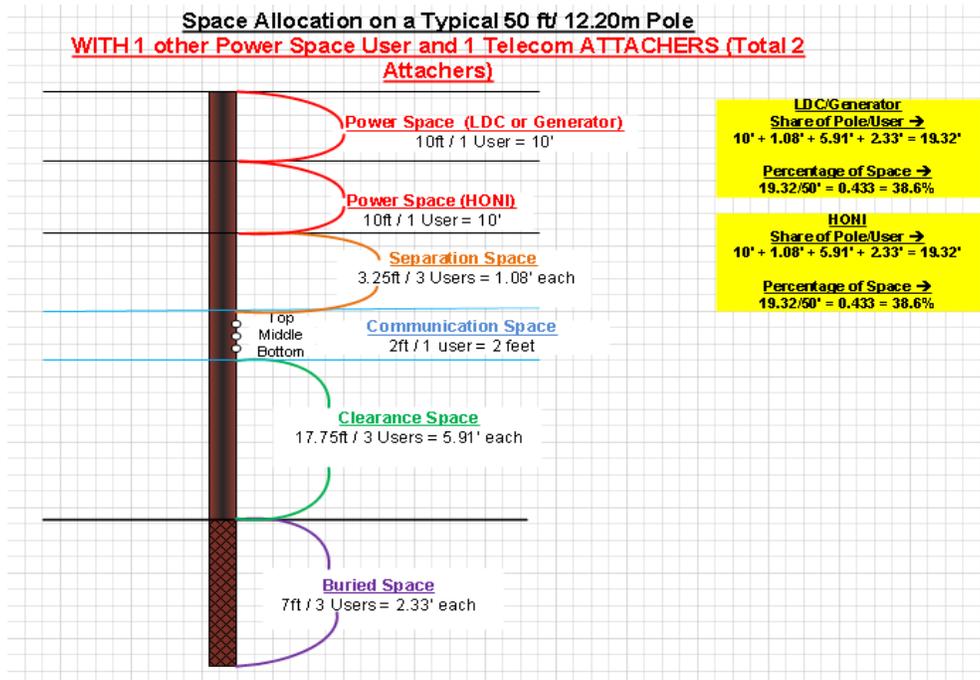
25 5. **Loss of Productivity of \$3.13** = Loss of Productivity approved in EB-2015-0141,  
26 escalated for one year by OEB-approved Inflation Rate (1.9%), minus Hydro One  
27 Productivity Factor (0.6%):  $\$3.09 * [1 + (0.019 - 0.006)] = \$3.13$

1 6. **Administration Costs of \$0.91** = Admin. Costs approved in EB-2015-0141,  
2 escalated for one year by OEB-approved Inflation Rate (1.9%), minus Hydro One  
3 Productivity Factor (0.6%):  $\$0.90 * [1 + (0.019 - 0.006)] = \$0.91$

4  
5 **1.1.2.2 JOINT USE – LOCAL DISTRIBUTION COMPANIES (LDCS)**  
6 **AND GENERATORS (RATE CODE 47 & 48)**

7  
8 As referenced in EB-2013-0416, LDCs and generators both use power space, and require  
9 the same space allocation. Using the OEB-approved methodology, as shown in Tables 4  
10 and 5, Hydro One calculated the proposed charges using 2015 audited actual numbers as  
11 a basis to determine the 2016 rate, with the modification of the space allocation factor  
12 from 28.1% to 38.6% on a 50-foot pole, as seen in Figure 1 below. Hydro One proposes  
13 escalating the 2016 rate at a rate of CPI, less the currently applicable Hydro One  
14 productivity factor, to determine the rates from 2018 to 2022. Hydro One used the OEB  
15 inflation rates for years 2016 and 2017 and used projected CPI for the test years as the  
16 OEB inflation rates are not available during the forecast period.

1



2

3

**Figure 1**

4

5

**Table 4: Specific Service Charge: LDC Joint Use**

Calculation of LDC Joint Use Costs	2015 (from EB-2013-0416)	2017 (from EB-2013-0416)	2016 rate (Based on 2015 Actual Number)	2017	2018	2019	2020	2021	2022
Net Embedded Cost	\$745.86	\$760.85	\$1,058.06	-	-	-	-	-	-
Depreciation per Pole	\$12.68	\$12.93	\$25.77	-	-	-	-	-	-
Capital Carrying Cost	\$63.32	\$64.60	\$83.27	-	-	-	-	-	-
Maintenance (L&F)	\$82.41	\$84.07	\$73.16	-	-	-	-	-	-
Total Capital Related Costs	\$158.41	\$161.60	\$182.19	-	-	-	-	-	-
Allocated Capital Cost	\$44.51	\$45.41	\$70.33	-	-	-	-	-	-
Loss of Productivity	\$1.51	\$1.54	\$3.13	-	-	-	-	-	-
Administration	\$0.85	\$0.87	\$0.91	-	-	-	-	-	-

<b>Calculation of LDC Joint Use Costs</b>	<b>2015 (from EB-2013-0416)</b>	<b>2017 (from EB-2013-0416)</b>	<b>2016 rate (Based on 2015 Actual Number)</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
Vegetation Mgmt	\$0.00	\$0.00	\$0.00	-	-	-	-	-	-
<b>Licensee Cost (10' of power space)</b>	<b>\$46.88</b>	<b>\$47.82</b>	<b>\$74.37</b>	<b>\$75.48</b>	<b>\$76.46</b>	<b>\$77.53</b>	<b>\$78.60</b>	<b>\$79.69</b>	<b>\$80.78</b>
Licensee Cost (15' of power space)	\$56.25	\$57.38	\$89.24	\$90.58	\$91.75	\$93.03	\$94.32	\$95.63	\$96.94
Licensee Cost (20' of power space)	\$62.81	\$64.08	\$99.15	\$100.64	\$101.95	\$103.37	\$104.80	\$106.25	\$107.71
Licensee Cost (25' of power space)	\$66.56	\$67.90	\$106.24	\$107.83	\$109.23	\$110.75	\$112.29	\$113.84	\$115.40
Licensee Cost (30' of power space)	\$70.31	\$71.73	\$111.55	\$113.22	\$114.69	\$116.29	\$117.90	\$119.53	\$121.17
Licensee Cost (35' of power space)	\$73.13	\$74.60	\$115.68	\$117.42	\$118.94	\$120.59	\$122.27	\$123.96	\$125.66
Licensee Cost (40' of power space)	\$75.00	\$76.51	\$118.99	\$120.77	\$122.34	\$124.04	\$125.76	\$127.50	\$129.25
Licensee Cost (45' of power space)	\$76.88	\$78.42	\$121.69	\$123.51	\$125.12	\$126.86	\$128.62	\$130.40	\$132.18
Licensee Cost (50' of power space)	\$77.81	\$79.38	\$123.94	\$125.80	\$127.44	\$129.21	\$131.00	\$132.81	\$134.63
Licensee Cost (55' of power space)	\$79.69	\$81.29	\$125.85	\$127.74	\$129.40	\$131.20	\$133.02	\$134.86	\$136.70
Licensee Cost (60' of power space)	\$80.63	\$82.25	\$127.48	\$129.40	\$131.08	\$132.90	\$134.75	\$136.61	\$138.48

1 **Explanation of Underlying Pole Attachment Rate Calculations as seen in Table 4**  
2 **above**

3  
4 1. **2015 Net Embedded Cost (NEC) of \$1,058.06** = {[2015 Year End Acquisition  
5 Value (\$2,801,889,133) - 2015 Accumulated Depreciation (\$845,860,708) =  
6 [\$1,956,028,425]/Qty. of Poles on April 15, 2016 (1,571,384)}\*85%

7 2. **2015 Depreciation Cost of \$25.77** = [2015 Year End Acquisition Value  
8 (\$2,801,889,133) \* HONI Depreciation Rate (1.7%) \* 85% allocation factor to  
9 remove any pole-associated assets] / Qty. of Poles (1,571,384)

10 3. **2015 Capital Carrying Cost of \$83.27** = 2015 NEC of \$1,058.06 \* 2015 Pre-Tax  
11 Weighted Average Cost of Capital (7.87%)

12 4. **2015 Pole Maintenance Costs of \$73.16** =

13 **Lines Maintenance**

14 • USofA 5120: Maintenance of Poles, Towers and Fixtures

15 • Sub Account 1464 - Trouble Calls (\$15M) + Subaccount 1467 -  
16 OM&A Cost Storm Response (\$1.5M) + Subaccount 1469 -  
17 Defect Corrections (\$0.7M) = \$17.2M

18 • \$17.2M x 5% (5% of the time work is pole related) = \$0.86M

19 • USofA 5125: Maintenance of Overhead Conductors and Devices

20 • Subaccount 1464 - Trouble Calls (\$38.7M) + Subaccount 1467 -  
21 OM&A Cost Storm Response (\$3.9M) + Subaccount 1469 -  
22 Defect Corrections (\$3.6M) = \$46.2M

23 • \$46.2M x 5% (5% of the time work is primary neutral conductor  
24 related) = \$2.31M

25 • USofA 5020: Maintenance Line Patrols

26 • (\$7.7021M)\*77.5% (77.5% of the time, work is attributable to  
27 Overhead Distribution Lines and Feeders) = \$5,969,127

1 • \$5,969,127 x 50% (50% of the time, work is related to the pole) =  
2 \$2,984,564

3 • **Total Lines Maintenance** = \$860,000 + \$2,310,000 + \$2,984,564

4 • = \$6,154,564

5 • = \$6,154,564 / 1,571,384 poles

6 • = **\$3.92/pole**

7 **Forestry Maintenance**

8 • Line Clearing = \$94.6M

9 • Brush Control = \$7.6M

10 • Customer Notification = \$6.6M

11 • **Total Forestry Maintenance** = \$94.6M + \$7.6M + \$6.6M

12 ▪ = \$108.8M / 1,571,384 poles

13 ▪ = **\$69.24/pole**

14  
15 **Total Lines & Forestry Maintenance** = **\$3.92/pole + \$69.24/pole**

16 ▪ **\$73.16 per pole**

17  
18 5. **Loss of Productivity of \$3.13** = In determining the Loss of Productivity for this  
19 current filing, HONI accepted the Loss of Productivity approved in EB-2015-0141,  
20 and it was escalated for one year by OEB-approved Inflation Rate (1.9%), minus  
21 Hydro One Productivity Factor (0.6%):  $\$3.09 * [1 + (0.019 - 0.006)] = \$3.13$

22 6. **Administration Costs of \$0.91** = In determining the Administration Costs for this  
23 current filing, HONI accepted the Administration Costs approved in EB-2015-0141,  
24 and it was escalated for one year by OEB-approved Inflation Rate (1.9%), minus  
25 Hydro One Productivity Factor (0.6%):  $\$0.90 * [1 + (0.019 - 0.006)] = \$0.91$

1

**Table 5: Specific Service Charge: Generator Joint Use**

Calculation of Generator Joint Use Costs	2015 (from EB- 2013- 0416)	2017 (from EB- 2013- 0416)	2016 rate (Based on 2015 Actual Numbers)	2017	2018	2019	2020	2021	2022
Net Embedded Cost	\$745.86	\$760.85	\$1,058.06	-	-	-	-	-	-
Depreciation per Pole	\$12.68	\$12.93	\$25.77	-	-	-	-	-	-
Capital Carrying Cost	\$63.32	\$64.60	\$83.27	-	-	-	-	-	-
Maintenance (L&F)	\$82.41	\$84.07	\$73.16	-	-	-	-	-	-
Total Capital Related Costs	\$158.41	\$161.60	\$182.19	-	-	-	-	-	-
Allocated Capital Cost	\$44.51	\$45.41	\$70.33	-	-	-	-	-	-
Loss of Productivity	\$1.51	\$1.54	\$3.13	-	-	-	-	-	-
Administration	\$0.85	\$0.87	\$0.91	-	-	-	-	-	-
Vegetation Mgmt	\$0.00	\$0.00	\$0.00	-	-	-	-	-	-
<b>Licensee Cost (10' of power space)</b>	<b>\$46.88</b>	<b>\$47.82</b>	<b>\$74.37</b>	<b>\$75.48</b>	<b>\$76.46</b>	<b>\$77.53</b>	<b>\$78.60</b>	<b>\$79.69</b>	<b>\$80.78</b>
Licensee Cost (15' of power space)	\$56.25	\$57.38	\$89.24	\$90.58	\$91.75	\$93.03	\$94.32	\$95.63	\$96.94
Licensee Cost (20' of power space)	\$62.81	\$64.08	\$99.15	\$100.64	\$101.95	\$103.37	\$104.80	\$106.25	\$107.71
Licensee Cost (25' of power space)	\$66.56	\$67.90	\$106.24	\$107.83	\$109.23	\$110.75	\$112.29	\$113.84	\$115.40
Licensee Cost (30' of power space)	\$70.31	\$71.73	\$111.55	\$113.22	\$114.69	\$116.29	\$117.90	\$119.53	\$121.17
Licensee Cost (35' of power space)	\$73.13	\$74.60	\$115.68	\$117.42	\$118.94	\$120.59	\$122.27	\$123.96	\$125.66
Licensee Cost (40' of power space)	\$75.00	\$76.51	\$118.99	\$120.77	\$122.34	\$124.04	\$125.76	\$127.50	\$129.25
Licensee Cost (45' of power space)	\$76.88	\$78.42	\$121.69	\$123.51	\$125.12	\$126.86	\$128.62	\$130.40	\$132.18
Licensee Cost (50' of power space)	\$77.81	\$79.38	\$123.94	\$125.80	\$127.44	\$129.21	\$131.00	\$132.81	\$134.63
Licensee Cost (55' of power space)	\$79.69	\$81.29	\$125.85	\$127.74	\$129.40	\$131.20	\$133.02	\$134.86	\$136.70
Licensee Cost (60' of power space)	\$80.63	\$82.25	\$127.48	\$129.40	\$131.08	\$132.90	\$134.75	\$136.61	\$138.48

2

3

1 **Explanation of Underlying Pole Attachment Rate Calculations as seen in Table 5**  
2 **above**

3  
4 1. **2015 Net Embedded Cost (NEC) of \$1,058.06** = {[2015 Year End Acquisition  
5 Value (\$2,801,889,133) - 2015 Accumulated Depreciation (\$845,860,708) =  
6 \$1,956,028,425]/Qty. of Poles on April 15, 2016 (1,571,384)}\*85%

7 2. **2015 Depreciation Cost of \$25.77** = [2015 Year End Acquisition Value  
8 (\$2,801,889,133) \* HONI Depreciation Rate (1.7%) \* 85% allocation factor to  
9 remove any pole-associated assets] / Qty. of Poles (1,571,384)

10 3. **2015 Capital Carrying Cost of \$83.27** = 2015 NEC of \$1,058.06 \* 2015 Pre-Tax  
11 Weighted Average Cost of Capital (7.87%)

12 4. **2015 Pole Maintenance Costs of \$73.16** =

13 **Lines Maintenance**

- 14 • USofA 5120: Maintenance of Poles, Towers and Fixtures

- 15 • Sub Account 1464 - Trouble Calls (\$15M) + Subaccount 1467 -  
16 OM&A Cost Storm Response (\$1.5M) + Subaccount 1469 - Defect  
17 Corrections (\$0.7M) = \$17.2M

- 18 • \$17.2M x 5% (5% of the time work is pole related) = \$0.86M

- 19 • USofA 5125: Maintenance of Overhead Conductors and Devices

- 20 • Subaccount 1464 - Trouble Calls (\$38.7M) + Subaccount 1467 -  
21 OM&A Cost Storm Response (\$3.9M) + Subaccount 1469 -  
22 Defect Corrections (\$3.6M) = \$46.2M

- 23 • \$46.2M x 5% (5% of the time work is primary neutral conductor  
24 related) = \$2.31M

- 1 • USofA 5020: Maintenance Line Patrols
- 2 •  $(\$7.7021M) * 77.5%$  (77.5% of the time, work is attributable to
- 3 Overhead Distribution Lines and Feeders) = \$5,969,127
- 4 •  $\$5,969,127 \times 50%$  (50% of the time, work is related to the pole) =
- 5 \$2,984,564
- 6 • **Total Lines Maintenance** =  $\$860,000 + \$2,310,000 + \$2,984,564$
- 7 • = \$6,154,564
- 8 • =  $\$6,154,564 / 1,571,384$  poles
- 9 • = **\$3.92/pole**

#### 10 Forestry Maintenance

- 11 • Line Clearing = \$94.6M
- 12 • Brush Control = \$7.6M
- 13 • Customer Notification = \$6.6M
- 14 • **Total Forestry Maintenance** =  $\$94.6M + \$7.6M + \$6.6M$
- 15 • =  $\$108.8M / 1,571,384$  poles
- 16 • = **\$69.24/pole**

17

18 **Total Lines & Forestry Maintenance** = **\$3.92/pole + \$69.24/pole**

- 19 • **\$73.16 per pole**

20

- 21 5. **Loss of Productivity of \$3.13** = In determining the Loss of Productivity for this
- 22 current filing, HONI accepted the Loss of Productivity approved in EB-2015-0141,
- 23 and it was escalated for one year by OEB-approved Inflation Rate (1.9%), minus
- 24 Hydro One Productivity Factor (0.6%):  $\$3.09 * [1 + (0.019 - 0.006)] = \$3.13$
- 25 6. **Administration Costs of \$0.91** = In determining the Administration Costs for this
- 26 current filing, HONI accepted the Administration Costs approved in EB-2015-0141,
- 27 and it was escalated for one year by OEB-approved Inflation Rate (1.9%), minus
- 28 Hydro One Productivity Factor (0.6%):  $\$0.90 * [1 + (0.019 - 0.006)] = \$0.91$



# **MISCELLANEOUS SERVICE CHARGES STUDY**

Prepared: December 29, 2016



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## 1.0 EXECUTIVE SUMMARY

Hydro One's Distribution Rate filing (EB-2013-0416) proposed rates for miscellaneous services (Exhibit G2, Tab 5, Schedule 1) performed over and above the standard level of service as defined by the Distribution System Code. The costs of providing the standard level of service are recovered in a Local Distribution Company's ("LDC") regular distribution rates. Miscellaneous services are provided at a customer's request or as the result of a customer's action or inaction and impose costs on the distributor. In the Ontario Energy Board's ("OEB") Decision in this rate application issued March 12, 2015, Hydro One was directed to perform a study ("the Study") to determine Hydro One's underlying costs and propose changes to fees charged for the performance of miscellaneous services to allow recovery of the underlying costs of providing each service.

Hydro One performed a time study on the tasks of the specific services and identified other associated costs including labour rates and burdens, fleet costs, material costs and pass-through charges. The approaches found in the OEB's 2006 Electricity Distribution Rate Handbook, Chapter 11 were used to define the level of the charge to bill the customer. Factors considered in the proposals for changes to the specific service fees included:

- Recovery of underlying costs;
- Elimination of cross-subsidization of costs;
- Separating tasks to avoid over recovery for the benefit of the customer

The resulting proposals for changes to the fees for each service are found in Table 1. Further general recommendations can be found in Section 4.0.

**Table 1: Summary of Proposed Changes to the Fees Charges for Miscellaneous**

Rate Code	Standard Name	Std. Amount, 2006 & Hydro One Current Charge	Underlying Cost, 2016	\$ change	% change	Proposed Fee Change for Each Specific Service
1	Arrears certificate	\$ 15.00	N/A	N/A	N/A	Market restructuring brought about the corporatization of the distribution sector and removed this tool to recover payment defaults. This charge should be removed from the Handbook.
2	Statement of account	\$ 15.00	\$ 13.71	\$ (1.29)	-9%	Hydro One proposes this charge be decreased to \$13.71 to avoid over collection of underlying costs.
3	Pulling post- dated cheques	\$ 15.00	N/A	N/A	N/A	This service is not provided by Hydro One.
4	Duplicate invoices for previous billing	\$ 15.00	\$ 12.72	\$ (2.28)	-15%	Hydro One proposes this charge be decreased to \$12.72 to avoid over collection of underlying costs.
5	Request for other billing information	\$ 15.00	\$ 13.71	\$ (1.29)	-9%	Hydro One proposes this charge be decreased to \$13.71 to avoid over collection of underlying costs.
6	Easement letter	\$ 15.00	\$ 84.32	\$ 69.32	462%	Hydro One proposes this charge be increased to \$84.32 to allow recovery of underlying costs.
7	Income tax letter	\$ 15.00	\$ 12.72	\$ (2.28)	-15%	Hydro One proposes this charge be decreased to \$12.72 to avoid over collection of underlying costs.
8	Notification charge	\$ 15.00	N/A	N/A	N/A	This service is not provided by Hydro One.
9	Account History	\$ 15.00	\$ 13.71	\$ (1.29)	-9%	Hydro One proposes this charge be decreased to \$13.71 to avoid over collection of underlying costs.
10	Credit reference/credit check (plus credit agency costs)	\$ 15.00	\$ 18.84	\$ 3.84	26%	Hydro One proposes this charge be increased to \$18.84 to allow recovery of underlying costs.
11	Returned cheque charge	\$ 15.00	\$ 6.94	\$ 8.06	-54%	Hydro One proposes this charge be decreased to \$6.94 to avoid over collection of underlying costs.
12	Charge to certify cheque	\$ 15.00	N/A	N/A	N/A	This service is not provided by Hydro One.
13	Legal letter charge	\$ 15.00	N/A	N/A	N/A	Hydro One proposes the charge for preparing a legal letter should be based on the actual time and labour costs an individual basis.

Miscellaneous Service Charges



Rate Code	Standard Name	Std. Amount, 2006 & Hydro One Current Charge	Underlying Cost, 2016	\$ change	% change	Proposed Fee Change for Each Specific Service
14	Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$ 30.00	\$ 35.20	\$ 5.20	17%	Hydro One proposes this charge be increased to \$35.20 to allow recovery of underlying costs.
15	Special Meter Reads (retailer requested off-cycle read)	\$ 30.00	\$ 88.80	\$ 58.80	196%	Hydro One proposes this charge be increased to \$88.80 to allow recovery of underlying costs.
16	Collection of account charge - no disconnection	\$ 30.00	\$ 95.65	\$ 65.65	219%	Hydro One proposes this charge be increased to \$95.65 to allow recovery of underlying costs.
17	Collection of account charge - no disconnection - after regular hours	\$ 165.00	N/A	N/A	N/A	This service is not provided by Hydro One.
18	Collection - Disconnect/Reconnect at meter - during regular hours	\$ 65.00	\$ 114.54	\$ 9.54	76%	Hydro One proposes that due to the similarity of these two services, the rate codes be combined and the charge increased to \$114.65 to allow recovery of underlying costs.
19	Collection - Install/Remove load control device - during regular hours	\$ 65.00	\$ 119.02	\$ 4.02	83%	
20	Collection - Disconnect/Reconnect at meter - after regular hours	\$ 185.00	\$ 411.07	\$ 26.07	122%	Hydro One proposes that due to the similarity of these two services, the rate codes be combined and the charge increased to \$406.85 to allow recovery of underlying costs.
21	Collection - Install/Remove load control device - after regular hours	\$ 185.00	\$ 396.41	\$ 11.41	114%	
22	Collection - Disconnect/Reconnect at pole - during regular hours	\$ 185.00	\$ 302.35	\$ 117.35	63%	Hydro One proposes this charge be increased to \$302.35 to allow recovery of underlying costs.
23	Collection - Disconnect/Reconnect at pole - after regular hours	\$ 415.00	\$ 800.97	\$ 385.97	93%	Hydro One proposes this charge be increased to \$800.97 to allow recovery of underlying costs.
24	Meter Dispute Charge - Measurement Canada	\$ 30.00	\$ 274.92	\$ 244.92	816%	Hydro One proposes this charge be increased to \$274.92 to allow recovery of underlying costs.
25	Service call - customer owned equipment - during regular hours	\$ 30.00	\$ 201.15	\$ 171.15	570%	Hydro One proposes this charge be increased to \$201.15 to allow recovery of underlying costs.
26	Service call - customer owned equipment - after regular hours	\$ 165.00	\$ 745.17	\$ 580.17	352%	Hydro One proposes this charge be increased to \$745.17 to allow recovery of underlying costs.
27	Temporary Service Install & Remove - overhead - no transformer	\$ 500.00	N/A	N/A	N/A	The tasks associated with these services can greatly vary depending on the circumstances. Hydro One proposes that the fee charged to the customers be based on actual time, equipment and material costs to perform each specific job.
28	Temporary Service Install & Remove - underground - no transformer	\$ 300.00	N/A	N/A	N/A	
29	Temporary Service Install & Remove - overhead - with transformer	\$ 1,000.00	N/A	N/A	N/A	

Miscellaneous Service Charges



Rate Code	Standard Name	Std. Amount, 2006 & Hydro One Current Charge	Underlying Cost, 2016	\$ change	% change	Proposed Fee Change for Each Specific Service
30	Specific Charge for Access to the Power Poles \$/pole/year	\$ 22.35	TBD	N/A	N/A	New proposed rates were not part of this time study. New rates will be calculated using the approved OEB methodology from EB-2015-0141.
31a	Vacant Premise - Move in with Reconnect of Electrical Service at Meter	NEW	\$ 93.09	NEW	NEW	This service is performed by Hydro One but has not been charged for in the past. Hydro One proposes the charge for performing this service be set at \$93.09 to allow recovery of the underlying costs.
31b	Vacant Premise - Move in with Reconnect of Electrical Service at Pole	NEW	\$ 286.09	NEW	NEW	This service is performed by Hydro One but has not been charged for in the past. Hydro One proposes the charge for performing this service be set at \$286.09 to allow recovery of the underlying costs.
32	Reconnect completed after hours (customer/contract driven) - at meter	NEW	\$ 231.66	NEW	NEW	This service is performed by Hydro One but has not been charged for in the past. Hydro One proposes the charge for performing this service be set at \$231.66 to allow recovery of the underlying costs.
33	Reconnect completed after hours (customer/contract driven) - at pole	NEW	\$ 453.72	NEW	NEW	This service is performed by Hydro One but has not been charged for in the past. Hydro One proposes the charge for performing this service be set at \$453.72 to allow recovery of the underlying costs.
34	Additional Service Layout Fee - Basic (more than one hour)	\$ 635.00	\$ 544.82	\$ (90.18)	-14%	Hydro One proposes that due to the similarity of these two services, the rate codes be combined and the charge increased to \$548.81 to allow recovery of underlying costs.
35	Additional Service Layout Fee - Complex (more than one hour)	\$ 845.00	\$ 553.06	\$ (291.94)	-35%	
36	Pipeline Crossings	\$ 2,540.00	\$ 2,295.10	\$ (244.90)	-10%	Hydro One proposes this charge be decreased to \$2,295.10 to avoid over collection of underlying costs.
37	Water Crossings	\$ 3,225.00	\$ 3,425.42	\$ 200.42	6%	Hydro One proposes this charge be increased to \$3,425.42 to allow recovery of underlying costs.
38	Railway Crossings	\$ 6,095.00	\$ 4,549.27	\$(1,545.73)	-25%	Hydro One proposes this charge be decreased to \$4,549.27 to avoid over collection of underlying costs.
39a	Overhead Line Staking per Meter	\$ 4.95	\$ 4.04	\$ (0.91)	-18%	The study identified the variation in costs per meter to perform line staking for overhead, underground and submarine cable. Hydro One therefore proposes each type of line staking should have its own unique charge representative of the actual underlying costs.
39b	Under Ground Line Staking per Meter	\$ 4.95	\$ 2.92	\$ (2.03)	-41%	
39c	Submarine Cable Line Staking per Meter	\$ 4.95	\$ 2.55	\$ (2.40)	-49%	

Miscellaneous Service Charges



Rate Code	Standard Name	Std. Amount, 2006 & Hydro One Current Charge	Underlying Cost, 2016	\$ change	% change	Proposed Fee Change for Each Specific Service
40	Central Metering - New Service <45kW	\$ 120.00	\$ 100.00	\$ (20.00)	-17%	Hydro One proposes this charge be decreased to \$100.00 to avoid over collection of underlying costs.
41	Conversion to Central Metering <45kW (Lines & MDET only)	\$ 1,035.00	\$ 1,495.00	\$ 459.81	44%	Hydro One proposes this charge be increased to \$1,495.00 to allow recovery of underlying costs.
42	Conversion to Central Metering >45kW (Lines & MDET only)	\$ 915.00	\$ 1,395.00	\$ 480.45	53%	Hydro One proposes this charge be increased to \$1,395.00 to allow recovery of underlying costs.
43	Tingle/Stray Voltage Investigation - excess of 4 hours, if customer equipment is defective	N/A	N/A	N/A	N/A	A charge for Tingle/Stray Voltage Investigation is no longer required.
44	Stand-by Administration Charge	N/A	N/A	N/A	N/A	Hydro One does not charge this fee.
45a	Connection Impact Assessments - Net Metering	\$ 5,620.00	\$ 3,051.48	\$ (2,568.52)	-46%	In review of the data collected in the performance of Connection Impact Assessments (“CIA”s), Hydro One has identified six different categories of CIAs. These six categories have unique underlying costs. Hydro One therefore proposes the underlying costs based on time, equipment and material for each type of CIA be charged to the customer for the performance of these services.
45b	Connection Impact Assessments - Embedded LDC Generators	\$ 5,620.00	\$ 2,727.78	\$ (2,892.22)	-51%	
45c	Connection Impact Assessments - Small Projects ≤ 500 kW	\$ 5,620.00	\$ 3,115.38	\$ (2,504.62)	-45%	
45d	Connection Impact Assessments - Small Projects ≤ 500 kW, Simplified	\$ 5,620.00	\$ 1,879.32	\$ (3,740.68)	-67%	
45e	Connection Impact Assessments - Greater than Capacity Allocation Exempt Projects - Capacity Allocation Required Projects	\$ 12,055.00	\$ 8,268.54	\$ (3,785.00)	-31%	
45f	Connection Impact Assessments - Greater than Capacity Allocation Exempt Projects - TS Review for LDC Capacity Allocation Required Projects	\$ 12,055.00	\$ 5,455.40	\$ (6,600.00)	-55%	

## 2.0 INTRODUCTION AND BACKGROUND

Miscellaneous Service Charges are an integral part of a distributor's approved schedule of rates. The revenue from these charges is taken into account in calculating total revenue requirement.

Hydro One's Distribution Rate filing (EB-2013-0416) proposed rates for miscellaneous services (Exhibit G2, Tab 5, Schedule 1) performed over and above the standard level of service as defined by the Distribution System Code. The costs of providing the standard level of service are recovered in an LDC's regular distribution rates. Miscellaneous services are provided at a customer's request or as the result of a customer's action or inaction and impose costs on the distributor.

The rates proposed by Hydro One in EB-2013-0416 for miscellaneous charges were as per the OEB's Distribution Rate Handbook (Section 11) which sets out the specific level of a charge or specific bases for the determination of a charge. Distributors can choose one of the following four approaches to define the level of charge to bill a customer:

- A standard amount as specified in Schedule 11-1 of the handbook;
- A standard formula, as specified in Schedule 11-2 of the handbook, with adjustments if the applicant elects to adjust the level determined by the standard formula. If adjusted, it must provide additional evidence of cost justification for the adjustments;
- A level determined on a basis other than the standard formula and evidence to justify the use of a non-standard formula;
- A distributor may also specify in its Conditions of Service that the specific service being provided will be charged on an actual cost, time and materials basis, or a pass-through of third party costs. On this basis, approval of the Board is not required, but the applicant must maintain records that demonstrate that the actual cost was charged to the customer.

The OEB's decision and direction in response to Hydro One's proposed Miscellaneous Charges Rates (EB-2013-0416 / EB-2014-0247, Exhibit G2, Tab 5, Schedule 1), dated March 12, 2015, is cited below.

*SIA [Sustainable Infrastructure Alliance] raised a concern that Hydro One's charges for miscellaneous services significantly under-recover the true cost of the services. SIA suggested that the charges should be updated to more closely reflect actual costs, which would offset some revenue to be collected from rates. While Hydro One agreed that the charges under-recover costs, the company submitted that the charges are consistent with the OEB's rate handbook, and that a review of the charges should be undertaken on a generic basis. The OEB has indicated that it will initiate a review of service charges in the distribution sector. However, as Hydro One has unique service characteristics, the OEB directs Hydro One to file, as part of its next rates application, a study assessing whether its service charges reflect Hydro One's underlying costs and to propose changes accordingly. Hydro One's study is to be informed by any available OEB guidance that results from the generic review.*

### **3.0 STUDY APPROACH**

The objective of the study was to assess whether the service fees charged by Hydro One recover the underlying costs for the services provided over and above the distributor's standard level of service due to a customer's request or as a result of customer's action or inaction. The costs must be covered by those customers to alleviate the current cross-subsidization by Hydro One's full customer base in rates. The underlying costs for each of these services may include direct labour hours and rates (including admin overheads), burden rate, fleet rates and material costs. Data was collected for these costs for each specific service.

### 3.1 Study Objectives

The objectives of this study as directed by the OEB are:

- To determine Hydro One's underlying costs for each miscellaneous service performed over and above the standard level of service in accordance with the Distribution System Code; and
- To propose changes to fees charged for the performance of miscellaneous services to allow recovery of the underlying costs of providing each service.

### 3.2 Key Study Steps

The key steps for performing the study are summarized below and described in the following subsections:

1. Establish a study working group
2. Identify scope of service charges to be included in the study
3. Identify the data required
4. Develop work forms and collect data
5. Guidance and review of study approach and methodology
6. Data compilation and initial data analysis
7. Preparation and review of preliminary draft and results
8. Preparation of evidence and schedules

### 3.3 Establishing a Study Working Group

The Study required commitment and participation by a number of organizations within the company such as Provincial Lines, Customer Care, Asset Management and Regulatory Affairs. A working group was established at the onset of the Study. The working group members represented their organizations in terms of reviewing and approving the methodology for the study and supporting and facilitating the data collection and reporting process. The collection of data required a significant level of effort for the affected lines of business and a commitment to both the methodology and data collection was a critical prerequisite to begin the study.

### **3.4 Identify Scope of Service Charges to be Included in the Study**

The first substantive step in the study process was to determine and finalize the scope by reviewing the service charges found in the 2006 Electricity Distribution Rate Handbook, specific services Hydro One included in the Miscellaneous Charges exhibit (Exhibit G2, Tab 5, Schedule 1) submitted in the last distribution rate application (EB-2013-0416) and any other miscellaneous services Hydro One currently provides. In cases where Hydro One provides the service, but does not currently charge for that service, the service became part of the study to determine the charge required for Hydro One to recover the costs of that service.

### **3.5 Identify the Data Required**

In order to determine Hydro One's underlying costs of performing miscellaneous services over and above the standard level of service, all factors contributing to these costs must be documented. These cost factors included:

- Discipline(s) involved in performing each service (e.g. position, quantity);
- Tasks performed by each discipline in delivering the service;
- Travel time;
- Hours required to perform the task;
- Pass-through charges incurred;
- Materials required to perform the service;
- Vehicle use required to perform the service (small versus large vehicle); and
- Financial rates (e.g. labour rates and burdens, fleet rates, etc.).

### **3.6 Develop Work Forms and Collect Data**

Data was captured and documented by those performing the service which involved multiple disciplines and individuals in different locations across the province. To facilitate the gathering of the study data in a consistent manner, work forms were provided to the disciplines to document their involvement, time and other related costs. The work form included the data requirements identified in Section 3.0 and any other pertinent factors that became apparent throughout the duration of the data collection segment of this study. Activities in this phase of the study included:

- Creating the necessary simple and easy to use tool that is “discipline” appropriate work sheets to collect all data attributes (e.g. discipline, materials, time);
- Creating the necessary guidelines for staff for collecting the data (i.e., collect labour data in 10 minute increments, collect vehicle use in 10 minute increments, collect materials data)
- Briefing the appropriate management and staff on the use and importance of the data and providing any necessary instructions (e.g. separation of vehicle time from labour time);
- Submitting data to single point of contact regularly (to identify any unforeseen issues early, ensure data is being accurately captured, and ensure instructions are being followed); and
- Keeping a master database of all labour (by discipline), vehicle use, and materials.

The work forms for the data collection during the time study can be found in Appendix A.

The study and work sheets were rolled out to Provincial Lines staff and Customer Care across the province at departmental meetings. Hydro One started the time study December 1, 2015 for all services performed excepting the Connection Impact Assessments (“CIA”s). The time study for the CIAs started February 2016.

Work sheets were returned from the Provincial Lines office and field staff to their supervisors to review and forward to a central repository for compilation in a common database. Customer Care data was collected at the Customer Call Centre (“CCC”). In some cases the computer programs used at the CCC were used to track the time allotted to specific services. As portions of these studies are performed by office staff and field staff, careful tracking and identification was required to ensure the full labour hours were calculated for each specific service.

### 3.7 Guidance and Review of Study Approach and Methodology

In the Hydro One Distribution Rate Decision (EB-2013-0416), the OEB states:

*The OEB has indicated that it will initiate a review of service charges in the distribution sector. However, as Hydro One has unique service characteristics, the OEB directs Hydro One to file, as part of its next rates application, a study assessing whether its service charges reflect Hydro One's underlying costs and to propose changes accordingly. Hydro One's study is to be informed by any available OEB guidance that results from the generic review.*

Hydro One used the approaches found in the OEB's 2006 Electricity Distribution Rate Handbook, Chapter 11 to define the level of the charge to bill the customer for each specific service.

Hydro One also sought guidance from Elenchus Research Associates Inc. ("Elenchus") for guidance and review of Hydro One's approach and methodology to ensure it would meet the study objectives and would be defensible in an OEB proceeding. Hydro One leveraged an existing Procurement Outline Agreement to secure the services of Elenchus as an external third party reviewer.

Elenchus reviewed the proposed study methodology and approach and met with Hydro One to offer guidance on November 4, 2015. Elenchus confirmed the validity of methodology and approach. Advice offered and considered in included:

- Even if Hydro One does not currently charge for the service, include it as part of the study;
- Use more precise inclusion of all costs underlying the specific service;
- Document the calculations used to determine the charges Hydro One is going to recommend;
- Treatment of pass-through charges; and
- Review the processes for the specific services and look for efficiencies to investigate moving forward.

### **3.8 Data Compilation and Initial Data Analysis**

A master database was populated so that filtering of specific data was used to:

- Identify those services that are delivered with a high degree of predictability;
- Identify those services with varying costs; and
- Identify the key driver(s) of the variability.

An interim review and analysis was done during the collection process to identify any issues, ensure data was being accurately captured, confirm instructions were being followed and identify causal factors for larger variances. The review identified adjustments or refinements to the data collection and reporting process.

### **3.9 Preparation and Review of Preliminary Draft and Results**

A preliminary report of study findings for each miscellaneous service was prepared using the Derivation of Standard Rates and Model for Deriving Distributor Specific Rate table found in the OEB's 2006 Electricity Distribution Rate Handbook, Chapter 11 summarized below.

#### **3.9.1 Standard Amount**

The 2006 Electricity Distribution Rate Handbook provides a set of standard amount charges for specific services to ensure consistency in the amount charged to customers by all distributors.

#### **3.9.2 Standard Formula**

The standard formula for calculating specific charges, considers labour, materials, and fleet vehicle used in performing the miscellaneous service. Hydro One adopted the same formula to determine the rate for other services provided over and above the standard level of service that do not appear in the 2006 Rate Handbook. Figure 1 is the cost calculations table used in this study. It is substantially the same as the table found as schedule 11-2, Specific Service Charges: Standard Formula and Amounts found on page 115 in the OEB 2006 Electricity Distribution Rate Handbook.

**Figure 1 - Standard Formula Calculations Table**

Underlying Cost Description For:					
X Specific Charge Name					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time				
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time				
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)				
Total Labour Cost					
O	Small Vehicle Time				
T	Large Vehicle Time				
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					
<b>Hydro One Underlying Cost and Proposed Charge</b>					\$ -
<b>Hydro One Current Charge</b>					\$ -

For services that include a wide variety of different tasks depending on the circumstances such as Service Call for Customer-Owned Equipment, there is a large variation costs, therefore Hydro One proposes that actual costs based on time, equipment and material should be charged to the customer in addition to the cost of the service call.

### 3.10 Preparation of Evidence and Schedules

The study report addresses requirements as outlined in the OEB 2006 Rate Handbook and as directed in the OEB Decision in the last Hydro One distribution rate application issued March 12, 2015. This included:

- costing of the steps required to perform each service to better illustrate the underlying costs;
- at least 40 hours per week where service is available at the standard price and specification of what these hours are;
- documentation of higher charges for services done outside of these regular hours when the customer requests “after regular hours” service. Emergencies related to safety or reliability will not be billed at the higher after regular hours rates;

- declaration that there is no cross-subsidy from ratepayers; and
- a proposal of changes and recommendations.

### **3.11 Study Assumptions**

The following assumptions were used to formulate the recommendations made by Hydro One regarding the appropriate charge to be levied for the provision of a specific service.

#### **3.11.1 Hours**

All services that are accomplished between the hours of 8:00 a.m. and 4:00 p.m., Monday to Friday inclusive, are considered to be completed during “regular hours”. Services considered to be performed “after regular hours” occur between the hours of 4:00 p.m. to 8:00 a.m. Emergencies related to safety or reliability will not be billed at the higher “after regular hours” rates regardless of when they occur. The underlying costs for specific services performed “after regular hours” must adhere to collective agreement overtime items that stipulate a minimum two hour call out for staff. Customers are advised of the additional costs of performing services after hours. If the customer still elects to have the service performed after hours, they are charged the higher fee to cover the costs.

#### **3.11.2 Underlying Costs**

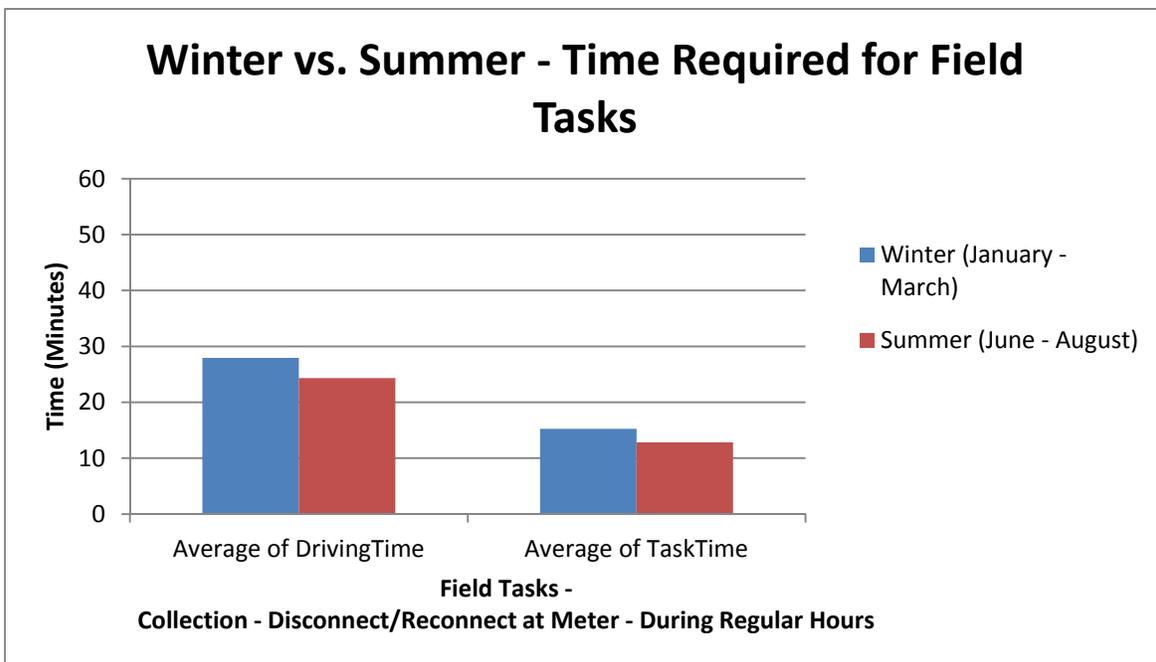
The tables illustrating the underlying costs for each service show the derivation of the specific service charge in accordance with the methodology found in the OEB’s 2006 Electricity Distribution Rate Handbook, Chapter 11, Schedule 11-2, issued May 11, 2005. The derivation of the underlying costs supports the specific service charge recommended by Hydro One. Hydro One has not rounded the cost values for each service.

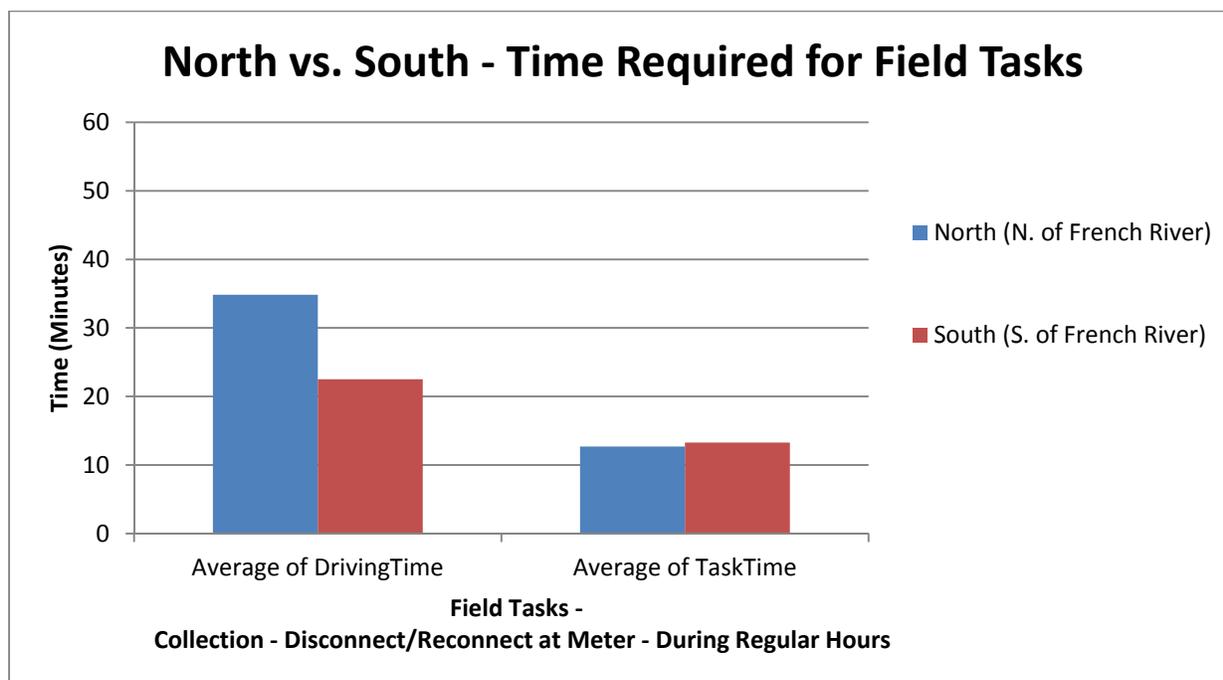
### 3.12 Study Observations

The Study showed that effort and costs associated with the delivery of some services was fairly consistent in some types of services such as statements of account, returned cheque and duplicate invoices. In other cases, there could be variability in delivering the service caused by factors such as work variability, differences in vehicle use, of customer density (rural vs. urban locations), or time of year the work was performed (summer vs. winter). It was therefore important that sample characteristics took this variability into account to ensure underlying costs were fully captured.

Hydro One did not identify any material variability due to causal factors such as seasonality as shown in Figure 1 or travel time according to geographical location in Figure 2. However it must be noted that the winter months in which this study was run were abnormally warm and calm winter months.

**Figure 1: Winter versus Summer**



**Figure 2: North versus South**

The underlying costs of services performed after regular hours are subject to the minimum call out requirements of the union collective agreements and additional driving time. When a service is performed after regular hours, an employee must drive from the headquartered station to site of the work and back to the station. For services performed during regular hours, driving time will be less as the scheduling of the tasks will leverage the bucketing of work throughout the day.

#### **4.0 HYDRO ONE RECOMMENDATIONS**

All recommendations for changes in the fees for specific services from Hydro One are based on the recovery of the underlying costs to provide that specific service. It should be noted that the OEB initiated their own Review of Miscellaneous Rates and Charges (EB-2015-0304) in November 2015.

In analyzing the data collected from the time study, Hydro One has identified specific service charges that will require a substantial increase in order to recover the underlying costs (e.g.

Meter Dispute Charge propose increase of 816%). In association with recommended fee changes, Hydro One recommends the following:

1. Hydro One acknowledges some recommendations are for a material service charge increase but does not recommend a phase in period. These fees are not relevant in the context of a typical customers' total bill and therefore a mitigation or phase in concept should not apply.
2. To be consistent with the OEB's incentive regulation regime, Hydro One recommends increases to the miscellaneous service charges be escalated on an annual basis using the time elements found in this study and applying the appropriate payroll burden and fleet burden rates.
3. Hydro One also recommends that a study to determine the underlying costs for miscellaneous services be performed every five years to ensure there is no over collection from customers nor cross subsidization to recover the costs of performing these services. In the rebasing of the fees every five years, a distributor will have an opportunity to implement efficiency initiatives to reduce underlying costs and pass these savings on to customers.

## 5.0 MISCELLANEOUS SERVICE CHARGES

The following sections include a brief overview of each specific service, a schedule showing the Derivation of Standard Rates and Modeling for Deriving Distributor Specific Rates and a recommendation regarding each service in the Study. Summary tables of the data collected during the Study to support the proposed changes in the fees for each specific service can be found in Appendix B.

### 5.1 Arrears Certificate – OEB Rate Code #1

Prior to 2005 and market restructuring, Ontario Hydro had the capacity to recover account defaults (unpaid final bill arrears) by property owners through the Municipal property tax roll under the Public Utilities Act. Market restructuring brought about the corporatization of the distribution sector and removed this tool to recover payment defaults. The former practice was to provide an "arrears certificate" to the purchaser's solicitor to advise of any registered hydro liens and a final bill estimate for a hold back of funds if required. This service is no longer offered.

Reference: Standard Supply Service Code and Distribution System Code.

### 5.2 Statement of Account – OEB Rate Code #2

Statements of account are used to satisfy customer requests for support documentation for income tax purposes and to satisfy requests for other billing information. Customer requests for statement of account information can be received via multiple communication channels (e.g. email via INET, fax, white mail, phone call). The process to satisfy customer requests for the following services is the same and therefore the volume of each type of request was not tracked individually:

- Statements of account – OEB Rate Code #2;
- Other billing information – OEB Code #5 and;
- Account History #9.

According to the Conditions of Service, billing information can be requested two times per year at no charge.

### 5.2.1 Process Steps

The high-level process steps to perform this service include:

1. Customer makes request through telephone, e-mail, fax.
2. Customer Service Representative (“CSR”) finds customer in system.
3. CSR runs query on selected date range.
4. CSR prints results of query.
5. CSR creates appropriate cover letter through system.
6. Letter and statement are sent.

### 5.2.2 Underlying Costs

Table 2 shows the derivation of the underlying costs of this specific service.

**Table 2: Derivation of the Underlying Costs for Statements of Account**

Underlying Cost Description For:					
2 Statement of account					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.11		\$ 8.10
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time				
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 4.81
Total Labour Cost					\$ 12.91
O	Small Vehicle Time				
T	Large Vehicle Time				
H	Other: Material (Postage)	0.80	1.00		\$ 0.80
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 0.80
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 13.71</b>
<b>Hydro One Current Charge</b>					<b>\$ 15.00</b>

### 5.2.3 Recommendation

Customers are advised that this service can be completed through Hydro One’s self-serve on-line system at no cost. Hydro One recommends the charge for this service should be \$13.71 to allow

recovery of underlying costs if the customer opts for the customer care agent to perform the service on their behalf.

### **5.3 Pulling Post-Dated Cheques – OEB Rate Code #3**

Hydro One tracks the details of post-dated cheques in the Billing / Payments Interaction Record. The Cashiering Department at Hydro One is not able to retrieve / pull post-dated cheques from the system. Therefore Hydro One does not perform this service. Instead, customers must issue a stop payment on the cheque(s).

### **5.4 Duplicate Invoices for Previous Billing – OEB Rate Code #4**

A customer will request a duplicate invoice to replace a lost or misplaced invoice or to satisfy the request for other billing information. Customer requests duplicate invoices for previous billing can be received via multiple communication channels (i.e. email via INET, fax, white mail, phone call). The process to satisfy customer requests for the following services is the same and therefore the volume of each type of request is not tracked individually:

- Duplicate invoices for previous billing – OEB Rate Code #4 and;
- Income tax letters – OEB Rate Code #7

According to the Conditions of Service, billing information can be requested two times per year at no charge.

#### **5.4.1 Process Steps**

The high-level steps to perform this service include:

1. Customer makes request through telephone, e-mail, fax.
2. CSR finds customer in system.
3. CSR runs query on selected date range.
4. CSR prints results of query.
5. CSR creates appropriate cover letter through system.
6. Letter and statement are sent.

### 5.4.2 Underlying Costs

Table 3 shows the derivation of the underlying costs of this specific service.

**Table 3: Derivation of the Underlying Costs for Duplicate Invoices**

Underlying Cost Description For:					
4 Duplicate invoices for previous billing					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.10		\$ 7.48
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time				
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 4.44
Total Labour Cost					\$ 11.92
O	Small Vehicle Time				
T	Large Vehicle Time				
H	Other: Material (Postage)	0.80	1.00		\$ 0.80
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 0.80
Hydro One Underlying Cost and Proposed Charge					\$ 12.72
Hydro One Current Charge					\$ 15

### 5.4.3 Recommendation

Customers are advised that this service can be completed through Hydro One's self-serve on-line system at no cost. Hydro One recommends the charge for this service should be \$12.72 to allow recovery of underlying costs if the customer opts for the customer care agent to perform the service on their behalf.

## 5.5 Request for Other Billing Information – OEB Rate Code #5

A customer may request other billing information for a variety of reasons. Customer requests can be received via multiple communication channels (i.e. email via INET, fax, white mail, phone call). The process to satisfy customer requests for the following services is the same and therefore the volume of each type of request is not tracked individually:

- Statements of account – OEB Rate Code #2;
- Other billing information – OEB Code #5 and;
- Account History #9.

According to the Conditions of Service, billing information can be requested two times per year at no charge.

### 5.5.1 Process Steps

The high-level steps involved to perform this service include:

1. Customer makes request through telephone, e-mail, fax.
2. CSR finds customer in system.
3. CSR runs query.
4. CSR prints results of query.
5. CSR creates appropriate cover letter through system.
6. Letter and statement are sent.

### 5.5.2 Underlying Costs

Table 4 shows the derivation of the underlying costs of this specific service.

**Table 4: Derivation of the Underlying Costs for Requests for Other Billing Information**

Underlying Cost Description For:					
5	Request for other billing information				
9	Account History				
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.11		\$ 8.10
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time				
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 4.81
Total Labour Cost					\$ 12.91
O	Small Vehicle Time				
T	Large Vehicle Time				
H	Other: Material (Postage)	0.80	1.00		\$ 0.80
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 0.80
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 13.71</b>
<b>Hydro One Current Charge</b>					<b>\$ 15</b>

### 5.5.3 Recommendation

Hydro One recommends the charge for this service should be \$13.71 to allow recovery of underlying costs of performing this service.

## 5.6 Easement Letters – OEB Rate Code #6

An easement or right-of-way is an agreement that confers on an individual, company or municipality the right to use a landowner's property in some way. While these agreements grant rights, they also have the effect of partially restricting an owner's use of the affected portions of land. The holder (beneficiary or grantee) of an easement or right-of-way holds certain rights regarding usage of the property described in the agreement. The holder's rights of use are described and restricted by the agreement. The landowner continues to own the land and has only given up defined rights on the portion of land used for the right-of-way or easement. The Hydro One Easement / Real Estate department deals with payments and issues related to new easement and unregistered easements only. Search for unregistered easements can be conducted on-line by a customer for a current fee of \$25 or by sending a letter of request to Hydro One with a legal description of the property in question.

### 5.6.1 Process Steps

The high-level steps to perform this service include:

1. Receive request via regular mail or courier and identify key information from letter received from customer (e.g. lot, concession, plan, etc.).
2. Follow up with Law division for incomplete or incorrect searches (90% of volume).
3. Search database for rights information.
4. Enter all information for letter of response to email to the requesting Law firm
5. If not enough information provided by the customer, call or e-mail customer for required information.
6. Manage payment received.

### 5.6.2 Underlying Costs

Table 5 shows the derivation of the underlying costs of performing this specific service.

**Table 5: Derivation of the Underlying Costs for Easement Letters**

Underlying Cost Description For:					
6 Easement letter					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.70		\$ 52.43
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time				
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 31.09
Total Labour Cost					\$ 83.52
O	Small Vehicle Time				
T	Large Vehicle Time				
H	Other: Material	0.80	1.00		\$ 0.80
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 0.80
Hydro One Underlying Cost and Proposed Charge					\$ 84.32
Hydro One Current Charge					\$ 15

### 5.6.3 Recommendation

Hydro One recommends the charge for the provision of an easement letter should be raised to \$84.32 to recover the underlying costs of performing this service.

## 5.7 Income Tax Letter – OEB Rate Code #7

An income tax letter is usually used to satisfy customer requests for support documentation for income tax purposes. Customer requests for income tax letters can be received via multiple communication channels (i.e. email via INET, fax, white mail, phone call). The process to satisfy customer requests for the following services is the same and therefore the volume of each type of request is not tracked individually:

- Duplicate invoices for previous billing – OEB Rate Code #4 and;
- Income tax letters – OEB Rate Code #7

### 5.7.1 Process Steps

The high-level steps to perform this service include:

1. Customer requests an income tax letter through telephone, e-mail, fax
2. CSR finds customer in system
3. CSR runs query on selected date range

4. CSR prints results of query
5. CSR creates appropriate cover letter through system
6. Letter and statement is sent

### 5.7.2 Underlying Costs

Table 6 shows the derivation of the underlying costs of this specific service.

**Table 6: Derivation of the Underlying Costs for Income Tax Letters**

Underlying Cost Description For:					
7 Income tax letter					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.10		\$ 7.48
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time				
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 4.44
Total Labour Cost					\$ 11.92
O	Small Vehicle Time				
T	Large Vehicle Time				
H	Other: Material	0.80	1.00		\$ 0.80
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 0.80
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 12.72</b>
<b>Hydro One Current Charge</b>					<b>\$ 15</b>

### 5.7.3 Recommendation

Hydro One recommends the charge for this service should be \$12.72 to allow recovery of underlying costs of performing this service.

## 5.8 Notification Charge – OEB Rate Code #8

Hydro One has no record of the meaning of this service and therefore has never charged for it.

## 5.9 Account History – OEB Rate Code #9

Customer requests for account history only occur when there has been a change in the Hydro One billing system. Account history for customers billed through the Retail Customer Information System until mid-1998 has been archived to Microfiche. Account history for

customers billed using the Customer Service System post mid-1998, is archived in the Heritage Data Library. Over time, the volume of requests for account history will decline.

The process to satisfy customer requests for the following services is the same and therefore the volume of each type of request is not tracked individually:

- Statements of account – OEB Rate Code #2;
- Other billing information – OEB Code #5 and;
- Account History #9.

### 5.9.1 Process Steps

The high-level steps to perform this service include:

1. Customer requests account history through telephone, e-mail, fax
2. CSR finds customer in system
3. CSR runs query on selected date range
4. CSR prints results of query
5. CSR creates cover letter
6. Letter and account history is sent

### 5.9.2 Underlying Costs

Table 7 shows the derivation of the underlying costs of performing this service.

**Table 7: Derivation of Underlying Costs for Account History**

Underlying Cost Description For:					
5 Request for other billing information					
9 Account History					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.11		\$ 8.10
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time				
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 4.81
Total Labour Cost					\$ 12.91
O	Small Vehicle Time				
T	Large Vehicle Time				
H	Other: Material (Postage)	0.80	1.00		\$ 0.80
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 0.80
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 13.71</b>
<b>Hydro One Current Charge</b>					<b>\$ 15</b>

### 5.9.3 Recommendation

Hydro One recommends the charge for this service should be \$13.71 to allow recovery of underlying costs of performing this service.

## 5.10 Credit Reference / Credit Check (plus credit agency costs) – OEB Rate Code #10

The fee for performing this specific service is charges when a customer requests a credit reference letter from Hydro One, to be used to show other utilities that they are a satisfactory credit risk. This may determine whether the customer's security deposit can be waived or not.

### 5.10.1 Process Steps

The high-level steps to perform this service include:

1. Receive request via e-mail, letter, or fax
2. Investigate request
3. Create credit reference letter
4. Submit either to printer (letter or fax) or INet Team (email)
5. Record that the credit letter has been sent

### 5.10.2 Underlying Costs

Table 8 shows the derivation of the underlying costs of this specific service.

**Table 8: Derivation of the Underlying Costs for Credit Reference or Credit Checks**

Underlying Cost Description For:					
10 Credit reference/credit check (plus credit agency costs)					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.16		\$ 11.83
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time				
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 7.01
Total Labour Cost					\$ 18.84
O	Small Vehicle Time				
T	Large Vehicle Time				
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ -
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 18.84</b>
<b>Hydro One Current Charge</b>					<b>\$ 15</b>

### **5.10.3 Recommendation**

Hydro One recommends the charge be raised to \$18.84 plus credit agency costs, to recover the underlying costs of performing this service. Credit agency costs can vary according to the specific agency therefore this is proposed to be a pass-through charge.

## **5.11 Returned Cheque Charge (plus Bank charges) – OEB Rate Code #11**

Through an outsourcing agreement, Hydro One uses a service provider to perform payment processing services such as cheque processing from receipt, to proof, to image capture and posting of standard cheques and payment instruments. All cheques returned by a financial institution, are sent to Hydro One on a daily basis.

### **5.11.1 Process Steps**

The high-level steps in performing this service include:

1. Sort bundle of returned cheques.
2. Reconcile the debit list and the Return File Sheet with the bank statement.
3. Investigate “unprocessable items” (returned from the bank)
4. Record manual entries as required.

### **5.11.2 Underlying Costs**

Note: Any bank fees incurred for returned cheques are billed directly to the customer by the bank. Table 9 shows the derivation of the underlying costs of this specific service.

**Table 9: Derivation of the Underlying Costs for Returned Cheques**

Underlying Cost Description For:					
11 Returned cheque charge					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.06		\$ 4.36
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time				
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 2.58
Total Labour Cost					\$ 6.94
O	Small Vehicle Time				
T	Large Vehicle Time				
H	Other: Material				
E	Other: Contract				
R	Other: Other (Feed Through Bank Fees)	-	0.00		\$ -
Total Other Cost					\$ -
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 6.94</b>
<b>Hydro One Current Charge</b>					<b>\$ 15</b>

### 5.11.3 Recommendation

Hydro One recommends the charge for “Returned Cheques” be decreased to \$6.94.

### 5.12 Charge to Certify Cheque – OEB Rate Code #12

Hydro One does not perform this service. No historical process documentation or reporting was found.

### 5.13 Legal Letter Charge – OEB Rate Code #13

Legal letters are processed for many reasons and may include the requirement for Law to do research into the matter. Hydro One proposes that actual costs, based on time, equipment and materials, be charged for the performance of this service. This service was not included in this study.

### 5.14 Account Set Up Charge / Change of Occupancy – OEB Rate Code #14

This process is triggered by a Customer / Landlord request for a Start / Transfer Contract via phone, fax or e-mail. This occurs when a customer is opening a new electricity account or moving from one Hydro One property to another. Hydro One’s work instruction regarding the

start and or transfer of a contract, identifies multiple scenarios for conducting these tasks such as transferring a contract, changing a contract and starting a new contract for vacant premise. Customer requests can be received from multiple communication channels (i.e. email via INET, fax, white mail, phone call, or web self-serve). Customers are encouraged to contact the collection agencies directly to settle any outstanding final billed arrears. If a customer decides to pay their final billed arrears directly to Hydro One, the payment does get reported to the collection agency.

### 5.14.1 Process Steps

In general, the following steps are followed:

1. Set up customer information in the Customer Information System (“CIS”) such as name, address, phone number.
2. Setting appropriate special designations such as aggressive dog, vital service, meter location.
3. Populate other information such as start and end date, billing class, payment method, preauthorized payment, equal billing.

### 5.14.2 Underlying Costs

Table 10 shows the derivation of the underlying costs of this specific service.

**Table 10: Derivation of the Underlying Costs for Account Set Up Charges**

Underlying Cost Description For:					
14 Account set up charge/change of occupancy charge (plus credit agency costs if applicable)					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.30		\$ 22.10
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time				
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 13.10
Total Labour Cost					\$ 35.20
O	Small Vehicle Time				
T	Large Vehicle Time				
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ -
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 35.20</b>
<b>Hydro One Current Charge</b>					<b>\$ 30</b>

### 5.14.3 Recommendation

Hydro One recommends increasing this charge to \$35.20 plus credit agency costs, to recover the underlying costs of performing this service. Credit agency costs can vary according the specific agency therefore this is proposed to be a pass-through charge.

## 5.15 Special Meter Reads – OEB Rate Code #15

This charge is applied when a Retailer requests an enrollment / drop prior to the next scheduled read. Sections 10.5.1 and 10.5.3 to 10.5.5 of the Retail Settlements Code state:

*a service transfer from one retailer to another, including a transfer from or to a Standard Supply Service provider, shall only take effect on the date of an actual meter read. Despite the requested service transfer set out in an Service Transaction Request (STR), a distributor may specify in its Service Agreement with a competitive retailer a number of days prior to any next scheduled meter read where, if a distributor receives an STR requesting a change in service provider less than the number of days specified in the Service Agreement before the next scheduled meter read, the distributor is not obligated to change service provider until the scheduled meter read following the next scheduled meter read.*

### 5.15.1 Underlying Costs

Table 11 shows the derivation of the underlying costs of this specific service.

**Table 11: Derivation of the Underlying Costs for Special Meter Reads**

Underlying Cost Description For:					
15 Special Meter Reads (retailer requested off-cycle read)					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.11		\$ 8.03
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time	57.12	0.75		\$ 42.99
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 30.26
Total Labour Cost					\$ 81.28
O	Small Vehicle Time	10.00	0.75		\$ 7.53
T	Large Vehicle Time				
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 7.53
Hydro One Underlying Cost and Proposed Charge					\$ 88.80
Hydro One Current Charge					\$ 30

### 5.15.2 Recommendation

Hydro One recommends the charge for special meter reads should be increased to \$88.80 to recover the costs of performing this service.

## 5.16 Collection of Account Charge – No Disconnect during regular hours – OEB Rate Code #16

This service covers the field collection activities due to customer non-payment of bill. The work is initiated by a notification / order. If on arrival at the customer's site, the customer pays the outstanding balance, no disconnect will occur, however this charge will still apply.

### 5.16.1 Underlying Costs

Table 12 shows the derivation of the underlying costs of this specific service.

**Table 12: Derivation of the Underlying Costs for Collection of Account Charge – No Disconnect during regular hours**

Underlying Cost Description For:					
16 Collection of account charge - no disconnection during regular hours					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.25		\$ 18.34
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time	57.12	0.66		\$ 37.58
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 33.16
Total Labour Cost					\$ 89.07
O	Small Vehicle Time	10.00	0.66		\$ 6.58
T	Large Vehicle Time				
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 6.58
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 95.65</b>
<b>Hydro One Current Charge</b>					<b>\$ 30</b>

### 5.16.2 Recommendation

Hydro One recommends the charge for the collection of an account with no disconnection should be increased to \$95.65 to recover the underlying costs.

### **5.17 Collection of Account Charge – No Disconnect after regular hours – OEB Rate Code #17**

Hydro One does not perform collection tasks after regular hours. The cost of overtime to perform this service after regular hours would add to the underlying costs and may add further hardship to a customer.

### **5.18 Collection - Disconnect / Reconnect at Meter –OEB Rate Code #18 and Install / Remove Load Control Device – OEB Rate Codes #19 – during Regular Hours**

When a customer has not paid their electricity bill for an extensive period of time, an Electricity Disconnection Notice is issued. If payment is still not received a disconnection or the installation of a load limiter is performed. These activities are performed in accordance with Subsection 31(1) of the *Electricity Act, 1998* which provides that:

*A distributor may shut off the distribution of electricity to a property if any amount payable by a person for the distribution or retail of electricity to the property pursuant to Section 29 is overdue.*

During the time study to determine the underlying costs of the collection activities resulting in a disconnection / reconnection at the meter or the installation / removal of a load control device, it was identified that the tasks associated with these two services are very similar and are provided by the same staffing positions. Rate code #18 and #19 services are performed during regular hours.

#### **5.18.1 Underlying Costs**

The following tables illustrate the underlying costs of these services.

#### Collection – Disconnect / Reconnect at the Meter during Regular Hours – OEB Code #18

Table 13 shows the derivation of the underlying costs of a collection activity resulting in a disconnection / reconnection at the meter during regular business hours.

**Table 13: Derivation of the Underlying Costs for Disconnect / Reconnect at a Meter during Regular Hours**

Underlying Cost Description For:					
18 Collection - Disconnect/Reconnect at meter - during regular hours					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.43		\$ 32.05
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time	57.12	0.62		\$ 35.45
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 40.03
Total Labour Cost					\$ 107.53
O	Small Vehicle Time	10.00	0.62		\$ 6.21
T	Large Vehicle Time				
H	Other: Material	0.80	1.00		\$ 0.80
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 7.01
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 114.54</b>
<b>Hydro One Current Charge</b>					<b>\$ 65</b>

Collection - Install / Remove Load Control Device during Regular Hours – OEB Code #19

Table 14 shows the derivation of the underlying costs of a collection activity resulting in the installation and removal of a load control device during regular hours.

**Table 14: Derivation of the Underlying Costs for the Installation / Removal of a Load Control Device during Regular Hours**

Underlying Cost Description For:					
19 Collection - Install/Remove load control device - during regular hours					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.43		\$ 32.05
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time	57.12	0.66		\$ 37.96
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 41.52
Total Labour Cost					\$ 111.53
O	Small Vehicle Time	10.00	0.66		\$ 6.65
T	Large Vehicle Time				
H	Other: Material	0.84	1.00		\$ 0.84
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 7.48
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 119.02</b>
<b>Hydro One Current Charge</b>					<b>\$ 65</b>

Combined Costs of Collection - Disconnect / Reconnect at the Meter or Installation / Removal of a Load Control Device during Regular Hours

Due to the similarities of these two services, Hydro One proposes that these two services when performed during regular hours be combined under one rate code. Table 15 combines the underlying time and costs associated with these services.

**Table 15: Derivation of the Underlying Costs for the Combined Collection Activities of Disconnect / Reconnect at the Meter or Installation / Removal of a Load Control Device during Regular Hours**

Underlying Cost Description For:					
18	Collection - Disconnect/Reconnect at meter - during regular hours				
19	Collection - Install/Remove load control device - during regular hours				
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.43		\$ 32.05
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time	57.12	0.62		\$ 35.51
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 40.07
Total Labour Cost					\$ 107.63
O	Small Vehicle Time	10.00	0.62		\$ 6.22
T	Large Vehicle Time				
H	Other: Material	0.80	1.00		\$ 0.80
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 7.02
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 114.65</b>
<b>Hydro One Current Charge</b>					<b>\$ 65</b>

### 5.18.2 Recommendation

Hydro One recommends the charge for collection activities resulting in a disconnection / reconnection at the meter or an installation or removal of a load control device during regular hours be combined into one rate code and should be increased to \$114.65 to recover the underlying costs of providing this service.

### **5.19 Collection - Disconnect / Reconnect at Meter –OEB Rate Code #20 and Install / Remove Load Control Device – OEB Rate Codes #21 – after Regular Hours**

When a customer has not paid their electricity bill for more than 45 days, an Electricity Disconnection Notice is issued. If payment is still not received a disconnection or the installation of a load limiter is performed. These activities are performed in accordance with Subsection 31(1) of the *Electricity Act, 1998* which provides that:

*A distributor may shut off the distribution of electricity to a property if any amount payable by a person for the distribution or retail of electricity to the property pursuant to Section 29 is overdue.*

During the time study to determine the underlying costs of the collection activities resulting in a disconnection / reconnection at the meter or the installation / removal of a load control device, it was identified that the tasks associated with these two services are very similar and are provided by the same staffing positions. Rate code #20 and #21 services are performed after regular hours at the request of the customer.

#### **5.19.1 Underlying Costs**

The following tables illustrate the underlying costs of these services.

#### Collection - Disconnect / Reconnect at the Meter after Regular Hours – OEB Code #20

Table 16 shows the derivation of the underlying costs of collection activities that result in disconnection / reconnection at the meter after regular hours.

**Table 16: Derivation of the Underlying Costs for a Disconnection / Reconnection at the Meter after Regular Hours**

Underlying Cost Description For:					
20 Collection - Disconnect/Reconnect at meter - after regular hours					
Collective agreement stipulates a minimum 2.0 hour call out for Overtime					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.43		\$ 32.05
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time				
O	Direct Labour (field staff) Overtime	74.07	2.05	1.40	\$ 212.62
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 145.09
Total Labour Cost					\$ 389.76
O	Small Vehicle Time	10.00	2.05		\$ 20.50
T	Large Vehicle Time				
H	Other: Material	0.80	1.00		\$ 0.80
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 21.31
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 411.07</b>
<b>Hydro One Current Charge</b>					<b>\$ 185</b>

Collection - Install / Remove Load Control Device after Regular Hours – OEB Code #21

Table 17 shows the derivation of the underlying costs of an installation / removal of a load control device after regular hours.

**Table 17: Derivation of the Underlying Costs for the Installation / Removal of a Load Control Device after Regular Hours**

Underlying Cost Description For:					
21 Collection - Install/Remove load control device - after regular hours					
Collective agreement stipulates a minimum 2.0 hour call out for Overtime					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.43		\$ 32.05
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time				
O	Direct Labour (field staff) Overtime	74.07	2.00	1.40	\$ 207.40
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 141.99
Total Labour Cost					\$ 381.44
O	Small Vehicle Time	10.00	1.42		\$ 14.17
T	Large Vehicle Time				
H	Other: Material	0.80	1.00		\$ 0.80
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 14.97
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 396.41</b>
<b>Hydro One Current Charge</b>					<b>\$ 185</b>

Combined Costs of Collection - Disconnect / Reconnect at the Meter or Installation / Removal of a Load Control Device after Regular Hours

Due to the similarities of these two services, Hydro One proposes that these two services when performed after regular hours be combined under one rate code. Table 18 combines the underlying time and costs associated with these services.

**Table 18: Derivation of the Combined Underlying Costs for the Disconnect / Reconnect at the Meter or Installation / Removal of a Load Control Device after Regular Hours**

Underlying Cost Description For:					
20	Collection - Disconnect/Reconnect at meter - after regular hours				
21	Collection - Install/Remove load control device - after regular hours				
	After hours requires more travel time, whereas during regular hours, tech would bucket work				
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.43		\$ 32.05
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time				
O	Direct Labour (field staff) Overtime	74.07	2.02	1.40	\$ 209.88
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 143.47
	Total Labour Cost				\$ 385.40
O	Small Vehicle Time	10.00	2.02		\$ 20.24
T	Large Vehicle Time				
H	Other: Material	0.80	1.00		\$ 0.80
E	Other: Contract				
R	Other: Other				
	Total Other Cost				\$ 21.04
	<b>Hydro One Underlying Cost and Proposed Charge</b>				<b>\$ 406.45</b>
	<b>Hydro One Current Charge</b>				<b>\$ 185</b>

### 5.19.2 Recommendation

Hydro One recommends the charge for collection activities resulting in a disconnection / reconnection at the meter or an installation or removal of a load control device after regular hours be combined into one rate code and should be increased to \$406.45 to recover the underlying costs.

### 5.20 Collection - Disconnect / Reconnect at Pole –Rate Codes #22 and #23

When a customer has not paid their electricity bill for more than 45 days, an Electricity Disconnection Notice is issued. If payment is still not received a disconnection is performed. At times, a disconnection cannot be performed at the meter due to type of the meter or the meter is not accessible (e.g. located inside a locked building), therefore disconnection must be performed

at the pole. These activities are performed in accordance with Subsection 31(1) of the *Electricity Act, 1998* which provides that:

*A distributor may shut off the distribution of electricity to a property if any amount payable by a person for the distribution or retail of electricity to the property pursuant to Section 29 is overdue.*

### 5.20.1 Underlying Costs

Table 19 shows the derivation of the underlying costs of this specific service during regular hours.

**Table 19: Derivation of the Underlying Costs for the Collection including a Disconnection / Reconnection at the Pole during Regular Hours**

Underlying Cost Description For:					
22 Collection - Disconnect/Reconnect at pole - during regular hours					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.43		\$ 32.05
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time	74.07	1.72		\$ 127.06
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 94.35
Total Labour Cost					\$ 253.47
O	Small Vehicle Time				
T	Large Vehicle Time	57.00	0.86		\$ 48.89
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 48.89
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 302.35</b>
<b>Hydro One Current Charge</b>					<b>\$ 185</b>

Table 20 shows the derivation of the underlying costs of this specific service when performed after regular hours.

**Table 20: Derivation of the Underlying Costs for the Collection including a Disconnection / Reconnection at the Pole after Regular Hours**

Underlying Cost Description For:					
23 Collection - Disconnect/Reconnect at pole - after regular hours					
Collective agreement stipulates a minimum 2.0 hour call out for Overtime					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.43		\$ 32.05
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time				
O	Direct Labour (field staff) Overtime	74.07	4.00	1.40	\$ 414.79
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 264.98
Total Labour Cost					\$ 711.82
O	Small Vehicle Time				
T	Large Vehicle Time	57.00	1.56		\$ 89.15
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 89.15
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 800.97</b>
<b>Hydro One Current Charge</b>					<b>\$ 415</b>

### 5.20.2 Recommendation

Hydro One recommends the charge for performing a collection with a disconnection or reconnection at the pole during regular hours should be increased to \$302.35 and after regular hours be increased to \$800.97 to recover the underlying costs of providing these services.

## 5.21 Meter Dispute Charge (plus Measurement Canada fees if meter found correct)

A meter dispute check is initiated by a customer when there is a concern regarding the accuracy of their meter. It is performed in cooperation with Measurement Canada.

### 5.21.1 Underlying Costs

Table 21 shows the derivation of the underlying costs of performing a meter dispute check.

**Table 21: Derivation of the Underlying Costs for Meter Dispute Charge involving Measurement Canada**

Underlying Cost Description For:					
24 Meter Dispute Charge - Measurement Canada					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.68		\$ 51.16
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time	79.10	1.42		\$ 112.50
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 97.05
Total Labour Cost					\$ 260.70
O	Small Vehicle Time	10.00	1.42		\$ 14.22
T	Large Vehicle Time				
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 14.22
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 274.92</b>
<b>Hydro One Current Charge</b>					<b>\$ 30</b>

**5.21.2 Recommendation**

Hydro One recommends the charge to settle a meter dispute in cooperation with Measurement Canada, should be increased to \$274.92 to recover the underlying costs of providing this service. This fee will only be charged when the test is performed and the meter is found to be operating correctly.

**5.22 Service Call – Customer-owned equipment– OEB Rate Codes #25 and #26**

When a Hydro One crew is dispatched due to a customer complaint of a power issue and upon arrival at site, it is identified that the cause of the issue is related to the customer-owned equipment, if capable or practical, Hydro One crews will perform the service at the request and for the benefit of the customer. The proposed fees for these rate codes cover the service call portion which includes the administration and travel costs only. The fees do not cover any work associated with work on the customer-owned equipment.

**5.22.1 Underlying Costs**

The following tables illustrate the underlying costs of performing these services.

Service Call during Regular Hours

Table 22 shows the derivation of the underlying costs of a service call for customer-owned equipment during regular hours.

**Table 22: Derivation of the Underlying Costs for a Service Call for Customer-Owned Equipment during Regular Hours**

Underlying Cost Description For:					
25 Service call - customer owned equipment - during regular hours					
*Specific Service Charge Value does not include the cost associated with the actual task time, for Field Staff; HONI will bill actual cost to customer					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.08		\$ 6.23
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time	74.07	1.31		\$ 96.69
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 61.03
Total Labour Cost					\$ 163.95
O	Small Vehicle Time				
T	Large Vehicle Time	57.00	0.65		\$ 37.20
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 37.20
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 201.15</b>
<b>Hydro One Current Charge</b>					<b>\$ 30</b>

Service Call after Regular Hours

Table 23 shows the derivation of the underlying costs of a service call for customer-owned equipment after regular hours.

**Table 23: Derivation of the Underlying Costs for a Service Call for Customer-Owned Equipment after Regular Hours**

Underlying Cost Description For:					
26 Service call - customer owned equipment - after regular hours					
*Specific Service Charge Value does not include the cost associated with the actual task time, for Field Staff; HONI will bill actual cost to customer					
Collective agreement stipulates a minimum 2.0 hour call out for Overtime					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.08		\$ 6.23
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time				
O	Direct Labour (field staff) Overtime	74.07	4.00	1.40	\$ 414.79
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 249.66
Total Labour Cost					\$ 670.68
O	Small Vehicle Time				
T	Large Vehicle Time	57.00	1.31		\$ 74.49
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 74.49
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 745.17</b>
<b>Hydro One Current Charge</b>					<b>\$ 165</b>

### **5.22.2 Recommendation**

Hydro One recommends the charge for a service call on customer-owned equipment during regular hours should be \$201.15 and the charge for a service call on customer-owned equipment after regular hours at the customer's request should be \$745.17. Customers are advised of the additional charge for work performed after hours when they make the request. The service call charge recovers the cost of the office tasks and travel time. This charge is applied whether Hydro One crews work on the customer-owned equipment or not. The customer will be additionally charged for actual costs for performing any work on their equipment.

## **5.23 Temporary Service Install and Remove –OEB Rate Codes #27, #28 and #29**

Customer requests for the installation and removal of a temporary service can greatly vary in the amount of work required and each job will have its own unique working conditions. At the customer's request, a temporary service is connected. When the Customer is ready to a) cancel the temporary service or b) transfer to the conductor and meter to the new permanent service, Hydro One will return to perform the relocation.

### **5.23.1 Recommendation**

To avoid cross-subsidization or over collection, Hydro One proposes that the fee for these specific services be derived on the actual costs of each individual job.

## **5.24 Specific Charge for Access to the Power Poles – Telecom Only – OEB Rate Code #30**

New proposed rates were not part of this time study. New rates will be calculated using the approved OEB methodology found in the Decision and Rate Order for the *Motion to Review and Vary Decision EB-2013-01416/EB-2014-0247 approving Distribution Rates and Charges for Hydro One Networks Inc. for 2015-2017*, proceeding EB-2015-0141, dated August 4, 2016.

## 5.25 Vacant Premise Reconnect at Meter and at Pole – Hydro One Codes #31a and #31b

A Vacant Premise occurs when an existing customer cancels their account with Hydro One and the meter is left active when the existing customer's contract ends. When this occurs, if the new home owner, or landlord, does not call Hydro One to have the account for that premise moved into their name, Hydro One attempts to contact the premise owner by mail or letter delivered to the premise. If the owner of the premise does not contact Hydro One after the notices are given, Hydro One disconnects the service at the meter or pole, as the service is no longer associated with a customer.

When the new premise address owner or landlord, contacts Hydro One to have an account set up in their name for the now disconnected service, Hydro One goes to the premise to perform a reconnect at the meter or pole. The reconnect service fee is recovered from the new premise address owner.

### 5.25.1 Underlying Costs

Tables 24 and 25 show the derivation of the underlying costs of these specific services.

**Table 24: Derivation of the Underlying Costs for a Vacant Premise Notice – Move in with Reconnect of Electrical Service at Meter during Regular Hours**

Underlying Cost Description For:					
31a Vacant Premise - Move in with Reconnect of Electrical Service at Meter					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.29		\$ 21.84
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time	57.12	0.57		\$ 32.52
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 32.24
Total Labour Cost					\$ 86.60
O	Small Vehicle Time	10.00	0.57		\$ 5.69
T	Large Vehicle Time				
H	Other: Material	0.80	1.00		\$ 0.80
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 6.50
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 93.09</b>
<b>Hydro One Current Charge</b>					<b>N/A</b>

**Table 25: Derivation of the Underlying Costs for a Vacant Premise Notice – Move in with Reconnect of Electrical Service at Pole during Regular Hours**

Underlying Cost Description For:					
31b Vacant Premise - Move in with Reconnect of Electrical Service at Pole					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.29		\$ 21.84
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time	74.07	1.72		\$ 127.06
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 88.30
Total Labour Cost					\$ 237.20
O	Small Vehicle Time				
T	Large Vehicle Time	57.00	0.86		\$ 48.89
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 48.89
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 286.09</b>
<b>Hydro One Current Charge</b>					<b>N/A</b>

### 5.25.2 Recommendation

Hydro One recommends the charge for a reconnect at the meter be \$93.09 and the charge for a reconnect at the pole be \$286.09 to recover the underlying costs of performing these services.

## 5.26 Reconnect completed after regular hours (customer / contract driven) - at the meter or at the pole – Hydro One Codes #32 and #33

All customers are responsible for maintaining their own equipment; therefore, Hydro One provides one yearly (calendar year January to December) Service Disconnection and Re-Connection (isolation and restoration) during regular business hours for customer maintenance purposes. There is a charge for a reconnection at the meter or pole performed after hours when the service is not ready to reconnect during regular hours due to the customer or contractor. The charge is only the difference between the charge for the service performed during regular hours and the charge for the service performed after regular hours.

### 5.26.1 Underlying Costs

Tables 26 and 27 illustrate the underlying costs of performing these services.

**Table 26: Derivation of the Underlying Costs for a Reconnect completed after hours (customer/contract driven) - at the meter**

Underlying Cost Description For:					
32 Reconnect completed after hours (customer/contract driven) - at meter					
*Credit to the customer equal to the value of a regular hours cut-in (Code 18) - 1 free disconnect per year					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.58		\$ 43.25
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time				
O	Direct Labour (field staff) Overtime	74.07	1.83	1.20	\$ 162.66
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 122.10
Total Labour Cost					\$ 328.01
O	Small Vehicle Time	10.00	1.83		\$ 18.30
T	Large Vehicle Time				
H	Other: Material				
E	Other: Contract				
R	Other: Other, Credit Code 18 & 19 (blended)				\$ (114.65)
Total Other Cost					\$ (96.35)
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 231.66</b>
<b>Hydro One Current Charge</b>					<b>N/A</b>

**Table 27: Derivation of the Underlying Costs for a Reconnect completed after hours (customer/contract driven) - at the pole**

Underlying Cost Description For:					
33 Reconnect completed after hours (customer/contract driven) - at pole					
*Credit to the customer equal to the value of a regular hours cut-in (Code 22) - 1 free disconnect per year					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.58		\$ 43.25
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time				
O	Direct Labour (field staff) Overtime	74.07	4.04	1.20	\$ 359.09
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 238.59
Total Labour Cost					\$ 640.93
O	Small Vehicle Time				
T	Large Vehicle Time	57.00	2.02		\$ 115.14
H	Other: Material				
E	Other: Contract				
R	Other: Other, Credit Code 22*				\$ (302.35)
Total Other Cost					\$ (187.21)
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 453.72</b>
<b>Hydro One Current Charge</b>					<b>N/A</b>

### 5.26.2 Recommendations

Hydro One recommends the charge for a customer or contractor-driven reconnection at the meter after regular hours should be set at \$231.66 to recover the underlying costs of providing this service.

Hydro One recommends the charge for a customer or contractor-driven reconnection at the pole after regular hours should be set at \$453.72 to recover the underlying costs of providing this service.

These recommended charges include the refund as shown in the tables under “Other: Other, Credit Code\*22”.

### **5.27 Additional Service Layout Fee - Basic (more than one hour) – Hydro One Codes #34 and #35**

When a customer determines that their distribution service requirement has changed, Hydro One will determine the work required to modify the existing service layout to meet the customer’s new needs. A basic service layout in the past has involved a new single phase service. A complex additional service layout was for a three phase service. An additional service layout is a flat fee charged for services provided in excess of one hour.

During the time study to determine the underlying costs of the additional service layout, it was identified that the tasks associated with these two services, basic and complex, are very similar and are provided by the same staffing positions.

#### **5.27.1 Underlying Costs**

The following tables illustrate the underlying costs of performing these services.

#### Additional Service Layout - Basic

Table 28 shows the derivation of the underlying costs of a basic additional service layout.

**Table 28: Derivation of the Underlying Costs for an Additional Basic Service Layout**

Underlying Cost Description For:					
34 Additional Service Layout Fee - Basic (more than one hour)					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.64		\$ 47.59
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time	79.10	3.58		\$ 282.92
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 195.99
Total Labour Cost					\$ 526.51
O	Small Vehicle Time	10.00	1.83		\$ 18.31
T	Large Vehicle Time				
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 18.31
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 544.82</b>
<b>Hydro One Current Charge</b>					<b>\$ 635</b>

Additional Service Layout - Complex

Table 29 shows the derivation of the underlying costs of a complex additional service layout.

**Table 29: Derivation of the Underlying Costs for an Additional Complex Service Layout**

Underlying Cost Description For:					
35 Additional Service Layout Fee - Complex (more than one hour)					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.64		\$ 47.59
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time	79.10	3.68		\$ 291.13
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 200.86
Total Labour Cost					\$ 539.59
O	Small Vehicle Time	10.00	1.35		\$ 13.47
T	Large Vehicle Time				
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 13.47
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 553.06</b>
<b>Hydro One Current Charge</b>					<b>\$ 845</b>

Due to the similarities of these two services, Hydro One proposes that basic and complex additional service layouts be combined under one rate code. Table 30 combines the underlying time and costs associated with these services.

**Table 30: Derivation of the Underlying Costs for an Additional Service Layout – Basic and Complex Combined**

Underlying Cost Description For:					
34	Additional Service Layout Fee - Basic (more than one hour)				
35	Additional Service Layout Fee - Complex (more than one hour)				
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.64		\$ 47.59
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time	79.10	3.62		\$ 286.06
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 197.86
Total Labour Cost					\$ 531.52
O	Small Vehicle Time	10.00	1.73		\$ 17.30
T	Large Vehicle Time				
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 17.30
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 548.81</b>
<b>Hydro One Current Charge</b>					<b>N/A</b>

### 5.27.2 Recommendation

Hydro One recommends the fees for additional service layouts; basic and complex, be charged under one rate code at \$548.81 (in excess of one hour) to recover the underlying costs of providing this service.

## 5.28 Pipeline Crossings – Hydro One #36

Permission is required from the pipeline company before installing new wires (overhead or underground), crossing pipeline Right of Way (“ROW”), or installing poles, anchors, or other equipment on a pipeline ROW. To generate the drawings, a great deal of information such as pipe depth, diameter, ROW width, and position of the line within their ROW must be collected at the site with a pipeline representative. The pipeline representative will provide what steps are required to be taken, as well as suggestions for the best possible design. The fee Hydro One charges to the customer includes creation of the drawing, signing of the agreement, review of standards, obligations and conditions.

### 5.28.1 Underlying Costs

Table 31 shows the derivation of the underlying costs of this specific service.

**Table 31: Derivation of the Underlying Costs for Pipeline Crossings**

Underlying Cost Description For:					
36 Pipeline Crossings					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	1.00		\$ 74.70
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time	79.10	16.00		\$ 1,265.60
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 794.80
Total Labour Cost					\$ 2,135.10
O	Small Vehicle Time	10.00	16.00		\$ 160.00
T	Large Vehicle Time				
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 160.00
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 2,295.10</b>
<b>Hydro One Current Charge</b>					<b>\$ 2,540</b>

### 5.28.2 Recommendation

Hydro One proposes a reduction in the charge for pipeline crossings to \$2,295.10 to avoid over recovery of the performance of this service.

## 5.29 Water Crossings – Hydro One Code #37

Water Crossing fees are only charged when approval is being requested to cross the Rideau Canal, Trent Severn Waterway or Transport Canada. Under emergency conditions, work may proceed but due diligence is required to prevent damage to fish habitat resulting in fines. Under normal circumstances, Hydro One staff will perform a self-assessment for Transport Canada (“TC”) and the Department of Fisheries and Oceans (“DFO”). The results of the self-assessment will dictate further interactions between Hydro One and the DFO and TC in regards to new applications, special permits, guidance to prevent damage to fish habitat and will outline any concerns with the proposed work and if any timing restrictions apply (e.g. fish spawning season).

### 5.29.1 Underlying Costs

Table 32 shows the derivation of the underlying costs of this specific service.

**Table 32: Derivation of the Underlying Costs for Water Crossings**

Underlying Cost Description For:					
37 Water Crossings					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	1.55		\$ 115.79
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time	79.10	22.75		\$ 1,799.53
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 1,135.78
Total Labour Cost					\$ 3,051.09
O	Small Vehicle Time	10.00	22.75		\$ 227.50
T	Large Vehicle Time				
H	Other: Material				
E	Other: Contract				
R	Other: Other, Utility Boat	25.00	5.87		\$ 146.83
Total Other Cost					\$ 374.33
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 3,425.42</b>
<b>Hydro One Current Charge</b>					<b>\$ 3,225</b>

### 5.29.2 Recommendation

Hydro One recommends the charge for this specific service should be increased to \$3,425.42 to allow recovery of the underlying costs of performing this service.

## 5.30 Railway Crossings – Hydro One Code #38

A new agreement is required from a railway authority before installing new wire across railway tracks / ROW or reconfiguring or modifying existing crossings of railway tracks / ROW. There are also additional fees incurred from the railway authority application plus the actual railway agreement and flagging fees which must be collected from the customer. Examples of pass-through charges are found in Table 33.

**Table 33: Examples of Pass-Through Charges from Railway Companies**

**Feed through Charges for Railway Crossings**

<b>CPR - Non-Parallel Fees</b>				
	<b>Application Review Fee</b>	<b>One-Time Permit / Agreement Fee</b>	<b>Express Fees</b>	<b>Total Fee</b>
Utility Crossing Permits - Over / Under RR tracks - Within Municipal RD Allowance	\$400.00	\$575.00		\$975.00 + HST
Utility Crossing Agreement - Over / Under Tracks Within CP owned Right of Way	\$400.00	\$1,700.00		\$2,100.00 + HST
Express Application - Utility Crossing Permit	\$400.00	\$575.00	\$1,200.00	\$2,175.00 +HST
Express Application - Utility Crossing Agreement	\$400.00	\$1,700.00	\$1,200.00	\$3,300.00 + HST
Fast Track Application - Utility Crossing Permit	\$400.00	\$575.00	\$2,000.00	2975 + HST
Fast Track Application - Utility Crossing Agreement	\$400.00	\$1,700.00	\$2,000.00	\$4,100.00 + HST
Railroad / title / property search	\$400.00			\$400.00 + HST
Utility Searches and / or copies of agreement / permits	\$200.00 / each			\$200.00 + HST
Revised permit / agreement Drawings	\$400.00			\$400.00 + HST
Additional Review Fees	\$400.00			\$400.00 + HST
Geotechnical Review - in addition to above fees	\$550.00			\$550.00 + HST
CP Flagman	\$1,500 / Day			Actual cost
<b>Trillium Railway Company</b>				
Xing Fees	\$840.00	\$350.00		\$1,190.00 + HST
Additional Review Fees - for each review after the initial	\$105.00 + HST			
Flagging Fees - Minimum 8 hours	\$800.00 / Day			\$250.00 + HST
Cable Locate Fees	\$250.00			Actual

<b>Canadian National</b>		
Application Review Fee	\$950.00 + HST	
Additional Review Fees - for each review after the initial	\$159.00 + HST	
Flagging Fees - Minimum 8 hours	\$187.00 / hour	
Cable Locate Fees – Minimum 6 hours	\$187.00 / hour	

### 5.30.1 Underlying Costs

Table 34 shows the derivation of the underlying costs of this specific service.

**Table 34: Derivation of the Underlying Costs for Railway Crossings**

Underlying Cost Description For:					
38 Railway Crossings					
*Applicable fees to be Feed-Through Charges					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	1.55		\$ 115.79
A	Direct Labour (inside staff) Straight Time	97.93	4.00		\$ 391.72
B	Direct Labour (field staff) Straight Time	79.10	15.77		\$ 1,247.41
O	Direct Labour (inside staff) Straight Time	83.49	12.00		\$ 1,001.88
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 1,634.78
Total Labour Cost					\$ 4,391.57
O	Small Vehicle Time	10.00	15.77		\$ 157.70
T	Large Vehicle Time				
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 157.70
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 4,549.27</b>
<b>Hydro One Current Charge</b>					<b>\$ 6,095</b>

### 5.30.2 Recommendation

Hydro One recommends the charge for this specific service should be decreased to \$4,549.27 plus any pass-through charges incurred by Hydro One from the railway company in the performance of this service.

### 5.31 Line Staking per Meter – Hydro One Codes #39a, 39b and 39c

For Hydro One to bring electrical service to a customer’s property, an expansion from the existing distribution line to the customer’s property may have to be designed and built. Hydro One will perform the staking of the line route according to the type of line to be built: overhead, underground or submarine cable. Based on the 2006 Rate Handbook, all line staking was charged at a common fee. The results of the study have identified that the underlying cost varies according to the type of line to be built. Hydro One therefore proposes that the line staking per meter service be divided into three categories. Each of the three categories: overhead line, underground line and submarine cable.

#### 5.31.1 Underlying Costs of Overhead Line Staking per Meter

Table 35 shows the derivation of the underlying costs of this specific service.

**Table 35: Derivation of the Underlying Costs for Overhead Line Staking (per meter)**

Underlying Cost Description For:					
39a Overhead Line Staking per Meter					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.0010		\$ 0.07
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time	79.10	0.0301		\$ 2.38
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 1.46
Total Labour Cost					\$ 3.91
O	Small Vehicle Time	10.00	0.0108		\$ 0.11
T	Large Vehicle Time				
H	Other: Material	0.03	1.0000		\$ 0.03
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 0.13
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 4.04</b>
<b>Hydro One Current Charge</b>					<b>\$ 4.95</b>

#### 5.31.1.1 Recommendation

Hydro One recommends the charge for this specific service should be decreased to \$4.04 per meter to avoid over collection of the underlying costs of performing this service.

### 5.31.2 Underlying Costs Underground Line Staking per Meter

Table 36 shows the derivation of the underlying costs of this specific service.

**Table 36: Derivation of the Underlying Costs for Under Ground Staking (per meter)**

Underlying Cost Description For:					
39b Underground Line Staking per Meter					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.0012		\$ 0.09
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time	79.10	0.0212		\$ 1.68
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 1.05
Total Labour Cost					\$ 2.82
O	Small Vehicle Time	10.00	0.0100		\$ 0.10
T	Large Vehicle Time				
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 0.10
Hydro One Underlying Cost and Proposed Charge					\$ 2.92
Hydro One Current Charge					\$ 4.95

#### 5.31.2.1 Recommendation

Hydro One recommends the charge for this specific service should be decreased to \$2.92 per meter to avoid over collection of the underlying costs of performing this service.

### 5.31.3 Underlying Costs for Submarine Cable Line Staking per Meter

Table 37 shows the derivation of the underlying costs of this specific service.

**Table 37: Derivation of the Underlying Costs for Submarine Cable Line Staking (per meter)**

Underlying Cost Description For:					
39c Submarine Cable Line Staking per Meter					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.0007		\$ 0.05
A	Direct Labour (inside staff) Overtime				
B	Direct Labour (field staff) Straight Time	79.10	0.0192		\$ 1.52
O	Direct Labour (field staff) Overtime				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 0.93
Total Labour Cost					\$ 2.51
O	Small Vehicle Time	10.00	0.0042		\$ 0.04
T	Large Vehicle Time				
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 0.04
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 2.55</b>
<b>Hydro One Current Charge</b>					<b>\$ 4.95</b>

**5.31.3.1 Recommendation**

Hydro One recommends the charge for this specific service should be decreased to \$2.55 per meter to avoid over collection of the underlying costs of performing this service.

**5.32 Central Metering - New Service <45kW - Hydro One Code #40**

When a new customer opts for central metering (“CM”) to avoid having to pay for a large and expensive service located in one building to supply several separate buildings on one property, or to reduce having a meter on each building, a CM service may be installed on a customer-owned pole. A maximum of four service connections can be connected at the Central Metered location. When the load supplied by the central metering service is less than 45 kW, the load does not justify the higher metering costs resulting from the use of instrument transformers, therefore the customer must pay to cover the instrument transformer costs.

**5.32.1 Recommendation**

Hydro One proposes the cost for this service remain at \$100.00 to recover the cost of the instrument transformer. There are no other charges associated with this service.

### 5.33 Conversion to Central Metering <45kW (Lines & MDET only) – Hydro One Code #41

Customers who request a conversion of conventional metering to CM require a new service layout, a change in their account, the removal of existing meters and equipment and installation of new equipment. This involves site visits for the layout, equipment modifications, and administrative work. If the installation is to supply a load of less than 45 kW, the customer is charged for the associated labour plus the incremental cost of the instrument transformers.

#### 5.33.1 Underlying Costs

Table 38 shows the derivation of the underlying costs of this specific service.

**Table 38: Derivation of the Underlying Costs for Conversion to Central Metering <45kW**

Underlying Cost Description For:					
41 Conversion to Central Metering <45kW (Lines & MDET only)					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.26		\$ 19.73
A	Direct Labour (inside staff) Straight Time	74.07	6.06		\$ 448.67
B	Direct Labour (field staff) Straight Time	79.10	3.50		\$ 276.85
O	Direct Labour (field staff) Straight Time				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 441.93
Total Labour Cost					\$ 1,187.17
O	Small Vehicle Time	10.00	3.50		\$ 35.00
T	Large Vehicle Time	57.00	3.03		\$ 172.63
H	Other: Material	100.00	1.00		\$ 100.00
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 307.63
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 1,495</b>
<b>Hydro One Current Charge</b>					<b>\$ 1,035</b>

#### 5.33.2 Recommendation

Hydro One recommends the charge for this specific service should be increased to \$1,495.00 to recover the underlying costs of performing this service.

### 5.34 Conversion to Central Metering >45kW (Lines & MDET only) – Hydro One Code #42

Customers who request a conversion of conventional metering to CM require a new service layout, a change in their account, the removal of existing meters and equipment and installation of new equipment. This involves site visits for the layout, equipment modifications, and administrative work. Loads in excess of 45 kW, justify the costs for the required instrument transformer therefore, only the labour costs associated with performing this service are charged to the customer.

#### 5.34.1 Underlying Costs

Table 39 shows the derivation of the underlying costs of this specific service.

**Table 39: Derivation of the Underlying Costs for Conversion to Central Metering >45kW**

Underlying Cost Description For:					
42 Conversion to Central Metering >45kW (Lines & MDET only)					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.27		\$ 20.13
A	Direct Labour (inside staff) Straight Time	74.07	6.06		\$ 448.67
B	Direct Labour (field staff) Straight Time	79.10	3.50		\$ 276.85
O	Direct Labour (field staff) Straight Time				
U	Other Labour (Specify)				
R	Payroll Burden (%)	59.30%			\$ 442.17
Total Labour Cost					\$ 1,187.82
O	Small Vehicle Time	10.00	3.50		\$ 35.00
T	Large Vehicle Time	57.00	3.03		\$ 172.63
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 207.63
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 1,395</b>
<b>Hydro One Current Charge</b>					<b>\$ 915</b>

#### 5.34.2 Recommendation

Hydro One recommends the charge for this specific service should be increased to \$1,395.00 to recover the underlying costs of performing this service.

### **5.35 Tingle / Stray Voltage Investigation - excess of 4 hours (per hour-average 2 additional hours)**

From the normal delivery and use of electricity, a small voltage may exist between two conductive surfaces that can be simultaneously contacted by an animal. Examples of the conductive surfaces include concrete floors, metal stabling, milk pipelines, and water bowls. This voltage, commonly referred to as, "animal contact voltage", "stray voltage", or "tingle voltage". This voltage usually presents no harm. However, if the voltage level is high enough, it may affect livestock behavior and health. Since 2009, the Distribution System Code (Section 4.7 & Appendix H) requires all Ontario Distribution Utilities to complete Stray Voltage Investigations on livestock farms customers by a competent person.

#### **5.35.1 Recommendation**

Hydro One staff responds to Farm Stray Voltage requests and completes these tests following the procedures as set out in the Distribution System Code (Section 4.7 & Appendix H). In the procedure, Hydro One works in partnership with the customer to mitigate any harmful farm stray voltage at animal contact locations. Hydro One will also work with the customer if the stray voltage measurement of the distribution system is below the thresholds, and the customer elects to install an Isolator on the service. Hydro One considers this service as part of the standard level of service in accordance with the DSC. Therefore, it is recommended that the current approved charge for Tingle/Stray Voltage Investigation be removed from the list of Hydro One miscellaneous service charges.

### **5.36 Stand-by Administration Charge – Hydro One Code #44**

Hydro One has no records that this charge has ever been applied to Hydro One customers. A stand-by administration charge only covers the administration-related costs and not the cost of having distribution facilities in place to deliver stand-by power. Therefore, this charge was not part of this Study.

### **5.37 Connection Impact Assessments - Hydro One Codes #45a, 45b, 45c, 45d, 45e and 45f**

Renewable generation development and the subsequent connection process involve a number of stages, including technical assessments. Hydro One assesses the technical impact of the renewable generation connection to its distribution system through a Connection Impact Assessment (“CIA”). A CIA is a more detailed assessment of a project's impact to the distribution system. The results include a technical report outlining project feasibility, technical specifications needed for the project and the impacts the project would have on the distribution grid and any of its customers, in accordance with Section 6.2.14 of the DSC.

The CIA ensures the safety, reliability, and efficiency of the Hydro One’s distribution system. In accordance with Section 6.2.11 of the DSC, Hydro One requires the proponent who applies for the connection of a generation facility to its distribution system to, upon making the application, pay their impact assessment costs.

#### **5.37.1 Process Steps**

CIA's can have many steps and will use various resources depending on the characteristics of the project. Different work sheets were created to capture the labour resources and time for each task required.

Form D1a was used to track task time by the Hydro One customer-facing group who receives the initial request for a connection impact assessment from the customer. A package is assembled to include all the pertinent forms required. The information is uploaded into the CIA project tracking system and a unique project identification number is assigned. This identification number is used to track the progress of the CIA throughout the process.

Form D2 was used by the Hydro One technical group that perform a preliminary review of the request to determine project location details, station loading, capacity checks, equipment information, etc. This review determines if all the required information has been received and if system capacity is available to allow the connection of the distributed generation project.

Forms D3A, D3B and D3C were used to track task time associated with the modeling and evaluation of the distributed generation project. Modeling of the project includes validation of the feeder conditions (e.g. loading, feeder length, conductor size, impedance) to simulate the actual distribution system conditions. The technical evaluation includes but is not limited to steady state and short circuit analysis, voltage impact and regulation, power factor tolerance, generator and feeder protection systems, thermal limits and requirements for compliance with standards. After finalizing the project simulation results, a CIA report, evaluation form, planning specifications and a class-C estimate are prepared. A review of the completed forms is done to confirm it is appropriate for the project to connect to the distribution system.

A special study may then be required to calculate the source impedance values by modeling all upstream sources connected to the transmission system. A simulation under a short circuit study will determine the impact of the Distributed Generation (“DG”) project on three phase line to line and line to ground faults.

Form D4 was used to track time associated with a site assessment. The site assessment is conducted to determine the requirements for the customer’s tapped line for connection to the Hydro One distribution system. This information is included in the class C estimate.

Form D1b is used by the customer facing group to compile and update the project information in the customer relationship management system and communicates the findings to the customer requesting the CIA.

In analyzing the data collected to perform CIAs, Hydro One has identified six different categories of CIAs. These six categories have unique underlying costs determined by the parameters of the project.

#### **5.37.2 Underlying Costs of Connection Impact Assessments – Net Metering – Hydro Code #45a**

A net metering generator, as defined in section 7(1) of the Net Metering Regulation (O. Reg. 541 / 05), generates electricity primarily for its own use from a renewable generation facility. Net

metering involves the measurement of the quantity of electricity a generator uses against the quantity of electricity it generates resulting in a net total. Net metering projects include those which have a capacity greater than 10 kW but is less than or equal to 500 kW that wishes to connect to Hydro One's distribution system.

Table 40 shows the derivation of the underlying costs of connection impact assessments for net metering.

**Table 40: Derivation of the Underlying Costs for Connection Impact Assessments  
Net Metering**

Underlying Cost Description For:					
45a Connection Impact Assessments - Net Metering					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.87		\$ 64.81
A	Direct Labour (inside staff) Straight Time	109.85	1.83		\$ 201.39
B	Direct Labour (inside staff) Straight Time	83.49	14.25		\$ 1,189.73
O	Direct Labour (field staff) Straight Time	79.10	4.08		\$ 322.35
U	Other Labour (inside staff) Straight Time	97.93	0.16		\$ 16.09
	Other Labour (inside staff) Straight Time	109.85	1.00		\$ 109.85
R	Payroll Burden (%)	59.30%			\$ 1,129.20
Total Labour Cost					\$ 3,033.43
O	Small Vehicle Time	10.00	1.81		\$ 18.05
T	Large Vehicle Time				\$ -
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 18.05
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 3,051.48</b>
<b>Hydro One Current Charge</b>					<b>\$ 5,620</b>

### 5.37.2.1 Recommendation

Hydro One recommends the fee for CIAs for net metering be decreased to \$3,051.00 to avoid over collection of the associated underlying costs.

### 5.37.3 Connection Impact Assessments - Embedded LDC Generators - Hydro One Code #45b

This category covers CIAs for Capacity Allocation Exempt ("CAE") sized DG projects including load displacement and energy storage facilities proposed for connection to the distribution system of an embedded LDC. This type of CIA is completed by Hydro One at the request of downstream LDC for the connection of a CAE-sized project to a Hydro One shared feeder.

As per the DSC, a “CAE small embedded generation facility” is an embedded generation facility that has a name-plate rated capacity of 250 kW or less in the case of a facility connected to a less than 15 kV line and 500 kW or less in the case of a facility connected to a 15 kV or greater line and is not a micro-embedded generation facility.

Table 41 shows the derivation of the underlying costs for connection impact assessments for embedded LDC generators.

**Table 41: Derivation of the Underlying Costs for Connection Impact Assessments – Embedded LDC Generators**

Underlying Cost Description For:					
45b Connection Impact Assessments - Embedded LDC Generators					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.87		\$ 64.81
A	Direct Labour (inside staff) Straight Time	97.93	10.66		\$ 1,044.35
B	Direct Labour (inside staff) Straight Time	83.49	1.58		\$ 132.19
O	Direct Labour (field staff) Straight Time	79.10	2.50		\$ 197.90
U	Other Labour (inside staff) Straight Time	109.85	1.25		\$ 137.31
	Other Labour field staff) Straight Time	79.10	1.57		\$ 124.45
R	Payroll Burden (%)	59.30%			\$ 1,008.70
Total Labour Cost					\$ 2,709.72
O	Small Vehicle Time	10.00	1.81		\$ 18.05
T	Large Vehicle Time				\$ -
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 18.05
Hydro One Underlying Cost and Proposed Charge					\$ 2,727.78
Hydro One Current Charge					\$ 5,620

### 5.37.3.1 Recommendation

Hydro One recommends the fee for connection impacts assessments for embedded LDC generators be decreased to \$2,727.78 to avoid over collection of the associated underlying costs.

### 5.37.4 Connection Impact Assessments - Small Projects < 500 kW - Hydro One Code #45c

This category covers CIAs completed for CAE-sized DG projects including load displacement and energy storage facilities proposed for connection to Hydro One distribution system. This type of CIA is completed by Hydro One at the request of an applicant when no LDC is involved.

Table 42 shows the derivation of the underlying costs for connection impact assessments for small projects less than 500 kW.

**Table 42: Derivation of the Underlying Costs for Connection Impact Assessments – Small Projects <500kW**

Underlying Cost Description For:					
45c Connection Impact Assessments - Small Projects < 500 kW					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.87		\$ 64.81
A	Direct Labour (inside staff) Straight Time	97.93	2.81		\$ 275.54
B	Direct Labour (inside staff) Straight Time	83.49	10.85		\$ 905.67
O	Direct Labour (field staff) Straight Time	79.10	4.08		\$ 322.35
U	Other Labour (inside staff) Straight Time	109.85	3.42		\$ 375.95
	Other Labour (field staff) Straight Time				
R	Payroll Burden (%)	59.30%			\$ 1,152.99
Total Labour Cost					\$ 3,097.32
O	Small Vehicle Time	10.00	1.81		\$ 18.05
T	Large Vehicle Time				\$ -
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 18.05
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 3,115.38</b>
<b>Hydro One Current Charge</b>					<b>\$ 5,620</b>

#### 5.37.4.1 Recommendation

Hydro One recommends the fee for connection impacts assessments for small projects less than 500 kW be decreased to \$3,115.38 to avoid over collection of the associated underlying costs.

### 5.37.5 Connection Impact Assessments - Small Projects < 500 kW, Simplified – Hydro One Code #45d

The following CAE-sized, 3-phase projects are eligible for a simplified CIA based on size of the generator and its connecting voltage:

- 10 kW < DG project ≤ 30 kW if connecting to < 15 kV
- 10 kW < DG project ≤ 100 kW if connecting to ≥ 15 kV

The size of the 3-phase project under each category is small enough that the impact on the system is not significant. Hence, the DG applicant receives a simplified CIA along with the class-C estimate. Single phase projects are not eligible for the simplified CIA.

Table 43 shows the derivation of the underlying costs for connection impact assessments for small projects less than 500 kW, simplified.

**Table 43: Derivation of the Underlying Costs for Connection Impact Assessments – Small Projects <500kW Simplified**

Underlying Cost Description For:					
45d Connection Impact Assessments - Small Projects ≤ 500 kW, Simplified					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.87		\$ 64.81
A	Direct Labour (inside staff) Straight Time	97.93	0.91		\$ 89.53
B	Direct Labour (inside staff) Straight Time	83.49	3.63		\$ 302.65
O	Direct Labour (field staff) Straight Time	79.10	4.08		\$ 322.35
U	Other Labour (inside staff) Straight Time	109.85	3.54		\$ 389.05
	Other Labour field staff) Straight Time				
R	Payroll Burden (%)	59.30%			\$ 692.86
Total Labour Cost					\$ 1,861.26
O	Small Vehicle Time	10.00	1.81		\$ 18.05
T	Large Vehicle Time				\$ -
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					\$ 18.05
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 1,879.32</b>
<b>Hydro One Current Charge</b>					<b>\$ 5,620</b>

#### 5.37.5.1 Recommendation

Hydro One recommends the fee for connection impacts assessments for small projects less than 500 kW, simplified, be decreased to \$1,879.32 to avoid over collection of the associated underlying costs.

### 5.37.6 Connection Impact Assessments – Greater than Capacity Allocation Exempt Projects – Capacity Allocation Required Projects – Hydro One Code #45e

The category covers the Capacity Allocation Required (“CAR”) CIAs for all DG projects including net metering, load displacement and energy storage facilities which are greater than CAE size; the projects greater than 250 kW if connecting to less than 15 kV and greater than 500 kW if connecting to greater or equal to 15 kV.

Table 44 shows the derivation of the underlying costs for this type of connection impact assessment.

**Table 44: Derivation of the Underlying Costs for Connection Impact Assessments – Greater than Capacity Allocation Exempt Projects – Capacity Allocation Required Projects**

Used For:					
45e Connection Impact Assessments - Greater than Capacity Allocation Exempt Projects - Capacity Allocation Required Projects					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.62		\$ 46.14
A	Direct Labour (inside staff) Straight Time	97.93	11.10		\$ 1,087.02
B	Direct Labour (inside staff) Straight Time	63.40	28.71		\$ 1,820.11
O	Direct Labour (field staff) Straight Time	109.85	20.37		\$ 2,237.28
U	Other Labour (inside staff) Straight Time				
R	Payroll Burden (%)	59.30%			\$ 3,077.99
Total Labour Cost					\$ 8,268.54
O	Small Vehicle Time				
T	Large Vehicle Time				
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 8,268.54</b>
<b>Hydro One Current Charge</b>					<b>\$ 12,055</b>

#### 5.37.6.1 Recommendation

Hydro One recommends the fee for connection impacts assessments for Greater than Capacity Allocation Exempt Projects – Capacity Allocation Required Projects be decreased to \$8,268.54 to avoid over collection of the associated underlying costs.

### 5.37.7 Connection Impact Assessments – Capacity Allocation Exempt Projects - TS Review for Embedded LDC Allocation Required Projects – Hydro One Code #45f

The Transformer Station (“TS”) review CIAs are completed for all DG projects greater than 500 kW including load displacement and energy storage facilities connecting to LDC dedicated feeders. The TS review CIAs are performed to determine if any upgrades are required at an upstream TS in order to facilitate connection of the DG projects to distribution system. Changes in the feeder protection schemes such as transfer trip, low set block signal, and distributed generator end open signal are evaluated to ensure adequate protection of the equipment in the event of a contingency on the system.

Table 45 shows the derivation of the underlying costs for this category of connection impact assessments.

**Table 45: Derivation of the Underlying Costs for Connection Impact Assessments – Transformer Station Review for Embedded LDC Generators, Capacity Allocation Requests**

Underlying Cost Description For:					
45f Connection Impact Assessments - Greater than Capacity Allocation Exempt Projects - TS Review for LDC Capacity Allocation Required Projects					
		Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time	74.70	0.62		\$ 46.14
A	Direct Labour (inside staff) Straight Time	97.93	14.90		\$ 1,458.95
B	Direct Labour (inside staff) Straight Time	63.40	10.44		\$ 661.74
O	Direct Labour (field staff) Straight Time	109.85	11.45		\$ 1,257.78
U	Other Labour (inside staff) Straight Time				
R	Payroll Burden (%)	59.30%			\$ 2,030.79
Total Labour Cost					\$ 5,455.40
O	Small Vehicle Time				
T	Large Vehicle Time				
H	Other: Material				
E	Other: Contract				
R	Other: Other				
Total Other Cost					
<b>Hydro One Underlying Cost and Proposed Charge</b>					<b>\$ 5,455.40</b>
<b>Hydro One Current Charge</b>					<b>\$ 12,055</b>

**5.37.7.1 Recommendation**

Hydro One recommends the fee for connection impacts assessments for Greater than Capacity Allocation Exempt Projects – TS Review for LDC Capacity Allocation Required Projects be decreased to \$5,455.40 to avoid over collection of the associated underlying costs.

# Appendix A

## Time Study Data Work Sheets

Figure A-1: Miscellaneous Costs Time Study - Form A

2006 OEB Rate Hand Book Code - Miscellaneous Costs Time Study						FORM A	
Collections Activities to be studied on Tuesday and Thursdays (circle code)				All of these activities to be studied every time they are worked (circle code)			
OEB Rate Hand Book Code	Standard Name			OEB Rate Hand Book Code	Standard Name		
16	Collection of account charge - no disconnection			15	Special Meter Reads (retailer requested off-cycle read)		
17	Collection of account charge - no disconnection - after regular hours			24	Meter dispute charge - Measurement Canada		
18	Collection - Disconnect/Reconnect at meter - during regular hours			25	Trouble call - customer owned equipment regular hours (SKF 008)		
19	Collection - Install / Remove load control device - during regular hours			26	Trouble call - customer owned equipment after hours (SKF 008)		
20	Collection - Disconnect / Reconnect at meter - after regular hours			27	Temporary Service Charge - second trip to relocate to permanent service		
21	Collection - Install / Remove load control device - after regular hours			32	Reconnect completed after hours (customer/contractor driven)		
22	Collection - Disconnect/Reconnect at pole - during regular hours			K	Conversion to Central Metering <45 KW (Lines and MDE T only)		
23	Collection - Disconnect/Reconnect at pole - after regular hours			L	Conversion to Central Metering >45 KW (Lines and MDE T only)		
31	Vacant Premise Notice - Drop off Letter / Full Disconnect (circle one)			M	Tingle/Stray Voltage Test - excess of 4 hours		
ZONE 6		OPS Center					
Date:		When was work done?		Circle applicable time below REG / OT2 / OT3			
Address:				Notification #:			
Resource	Resource Type	Driving Time to get to site (MINUTES)	Total Time (MINUTES) to Perform Task at site	Material Used (meter Seal, meter ring, etc)	Type(s) of Vehicle Used (RBD, Bucket, half ton, MHAD)	Type(s) of Specialized TWE (skidoo, Argo, Boat,	Description of any other charges incurred (i.e water
Resource 1							
Resource 2							
Resource 3							
Resource 4							
Notes: (Please add any notes here that is out of the ordinary. i.e. reason for delay. - car accident, construction, road closure etc)							
RETURN COMPLETED FORM TO THE TECH FLM FOR THE APPROPRIATE OPERATION CENTER.							
ZONE NUMBER		TECH FLM NAME			OPERATION CENTERS THEY ARE ACCOUNTABLE FOR		

**Figure A-2: Miscellaneous Costs Time Study - Form B**

2006 OEB Rate Hand Book Code - Miscellaneous Costs Time Study							FORM B					
All of these activities to be studied every time they are worked (circle correct OEB Rate Hand Code)												
OEB Rate Hand Book Code	Standard Name											
D	Additional Service Layout Fee - Basic (more than one hour)											
E	Additional Service Layout Fee - Complex (more than one hour)											
OEB Rate Hand Book Code	Line Staking to be Design and Staking Only (DOES NOT INCLUDE LABOUR FOR, EASEMENTS, JOINT USE SITE VISITS, MUNICIPAL CONSENTS OR CROSSINGS) - circle type											
I	OH Line Staking per Meter	TOTAL LENGTH OF EXPANSION TO BE STAKED:						meters				
I	UG Line Staking per Meter	NUMBER OF NEW POLES TO BE INSTALLED:										
I	SUB CABLE Line Staking per Meter	NUMBER OF ANCHORS BEING INSTALLED:										
OEB Rate Hand Book Code	All Crossings (Water, Railway, Pipeline) -circle correct OEB Rate Hand Code				OEB Rate Hand Book Code	All Crossings (Water, Railway, Pipeline) -circle correct OEB Rate Hand Code						
F	Pipeline Crossings				H	Railway Crossings						
G	Water Crossings											
ZONE 6		DPS Cente										
Circle applicable time below												
Date:	When was work done?			REG			/		OT2		/	OT3
Address:					Notification #:							
Resource Type	Driving Time (to get to site to collect data)	Total Time (MINUTES) to Perform field	Office Time to prepare and submit the Application	Material Used (stakes, paint, surveyor tape, flags)	Type(s) of Vehicle Used (half ton or	Type(s) of Specialized T/E (skidoo, Argo, Boat, offroad, helicopter, etc)	Any other charges incurred (i.e. water taxi, boat launch	Application Permit Fees from the appropriate body (i.e. Oceans &	Any other items/fees?			
Resource 1												
Resource 2												
Resource 3												
Resource 4												
Notes: (Please add any notes here that is out of the ordinary. (i.e. reason for delay - car accident, construction, road closure etc)												
<b>RETURN COMPLETED FORM TO THE TECH FLM FOR THE APPROPRIATE OPERATION CENTER.</b>												
ZONE NUMBER	TECH FLM NAME				OPERATION CENTERS THEY ARE ACCOUNTABLE FOR							

### Connection Impact Assessment Project Work Sheets

Connection Impact Assessments (“CIAs”) use different resources depending on the characteristics of the project. For this reason, different work sheets were created to capture the labour resources and time for each task required. All forms were collected and input into a common spreadsheet and matched according to the project identification number.

**Figure A-3: Connection Impact Assessment Time Study – Form D1a**

Connection Impact Assessment (CIA) Time Study								FORM D1a	
All of these activities to be studied every time they are worked									
Call Center Staff - DXG Generation Group									
Week Of:				When was work done?				All Tasks were completed in Regular Time	
Receiving The Application Tasks									
Date CIA Application Received and Processed	CRM Project Number	Resource Type	Type of CIA Application (New, Revision, TAA, etc)	1) Review of Application (in minutes), Verify FAME	2) Data Entry into Customer Relationship Management (CRM) (in minutes)	3) Uploading Application to DG Sharepoint (in minutes)	4) Prepare Incomplete Emails back to Customers or requesting Corporate Profile Report	5) Process CIA Payment, entering the cheque in the CRM Payment Module, creating a payment record, and creating a sales order in SAP. Send cheque to A/R	Totals
		DxG Agent							
Comments: Manager Escalation (if required)									
RETURN COMPLETED FORM to XXXXXXX at EOD Fridays									

**Figure A-4: Connection Impact Assessment Time Study Form – D2**

<b>Connection Impact Assessment (CIA) Time Study</b>											<b>FORM D2</b>	
All of these activities to be studied every time they are performed												
CRM Project Number _____			Revision Number: _____			<b>All Projects Completed In Reg Time</b>						
Study Type: _____			Start Date _____ End Date _____									
Zone: _____			Ops Center: _____									
	Review application (MINUTES)	Communicate with Distribution Generator (MINUTES)	Perform Technical Evaluation (MINUTES)	Update Transformer Station or Distribution Station model (MINUTES)	Review Site Assessment (MINUTES)	Complete CIA review (MINUTES)	Evaluate Protection Schemes (MINUTES)	Complete Form C (MINUTES)	Perform CIA review (MINUTES)	Review Planning Spec (MINUTES)	Perform Class C review (MINUTES)	DLT Restudy (MINUTES)
<b>PLTS Supervisor</b>												
<b>DLT</b>												
<b>Planner</b>												
<b>Assitant Planner</b>												
Notes: (Please add any notes here that is out of the ordinary. (i.e. reason for delay that effected the work time spent completing the CIA etc)												
<b>RETURN COMPLETED FORMS to <a href="mailto:Regulatory@HydroOne.com">Regulatory@HydroOne.com</a> or hard copies to XXXXXXXX at XXX 1st FLR</b>												

**Figure A-5: Connection Impact Assessment Time Study Form – D3A**

Connection Impact Assessment (CIA) Time Study											FORM D3A	
All of these activities to be studied every time they are performed												
Start Date:		MM-DD-YY		Project Type:			Highlight Applicable Time Below					
							REG		OT2		OT3	
CRM Project #:				Note: All work performed on REG time.								
Resource Type	Monitor GCD Mailbox and Assign CIA/Form B Checks Accordingly (Hours)	Form B Check and Send Form B Letter (Hours)	Extract and Validate CYME Model (Hours)	Evaluation Form - Voltage Tests	Evaluation Form - Short Circuit Tests	Evaluation Form - Thermal Tests	Produce CIA Report and PS	Class C Estimate	Review of Evaluation Form, CIA Report, Planning Spec and Class C Estimate (Hours)	Upload CIA Documents to DG and GCD Sharepoint and Update Status in CRM (Hours)	Other Time Spent (Must note description of activities under the comments box) (Hours)	
Resource 1												
Resource 2												
Resource 3												
Resource 4												
<u>Comments:</u>												
RETURN COMPLETED FORMS to <a href="mailto:Regulatory@HydroOne.com">Regulatory@HydroOne.com</a> or hard copies to XXXXXX at XXX 1st FLR												

Figure A-6: Connection Impact Assessment Time Study Form – D3B

Connection Impact Assessment (CIA) Time Study											FORM D3B		
All of these activities to be studied every time they are performed													
Start Date:		MM-DD-YY				Highlight Applicable Time Below							
						REG		OT2		OT3			
CRM Project #:						Note: All work performed on REG time.							
	Resource Type	Prepare Class C Estimate (Hours)											
	Resource 1												
	Resource 2												
	Resource 3												
	Resource 4												
<b>Comments:</b> (Please add any notes here that is out of the ordinary.)  													
<b>RETURN COMPLETED FORMS to <a href="mailto:Regulatory@HydroOne.com">Regulatory@HydroOne.com</a> or hard copies to XXXXXX at XXX 1st FLR</b>													

Figure A-7: Connection Impact Assessment Time Study Form – D3C

Connection Impact Assessment (CIA) Time Study											FORM D3C			
All of these activities to be studied every time they are performed														
Start Date:		MM-DD-YY					Highlight Applicable Time Below							
							REG		OT2		OT3			
CRM Project #:							Note: All work performed on REG time.							
	Resource Type	Perform Source Impedance Study (Hours)												
	Resource 1													
	Resource 2													
	Resource 3													
	Resource 4													
<b>Comments:</b> (Please add any notes here that is out of the ordinary.)														
<b>RETURN COMPLETED FORMS to Regulatory@HydroOne.com or hard copies to XXXXXX at XXX 1st FLR</b>														

**Figure A-8: Connection Impact Assessment Time Study Form – D4**

<b>Connection Impact Assessment (CIA) Site Assessment</b>									<b>FORM D4</b>	
All of these activities to be studied every time they are worked										
ZONE ____		OPS Center								
Date:		When was work done?		Circle applicable time below REG / OT2 / OT3						
Address:				CRM Project #:						
	Resource Type	Driving Time (to get to site to collect data) (MINUTES)	Total Time (MINUTES) to Perform field work.	Office Time to prepare and submit the Application (MINUTES)	Material Used (stakes, paint, surveyor tape, flags etc)	Type(s) of Vehicle Used (half ton or large truck)	Type(s) of Specialized TWE (skidoo,Argo,Boat, offroad, helicopter,etc )	Any other charges incurred (i.e water taxi, boat launch fees)	Application Permit Fees from the appropriate body (i.e. Oceans & Fisheries etc)	Any other items/fees?
Resource 1										
Resource 2										
Resource 3										
Resource 4										
Notes: (Please add any notes here that is out of the ordinary. (i.e. reason for delay - car accident, construction, road closure etc)										
<b>RETURN COMPLETED FORM with Site Assessment</b>										

**Figure A-9: Connection Impact Assessment Time Study Form – D1b**

Connection Impact Assessment (CIA) Time Study							FORM D1b	
All of these activities to be studied every time they are worked								
Call Center Staff - DXG Generation Group								
Week Of:					When was work done?		All Tasks were completed in Regular Time	
<b><i>Sending the Application Tasks</i></b>								
Date Send Documents Task Received and Processed	CRM Project Number	Resource Type	Type of CIA Application (New, Revision, TAA, etc)	5) Match CRM with CIA and Class C and Obtain AE Approval	6) Update CRM with CIA sent data and notes fields	7) Prepare CIA email template, attach CCA and Class C and Application /CANA and next steps and email customer	Any costs incurring, photocopying, off site storage.	Totals
		DxG Agent						
Notes: Manager Escalation (If required)								
RETURN COMPLETED FORM to XXXXXX at EOD Fridays								

## **Appendix B**

### **Summary Tables of Support Data**

The following are summary tables of the data collected during the time study for each miscellaneous service to support the proposed changes in fees.

**Table B-1: Study Data for the Statement of Account Specific Service Charge**

Underlying Cost Description Used For:

2 Statement of Account

Study Start Date							
Study End Date							
Total Study Records							
	Count	Notes					
<b>Total Book Code Records</b>							
Clerical (Call Centre), jobs (sample size)	8						
Clerical (Mail room), letters	6,663	Number of Letters Sent for Rate Codes 2, 4, 5 and 7 during study period (September 2016)					
<b>Task Times</b>							
Clerical (Call Centre), Time (hours)	0.73	Total time spent by Clerical Staff - Calculated by multiplying 0.09 hours on avg. (determined by Call Centre) * 8 (sample size)					
Clerical (Mail room), Time (hours)	112.00	hrs. per month, 70% spent mailing; explanation in 'Mailroom' tab					
<b>Average Task Time (hours)</b>							
Clerical (Call Centre), Average Time (hours)	0.09						
Clerical (Mail room), Average Time (hours)	0.02						
<b>Total Task Time (hours)</b>							
<b>Calculation Assumptions</b>							
Rates	Base rate, cost	Burden rate	OT Factor	Notes			Notes
Clerical (Call Centre)	\$ 74.70		-				
Clerical (Mail room)	\$ 74.70	59.30%	-				
Material	\$ 0.80						postage
<b>Resource</b>							
Resource	Rsrc. Qty.	Driving time (hrs.)	Drvng. tme. Qty.	Task time (hrs.)	Task tme. Qty.	Total	Notes
Clerical (Call centre)	1.00			0.09	1.00	0.09	
Clerical (Mail room)	1.00			0.02	1.00	0.02	
Material	1.00						

**Table B-2: Study Data for Duplicate Invoices for Previous Billing Specific Service Charge**

Underlying Cost Description For:

4 Duplicate invoices for previous billing

Study Start Date							
Study End Date							
Total Study Records							
	Count	Notes					
Total Book Code Records							
Total Book Code Records							
Clerical (Call Centre), jobs (sample size)	8						
Clerical (Mail room), letters	6,663	Number of Letters Sent for Rate Codes 2, 4, 5 and 7 during study period (September 2016)					
Task Times							
Clerical (Call Centre), Time (hours)	0.67	Total time spent by Clerical Staff - Calculated by multiplying 0.08 hours on avg. (determined by Call Centre) * 8 (sample size)					
Clerical (Mail room), Time (hours)	112.00	hrs. per month, 70% spent mailing; explanation in 'Mailroom' tab					
Average Task Time (hours)							
Clerical (Call Centre), Average Time (hours)	0.08						
Clerical (Mail room), Average Time (hours)	0.02						
Total Task Time (hours)							
<b>Calculation Assumptions</b>							
<b>Rates</b>	<b>Base rate, cost</b>	<b>Burden rate</b>	<b>OT Factor</b>	<b>Notes</b>			<b>Notes</b>
Clerical (Call Centre)	\$ 74.70		-				
Clerical (Mail room)	\$ 74.70	59.30%	-				
Material	\$ 0.80		-				postage
<b>Resource</b>	<b>Rsrc. Qty.</b>	<b>Driving time (hrs.)</b>	<b>Drvng. tme. Qty.</b>	<b>Task time (hrs.)</b>	<b>Task tme. Qty.</b>	<b>Total</b>	<b>Notes</b>
Clerical (Call centre)	1.00			0.08	1.00	0.08	
Clerical (Mail room)	1.00			0.02	1.00	0.02	
Material	1.00						

**Table B-3: Study Data for the Request for Other Billing Information and Account History Specific Service Charges**

Underlying Cost Description For:

- 5 Request for other billing information
- 9 Account History

Study Start Date							
Study End Date							
Total Study Records							
	<b>Count</b>		<b>Notes</b>				
Total Book Code Records							
Total Book Code Records							
Clerical (Call Centre), jobs (sample size)	68						
Clerical (Mail room), letters	6,663		Number of Letters Sent for Rate Codes 2, 4, 5 and 7 during study period (September 2016)				
Task Times							
Clerical (Call Centre), Time (hours)	6.23		Total time spent by Clerical Staff - Calculated by multiplying 0.09 hours on avg. (determined by Call Centre) * 68 (sample size)				
Clerical (Mail room), Time (hours)	112.00		hrs. per month, 70% spent mailing; explanation in 'Mailroom' tab				
Average Task Time (hours)							
Clerical (Call Centre), Average Time (hours)	0.09						
Clerical (Mail room), Average Time (hours)	0.02						
Total Task Time (hours)							
<b>Calculation Assumptions</b>							
<b>Rates</b>	<b>Base rate, cost</b>	<b>Burden rate</b>		<b>OT Factor</b>	<b>Notes</b>		<b>Notes</b>
Clerical (Call Centre)	\$ 74.70			-			
Clerical (Mail room)	\$ 74.70	59.30%		-			
Material	\$ 0.80			-			postage
<b>Resource</b>							
<b>Resource</b>	<b>Rsrc. Qty.</b>	<b>Driving time (hrs.)</b>		<b>Drvng. tme. Qty.</b>	<b>Task time (hrs.)</b>	<b>Task tme. Qty.</b>	<b>Total Notes</b>
Clerical (Call centre)	1.00				0.09	1.00	0.09
Clerical (Mail room)	1.00				0.02	1.00	0.02
Material	1.00						

**Table B-4: Study Data for an Easement Letter Specific Service Charge**

Underlying Cost Description For:  
6 Easement letter

<b>Study Start Date</b>							
<b>Study End Date</b>							
<b>Total Study Records</b>							
	<b>Count</b>	<b>Notes</b>					
<b>Total Book Code Records</b>							
<b>Total Book Code Records</b>							
Clerical (FBC), jobs (sample size)	22	Sample Size determined by taking an average of FBC staff that filled out individual tasks (three tasks total) of survey (as shown on Clerical - FBC tab)					
Clerical (Real Estate), jobs (sample size)	100	Real Estate performs 100 Unregistered Easement Rights Inquiries per month, on average					
<b>Task Times</b>							
Clerical (FBC), Time (hours)	7.38	442.5 mins. as totaled in Clerical - FBC Tab					
Clerical (Real Estate), Time (hours)	36.67	Total time spent by Real Estate Staff - Calculated by multiplying 22 mins (0.37 hrs.) on avg. (determined by Real Estate) * 100 (sample size)					
<b>Average Task Time (hours)</b>							
Clerical (FBC), Average Time (hours)	0.34						
Clerical (Real Estate), Average Time (hours)	0.37						
<b>Total Task Time (hours)</b>							
<b>Calculation Assumptions</b>							
<b>Rates</b>	<b>Base rate, cost</b>	<b>Burden rate</b>		<b>OT Factor</b>	<b>Notes</b>		<b>Notes</b>
Clerical (FB)	\$ 74.70	59.30%		-			
Clerical (Real Estate)	\$ 74.70			-			
Material	\$ 0.80			-			
<b>Resource</b>	<b>Rsrc. Qty.</b>	<b>Driving time (hrs.)</b>		<b>Drvng. tme. Qty.</b>	<b>Task time (hrs.)</b>	<b>Task tme. Qty.</b>	<b>Total</b> <b>Notes</b>
Clerical (FBC)	1.00				0.34	1.00	<b>0.34</b>
Clerical (Real Estate)	1.00				0.37	1.00	<b>0.37</b>
Material	1.00						

**Table B-5: Study Data for an Income Tax Letter Specific Service Charge**

Underlying Cost Description For:

7 Income tax letter

<b>Study Start Date</b>									
<b>Study End Date</b>									
<b>Total Study Records</b>									
	<b>Count</b>	<b>Notes</b>							
<b>Total Book Code Records</b>									
<b>Total Book Code Records</b>									
Clerical (Call Centre), jobs (sample size)	7								
Clerical (Mail Room), letters	6,663	Number of Letters Sent for Rate Codes 2, 4, 5 and 7 during study period (September 2016)							
<b>Task Times</b>									
Clerical (Call Centre), Time (hours)	0.58	Total time spent by Clerical Staff - Calculated by multiplying 0.08 hours on avg. (determined by Call Centre) * 7 (sample size)							
Clerical (Mail Room), Time (hours)	112.00	hrs. per month, 70% spent mailing; explanation in 'Mailroom' tab							
<b>Average Task Time (hours)</b>									
Clerical (Call Centre), Average Time (hours)	0.08								
Clerical (Mail Room), Average Time (hours)	0.02								
<b>Total Task Time (hours)</b>									
<b>Calculation Assumptions</b>									
<b>Rates</b>	<b>Base rate, cost</b>	<b>Burden rate</b>			<b>OT Factor</b>	<b>Notes</b>		<b>Notes</b>	
Clerical (Call Centre)	\$ 74.70	59.30%			-				
Clerical (Mail Room)	\$ 74.70				-				
Material	\$ 0.80				-			postage	
<b>Resource</b>									
	<b>Rsrc. Qty.</b>	<b>Driving time (hrs.)</b>			<b>Drvng. tme. Qty.</b>	<b>Task time (hrs.)</b>	<b>Task tme. Qty.</b>	<b>Total</b>	<b>Notes</b>
Clerical (Call Centre)	1.00					0.08	1.00	0.08	
Clerical (Mail Room)	1.00					0.02	1.00	0.02	
Material	1.00								

**Table B-6: Study Data for Credit Reference / Credit Check Specific Service Charge**

Underlying Cost Description For:

10 Credit reference/credit check (plus credit agency costs)

<b>Study Start Date</b>							
<b>Study End Date</b>							
<b>Total Study Records</b>							
	<b>Count</b>	<b>Notes</b>					
<b>Total Book Code Records</b>							
<b>Total Book Code Records</b>							
Clerical (Call Centre), jobs (sample size)	887						
<b>Task Times</b>							
Clerical (Call Centre), Time (hours)	140.44	Total time spent by Clerical Staff - Calculated by multiplying 0.16 hours on avg. (determined by Call Centre) * 887 (sample size)					
<b>Average Task Time (hours)</b>							
Clerical (Call Centre), Average Time (hours)	0.16						
<b>Total Task Time (hours)</b>							
<b>Calculation Assumptions</b>							
<b>Rates</b>	<b>Base rate, cost</b>	<b>Burden rate</b>		<b>OT Factor</b>	<b>Notes</b>		<b>Notes</b>
Clerical (Call Centre)	\$ 74.70	59.30%		-			
<b>Resource</b>	<b>Rsrc. Qty.</b>	<b>Driving time (hrs.)</b>		<b>Drvng. tme. Qty.</b>	<b>Task time (hrs.)</b>	<b>Task tme. Qty.</b>	<b>Total</b>
Clerical (Call Centre)	1.00				0.16	1.00	0.16

**Table B-7: Study Data for Returned Cheque Specific Service Charge**

Underlying Cost Description For:							
11 Returned cheque charge							
Study Start Date							
Study End Date							
Total Study Records							
	<b>Count</b>	<b>Notes</b>					
<b>Total Book Code Records</b>							
<b>Total Book Code Records</b>							
Clerical (Call Centre), jobs	1,010						
<b>Task Times</b>							
Clerical (Call Centre), Time (hours)	58.92	Calculated by: 3.5 minutes/60 * 1010 book code records					
<b>Average Task Time (hours)</b>							
Clerical (Call Centre), Average Time (hours)	<b>0.06</b>						
<b>Total Task Time (hours)</b>							
Calculation Assumptions							
Rates	Base rate, cost	Burden rate	OT Factor	Notes			Notes
Clerical (Call Centre)	\$ 74.70	59.30%	-				
Resource	Bsrc. Qty.	Driving time (hrs.)	Drvng. tm e. Qty.	Task time (hrs.)	Task tm e. Qty.	Total	Notes
Clerical (Call Centre)	1.00			0.06	1.00	<b>0.06</b>	



**Table B-9: Study Data for a Special Meter Read Specific Service Charge**

Underlying Cost Description For:

15 Special Meter Reads (retailer requested off-cycle read)

<b>Study Start Date</b>	1-Dec-2015						
<b>Study End Date</b>	30-Nov-2016						
<b>Total Study Records</b>	10,497						
	<b>Count</b>	<b>Notes</b>					
<b>Total Book Code Records</b>	38						
<b>Records Omitted</b>	-						
<b>Final Sample Size for Field Work</b>	38						
<b>Total Book Code Records, FBC</b>							
Clerical (Call Centre)	-	No studies; Attributed same labour hours as Collection of Account (no disconnection) - Rate Code 16 as tasks would be the same					
Clerical (FBC)	-						
<b>Task Times, FBC (hours)</b>							
Clerical (Call Centre)	-	No studies; Attributed same labour hours as Collection of Account (no disconnection) - Rate Code 16 as tasks would be the same					
Clerical (FBC)	-						
<b>Average Task Times, FBC (hours)</b>							
Clerical (Call Centre)	0.11	No studies; Attributed same labour hours as Collection of Account (no disconnection) - Rate Code 16 as tasks would be the same					
Clerical (FBC)	-						
<b>Resource Types Used in the Study</b>		<b>Vehicles Used</b>					
	8 ADET	2 BLANK					
	1 MD/MR	1 1/2 TON					
	8 MDET	2 BARGE					
	1 METER READER	6 ESCAPE					
	18 MRDC	7 F150					
	1 MRDC MDET	4 FORD ESCAPE					
	1 RLM	8 HALF TON					
		5 NA					
		1 PICKUP					
		1 SUV					
		1 VAN					
<b>Average Driving Time (hours)</b>	0.50						
<b>Average Task Time (hours)</b>	0.25						
<b>Total Time (hours)</b>	0.75						
<b>Calculation Assumptions</b>							
<b>Rates</b>	<b>Base rate, cost</b>	<b>Burden rate</b>	<b>OT Factor</b>	<b>Notes</b>			<b>Notes</b>
Clerical (Call Centre)	\$ 74.70		-				
Clerical (FBC)	\$ 74.70	59.30%	-				
MRDC	\$ 57.12		-				
Small vehicle	\$ 10.00		-				
<b>Resource</b>	<b>Rsrc. Qty.</b>	<b>Driving time (hrs.)</b>	<b>Drng. tme. Qty.</b>	<b>Task time (hrs.)</b>	<b>Task tme. Qty.</b>	<b>Total</b>	<b>Notes</b>
Clerical (Call centre)	1.00			0.11	1.00	0.11	
Clerical (FBC)	-			-	-	-	
MRDC	1.00	0.50	1.00	0.25	1.00	0.75	
Small vehicle	1.00	0.50	1.00	0.25	1.00	0.75	

**Table B-8: Study Data for a Collection of Account – No Disconnection Service Charge**

Underlying Cost Description For:

16 Collection of account charge - no disconnection

Study Start Date	1-Dec-2015					
Study End Date	30-Nov-2016					
Total Study Records	10,497					
	Count	Notes				
Total Book Code Records	1,014					
Records Omitted	-					
Final Sample Size for Field Work	1,014					
Total Book Code Records, FBC						
Clerical (Call Centre)	10					
Clerical (FBC)	46					
Task Times, FBC (hours)						
Clerical (Call Centre)	1.08	Calculated by multiplying 6' 27" average time and 10 samples to get total time in hours				
Clerical (FBC)	6.35					
Average Task Times, FBC (hours)						
Clerical (Call Centre)	0.11					
Clerical (FBC)	0.14					
Resource Types Used in the Study						
	20	BLANK	1	LINES APP 1 YEAR		
	1	16	1	LINES APP YEAR 1		
	1	18	2	LINES APPRENTICE 1ST YEAR		
	1	894-988	3	MDET		
	252	ADET	1	METER READER		
	6	ADET TRAINEE	1	METER READER, DATA COLLECTOR		
	2	CO-OP	4	MR		
	14	CO-OP STUDENT	27	MRA		
	5	HH METER READER	1	MRC		
	2	HH MRDA	530	MRDC		
	14	HIRING HALL	2	MRDC LC		
	7	LINEMAN	1	PLM		
	3	LINEMEN	1	RE		
	18	LINES	64	RLM		
	14	LINES APP	11	SDET		
Vehicles Used						
	17	BLANK	19	FORD ESCAPE		
	1	1.2 TON	2	FORD F150		
	22	1/2 TON	5	FORD RANGER		
	1	1/2 TONNE	1	HALF FON		
	3	3/4 TON	1	HALF ONE		
	1	4X4	1	HALF OTN		
	1	895	393	HALF TON		
	1	895-700	2	HALF TON F150		
	2	907-586	4	HALFTON		
	30	BUCKET	16	MHAD		
	5	BUCKET TRUCK	1	MINI VAN		
	2	BUCKET, HALF TON	1	PICK UP		
	4	CARAVAN	49	PICKUP		
	65	DODGE VAN	60	RANGER		
	1	DOUBLE BUCKET	4	SERVICE BUCKET		
	30	ESCAPE	2	SERVICE TRUCK		
	141	F150	3	SINGLE BUCKET		
	1	F-150	2	SINGLE BUCKET SERVICE		
	1	F150, HALF TON, PICKUP	60	SUV		
	7	F250	1	SUV ESCAPE		
	2	FORD ESCALADE	37	VAN		
Average Driving Time (hours)	0.37					
Average Task Time (hours)	0.29					
Total Time (hours)	0.66					
<b>Calculation Assumptions</b>						
Rates	Base rate, cost	Burden rate	OT Factor	Notes		Notes
Clerical (Call Centre)	\$ 74.70	59.30%	-			
Clerical (FBC)	\$ 74.70		-			
MRDC	\$ 57.12		-			
Small vehicle	\$ 10.00		-			
Resource	Rsrc. Qty.	Driving time (hrs.)	Drvng. tme. Qty.	Task time (hrs.)	Task tme. Qty.	Total Notes
Clerical (Call centre)	1.00			0.11	1.00	0.11
Clerical (FBC)	1.00			0.14	1.00	0.14
MRDC	1.00	0.37	1.00	0.29	1.00	0.66
Small vehicle	1.00	0.37	1.00	0.29	1.00	0.66

**Table B-9: Study Data for a Collection of Account – Disconnect / Reconnect at Meter during Regular Hours**

Underlying Cost Description For:

18 Collection - Disconnect/Reconnect at meter - during regular hours							
Study Start Date	1-Dec-2015						
Study End Date	30-Nov-2016						
Total Study Records	10,497						
	Count						
	Notes						
Total Book Code Records	5,904						
Records Omitted	20 LISTED WORKING TIME AS "OT2" OR "OT3"						
Final Sample Size for Field Work	5,884						
Total Book Code Records, FBC							
Clerical (Call Centre)	236,656						
Clerical (FBC)	47						
Task Times, FBC (hours)							
Clerical (Call Centre)	39,442.67 Calculated by multiplying 0.17 hours on avg. (determined by Call Centre) * 236,656 (sample size)						
Clerical (FBC)	12.33						
Average Task Times, FBC (hours)							
Clerical (Call Centre)	0.17						
Clerical (FBC)	0.26						
Resource Types Used in the Study							
98 BLANK	8 DARRYL TODD	11 LINES APP YEAR 1	16 MRDC HH				
3 18	1 DC HH	6 LINES APPRENTICE 1ST YEAR	37 MRDC HIRING HALL				
1 2 MAINTAINERS	2 HH M/R DA	32 MDET	65 MRDC LC				
1 894-850	15 HH METER READER	1 MRDC	1 MRDC MDET				
1 907-063	3 HH MRA	5 MDX	1 MRDC, ADET				
1,194 ADET	6 HH MRDA	7 MDX/MR	1 MRDC/ADET				
2 ADET TR	4 HH MRDC	7 METER READER	14 MRDG				
27 ADET TRAINEE	6 HHMRA	1 METER READER HIRING HALL	6 MTECH				
2 ADET, TRAINEE	43 HIRING HALL	23 MR	1 MTR/DC				
10 CO-OP	1 HIRING HALL MRDC	6 MR/DC	2 PL				
1 CO-OP ADET	1 LIENS APP YEAR 1	2 MR-2	16 PLM				
27 CO-OP STUDENT	73 LINEMAN	187 MRA	219 RLM				
4 CUT OUT NON PAY	1 LINEMAN X2	2 MR-A	76 SDET				
4 CUT-IN	3 LINEMEN	2 MRC	167 SMR				
1 CUT-IN, MOVE-IN	39 LINES	5 MRCD	1 SMRDC				
5 CUT-OUT	1 LINES AP 1	2 MRD	1 SUD				
1 DARRL	23 LINES APP	4 MRDA HH	1 TECH				
121 DARRYL	1 LINES APP 1 YEAR	3,194 MRDC	1 VACANT PREMISES/CUT-OUT				
Vehicles Used							
89 BLANK	43 CARAVAN	12 FORD RANGER	54 PICKUP 893-934				
3 HALF TON	1 CARVAN	1 FORD SUV ESCAPE	1 PICKUP 893-939				
1 1/2 TON	2 CREW CAB 2500	1 HAFL TON	1 PICKUP 894-934				
51 1/2 TON	228 DODGE VAN	3 HALF OTN	1 PICKUP VAN				
1 1/2 TONE	1 DODVE VAN	2,557 HALF TON	1 PIKUP				
1 150	3 DOUBLE BUCKET	16 HALF TON F150	356 RANGER				
1 3/4	168 ESCAPE	1 HALF TON FORD F150	2 RANGER FORD				
1 3/4 PICKUP	546 F150	2 HALF TON PICKUP	2 RANGER PICK UP				
5 3/4 SERVICE TRUCK	11 F-150	1 HALF TON TRUCK	4 RANGER PICKUP				
49 3/4 TON	3 F150 HALF TON	2 HALF TON X2	2 RANGER, HALF TON				
4 3/4 TON TRUCK	1 F150- PICK UP	14 HALF TON, F150	1 RANGER, PICKUP				
1 3/4 TOY TRUCK	3 F150 PICKUP	1 HALF TON, PICKUP	1 RANGER/PICKUP				
1 3/4 TRUCK	1 F150 TRUCK	1 HALFTON	3 RANGER/PICK-UP				
2 42' BUCKET	5 F150 XL	1 HLAF TON	1 RINGER/PICKUP				
4 404	6 F150, HALF TON	1 HLAF TON F150	1 SEAL, RANGER				
1 893 580 PICKUP	5 F150, HALF TON, PICKUP	1 MAHAD	6 SERVICE BODY				
1 893-934	1 F150, PICKUP, HALF TON	1 MAHDD	15 SERVICE BUCKET				
1 893-934 PICKUP	3 F150, TRAILER	1 METER SEAL	19 SERVICE TRUCK				
8 895	3 F150XL	48 MHAD	3 SERVICE TRUCK F450				
1 895-700	218 F250	2 MIN VAN	1 SERVICE TRUCK, 3/4 TON				
1 907-584	2 F-250	7 MINI VAN	14 SINGLE BUCKET				
1 8AN	4 F250 3/4 TON	10 MINI-VAN	5 SLEEVES				
1 BLACK SEAL	2 F450 SERVICE TRUCK	5 NA	1 SOCKS				
1 B0AT	1 FORD ESCALADE	1 P/U	197 SUV				
1 BUCCKT	153 FORD ESCAPE	3 PICK UP	4 SUV 850-869				
113 BUCKET	10 FORD ESCAPE SUV	178 PICKUP	12 SUV ESCAPE				
2 BUCKET TRUCK	2 FORD F150	1 PICK-UP	3 SUV FORD ESCAPE				
2 BUCKET, SERVICE TRUCK	1 FORD F-150	1 PICKUP 793-934	1 SUV, ESCAPE				
1 BUCKET=	1 FORD F150, HALF TON, PICKUP	2 PICKUP 843-934	2 SVC TRUCK				
1 BULLNOSE BARGE	1 FORD HALF TON	1 PICKUP 893 934	4 TRUCK				
1 CAR	1 FORD PICKUP	7 PICKUP 893-580	468 VAN				
			1 WATER TAXI				
Average Driving Time (hours)	0.40						
Average Task Time (hours)	0.22						
Total Time (hours)	0.62						
Calculation Assumptions							
Rates	Base rate, cost	Burden rate	OT Factor	Notes			
Clerical (Call Centre)	\$ 74.70	59.30%	-				
Clerical (FBC)	\$ 74.70		-				
MRDC	\$ 57.12		-				
Small vehicle	\$ 10.00		-				
Meter seal	\$ 0.17			1 required per meter			
Meter rings	\$ 0.50			only need to replace 1/10 times, \$4.95 each			
Sleeves	\$ 0.07			\$9.93 for box of 144 sleeves; 2 sleeves required per meter			
Resource	Rsrc. Qty.	Driving time (hrs.)	Drvg. tme. Qty.	Task time (hrs.)	Task tme. Qty.	Total	Notes
Clerical (Call centre)	1.00			0.17	1.00	0.17	
Clerical (FBC)	1.00			0.26	1.00	0.26	
MRDC	1.00	0.40	1.00	0.22	1.00	0.62	
Small vehicle	1.00	0.40	1.00	0.22	1.00	0.62	
Meter seal	1.00						1 required per meter
Meter rings	1.00						only need to replace 1/10 times, \$4.95 each
Sleeves	2.00						\$9.93 for box of 144 sleeves; 2 sleeves required per meter

**Table B-10: Study Data for a Collection – Install / Remove Load Control Device during Regular Hours Service Charge**

Underlying Cost Description For:

19 Collection - Install/Remove load control device - during regular hours							
Study Start Date	1-Dec-2015						
Study End Date	30-Nov-2016						
Total Study Records	10,497						
	Count Notes						
Total Book Code Records	153						
Records Omitted	1 LISTED WORKING TIME AS "OT3"						
Final Sample Size for Field Work	152						
Total Book Code Records, FBC							
Clerical (Call Centre)	236,656						
Clerical (FBC)	47						
Task Times, FBC (hours)							
Clerical (Call Centre)	39,442.67 Calculated by multiplying 0.17 hours on avg. (determined by Call Centre) * 236,656 (sample size)						
Clerical (FBC)	12.33						
Average Task Times, FBC (hours)							
Clerical (Call Centre)	0.17						
Clerical (FBC)	0.26						
Resource Types Used in the Study							
	3 BLANK						
	56 ADET						
	1 ADET TRAINEE						
	3 HHMRA						
	10 HIRING HALL						
	2 LINEMEN						
	2 LINES						
	1 MDET						
	2 MR						
	7 MR/DC						
	1 MRA						
	54 MRDC						
	9 RLM						
	1 SMR						
Vehicles Used							
	7 BLANK						
	1 LOAD LIMITER						
	17 1/2 TON						
	2 3/4 TON						
	8 BUCKET						
	4 DODGE VAN						
	10 F150						
	2 FORD ESCAPE						
	6 FORD ESCAPE SUV						
	2 FORD RANGER						
	62 HALF TON						
	1 HALF TON - 895-515						
	1 HLAF TON						
	5 MHAD						
	4 PICKUP						
	3 RANGER						
	2 RANGER PICKUP						
	1 RANGER PICK-UP						
	2 SUV						
	10 VAN						
Average Driving Time (hours)	0.41						
Average Task Time (hours)	0.25						
Total Time (hours)	0.66						
Calculation Assumptions							
Rates	Base rate, cost	Burden rate	OT Factor	Notes	Notes		
Clerical (Call Centre)	\$ 74.70		-				
Clerical (FBC)	\$ 74.70	59.30%	-				
MRDC	\$ 57.12		-				
Small vehicle	\$ 10.00		-				
Meter seal	\$ 0.17				1 required per meter		
Meter rings	\$ 0.50				only need to replace 1/10 times, \$4.95 each		
Sleeves	\$ 0.07				\$9.93 for box of 144 sleeves; 2 sleeves required per meter		
Resource	Rsrc. Qty.	Driving time (hrs.)	Drvng. tme. Qty.	Task time (hrs.)	Task tme. Qty.	Total	Notes
Clerical (Call centre)	1.00			0.17	1.00	0.17	
Clerical (FBC)	1.00			0.26	1.00	0.26	
MRDC	1.00	0.41	1.00	0.25	1.00	0.66	
Small vehicle	1.00	0.41	1.00	0.25	1.00	0.66	
Meter seal	2.00						1 required per meter
Meter rings	1.00						only need to replace 1/10 times, \$4.95 each
Sleeves	-						\$9.93 for box of 144 sleeves; 2 sleeves required per meter

**Table B-11: Study Data for a Collection – Disconnect / Reconnect at meter after Regular Hours Service Charge**

Underlying Cost Description For:  
20 Collection - Disconnect/Reconnect at meter - after regular hours

Study Start Date	1-Dec-2015						
Study End Date	30-Nov-2016						
Total Study Records	10,497						
Count	Notes						
Total Book Code Records	206						
Records Omitted	66 LISTED AS "REG" WORKING TIME						
Final Sample Size for Field Work	140						
Total Book Code Records, FBC							
Clerical (Call Centre)	236,656						
Clerical (FBC)	47						
Task Times, FBC (hours)							
Clerical (Call Centre)	39,442.67 Calculated by multiplying 0.17 hours on avg. (determined by Call Centre) * 236,656 (sample size)						
Clerical (FBC)	12.33						
Average Task Times, FBC (hours)							
Clerical (Call Centre)	0.17						
Clerical (FBC)	0.26						
Resource Types Used in the Study							
	3 BLANK	1 CUT-IN					
	1 2 MAN BUCKET	1 DAN SLOAN 942172					
	1 2 MAN BUCKET	7 LINEMAN					
	2 894-850	13 MRDC					
	41 ADET	57 RLM					
	1 APP 4 YEAR	3 SDET					
	1 CHANCEY LAJOIE 182230	1 UTS3					
Vehicles Used							
	6 BLANK	2 HALF TON, PICKUP					
	1 2500 PICKUP	8 MHAD					
	3 3/4 TON	1 ON CALL SERVICE TRUCK 907-530					
	2 42' BUCKET	3 SERVICE BODY					
	2 907-086	8 SERVICE BUCKET					
	4 907-086	1 SINGE BUCKET					
	1 BOAT	1 SINGEL BUCKET					
	11 BUCKET	18 SINGLE BUCKET					
	2 CARAVAN	2 TROUBLE TRUCK					
	8 DODGE VAN	2 TROUBLE TRUCK TR #3					
	50 HALF TON						
Average Driving Time (hours)	0.91						
Average Task Time (hours)	0.23						
Total Time (hours)	1.14						
Calculation Assumptions							
Rates	Base rate, cost	Burden rate	OT Factor	Notes		Notes	
Clerical (Call Centre)	\$ 74.70						
Clerical (FBC)	\$ 74.70	59.30%					
RLM	\$ 74.07		1.40				
Small vehicle	\$ 10.00						
Meter seal	\$ 0.17					1 required per meter	
Meter rings	\$ 0.50					only need to replace 1/10 times, \$4.95 each	
Sleeves	\$ 0.07					\$9.93 for box of 144 sleeves; 2 sleeves required per meter	
Resource	Rsrc. Qty.	Driving time (hrs.)	Drvng. tme. Qty.	Task time (hrs.)	Task tme. Qty.	Total	Notes
Clerical (Call centre)	1.00			0.17	1.00	0.17	
Clerical (FBC)	1.00			0.26	1.00	0.26	
RLM	1.00	0.91	2.00	0.23	1.00	2.05	driving time double, return trip
Small vehicle	1.00	0.91	2.00	0.23	1.00	2.05	the vehicle is out for the entire duration
Meter seal	1.00					1	required per meter
Meter rings	1.00					2	only need to replace 1/10 times, \$4.95 each
Sleeves	2.00					19.93	for box of 144 sleeves; 2 sleeves required per meter
Collective agreement adjustment	1.00						

**Table B-12: Study Data for a Collection – Install / Remove a Load Control Device after Regular Hours Service Charge**

Underlying Cost Description For:

21 Collection - Install/Remove load control device - after regular hours

Study Start Date	1-Dec-2015	
Study End Date	30-Nov-2016	
Total Study Records	10,497	
	Count	Notes
Total Book Code Records	16	
Records Omitted	10	LISTED AS "REG" WORKING TIME
Final Sample Size for Field Work	6	
Total Book Code Records, FBC		
Clerical (Call Centre)	236,656	
Clerical (FBC)	47	
Task Times, FBC (hours)		
Clerical (Call Centre)	39,442.67	Calculated by multiplying 0.17 hours on avg. (determined by Call Centre) * 236,656 (sample size)
Clerical (FBC)	12.33	
Average Task Times, FBC (hours)		
Clerical (Call Centre)	0.17	
Clerical (FBC)	0.26	
Resource Types Used in the Study		
	1	Z.MEN
	1	894-850
	2	ADET
	1	RLM
	1	UTS3
Vehicles Used		
	2	BUCKET
	1	HALF TON
	1	PICKUP
	2	SUV
Average Driving Time (hours)	0.53	
Average Task Time (hours)	0.36	
Total Time (hours)	0.89	

Calculation Assumptions						
Rates	Base rate, cost	Burden rate	OT Factor	Notes		Notes
Clerical (Call Centre)	\$ 74.70		-			
Clerical (FBC)	\$ 74.70	59.30%	-			
RLM	\$ 74.07		1.40			
Small vehicle	\$ 10.00		-	-		
Meter seal	\$ 0.17					1 required per meter
Meter rings	\$ 0.50					only need to replace 1/10 times, \$4.95 each
Sleeves	\$ 0.07					\$9.93 for box of 144 sleeves; 2 sleeves required per meter

Resource	Rsrc. Qty.	Driving time (hrs.)	Drng. tme. Qty.	Task time (hrs.)	Task tme. Qty.	Total	Notes
Clerical (Call centre)	1.00			0.17	1.00	0.17	
Clerical (FBC)	1.00			0.26	1.00	0.26	
RLM	1.00	0.53	2.00	0.36	1.00	1.42	driving time double, return trip
Small vehicle	1.00	0.53	2.00	0.36	1.00	1.42	the vehicle is out for the entire duration
Meter seal	1.00						1 required per meter
Meter rings	1.00						only need to replace 1/10 times, \$4.95 each
Sleeves	2.00						\$9.93 for box of 144 sleeves; 2 sleeves required per meter
Collective agreement adjustment	1.00					0.58	adjustment to achieve min. 2hr. Callout

**Table B-13: Study Data for a Collection – Disconnect / Reconnect at Pole during Regular Hours Service Charge**

Underlying Cost Description For:

22 Collection - Disconnect/Reconnect at pole - during regular hours

Study Start Date	1-Dec-2015	
Study End Date	30-Nov-2016	
Total Study Records	10,497	
	Count	Notes
Total Book Code Records	261	
Records Omitted	7	LISTED WORKING TIME AS "OTZ"
Final Sample Size for Field Work	254	
Total Book Code Records, FBC		
Clerical (Call Centre)	236,656	
Clerical (FBC)	47	
Task Times, FBC (hours)		
Clerical (Call Centre)	39,442.67	Calculated by multiplying 0.17 hours on avg. (determined by Call Centre) * 236,656 (sample size)
Clerical (FBC)	12.33	
Average Task Times, FBC (hours)		
Clerical (Call Centre)	0.17	
Clerical (FBC)	0.26	
Resource Types Used in the Study		
	9	BLANK
	1	1 LINEMAN
	2	2 MEN
	1	894-462
	1	894-850
	1	907-028
	4	ADET
	1	LINE CREW 2 MEN
	17	LINEMAN
	35	LINES
	1	MRCD
	6	MRDC
	5	PL
	170	RLM
Vehicles Used		
	10	
	2	3/4 TON
	3	42' BUCKET
	2	46' MHAD
	1	902
	93	BUCKET
	1	BUCKET 932-415
	2	BUCKET TRUCK
	1	BUCKET, HALF TON
	2	BUCKET, SERVICE TRUCK
	2	CLIMBER
	2	F150
	1	FORD RANGER
	15	HALF TON
	1	HALF TON & MHAD
	1	HALF TON F150
	82	MHAD
	3	ONE TON MHAD
	4	PICKUP
	3	RBD MHAD 1 TON
	1	RBD MHAD 1TON
	5	SERVICE BUCKET
	2	SERVICE TRUCK
	14	SINGLE BUCKET
Average Driving Time (hours)	0.52	
Average Task Time (hours)	0.34	
Total Time (hours)	0.86	

Calculation Assumptions						
Rates	Base rate, cost	Burden rate	OT Factor	Notes		Notes
Clerical (Call Centre)	\$ 74.70		-			
Clerical (FBC)	\$ 74.70	59.30%	-			
RLM	\$ 74.07		-			
Large vehicle	\$ 57.00		-			

Resource	Rsrc. Qty.	Driving time (hrs.)	Drvg. tme. Qty.	Task time (hrs.)	Task tme. Qty.	Total	Notes
Clerical (Call centre)	1.00			0.17	1.00	0.17	
Clerical (FBC)	1.00			0.26	1.00	0.26	
RLM	2.00	0.52	1.00	0.34	1.00	1.72	2x RLMs
Large vehicle	1.00	0.52	1.00	0.34	1.00	0.86	the vehicle is out for the entire duration

**Table B-14: Study Data for a Collection – Disconnect / Reconnect at the Pole after Regular Hours Service Charge**

Underlying Cost Description For:

23 Collection - Disconnect/Reconnect at pole - after regular hours

Study Start Date	1-Dec-2015							
Study End Date	30-Nov-2016							
Total Study Records	10,497							
	Count		Notes					
Total Book Code Records	53							
Records Omitted	9		LISTED WORKING TIME AS "REG"					
Final Sample Size for Field Work	44							
Total Book Code Records, FBC								
Clerical (Call Centre)	236,656							
Clerical (FBC)	47							
Task Times, FBC (hours)								
Clerical (Call Centre)	39,442.67		Calculated by multiplying 0.17 hours on avg. (determined by Call Centre) * 236,656 (sample size)					
Clerical (FBC)	12.33							
Average Task Times, FBC (hours)								
Clerical (Call Centre)	0.17							
Clerical (FBC)	0.26							
Resource Types Used in the Study								
	1	2 MEN						
	1	894-850						
	1	907-028						
	4	LINEMAN						
	2	LINES						
	2	PL						
	32	RLM						
	1	LTS3						
Vehicles Used								
	1	BLANK						
	2	42' BUCKET						
	15	BUCKET						
	2	BUCKET, HALF TON						
	2	HALF TON						
	9	MHAD						
	2	MHAD/HALF TON						
	3	PICKUP						
	2	SERVICE BUCKET						
	5	SINGLE BUCKET						
Average Driving Time (hours)	0.55							
Average Task Time (hours)	0.46							
Total Time (hours)	1.01							
<b>Calculation Assumptions</b>								
<b>Rates</b>	<b>Base rate, cost</b>	<b>Burden rate</b>	<b>OT Factor</b>	<b>Notes</b>				<b>Notes</b>
Clerical (Call Centre)	\$ 74.70		-					
Clerical (FBC)	\$ 74.70	59.30%	-					
RLM	\$ 74.07		1.40					
Large vehicle	\$ 57.00		-					
<b>Resource</b>	<b>Rsrc. Qty.</b>	<b>Driving time (hrs.)</b>	<b>Drvng. tme. Qty.</b>	<b>Task time (hrs.)</b>	<b>Task tme. Qty.</b>	<b>Total</b>		<b>Notes</b>
Clerical (Call centre)	1.00			0.17	1.00	0.17		
Clerical (FBC)	1.00			0.26	1.00	0.26		
RLM	2.00	0.55	2.00	0.46	1.00	3.13		driving time double, return trip, 2 x RLMs
Large vehicle	1.00	0.55	2.00	0.46	1.00	1.56		the vehicle is out for the entire duration
Collective agreement adjustment	2.00					0.87		adjustment to achieve min. 2hr. Callout

**Table B-15: Study Data for a Meter Dispute Service Charge**

Underlying Cost Description For:  
24 Meter Dispute Charge - Measurement Canada

Study Start Date	1-Dec-2015						
Study End Date	30-Nov-2016						
Total Study Records	10,497						
	Count	Notes					
Total Book Code Records	15						
Records Omitted	-						
Final Sample Size for Field Work	15						
Total Book Code Records, FBC							
Clerical (Call Centre)	231						
Clerical (FBC)	36						
Task Times, FBC (hours)							
Clerical (Call Centre)	138.73	Calculated by multiplying 36:02 minutes (avg. as determined by call centre) * 231 (sample size)					
Clerical (FBC)	3.03						
Average Task Times, FBC (hours)							
Clerical (Call Centre)	0.60						
Clerical (FBC)	0.08						
Resource Types Used in the Study							
	4	ADET					
	2	LINEMAN					
	1	LINES					
	3	MDET					
	1	MR/DC					
	4	MRDC					
Vehicles Used							
	1	BLANK					
	2	3/4 TON					
	2	BUCKET					
	2	F250					
	8	HALF TON					
Average Driving Time (hours)	0.63						
Average Task Time (hours)	0.79						
Total Time (hours)	1.42						
<b>Calculation Assumptions</b>							
<b>Rates</b>	<b>Base rate, cost</b>	<b>Burden rate</b>	<b>OT Factor</b>	<b>Notes</b>		<b>Notes</b>	
Clerical (Call Centre)	\$ 74.70		-				
Clerical (FBC)	\$ 74.70	59.30%	-				
MDET	\$ 79.10		-				
Small vehicle	\$ 10.00		-				
<b>Resource</b>	<b>Rsrc. Qty.</b>	<b>Driving time (hrs.)</b>	<b>Drng. tme. Qty.</b>	<b>Task time (hrs.)</b>	<b>Task tme. Qty.</b>	<b>Total</b>	<b>Notes</b>
Clerical (Call centre)	1.00			0.60	1.00	0.60	
Clerical (FBC)	1.00			0.08	1.00	0.08	
MDET	1.00	0.63	1.00	0.79	1.00	1.42	
Small vehicle	1.00	0.63	1.00	0.79	1.00	1.42	the vehicle is out for the entire duration

**Table B-16: Study Data for a Service Call –for Customer-Owned Equipment during Regular Hours Service Charge**

Underlying Cost Description For:

25 Service call - customer owned equipment - during regular hours  
 Work sent directly to trouble crew, clerical work is after completion of the task

Study Start Date	1-Dec-2015						
Study End Date	30-Nov-2016						
Total Study Records	10,497						
	Count	Notes					
<b>Total Book Code Records</b>	85						
<b>Records Omitted</b>	11						
<b>Final Sample Size for Field Work</b>	74						
<b>Total Book Code Records, FBC</b>							
Clerical (Call Centre)	7						
Clerical (FBC)							
<b>Task Times, FBC (hours)</b>							
Clerical (Call Centre)	0.39	Calculated by multiplying 36:22 minutes (avg. as determined by call centre) * 7 (sample size)					
Clerical (FBC)							
<b>Average Task Times, FBC (hours)</b>							
Clerical (Call Centre)	0.06						
Clerical (FBC)	0.03	1.5 mins., determined by FBC as time required to claim SKF					
<b>Resource Types Used in the Study</b>							
	1	BLANK					
	1	2RLM					
	1	300870543					
	1	4 RLM					
	4	LINEMEN					
	2	LINES					
	2	LINES JOURNEYMAN					
	1	MDET					
	1	ML-01					
	1	MRDC					
	58	RLM					
<b>Vehicles Used</b>							
	1						
	1	1/2 TON					
	1	4X4					
	2	4X4 PICKUP, BUCKET					
	1	4X4 PICKUP, RBD, MAHAD					
	2	4X4 PICKUP, SINGLE BUCKET					
	22	BUCKET					
	3	HALF TON					
	1	METER SEAL					
	20	MHAD					
	1	NA					
	1	PICKUP					
	2	PICKUP, SINGLE BUCKET					
	3	RBD					
	8	SINGLE BUCKET					
<b>Average Driving Time (hours)</b>	0.65						
<b>Average Task Time (hours)</b>	0.76						
<b>Total Time (hours)</b>	1.41						
<b>Calculation Assumptions</b>							
<b>Rates</b>	<b>Base rate, cost</b>	<b>Burden rate</b>	<b>OT Factor</b>	<b>Notes</b>			<b>Notes</b>
Clerical (Call Centre)	\$ 74.70		-				
Clerical (FBC)	\$ 74.70	59.30%	-				
RLM	\$ 74.07		-				
Large vehicle	\$ 57.00		-				
<b>Resource</b>	<b>Rsrc. Qty.</b>	<b>Driving time (hrs.)</b>	<b>Drvng. tme. Qty.</b>	<b>Task time (hrs.)</b>	<b>Task tme. Qty.</b>	<b>Total</b>	<b>Notes</b>
Clerical (Call centre)	1.00			0.06	1.00	0.06	
Clerical (FBC)	1.00			0.03	1.00	0.03	
RLM	2.00	0.65	1.00	0.76	-	1.31	charging average of travel time; actuals for task
Large vehicle	1.00	0.65	1.00	0.76	-	0.65	the vehicle is out for the entire duration



**Table B-17: Study Data for a Vacant Premise – Move in with Reconnect of Electrical Service at Meter Charge**

Underlying Cost Description For:

31a Vacant Premise - Move in with Reconnect of Electrical Service at Meter

Study Start Date	1-Dec-2015							
Study End Date	30-Nov-2016							
Total Study Records	10,497							
	Count	Notes						
Total Book Code Records	2,374							
Records Omitted								
Final Sample Size for Field Work	2,374							
Total Book Code Records, FBC								
Clerical (Call Centre)	-							
Clerical (FBC)	-							
Task Times, FBC (hours)								
Clerical (Call Centre)	-							
Clerical (FBC)	-							
Average Task Times, FBC (hours)								
Clerical (Call Centre)	0.03	2 minutes of time required to set up order to FBC						
Clerical (FBC)	0.26	Tasks are same as Rate Code 18/19						
Resource Types Used in the Study								
	18	BLANK	1	HH M/R DA	2	MHAD 2 MAN	170	RLM
	1	16	7	HIRING HALL	10	MR	28	SDET
	1	18	1	HIRING HALL M/R DA	16	MR/DC	31	SMR
	1	22	1	HIRING HALL METER READER DATA COLLECTOR	43	MRA	23	SMRDC
	1	300863319	5	LINEMAN	1	MRC	1	TECH
	3	31	1	LINEMEN	1	MRCD	1	UTS2
	1	5	19	LINES	2	MRD	1	UTS3
	1	907-063	8	LINES APP	1,337	MRDC	1	UTSI
	521	ADET	1	LINES APP YEAR 1	5	MRDC HH	2	VACANT PREMISE NOTIFICATION
	1	ADET 30	10	MDET	1	MRDC HIRING HALL	1	VACANT PREMISES
	6	ADET TRAINEE	1	MDX	11	MRDC LC	2	VACANT PREMISES NOTIFICATION
	1	ADETR	2	MDX/MR	1	MRDD		
	4	CO-OP	1	METER	1	MRDS		
	4	CO-OP STUDENT	9	METER READER	1	MT DC		
	1	CO-OP/ADET	1	METER READER/DATA	1	MTDC		
	11	DARRYL	4	MHAD	7	PLM		
	4	HALF TON						
Vehicles Used								
	47	BLANK	1	BOAT	32	FORD ESCAPE SUV	103	MHAD
	1	F150	40	BUCKET	6	FORD F150	20	MINI VAN
	1	PICKUP	1	CAR	1	FORD F150, HALF TON	2	MINIVAN
	1	1/2	11	CARAVAN	16	FORD RANGER	4	NA
	118	1/2 TON	83	DODGE VAN	1	FORD RANGER PICK UP	6	PICK UP
	2	1/2 TON PICKUP	71	ESCAPE	743	HALF TON	2	PICKUP
	1	1/2 TONE	1	ESCAPE SUV	1	HALF TON F150	99	PICKUP
	1	3/4	372	F150	4	HALF TON F150	1	PICK-UP
	13	3/4 TON	22	F-150	1	HALF TON PICKUP	2	PICKUP 893-934
	1	3/4 TON TRUCK	1	F150 HALF TON	1	HALF TON TRUCK	1	PICKUP 895-572
	4	4 X 4	17	F150 XL	3	HALF TON, F150	66	RANGER
	1	42' BUCKET	2	F150, HALF TON	5	HALFTON	5	RBD
	7	4X4	1	F150, HALF TON, PICKUP	1	HELICOPTER	12	SERVICE BUCKET
	1	4X4 1/2 TON	15	F150XL	3	HT	5	SERVICE TRUCK
	1	893-864	66	F250	1	HT F150	40	SUV
	1	893-934 PICKUP	5	F-250	2	HT-F150	4	TRUCK
	2	895	6	FORD 150	2	HYDRO VAN	145	VAN
	43	895-572	57	FORD ESCAPE	1	MAHD		
Average Driving Time (hours)	0.38							
Average Task Time (hours)	0.19							
Total Time (hours)	0.57							
<b>Calculation Assumptions</b>								
Rates	Base rate, cost	Burden rate	OT Factor	Notes			Notes	
Clerical (Call Centre)	\$ 74.70		-					
Clerical (FBC)	\$ 74.70	59.30%	-					
MRDC	\$ 57.12		-					
Small vehicle	\$ 10.00		-					
Meter seal	\$ 0.17						1 required per meter	
Meter rings	\$ 0.50						only need to replace 1/10 times, \$4.95 each	
Sleeves	\$ 0.07						\$9.93 for box of 144 sleeves; 2 sleeves required per meter	
Resource	Rsrc. Qty.	Driving time (hrs.)	Drvng. tme. Qty.	Task time (hrs.)	Task tme. Qty.	Total	Notes	
Clerical (Call centre)	1.00			0.03	1.00	0.03		
Clerical (FBC)	1.00			0.26	1.00	0.26		
MRDC	1.00	0.38	1.00	0.19	1.00	0.57		
Small vehicle	1.00	0.38	1.00	0.19	1.00	0.57	the vehicle is out for the entire duration	
Meter seal	1.00						1 required per meter	
Meter rings	1.00						only need to replace 1/10 times, \$4.95 each	
Sleeves	2.00						\$9.93 for box of 144 sleeves; 2 sleeves required per meter	

**Table B-21: Study Data for Vacant Premise - Move in with Reconnect of Electrical Service at Pole Charge**

Underlying Cost Description For:

31b Vacant Premise - Move in with Reconnect of Electrical Service at Pole

Study Start Date	1-Dec-2015	
Study End Date	30-Nov-2016	
Total Study Records	10,497	
	Count	Notes
Total Book Code Records	261	
Records Omitted	7	LISTED WORKING TIME AS "OT2"
Final Sample Size for Field Work	254	
Total Book Code Records, FBC		
Clerical (Call Centre)		
Clerical (FBC)	47	
Task Times, FBC (hours)		
Clerical (Call Centre)		
Clerical (FBC)	12.33	
Average Task Times, FBC (hours)		
Clerical (Call Centre)	0.03	2 minutes of time required to set up order to FBC
Clerical (FBC)	0.26	Task is same as Rate Code 22
Resource Types Used in the Study		
	9	BLANK
	1	1 LINEMAN
	2	2 MEN
	1	894-462
	1	894-850
	1	907-028
	4	ADET
	1	LINE CREW 2 MEN
	17	LINEMAN
	35	LINES
	1	MRCD
	6	MRDC
	5	PL
	170	RLM
Vehicles Used		
	10	
	2	3/4 TON
	3	42' BUCKET
	2	46' MHAD
	1	902
	93	BUCKET
	1	BUCKET 932-415
	2	BUCKET TRUCK
	1	BUCKET, HALF TON
	2	BUCKET, SERVICE TRUCK
	2	CLIMBER
	2	F150
	1	FORD RANGER
	15	HALF TON
	1	HALF TON & MHAD
	1	HALF TON F150
	82	MHAD
	3	ONE TON MHAD
	4	PICKUP
	3	RBD MHAD 1 TON
	1	RBD MHAD 1TON
	5	SERVICE BUCKET
	2	SERVICE TRUCK
	14	SINGLE BUCKET
Average Driving Time (hours)	0.52	Task is same as Rate Code 22
Average Task Time (hours)	0.34	Task is same as Rate Code 22
Total Time (hours)	0.86	Task is same as Rate Code 22

Calculation Assumptions						
Rates	Base rate, cost	Burden rate	OT Factor	Notes		Notes
Clerical (Call Centre)	\$ 74.70		-			
Clerical (FBC)	\$ 74.70	59.30%	-			
RLM	\$ 74.07		-			
Large vehicle	\$ 57.00		-			
Resource	Rsrc. Qty.	Driving time (hrs.)	Drvng. tme. Qty.	Task time (hrs.)	Task tme. Qty.	Total
Clerical (Call centre)	1.00			0.03	1.00	0.03
Clerical (FBC)	1.00			0.26	1.00	0.26
RLM	2.00	0.52	1.00	0.34	1.00	1.72
Large vehicle	1.00	0.52	1.00	0.34	1.00	0.86

**Table B-18: Study Data for a Reconnect Completed after Regular Hours at Meter Service Charge**

Used For:

32 Reconnect completed after hours (customer/contract driven) - at meter

Study Start Date	1-Dec-2015	
Study End Date	30-Nov-2016	
Total Study Records	10,497	
	Count	Notes
Total Book Code Records	100	
Records Omitted	9	LISTED WORKING TIME AS "REG"
Final Sample Size for Field Work	91	
Total Book Code Records, FBC		
Clerical (Call Centre)	236,656	
Clerical (FBC)	44	
Task Times, FBC (hours)		
Clerical (Call Centre)	39,442.67	Calculated by multiplying 0.17 hrs. (avg. as determined by call centre) * 236,656 (sample size)
Clerical (FBC)	18.14	
Average Task Times, FBC (hours)		
Clerical (Call Centre)	0.17	
Clerical (FBC)	0.41	
Resource Types Used in the Study		
	2	907-028
	9	LINEMAN
	2	LINES
	68	RLM
	1	RLM APP 3RD YR
	1	UTS 2
	3	UTS II
	5	UTS3
Vehicles Used		
	7	BLANK
	1	1/2 TON
	2	42 BUCKET
	1	42 BUCKET'
	6	42' BUCKET
	1	46' MHAD, 3/4 PICKUP
	1	46' MHAD, 3/4 TON PICKUP
	2	4X4 SINGLE
	2	907-086
	25	BUCKET
	1	BUCKET BOAT
	2	BUCKET, 4X4
	6	BUCKET, HALF TON
	11	HALF TON
	2	HALF TON, BUCKET
	13	MHAD
	3	SINGLE BUCKET
	1	SINGLE BUCKET 4X4 PICKUP
	3	SINGLE BUCKET, 4X4 PICKUP
Average Driving Time (hours)	0.62	
Average Task Time (hours)	0.59	
Total Time (hours)	1.21	

Calculation Assumptions						
Rates	Base rate, cost	Burden rate	OT Factor	Notes		
Clerical (Call Centre)	\$ 74.70		-			
Clerical (FBC)	\$ 74.70	59.30%	-			
RLM	\$ 74.07		1.20			Reconnects after hours are usually immediately after working hours. Therefore will be OT at 1.5x, within 2 hours after end of shift
Small vehicle	\$ 10.00		-			
Resource	Rsrc. Qty.	Driving time (hrs.)	Drvng. tme. Qty.	Task time (hrs.)	Task tme. Qty.	Total
Clerical (Call centre)	1.00			0.17	1.00	0.17
Clerical (FBC)	1.00			0.41	1.00	0.41
RLM	1.00	0.62	2.00	0.59	1.00	1.83 driving time double, return trip, 1x RLMs
Small vehicle	1.00	0.62	2.00	0.59	1.00	1.83 the vehicle is out for the entire duration

**Table B-19: Study Data for a Reconnect Completed after Regular Hours at Pole Service Charge**

Underlying Cost Description For:

33 Reconnect completed after hours (customer/contract driven) - at pole

<b>Study Start Date</b>	1-Dec-2015						
<b>Study End Date</b>	30-Nov-2016						
<b>Total Study Records</b>	10,497						
	<b>Count</b>	<b>Notes</b>					
<b>Total Book Code Records</b>	100						
<b>Records Omitted</b>	37						
<b>Final Sample Size for Field Work</b>	63						
<b>Total Book Code Records, FBC</b>							
Clerical (Call Centre)	236,656						
Clerical (FBC)	44						
<b>Task Times, FBC (hours)</b>							
Clerical (Call Centre)	39,442.67	Calculated by multiplying 0.17 hrs. (avg. as determined by call centre) * 236,656 (sample size)					
Clerical (FBC)	18.14						
<b>Average Task Times, FBC (hours)</b>							
Clerical (Call Centre)	0.17						
Clerical (FBC)	0.41						
<b>Resource Types Used in the Study</b>							
<b>Vehicles Used</b>							
<b>Average Driving Time (hours)</b>	0.64						
<b>Average Task Time (hours)</b>	0.74						
<b>Total Time (hours)</b>	1.38						
<b>Calculation Assumptions</b>							
<b>Rates</b>	<b>Base rate, cost</b>	<b>Burden rate</b>	<b>OT Factor</b>	<b>Notes</b>			<b>Notes</b>
Clerical (Call Centre)	\$ 74.70		-				
Clerical (FBC)	\$ 74.70	59.30%	-				
RLM	\$ 74.07		1.20				
Large vehicle	\$ 57.00		-				
<b>Resource</b>	<b>Rsrc. Qty.</b>	<b>Driving time (hrs.)</b>	<b>Drvng. tme. Qty.</b>	<b>Task time (hrs.)</b>	<b>Task tme. Qty.</b>	<b>Total</b>	<b>Notes</b>
Clerical (Call centre)	1.00			0.17	1.00	0.17	
Clerical (FBC)	1.00			0.41	1.00	0.41	
RLM	2.00	0.64	2.00	0.74	1.00	4.04	driving time double, return trip, 2 x RLMs
Large vehicle	1.00	0.64	2.00	0.74	1.00	2.02	the vehicle is out for the entire duration

**Table B-20: Study Data for an Additional Basic Service Layout Service Charge**

Underlying Cost Description For:

34 Additional Service Layout Fee - Basic (more than one hour)

Study Start Date	1-Dec-2015								
Study End Date	30-Nov-2016								
Total Study Records	91								
	Count		Notes						
Total Book Code Records	25								
Records Omitted	-								
Final Sample Size for Field Work	25								
Total Book Code Records, FBC									
Clerical (Call Centre)	132								
Clerical (FBC)	42								
Task Times, FBC (hours)									
Clerical (Call Centre)	33.88		Calculated by multiplying 15:24 mins. (avg. as determined by call centre) * 42 (sample size)						
Clerical (FBC)	15.98								
Average Task Times, FBC (hours)									
Clerical (Call Centre)	0.26								
Clerical (FBC)	0.38								
Resource Types Used in the Study									
	20		ADET						
	1		CO-OP STUDENT						
	1		F150						
	1		PICKUP						
	1		VAN						
Vehicles Used									
	1		1. TON						
	3		1/2 TON						
	1		4X4						
	1		CARGO VAN						
	2		F150						
	8		HALF TON						
	1		HALF TON PICKUP						
	1		SUV						
	4		VAN						
Average Driving Time (hours)	0.72								
Average Task Time (hours)	1.12								
Average Office Time (hours)	1.75								
Total Time (hours)	3.58								
<b>Calculation Assumptions</b>									
Rates	Base rate, cost	Burden rate	OT Factor	Notes					Notes
Clerical (Call Centre)	\$ 74.70		-						
Clerical (FBC)	\$ 74.70	59.30%	-						
ADET	\$ 79.10		-						
Small vehicle	\$ 10.00		-						
Resource	Rsrc. Qty.	Driving time (hrs.)	Drvng. tme. Qty.	Task time (hrs.)	Task tme. Qty.	Office time (hrs.)	Office tme. Qty.	Total	Notes
Clerical (Call centre)	1.00			0.26	1.00			0.26	
Clerical (FBC)	1.00			0.38	1.00			0.38	
ADET	1.00	0.72	1.00	1.12	1.00	1.75	1.00	3.58	
Small vehicle	1.00	0.72	1.00	1.12	1.00			1.83	

**Table B-21: Study Data for an Additional Complex Service Layout Service Charge**

Underlying Cost Description For:

35 Additional Service Layout Fee - Complex (more than one hour)

Study Start Date	1-Dec-2015								
Study End Date	30-Nov-2016								
Total Study Records	91								
	Count	Notes							
Total Book Code Records	6								
Records Omitted	-								
Final Sample Size	6								
Total Book Code Records, FBC									
Clerical (Call Centre)	132								
Clerical (FBC)	42								
Task Times, FBC (hours)									
Clerical (Call Centre)	33.88	Calculated by multiplying 15:24 mins. (avg. as determined by call centre) * 42 (sample size)							
Clerical (FBC)	15.98								
Average Task Times, FBC (hours)									
Clerical (Call Centre)	0.257								
Clerical (FBC)	0.380								
Resource Types Used in the Study									
	3	ADET							
	1	SDET							
	1	VAN							
Vehicles Used									
	1	ESCAPE							
	1	F150							
	2	HALF-TON							
	2	VAN							
Average Driving Time (hours)	0.56								
Average Task Time (hours)	0.79								
Average Office Time (hours)	2.33								
Total Time (hours)	3.68								
<b>Calculation Assumptions</b>									
<b>Rates</b>	<b>Base rate, cost</b>	<b>Burden rate</b>	<b>OT Factor</b>	<b>Notes</b>					<b>Notes</b>
Clerical (Call Centre)	\$ 74.70		-						
Clerical (FBC)	\$ 74.70	59.30%	-						
ADET	\$ 79.10		-						
Small vehicle	\$ 10.00		-						
<b>Resource</b>	<b>Rsrc. Qty.</b>	<b>Driving time (hrs.)</b>	<b>Drvng. tme. Qty.</b>	<b>Task time (hrs.)</b>	<b>Task tme. Qty.</b>	<b>Office time (hrs.)</b>	<b>Office tme. Qty.</b>	<b>Total</b>	<b>Notes</b>
Clerical (Call centre)	1.00			0.26	1.00			0.26	
Clerical (FBC)	1.00			0.38	1.00			0.38	
ADET	1.00	0.56	1.00	0.79	1.00	2.33	1.00	3.68	
Small vehicle	1.00	0.56	1.00	0.79	1.00			1.35	

**Table B-22: Study Data for Pipeline Crossings Service Charge**

Underlying Cost Description For:

36 Pipeline Crossings

Study Start Date	1-Dec-2015								
Study End Date	1-Nov-2016								
Total Study Records									
	Count	Notes							
Total Book Code Records									
Records Omitted									
Final Sample Size									
Total Book Code Records, FBC									
Clerical (Call Center)	-								
Clerical (FBC)									
Task Times, FBC (hours)									
Clerical (Call Center)	-								
Clerical (FBC)	-								
Average Task Times, FBC (hours)									
Clerical (Call Center)									
Clerical (FBC)	1.00	Required tasks: Review templates, coordination with pipeline, review approvals/agreements)							
Resource Types Used in the Study									
Vehicles Used									
Average Driving Time (hours)	1.00								
Average Task Time (hours)	15.00								
Average Office Time (hours)	-								
Total Time (hours)	16.00	Reduced by two hours from last filing, as per FLM study							
<b>Calculation Assumptions</b>									
<b>Rates</b>	<b>Base rate, cost</b>	<b>Burden rate</b>	<b>OT Factor</b>	<b>Notes</b>					<b>Notes</b>
Clerical (Call Center)	\$ 74.70	59.30%	-						
Clerical (FBC)	\$ 74.70		-						
ADET	\$ 79.10		-						
Small vehicle	\$ 10.00		-						
<b>Resource</b>	<b>Rsrc. Qty.</b>	<b>Driving time (hrs.)</b>	<b>Drvng. tme. Qty.</b>	<b>Task time (hrs.)</b>	<b>Task tme. Qty.</b>	<b>Office time (hrs.)</b>	<b>Office tme. Qty.</b>	<b>Total</b>	<b>Notes</b>
Clerical (Call centre)	-			-	-			-	
Clerical (FBC)	1.00			1.00	1.00			1.00	
ADET	1.00	1.00	1.00	15.00	1.00			16.00	
Small vehicle	1.00	1.00	1.00	15.00	1.00			16.00	

**Table B-23: Study Data for a Water Crossings Service Charge**

Underlying Cost Description For:

37 Water Crossings

Study Start Date	1-Dec-2015								
Study End Date	30-Nov-2016								
Total Study Records	91								
	Count	Notes							
Total Book Code Records	3								
Records Omitted	-								
Final Sample Size	3								
Total Book Code Records, FBC									
Clerical (Real Estate)	3								
Clerical (FBC)	-								
Task Times, FBC (hours)									
Clerical (Real Estate)	1.65	Calculated by multiplying 33 mins. (avg. as determined by call centre) * 3 (sample size)							
Clerical (FBC)									
Average Task Times, FBC (hours)									
Clerical (Real Estate)	0.55								
Clerical (FBC)	1.00	Required Tasks: Assemble packages, coordinate with appropriate authorities, liaison with Real Estate and ADET							
Resource Types Used in the Study									
Vehicles Used									
Average Driving Time (hours)	1.33								
Average Task Time (hours)	21.42								
Average Office Time (hours)	-								
Total Time (hours)	22.75								
<b>Calculation Assumptions</b>									
<b>Rates</b>	<b>Base rate, cost</b>	<b>Burden rate</b>	<b>OT Factor</b>	<b>Notes</b>					<b>Notes</b>
Clerical (Real Estate)	\$ 74.70		-						
Clerical (FBC)	\$ 74.70	59.30%	-						
ADET	\$ 79.10		-						
Small vehicle	\$ 10.00		-						
Utility boat	\$ 25.00								
<b>Resource</b>	<b>Rsrc. Qty.</b>	<b>Driving time (hrs.)</b>	<b>Drvng. tme. Qty.</b>	<b>Task time (hrs.)</b>	<b>Task tme. Qty.</b>	<b>Office time (hrs.)</b>	<b>Office tme. Qty.</b>	<b>Total</b>	<b>Notes</b>
Clerical (Real Estate)	1.00			0.55	1.00			0.55	
Clerical (FBC)	1.00			1.00	1.00			1.00	
ADET	1.00	1.33	1.00	21.42	1.00	-	1.00	22.75	
Small vehicle	1.00	1.33	1.00	21.42	1.00			22.75	Vehicle is on site while ADET is on utility boat.
Utility boat	1.00	1.33	1.00	4.54	1.00			5.87	

**Table B-24: Study Data for a Railway Crossings Service Charge**

Underlying Cost Description For:

38 Railway Crossings

Study Start Date	1-Dec-2015								
Study End Date	30-Nov-2016								
Total Study Records									
	Count	Notes							
Total Book Code Records									
Records Omitted									
Final Sample Size									
Total Book Code Records, FBC									
Clerical (Real Estate)	3								
Clerical (FBC)	-								
Task Times, FBC (hours)									
Clerical (Real Estate)	1.65	Calculated by multiplying 33 mins. (avg. as determined by call centre) * 3 (sample size)							
Clerical (FBC)	-								
Average Task Times, FBC (hours)									
Clerical (Real Estate)	0.55								
Clerical (FBC)	1.00	Print drawings, coordinate with Railway Company, set up tasks for ADETs, coordinate with Real Estate							
Resource Types Used in the Study									
Vehicles Used									
Average Driving Time (hours)	1.00								
Average Task Time (hours)	14.77								
Average Office Time (hours)	-								
Total Time (hours)	15.77	left the same as last year							
<b>Calculation Assumptions</b>									
<b>Rates</b>	<b>Base rate, cost</b>	<b>Burden rate</b>	<b>OT Factor</b>	<b>Notes</b>					<b>Notes</b>
Clerical (Real Estate)	\$ 74.70		-						
Clerical (FBC)	\$ 74.70		-						
ADET	\$ 79.10	59.30%	-						
MP2 Engineer	\$ 97.93								
PWU Grade 64 (CADD)	\$ 83.49								
Small vehicle	\$ 10.00		-						
<b>Resource</b>	<b>Rsrc. Qty.</b>	<b>Driving time (hrs.)</b>	<b>Drvng. tme. Qty.</b>	<b>Task time (hrs.)</b>	<b>Task tme. Qty.</b>	<b>Office time (hrs.)</b>	<b>Office tme. Qty.</b>	<b>Total</b>	<b>Notes</b>
Clerical (Real Estate)	1.00			0.55	1.00			0.55	
Clerical (FBC)	1.00			1.00	1.00			1.00	
ADET	1.00	1.00	1.00	14.77	1.00			15.77	
Small vehicle	1.00	1.00	1.00	14.77	1.00			15.77	
MP2 Engineer	1.00			4.00	1.00			4.00	
PWU Grade 64 (CADD)	1.00			12.00	1.00			12.00	

**Table B-29: Study Data for Overhead Line Staking Service Charge**

Underlying Cost Description For:

39a Overhead Line Staking per Meter

Study Start Date	1-Dec-2015	
Study End Date	30-Nov-2016	
Total Study Records	91	
	Count	Notes
Total Book Code Records	29	
Records Omitted	2	Driving times were excessive, removed as considered input errors (8hrs and 34hrs)
Final Sample Size	27	
Total Book Code Records, FBC		
Clerical (Call Centre)	-	
Clerical (FBC)	28	
Task Times, FBC (hours)		
Clerical (Call Centre)	-	
Clerical (FBC)	8.3336	
Average Task Times, FBC (hours)		
Clerical (Call Centre)		
Clerical (FBC)	0.2976	
Resource Types Used in the Study		
	25	ADET
	1	HHMR
	1	PICKUP
	2	SDET
Vehicles Used		
	1	ESCAPE 850
	2	F150
	21	HALF TON
	1	HALF TON TRUCK
	1	PICKUP
	1	VAN
Average distance staked (m)	304.8846	
Average Driving Time (hours) per meter	0.0031	
Average Task Time (hours) per meter	0.0077	
Average Office Time (hours) per meter	0.0193	
Total Time (hours) per meter	0.0301	

Calculation Assumptions									
Rates	Base rate, cost	Burden rate	OT Factor	Notes					Notes
Clerical (Real Estate)	\$ 74.70	59.30%	-						
Clerical (FBC)	\$ 74.70		-						
ADET	\$ 79.10		-						
Small vehicle	\$ 10.00		-						
Stakes per job	6.00								70m spans + 2 for phase and neutral anchors
Cost per stake	\$ 1.28								\$31.96 pack cost, 25 stakes per pack
Stake cost per meter, average	\$ 0.03								(Cost per stake * Stakes per job) / Average distance
Resource	Rsrc. Qty.	Driving time (hrs.)	Drvng. tme. Qty.	Task time (hrs.)	Task tme. Qty.	Office time (hrs.)	Office tme. Qty.	Total	Notes
Clerical (Real Estate)	-							-	
Clerical (FBC)	1.0000			0.0010	1.0000			0.0010	
ADET	1.0000	0.0031	1.0000	0.0077	1.0000	0.0193	1.0000	0.0301	
Small vehicle	1.0000	0.0031	1.0000	0.0077	1.0000			0.0108	
Stakes	1.0000								

**Table B-30: Study Data for Underground Line Staking Service Charge**

Underlying Cost Description For:  
 39b Underground Line Staking per Meter

<b>Study Start Date</b>	1-Dec-2015								
<b>Study End Date</b>	30-Nov-2016								
<b>Total Study Records</b>	91								
	<b>Count</b>	<b>Notes</b>							
<b>Total Book Code Records</b>	11								
<b>Records Omitted</b>	-								
<b>Final Sample Size</b>	11								
<b>Total Book Code Records, FBC</b>									
Clerical (Call Centre)	-								
Clerical (FBC)	28								
<b>Task Times, FBC (hours)</b>									
Clerical (Call Centre)	-								
Clerical (FBC)	8.3336								
<b>Average Task Times, FBC (hours)</b>									
Clerical (Call Center)									
Clerical (FBC)	0.2976								
<b>Resource Types Used in the Study</b>									
	11	ADET							
<b>Vehicles Used</b>									
	4	HALF TON							
<b>Average distance staked (m)</b>	246.6667								
<b>Average Driving Time (hours) per meter</b>	0.0008								
<b>Average Task Time (hours) per meter</b>	0.0091								
<b>Average Office Time (hours) per meter</b>	0.0113								
<b>Total Time (hours) per meter</b>	0.0212								
<b>Calculation Assumptions</b>									
<b>Rates</b>	<b>Base rate, cost</b>	<b>Burden rate</b>	<b>OT Factor</b>	<b>Notes</b>					<b>Notes</b>
Clerical (Real Estate)	\$ 74.70	59.30%	-						
Clerical (FBC)	\$ 74.70		-						
ADET	\$ 79.10		-						
Small vehicle	\$ 10.00		-	-					
<b>Resource</b>	<b>Rsrc. Qty.</b>	<b>Driving time (hrs.)</b>	<b>Drvng. tme. Qty.</b>	<b>Task time (hrs.)</b>	<b>Task tme. Qty.</b>	<b>Office time (hrs.)</b>	<b>Office tme. Qty.</b>	<b>Total</b>	<b>Notes</b>
Clerical (Real Estate)	-							-	
Clerical (FBC)	1.0000			0.0012	1.0000			0.0012	
ADET	1.0000	0.0008	1.0000	0.0091	1.0000	0.0113	1.0000	0.0212	
Small vehicle	1.0000	0.0008	1.0000	0.0091	1.0000			0.0100	

**Table B-25: Study Data for Submarine Cable Line Staking Service Charge**

Underlying Cost Description For:

39c Submarine Cable Line Staking per Meter

<b>Study Start Date</b>	1-Dec-2015								
<b>Study End Date</b>	30-Nov-2016								
<b>Total Study Records</b>	91								
	<b>Count</b>	<b>Notes</b>							
<b>Total Book Code Records</b>	17								
<b>Records Omitted</b>	-								
<b>Final Sample Size</b>	17								
<b>Total Book Code Records, FBC</b>									
Clerical (Call Center)	-								
Clerical (FBC)	28								
<b>Task Times, FBC (hours)</b>									
Clerical (Call Center)	-								
Clerical (FBC)	8.3336								
<b>Average Task Times, FBC (hours)</b>									
Clerical (Call Center)									
Clerical (FBC)	0.2976								
<b>Resource Types Used in the Study</b>									
	15	ADET							
	1	MRDC HH							
<b>Vehicles Used</b>									
	13	HALF TON							
	1	HALF TON TRUCK							
<b>Average distance staked (m)</b>	416.1176								
<b>Average Driving Time (hours) per meter</b>	0.0024								
<b>Average Task Time (hours) per meter</b>	0.0018								
<b>Average Office Time (hours) per meter</b>	0.0151								
<b>Total Time (hours) per meter</b>	0.0192								
<b>Calculation Assumptions</b>									
<b>Rates</b>	<b>Base rate, cost</b>	<b>Burden rate</b>	<b>OT Factor</b>	<b>Notes</b>					<b>Notes</b>
Clerical (Real Estate)	\$ 74.70	59.30%	-						
Clerical (FBC)	\$ 74.70		-						
ADET	\$ 79.10		-						
Small vehicle	\$ 10.00		-	-					
<b>Resource</b>	<b>Rsrc. Qty.</b>	<b>Driving time (hrs.)</b>	<b>Drvng. tme. Qty.</b>	<b>Task time (hrs.)</b>	<b>Task tme. Qty.</b>	<b>Office time (hrs.)</b>	<b>Office tme. Qty.</b>	<b>Total</b>	<b>Notes</b>
Clerical (Real Estate)	-							-	
Clerical (FBC)	1.0000			0.0007	1.0000			0.0007	
ADET	1.0000	0.0024	1.0000	0.0018	1.0000	0.0151	1.0000	0.0192	
Small vehicle	1.0000	0.0024	1.0000	0.0018	1.0000			0.0042	

**Table B-26: Study Data for a Conversion to Central Metering less than 45kW Service Charge**

Underlying Cost Description For:

41 Conversion to Central Metering <45kW (Lines & MDET only)

Study Start Date	1-Dec-2015								
Study End Date	30-Nov-2016								
Total Study Records	10,497								
	Count	Notes							
Total Book Code Records	29								
Records Omitted	-								
Final Sample Size	29								
Total Book Code Records, FBC									
Clerical (Call Centre)	-								
Clerical (FBC)	42								
Task Times, FBC (hours)									
Clerical (Call Centre)	0.13	Estimated 8 minutes; average regular call time is 5 mins. + 3 mins. for complexity of call							
Clerical (FBC)	5.49								
Average Task Times, FBC (hours)									
Clerical (Call Centre)	0.13								
Clerical (FBC)	0.13								
Resource Types Used in the Study									
	2	ADET							
	1	APPRENTICE							
	2	CREW 02, AL, JERRY							
	1	CREW 03							
	1	CREW 03 2 DAYS							
	1	CREW 3							
	2	LINEMAN							
	2	LINES							
	15	RLM							
	2	RLMX4							
Vehicles Used									
	1	BUCKET RBD, PICKUP							
	1	BUCKET RBD PICKUPBUCKET RBD, PICKUP							
	9	BUCKET RBD, PICKUP							
	2	HALF TON							
	2	MHAD							
	1	MHAD, PICKUP, RBD							
	1	PICKUP WEST SERVICE TRUCK							
	2	PICKUP, WEST SERVICE TRUCK							
	4	RBD, BUCKET, PICKUP							
	1	RBD, BUCKET, PIKUP							
	3	RBD, MHAD, HALF TON							
	1	RBP, 2 BUCKET, PICKUP							
	1	RDB, BUCKET, PICKUP							
RLM - Average Driving Time (hours)	0.91								
RLM - Average Task Time (hours)	2.12								
RLM - Average Office Time (hours)	-								
RLM - Total Time (hours)	3.03								
ADET - Average Driving Time (hours)	0.50								
ADET - Average Task Time (hours)	3.00								
ADET - Average Office Time (hours)	-								
ADET - Total Time (hours)	3.50								
Calculation Assumptions									
Rates	Base rate, cost	Burden rate	OT Factor	Notes					Notes
Clerical (Call Centre)	\$ 74.70		-						
Clerical (FBC)	\$ 74.70	59.30%	-						
RLM	\$ 74.07		-						
ADET	\$ 79.10		-						
Small vehicle	\$ 10.00		-	-					small vehicle for ADETS
Large vehicle	\$ 57.00								large vehicle for RLMS
Material - CM	\$ 100.00								
Resource	Rsrc. Qty.	Driving time (hrs.)	Drvng. tme. Qty.	Task time (hrs.)	Task tme. Qty.	Office time (hrs.)	Office tme. Qty.	Total	Notes
Clerical (Call Centre)	1.00			0.13	1.00			0.13	
Clerical (FBC)	1.00			0.13	1.00			0.13	
RLM	2.00	0.91	1.00	2.12	1.00			6.06	
Small vehicle	1.00	0.50	1.00	3.00	1.00			3.50	small vehicle for ADETS
Large vehicle	1.00	0.91	1.00	2.12	1.00			3.03	large vehicle for RLMS
Material - CM	1.00								
ADET	1.00		0.50	1.00	3.00	1.00	-	1.00	3.50

**Table B-27: Study Data for a Conversion to Central Metering greater than 45kW Service Charge**

Underlying Cost Description For:

42 Conversion to Central Metering >45kW (Lines & MDET only)

Study Start Date	1-Dec-2015								
Study End Date	30-Nov-2016								
Total Study Records	10,497								
	Count	Notes							
<b>Total Book Code Records</b>									
Records Omitted									
Final Sample Size									
<b>Total Book Code Records, FBC</b>									
Clerical (Call Centre)	-								
Clerical (FBC)	41								
<b>Task Times, FBC (hours)</b>									
Clerical (Call Centre)	0.13	Estimated 8 minutes; average regular call time is 5 mins. + 3 mins. for complexity of call							
Clerical (FBC)	5.58								
<b>Average Task Times, FBC (hours)</b>									
Clerical (Call Centre)	0.13								
Clerical (FBC)	0.14								
<b>Resource Types Used in the Study</b>									
<b>Vehicles Used</b>									
<b>RLM - Average Driving Time (hours)</b>	0.91	Same as Code 41							
<b>RLM - Average Task Time (hours)</b>	2.12	Same as Code 41							
<b>RLM - Average Office Time (hours)</b>	-	Same as Code 41							
<b>RLM - Total Time (hours)</b>	3.03	Same as Code 41							
<b>ADET - Average Driving Time (hours)</b>	0.50	Same as Code 41							
<b>ADET - Average Task Time (hours)</b>	3.00	Same as Code 41							
<b>ADET - Average Office Time (hours)</b>	0.00	Same as Code 41							
<b>ADET - Total Time (hours)</b>	3.50	Same as Code 41							
<b>Calculation Assumptions</b>									
<b>Rates</b>	<b>Base rate, cost</b>	<b>Burden rate</b>	<b>OT Factor</b>	<b>Notes</b>					<b>Notes</b>
Clerical (Call Centre)	\$ 74.70	59.30%	-						
Clerical (FBC)	\$ 74.70		-						
RLM	\$ 74.07		-						
ADET	\$ 79.10								
Small vehicle	\$ 10.00		-						small vehicle for ADETs
Large vehicle	\$ 57.00								large vehicle for RLMs
Material - CM	\$ 100.00								
<b>Resource Summary</b>									
<b>Resource</b>	<b>Rsrc. Qty.</b>	<b>Driving time (hrs.)</b>	<b>Drvg. tme. Qty.</b>	<b>Task time (hrs.)</b>	<b>Task tme. Qty.</b>	<b>Office time (hrs.)</b>	<b>Office tme. Qty.</b>	<b>Total</b>	<b>Notes</b>
Clerical (Call Centre)	1.00			0.13	1.00			0.13	
Clerical (FBC)	1.00			0.14	1.00			0.14	
RLM	2.00	0.91	1.00	2.12	1.00			6.06	
Small vehicle	1.00	0.50	1.00	3.00	1.00			3.50	small vehicle for ADETs
Large vehicle	1.00	0.91	1.00	2.12	1.00			3.03	large vehicle for RLMs
Material - CM	-								
ADET	1.00	0.50	1.00	3.00	1.00	-	1.00	3.50	

**Table B-28: Study Data for a Connection Impact Assessment for Net Metering Service Charge**

Underlying Cost Description For:

45a Connection Impact Assessments - Net Metering

Study Start Date	1-Feb-2016	
Study End Date	1-Nov-2016	
Total Study Records	70	
	Count	Notes
Total Book Code Records	70	records with non-zero total time
Records Omitted	-	
Final Sample Size	70	
<b>Total Book Code Records</b>		
Clerical (Call Centre), D1A jobs	157	same for all CIAs
Clerical (Call Centre), D1B jobs	98	same for all CIAs
DLT PWU (Grade 64), D2 jobs	1	
Planner (MP4), D2 jobs	1	
Clerical (FBC), D4	69	same for all CIAs
ADET, D4	69	
MP2, D4	69	
MP4, D4	69	
SDET, D4	5	
Small vehicle	70	
<b>Task Times</b>		
Clerical (Call Centre), D1A Time (hours)	68.32	same for all CIAs
Clerical (Call Centre), D1B Time (hours)	17.88	same for all CIAs
DLT PWU (Grade 64), D2 Time (hours)	14.25	
Planner (MP4), D2 Time (hours)	1.83	
Clerical (FBC), D4 Time (hours)	17.25	same for all CIAs
ADET, D4 Time (hours)		
ADET, D4 Time (hours) - Driving	59.22	
ADET, D4 Time (hours) - Task	67.17	
ADET, D4 Time (hours) - Office	46.25	
MP2, D4 Time (hours)	11.33	
MP4, D4 Time (hours)	69.00	
SDET, D4 Time (hours)		
SDET, D4 Time (hours) - Driving	1.37	
SDET, D4 Time (hours) - Task	3.42	
SDET, D4 Time (hours) - Office	3.08	
Small vehicle		
Small vehicle, D4 Time (hours) - Driving	59.22	
Small vehicle, D4 Time (hours) - Task	67.17	
<b>Average Task Times</b>		
Clerical (Call Centre), D1A Average Time (hours)	0.44	same for all CIAs
Clerical (Call Centre), D1B Average Time (hours)	0.18	same for all CIAs
DLT PWU (Grade 64), D2 Average Time (hours)	14.25	
Planner (MP4), D2 Average Time (hours)	1.83	
Clerical (FBC), D4 Average Time (hours)	0.25	same for all CIAs
ADET, D4 Average Time (hours)		
ADET, D4 Average Time (hours) - Driving	0.86	
ADET, D4 Average Time (hours) - Task	0.97	
ADET, D4 Average Time (hours) - Office	0.67	
MP2, D4 Average Time (hours)	0.16	
MP4, D4 Average Time (hours)	1.00	
SDET, D4 Average Time (hours)		
SDET, D4 Average Time (hours) - Driving	0.27	
SDET, D4 Average Time (hours) - Task	0.68	
SDET, D4 Average Time (hours) - Office	0.62	
Small vehicle, D4 Average Time (hours)		
Small vehicle, D4 Average Time (hours) - Driving	0.85	
Small vehicle, D4 Average Time (hours) - Task	0.96	
<b>Total Average Time (hours)</b>	<b>24.00</b>	

Calculation Assumptions							
Rates	Base rate, cost	Burden rate	OT Factor	Notes			Notes
Clerical (Call Centre), D1A	\$ 74.70						
Clerical (Call Centre), D1B	\$ 74.70						
DLT PWU (Grade 64), D2	\$ 83.49						
Planner (MP4), D2	\$ 109.85						
Clerical (FBC), D4	\$ 74.70	59.30%					
ADET, D4	\$ 79.10						
MP2, D4	\$ 97.93						
MP4, D4	\$ 109.85						
SDET, D4	\$ 79.10						
Small vehicle	\$ 10.00						

Resource	Rsrc. Qty.	Driving time (hrs.)	Drvng. tme. Qty.	Task time (hrs.)	Task tme. Qty.	Office time (hrs.)	Office tme. Qty.	Total	Notes
Clerical (Call Centre), D1A	1.00					0.44	1.00	0.44	
Clerical (Call Centre), D1B	1.00					0.18	1.00	0.18	
DLT PWU (Grade 64), D2	1.00					14.25	1.00	14.25	
Planner (MP4), D2	1.00					1.83	1.00	1.83	
Clerical (FBC), D4	1.00					0.25	1.00	0.25	
ADET, D4	1.00	0.86	1.00	0.97	1.00	0.67	1.00	2.50	
MP2, D4	1.00					0.16	1.00	0.16	
MP4, D4	1.00					1.00	1.00	1.00	
SDET, D4	1.00	0.27	1.00	0.68	1.00	0.62	1.00	1.57	
Small vehicle	1.00	0.85	1.00	0.96	1.00			1.81	

**Table B-29: Study Data for a Connection Impact Assessment for Embedded LDC Generators Service Charge**

Underlying Cost Description For:

45b Connection Impact Assessments - Embedded LDC Generators

Study Start Date	1-Feb-2016	
Study End Date	1-Nov-2016	
Total Study Records	70	
	<b>Count</b>	<b>Notes</b>
Total Book Code Records	70	records with non-zero total time
Records Omitted	-	
Final Sample Size	70	
Total Book Code Records		records with non-zero total time
Clerical (Call Centre), D1A jobs	157	same for all CIAs
Clerical (Call Centre), D1B jobs	98	same for all CIAs
DLT PWU (Grade 64), D2 jobs	1	
Assistant Planner (MP2), D2 jobs	1	
PLTS Supervisor (MP4), D2 jobs	1	
Clerical (FBC), D4	69	same for all CIAs
ADET, D4	69	same for all CIAs
MP2, D4	69	
MP4, D4	69	
SDET, D4	5	
Small vehicle	70	
<b>Task Times</b>		
Clerical (Call Centre), D1A Time (hours)	68.32	same for all CIAs
Clerical (Call Centre), D1B Time (hours)	17.88	same for all CIAs
DLT PWU (Grade 64), D2 Time (hours)	1.58	
Assistant Planner (MP2), D2 Time (hours)	10.50	
PLTS Supervisor (MP4), D2 Time (hours)	0.25	
Clerical (FBC), D4 Time (hours)	17.25	same for all CIAs
ADET, D4 Time (hours)		
ADET, D4 Time (hours) - Driving	59.22	same for all CIAs
ADET, D4 Time (hours) - Task	67.17	same for all CIAs
ADET, D4 Time (hours) - Office	46.25	same for all CIAs
MP2, D4 Time (hours)	11.33	
MP4, D4 Time (hours)	69.00	
SDET, D4 Time (hours)		
SDET, D4 Time (hours) - Driving	1.37	
SDET, D4 Time (hours) - Task	3.42	
SDET, D4 Time (hours) - Office	3.08	
Small vehicle		
Small vehicle, D4 Time (hours) - Driving	59.22	
Small vehicle, D4 Time (hours) - Task	67.17	
<b>Average Task Times</b>		
Clerical (Call Centre), D1A Average Time (hours)	0.44	same for all CIAs
Clerical (Call Centre), D1B Average Time (hours)	0.18	same for all CIAs
DLT PWU (Grade 64), D2 Average Time (hours)	1.58	
Assistant Planner (MP2), D2 Average Time (hours)	10.50	
PLTS Supervisor (MP4), D2 Average Time (hours)	0.25	
Clerical (FBC), D4 Average Time (hours)	0.25	same for all CIAs
ADET, D4 Average Time (hours)		
ADET, D4 Average Time (hours) - Driving	0.86	same for all CIAs
ADET, D4 Average Time (hours) - Task	0.97	same for all CIAs
ADET, D4 Average Time (hours) - Office	0.67	same for all CIAs
MP2, D4 Average Time (hours)	0.16	
MP4, D4 Average Time (hours)	1.00	
SDET, D4 Average Time (hours)		
SDET, D4 Average Time (hours) - Driving	0.27	
SDET, D4 Average Time (hours) - Task	0.68	
SDET, D4 Average Time (hours) - Office	0.62	
Small vehicle, D4 Average Time (hours)		
Small vehicle, D4 Average Time (hours) - Driving	0.85	
Small vehicle, D4 Average Time (hours) - Task	0.96	
<b>Total Average Time (hours)</b>	<b>20.25</b>	

Calculation Assumptions							
Rates	Base rate, cost	Burden rate	OT Factor	Notes			Notes
Clerical (Call Centre), D1A	\$ 74.70						
Clerical (Call Centre), D1B	\$ 74.70						
DLT PWU (Grade 64), D2	\$ 83.49						
Assistant Planner (MP2), D2	\$ 97.93						
PLTS Supervisor (MP4), D2	\$ 109.85	59.30%					
Clerical (FBC), D4	\$ 74.70						
ADET, D4	\$ 79.10						
MP2, D4	\$ 97.93						
MP4, D4	\$ 109.85						
SDET, D4	\$ 79.10						
Small vehicle	\$ 10.00						

Resource	Rsrc. Qty.	Driving time (hrs.)	Drvng. tme. Qty.	Task time (hrs.)	Task tme. Qty.	Office time (hrs.)	Office tme. Qty.	Total	Notes
Clerical (Call Centre), D1A	1.00			0.44			1.00	0.44	
Clerical (Call Centre), D1B	1.00			0.18			1.00	0.18	
DLT PWU (Grade 64), D2	1.00			1.58			1.00	1.58	
Assistant Planner (MP2), D2	1.00			10.50			1.00	10.50	
PLTS Supervisor (MP4), D2	1.00			0.25			1.00	0.25	
Clerical (FBC), D4	1.00			0.25			1.00	0.25	
ADET, D4	1.00	0.86	1.00	0.97	1.00	0.67	1.00	2.50	
MP2, D4	1.00			0.16			1.00	0.16	
MP4, D4	1.00			1.00			1.00	1.00	
SDET, D4	1.00	0.27	1.00	0.68	1.00	0.62	1.00	1.57	
Small vehicle	1.00	0.85	1.00	0.96	1.00			1.81	

**Table B-30: Study Data for a Connection Impact Assessment for Small Projects less than 500kW Service Charge**

Underlying Cost Description For:

45c Connection Impact Assessments - Small Projects < 500 kW

Study Start Date	1-Feb-2016									
Study End Date	1-Nov-2016									
Total Study Records	70									
	Count	Notes								
<b>Total Book Code Records</b>	70	records with non-zero total time								
<b>Records Omitted</b>	-									
<b>Final Sample Size</b>	70									
<b>Total Book Code Records</b>		records with non-zero total time								
Clerical (Call Centre), D1A jobs	157	same for all CIAs								
Clerical (Call Centre), D1B jobs	98	same for all CIAs								
DLT PWU (Grade 64), D2 jobs	29									
Assistant Planner (MP2), D2 jobs	29									
Planner (MP4), D2 jobs	29									
PLTS Supervisor (MP4), D2 jobs	29									
Clerical (FBC), D4	69	same for all CIAs								
ADET, D4	69	same for all CIAs								
MP2, D4	69									
MP4, D4	69									
SDET, D4	5									
Small vehicle	70									
<b>Task Times</b>										
Clerical (Call Centre), D1A Time (hours)	68.32	same for all CIAs								
Clerical (Call Centre), D1B Time (hours)	17.88	same for all CIAs								
DLT PWU (Grade 64), D2 Time (hours)	314.58									
Assistant Planner (MP2), D2 Time (hours)	76.83									
Planner (MP4), D2 Time (hours)	57.08									
PLTS Supervisor (MP4), D2 Time (hours)	13.17									
Clerical (FBC), D4 Time (hours)	17.25	same for all CIAs								
ADET, D4 Time (hours)										
ADET, D4 Time (hours) - Driving	59.22	same for all CIAs								
ADET, D4 Time (hours) - Task	67.17	same for all CIAs								
ADET, D4 Time (hours) - Office	46.25	same for all CIAs								
MP2, D4 Time (hours)	11.33									
MP4, D4 Time (hours)	69.00									
SDET, D4 Time (hours)										
SDET, D4 Time (hours) - Driving	1.37									
SDET, D4 Time (hours) - Task	3.42									
SDET, D4 Time (hours) - Office	3.08									
Small vehicle										
Small vehicle, D4 Time (hours) - Driving	59.22									
Small vehicle, D4 Time (hours) - Task	67.17									
<b>Average Task Times</b>										
Clerical (Call Centre), D1A Average Time (hours)	0.44	same for all CIAs								
Clerical (Call Centre), D1B Average Time (hours)	0.18	same for all CIAs								
DLT PWU (Grade 64), D2 Average Time (hours)	10.85									
Assistant Planner (MP2), D2 Average Time (hours)	2.65									
Planner (MP4), D2 Average Time (hours)	1.97									
PLTS Supervisor (MP4), D2 Average Time (hours)	0.45									
Clerical (FBC), D4 Average Time (hours)	0.25	same for all CIAs								
ADET, D4 Average Time (hours)										
ADET, D4 Average Time (hours) - Driving	0.86	same for all CIAs								
ADET, D4 Average Time (hours) - Task	0.97	same for all CIAs								
ADET, D4 Average Time (hours) - Office	0.67	same for all CIAs								
MP2, D4 Average Time (hours)	0.16									
MP4, D4 Average Time (hours)	1.00									
SDET, D4 Average Time (hours)										
SDET, D4 Average Time (hours) - Driving	0.27									
SDET, D4 Average Time (hours) - Task	0.68									
SDET, D4 Average Time (hours) - Office	0.62									
Small vehicle, D4 Average Time (hours)										
Small vehicle, D4 Average Time (hours) - Driving	0.85									
Small vehicle, D4 Average Time (hours) - Task	0.96									
<b>Total Average Time (hours)</b>	<b>23.83</b>									
Calculation Assumptions										
Rates	Base rate, cost	Burden rate	OT Factor	Notes					Notes	
Clerical (Call Centre), D1A	\$ 74.70	59.30%								
Clerical (Call Centre), D1B	\$ 74.70									
DLT PWU (Grade 64), D2	\$ 83.49									
Assistant Planner (MP2), D2	\$ 97.93									
Planner (MP4), D2	\$ 109.85									
PLTS Supervisor (MP4), D2	\$ 109.85									
Clerical (FBC), D4	\$ 74.70									
ADET, D4	\$ 79.10									
MP2, D4	\$ 97.93									
MP4, D4	\$ 109.85									
SDET, D4	\$ 79.10									
Small vehicle	\$ 10.00									
Resource	Rsrc. Qty.		Driving time (hrs.)	Drvg. tme. Qty.	Task time (hrs.)	Task tme. Qty.	Office time (hrs.)	Office tme. Qty.	Total	Notes
Clerical (Call Centre), D1A	1.00						0.44	1.00	0.44	
Clerical (Call Centre), D1B	1.00					0.18	1.00	0.18		
DLT PWU (Grade 64), D2	1.00					10.85	1.00	10.85		
Assistant Planner (MP2), D2	1.00					2.65	1.00	2.65		
Planner (MP4), D2	1.00					1.97	1.00	1.97		
PLTS Supervisor (MP4), D2	1.00					0.45	1.00	0.45		
Clerical (FBC), D4	1.00					0.25	1.00	0.25		
ADET, D4	1.00	0.86	1.00	0.97	1.00	0.67	1.00	2.50		
MP2, D4	1.00					0.16	1.00	0.16		
MP4, D4	1.00					1.00	1.00	1.00		
SDET, D4	1.00	0.27	1.00	0.68	1.00	0.62	1.00	1.57		
Small vehicle	1.00	0.85	1.00	0.96	1.00			1.81		

**Table B-31: Study Data for a Connection Impact Assessment for Small Projects less than 500kW, Simplified Service Charge**

Underlying Cost Description For:

45d Connection Impact Assessments - Small Projects ≤ 500 kW, Simplified

Study Start Date	1-Feb-2016									
Study End Date	1-Nov-2016									
Total Study Records	70	Count	Notes							
Total Book Code Records	70		records with non-zero total time							
Records Omitted	-									
Final Sample Size	70									
Total Book Code Records	70		records with non-zero total time							
Clerical (Call Centre), D1A jobs	157		same for all CIAs							
Clerical (Call Centre), D1B jobs	98		same for all CIAs							
DLT PWU (Grade 64), D2 jobs	2									
Assistant Planner (MP2), D2 jobs	2									
Planner (MP4), D2 jobs	2									
PLTS Supervisor (MP4), D2 jobs	2									
Clerical (FBC), D4	69		same for all CIAs							
ADET, D4	69		same for all CIAs							
MP2, D4	69									
MP4, D4	69									
SDET, D4	5									
Small vehicle	70									
<b>Task Times</b>										
Clerical (Call Centre), D1A Time (hours)	68.32		same for all CIAs							
Clerical (Call Centre), D1B Time (hours)	17.88		same for all CIAs							
DLT PWU (Grade 64), D2 Time (hours)	7.25									
Assistant Planner (MP2), D2 Time (hours)	1.50									
Planner (MP4), D2 Time (hours)	4.25									
PLTS Supervisor (MP4), D2 Time (hours)	0.83									
Clerical (FBC), D4 Time (hours)	17.25		same for all CIAs							
ADET, D4 Time (hours)										
ADET, D4 Time (hours) - Driving	59.22		same for all CIAs							
ADET, D4 Time (hours) - Task	67.17		same for all CIAs							
ADET, D4 Time (hours) - Office	46.25		same for all CIAs							
MP2, D4 Time (hours)	11.33									
MP4, D4 Time (hours)	69.00									
SDET, D4 Time (hours)										
SDET, D4 Time (hours) - Driving	1.37									
SDET, D4 Time (hours) - Task	3.42									
SDET, D4 Time (hours) - Office	3.08									
Small vehicle										
Small vehicle, D4 Time (hours) - Driving	59.22									
Small vehicle, D4 Time (hours) - Task	67.17									
<b>Average Task Times</b>										
Clerical (Call Centre), D1A Average Time (hours)	0.44		same for all CIAs							
Clerical (Call Centre), D1B Average Time (hours)	0.18		same for all CIAs							
DLT PWU (Grade 64), D2 Average Time (hours)	3.63									
Assistant Planner (MP2), D2 Average Time (hours)	0.75									
Planner (MP4), D2 Average Time (hours)	2.13									
PLTS Supervisor (MP4), D2 Average Time (hours)	0.42									
Clerical (FBC), D4 Average Time (hours)	0.25		same for all CIAs							
ADET, D4 Average Time (hours)										
ADET, D4 Average Time (hours) - Driving	0.86		same for all CIAs							
ADET, D4 Average Time (hours) - Task	0.97		same for all CIAs							
ADET, D4 Average Time (hours) - Office	0.67		same for all CIAs							
MP2, D4 Average Time (hours)	0.16									
MP4, D4 Average Time (hours)	1.00									
SDET, D4 Average Time (hours)										
SDET, D4 Average Time (hours) - Driving	0.27									
SDET, D4 Average Time (hours) - Task	0.68									
SDET, D4 Average Time (hours) - Office	0.62									
Small vehicle, D4 Average Time (hours)										
Small vehicle, D4 Average Time (hours) - Driving	0.85									
Small vehicle, D4 Average Time (hours) - Task	0.96									
<b>Total Average Time (hours)</b>	<b>14.83</b>									
<b>Calculation Assumptions</b>										
Rates	Base rate, cost	Burden rate	OT Factor	Notes						Notes
Clerical (Call Centre), D1A	\$ 74.70									
Clerical (Call Centre), D1B	\$ 74.70									
DLT PWU (Grade 64), D2	\$ 83.49									
Assistant Planner (MP2), D2	\$ 97.93									
Planner (MP4), D2	\$ 109.85	59.30%								
PLTS Supervisor (MP4), D2	\$ 109.85									
Clerical (FBC), D4	\$ 74.70									
ADET, D4	\$ 79.10									
MP2, D4	\$ 97.93									
MP4, D4	\$ 109.85									
SDET, D4	\$ 79.10									
Small vehicle	\$ 10.00									
Resource	Rsrc. Qty.	Driving time (hrs.)	Drvng. tme. Qty.	Task time (hrs.)	Task tme. Qty.	Office time (hrs.)	Office tme. Qty.	Total	Notes	
Clerical (Call Centre), D1A	1.00					0.44	1.00	0.44		
Clerical (Call Centre), D1B	1.00					0.18	1.00	0.18		
DLT PWU (Grade 64), D2	1.00					3.63	1.00	3.63		
Assistant Planner (MP2), D2	1.00					0.75	1.00	0.75		
Planner (MP4), D2	1.00					2.13	1.00	2.13		
PLTS Supervisor (MP4), D2	1.00					0.42	1.00	0.42		
Clerical (FBC), D4	1.00					0.25	1.00	0.25		
ADET, D4	1.00		0.86		1.00	0.97	1.00	2.50		
MP2, D4	1.00					0.16	1.00	0.16		
MP4, D4	1.00					1.00	1.00	1.00		
SDET, D4	1.00		0.27		1.00	0.68	1.00	1.57		
Small vehicle	1.00		0.85		1.00	0.96	1.00	1.81		

**Table B-32: Study Data for a Connection Impact Assessments for Greater than CAE CAR Projects Service Charge**

Underlying Cost Description For:

45e Connection Impact Assessments - Greater than Capacity Allocation Exempt Projects - Capacity Allocation Required Projects

Study Start Date	1-Feb-2016								
Study End Date	1-Nov-2016								
Total Study Records	8								
Total Book Code Records	Count	Notes							
Records Omitted	-								
Final Sample Size	8								
Total Book Code Records		records with non-zero total time							
Clerical (Call Centre), D1A jobs	157	same for all CIAs							
Clerical (Call Centre), D1B jobs	98	same for all CIAs							
Intern PWU, D3B jobs	6								
MP2, D3A jobs	6								
MP4, D3A jobs	6								
MP5, D3A jobs	6								
MP2, D3C - Special Studies jobs	12								
MP4, D3B - Estimating jobs	14								
<b>Task Times</b>									
Clerical (Call Centre), D1A Time (hours)	68.32	same for all CIAs							
Clerical (Call Centre), D1B Time (hours)	17.88	same for all CIAs							
Intern PWU, D3B Time (hours)	172.25								
MP2, D3A Time (hours)	53.60								
MP4, D3A Time (hours)	67.00								
MP5, D3A Time (hours)	7.20								
MP2, D3C - Special Studies Time (hours)	26.00								
MP4, D3B - Estimating Time (hours)	112.00								
<b>Average Task Times</b>									
Clerical (Call Centre), D1A Average Time (hours)	0.44	same for all CIAs							
Clerical (Call Centre), D1B Average Time (hours)	0.18	same for all CIAs							
Intern PWU, D3B Average Time (hours)	28.71								
MP2, D3A Average Time (hours)	8.93								
MP4, D3A Average Time (hours)	11.17								
MP5, D3A Average Time (hours)	1.20								
MP2, D3C - Special Studies Average Time (hours)	2.17								
MP4, D3B - Estimating Average Time (hours)	8.00								
<b>Total Average Time (hours)</b>	<b>60.79</b>								
Calculation Assumptions									
Rates	Base rate, cost	Burden rate	OT Factor	Notes			Notes		
Clerical (Call Centre), D1A	\$ 74.70	59.30%							
Clerical (Call Centre), D1B	\$ 74.70								
Intern PWU, D3B	\$ 63.40								
MP2, D3A	\$ 97.93								
MP4, D3A	\$ 109.85								
MP5, D3A	\$ 109.85								
MP2, D3C - Special Studies	\$ 97.93								
MP4, D3B - Estimating	\$ 109.85								
Resource	Rsrc. Qty.	Driving time (hrs.)	Drvng. tme. Qty.	Task time (hrs.)	Task tme. Qty.	Office time (hrs.)	Office tme. Qty.	Total	Notes
Clerical (Call Centre), D1A	1.00					0.44	1.00	0.44	
Clerical (Call Centre), D1B	1.00					0.18	1.00	0.18	
Intern PWU, D3B	1.00					28.71	1.00	28.71	
MP2, D3A	1.00					8.93	1.00	8.93	
MP4, D3A	1.00					11.17	1.00	11.17	
MP5, D3A	1.00					1.20	1.00	1.20	
MP2, D3C - Special Studies	1.00					2.17	1.00	2.17	
MP4, D3B - Estimating	1.00					8.00	1.00	8.00	

**Table B-33: Study Data for a CIA Greater than CAE Projects with a TS Review for LDC CAR Projects Service Charge**

Underlying Cost Description For:

45f Connection Impact Assessments - Greater than Capacity Allocation Exempt Projects - TS Review for LDC Capacity Allocation Required Projects

Study Start Date	1-Feb-2016
Study End Date	1-Nov-2016
Total Study Records	8
Total Book Code Records	8
Records Omitted	-
Final Sample Size	8
Total Book Code Records	8
Clerical (Call Center), D1A jobs	157
Clerical (Call Center), D1B jobs	98
Intern PWU, D3B jobs	8
MP2, D3A jobs	8
MP4, D3A jobs	8
MP5, D3A jobs	8
MP2, D3C - Special Studies jobs	12
MP4, D3B - Estimating jobs	14
Task Times	
Clerical (Call Center), D1A Time (hours)	68.32
Clerical (Call Center), D1B Time (hours)	17.88
Intern PWU, D3B Time (hours)	83.50
MP2, D3A Time (hours)	101.85
MP4, D3A Time (hours)	21.50
MP5, D3A Time (hours)	6.10
MP2, D3C - Special Studies Time (hours)	26.00
MP4, D3B - Estimating Time (hours)	112.00
Average Task Times	
Clerical (Call Center), D1A Average Time (hours)	0.44
Clerical (Call Center), D1B Average Time (hours)	0.18
Intern PWU, D3B Average Time (hours)	10.44
MP2, D3A Average Time (hours)	12.73
MP4, D3A Average Time (hours)	2.69
MP5, D3A Average Time (hours)	0.76
MP2, D3C - Special Studies Average Time (hours)	2.17
MP4, D3B - Estimating Average Time (hours)	8.00
Total Average Time (hours)	37.40

Calculation Assumptions							
Rates	Base rate, cost	Burden rate	OT Factor	Notes			Notes
Clerical (Call Center), D1A	\$ 74.70	59.30%					
Clerical (Call Center), D1B	\$ 74.70						
Intern PWU, D3B	\$ 63.40						
MP2, D3A	\$ 97.93						
MP4, D3A	\$ 109.85						
MP5, D3A	\$ 109.85						
MP2, D3C - Special Studies	\$ 97.93						
MP4, D3B - Estimating	\$ 109.85						

Resource	Rsrc. Qty.	Driving time (hrs.)	Drvng. tme. Qty.	Task time (hrs.)	Task tme. Qty.	Office time (hrs.)	Office tme. Qty.	Total	Notes
Clerical (Call Center), D1A	1.00					0.44	1.00	0.44	
Clerical (Call Center), D1B	1.00					0.18	1.00	0.18	
Intern PWU, D3B	1.00					10.44	1.00	10.44	
MP2, D3A	1.00					12.73	1.00	12.73	
MP4, D3A	1.00					2.69	1.00	2.69	
MP5, D3A	1.00					0.76	1.00	0.76	
MP2, D3C - Special Studies	1.00					2.17	1.00	2.17	
MP4, D3B - Estimating	1.00					8.00	1.00	8.00	

January 26, 2017

Oded Hubert  
Vice President, Regulatory Affairs  
Hydro One Networks Inc.  
7th Floor, South Tower 483 Bay Street  
Toronto, Ontario  
M5G 2P5

Dear Mr. Hubert:

**Re: Hydro One Miscellaneous Service Charges Study**

This letter documents my role as an external independent expert for Hydro One's Miscellaneous Service Charges Study ("Study"). This role was undertaken in accordance with the work plan for the Study which included as an early step:

**Independent Third Party**

*Hydro One also sought guidance from an external expert for guidance and review of Hydro One's approach and methodology to ensure it will meet the study objectives and is defensible in an OEB proceeding. To perform this role, Hydro One leveraged its existing Supply Chain Outline Agreement under which Elenchus was deemed qualified to perform this role.*

My engagement in the process was as follows.

- In October 2015, upon being retained, Maxine Cooper sent me a draft version of the detailed description of the plan for conducting the Study. I reviewed the draft and provided detailed suggestions for enhancing the Study in a meeting on November 4, 2015. I consider the approach that was implemented was appropriate and effective for the intended purpose, as set out in the project plan.
- Prior to completion of the project, I reviewed a preliminary draft of the Study report that was dated November 15, 2016. I provided a memo dated November 25 that included several suggestions for enhancing the analysis, conclusions and presentation contained in the report. I presented my observations during a meeting held on December 1, 2016.
- A revised draft dated December 9, 2016 was sent to me for further review. This draft reflected the comments previously provided and I provided suggestions for further minor revisions.

I have now reviewed the final version of the Study report dated December 29, 2016 and can confirm that the Study was conducted using a thorough and appropriate methodology. I have not conducted an independent audit of the results, but I can confirm that in my view the final methodology and the results of the study provide confidence that the results are reasonable and supported by a detailed assessment of the costs associated with providing the services included in the Study to Hydro One customers.

Sincerely,

A handwritten signature in black ink that reads "John D. Todd".

John D. Todd  
jtodd@elenchus.ca  
(416) 348-9910

**FORM A**

Proceeding: EB-2017-0049

**ACKNOWLEDGMENT OF EXPERT'S DUTY**

1. My name is John Douglas Todd. I live at Toronto, in the province of Ontario .
  
2. I have been engaged by or on behalf of Hydro One Networks Inc. to provide evidence in relation to the above-noted proceeding before the Ontario Energy Board.
  
3. I acknowledge that it is my duty to provide evidence in relation to this proceeding as follows:
  - (a) to provide opinion evidence that is fair, objective and non-partisan;
  - (b) to provide opinion evidence that is related only to matters that are within my area of expertise; and
  - (c) to provide such additional assistance as the Board may reasonably require, to determine a matter in issue.
  
4. I acknowledge that the duty referred to above prevails over any obligation which I may owe to any party by whom or on whose behalf I am engaged.

Date: February 9, 2017



---

*Signature*

## PRESIDENT

John Todd has specialized in government regulation for over 35 years, addressing issues related to price regulation and deregulation, market restructuring to facilitate effective competition, and regulatory methodology. Sectors of primary interest in recent years have included electricity, natural gas and the telecommunications industry. John has assisted counsel in over 250 proceedings and provided expert evidence in over 100 hearings. His clients include regulated companies, producers and generators, competitors, customer groups, regulators and government.

---

## PROFESSIONAL OVERVIEW

### **Founder of Elenchus Research Associates Inc. (Elenchus) 2003**

- ERAI was spun off from ECS (see below) as an independent consulting firm in 2003. There are presently twenty-five ERAI Consultants and Associates. Web address: [www.elenchus.ca](http://www.elenchus.ca)

### **Founded the Canadian Energy Regulation Information Service (CERISE) 2002**

- CERISE is a web-based service providing a decision database, regulatory monitoring and analysis of current issues on a subscription basis. Staff are Rachel Chua and rotating co-op students. Web address: [www.cerise.info](http://www.cerise.info)

### **Founded Econalysis Consulting Services, Inc. (ECS) 1980**

- ECS was divested as a separate company in 2003
- There are presently four ECS consultants: Bill Harper, Mark Garner, Shelley Grice, and James Wightman. Web address: [www.econalysis.ca](http://www.econalysis.ca)

## EDUCATION

1975 Masters in Business Administration in Economics and Management Service, University of Toronto

1972 Bachelors of Science in Electrical Engineering, University of Toronto

## PRIOR EMPLOYMENT

**Ontario Economic Council, Research Officer (Government Regulation) 1978 - 1980**

**Research Assistant, Univ. of Toronto, Faculty of Management Studies 1973 - 1978**

**Bell Canada, Western Area Engineering 1972 – 1973**

## **REGULATORY/LEGAL PROCEEDINGS**

*Provided expert evidence and/or assistance to the applicant or another participant:*

### **Before the Ontario Energy Board**

John Todd has provided expert assistance in a total of 62 proceedings before the Ontario Energy Board from 1991 to 2016. He has presented evidence in 25 of these cases. The most recent case he participated in was the *Independent Electricity System Operator, 2016 Usage Fee*. Evidence: Cost Allocation and Rate Design for the 2016 IESO Usage Fee.

### **Before the Public Utilities Board of Manitoba**

John has provided expert assistance in a total of 46 proceedings before the Public Utilities Board of Manitoba from 1990 to 2015. He has presented evidence in 23 of these cases. The most recent case he participated in was the *City of Winnipeg: Manitoba Hydro 2015/16 GRA and Manitoba Hydro COSS Review*.

### **Before the British Columbia Utilities Commission**

John has provided expert assistance in a total of 33 proceedings before the British Columbia Utilities Commission from 1993 to 2006. He has presented evidence in eight of these cases. The most recent case he participated in was the *British Columbia Transmission Corporation, 2006 Transmission Revenue Requirement*.

### **Before the Régie de l'énergie**

John has provided expert assistance in a total of ten proceedings before the Régie de l'énergie from 1998 to 2014. He has presented evidence in nine of these cases. The most recent case he participated in was the *Report for the Régie de l'énergie, Performance Based Regulation: A Review of Design Options as Background for the Review of PBR for Hydro Quebec Distribution and Transmission Divisions*.

### **Before the Alberta Energy and Utilities Board**

John has provided expert assistance in of two proceedings before the Alberta Energy and Utilities Board in 2001. He has presented evidence in one case. The second case of 2001 was in regards to the case of *Generic, Gas Rate Unbundling (2001-093)*. Evidence: Canadian Experience and Approaches.

### **Before the Newfoundland & Labrador Board of Commissioners of Public Utilities**

John has provided expert assistance in a total of nine proceedings from 2005 to 2015. He has presented evidence in three cases. The most recent proceeding he participated in was the *Newfoundland Power, 2016 Deferred Cost Recovery Application* case.

### **Before the New Brunswick Energy and Utilities Board**

John has provided expert assistance in a total of nine proceedings before the New Brunswick Energy and Utilities Board from 2007 to 2016. He has presented evidence in three cases. The most recent proceeding he participated in was the *2015 New Brunswick Power Customer Cost Allocation Student Review*. Evidence: Cost Allocation Study Review.

### **Before the Nova Scotia Utility and Review Board**

John has provided expert assistance in a total of nine proceedings before the Nova Scotia Utility and Review Board from 2008 to 2016. He has presented evidence in four cases. The most recent proceeding he participated in was *Efficiency One, Updated Cost Allocation Methodology*.

### **Before the National Energy Board (NEB)**

John has provided expert assistance in one proceeding before the NEB, during 1999. The proceeding was in regards to *BC Gas, Southern Crossing Project*.

### **Before the Canadian Radio-television and Telecommunications Commission (CRTC)**

John has provided expert assistance in 47 proceedings before the Canadian Radio-television and Telecommunications Commission from 1990 to 2016. He has presented evidence in 13 of these cases. The most recent proceeding he participated in was a *Review of Basic Telecommunications Services, Consultation CRTC 2015-134*.

### **Before the Ontario Telephone Services Commission (OTSC)**

John has provided expert assistance in one proceeding before the Ontario Telephone Services Commission in 1992. The case was in regards to a *Review of Rate-of-Return Regulation for Public Utility Telephone Companies*. Evidence used: The need for OTSC regulation of municipal utility telcos.

### **Before the Ontario Securities Commission**

John has provided expert assistance in four proceedings before the Ontario Securities Commission from 1981 to 1985. He presented evidence in each case. The most recent proceeding he participated in was a *Securities Industry Review*. Evidence: Industry structure and the form of regulation.

### **Before the Ontario Municipal Board**

John has provided expert evidence and assistance in two proceedings before the Ontario Municipal Board in 1992 and 1995. In 1995, he assisted in a case regarding an *Appeal of Boundary Expansion by Lincoln Hydro and Electric Commission*, with an affidavit prepared on the tests for boundary expansions.

### **Before the Supreme Court of Ontario**

John has presented evidence in one proceeding before the Supreme Court of Ontario, in 1990. The case related to the *Challenge of the Residential Rent Regulation Act (1986) under the Canadian Charter of Rights and Freedoms*. Evidence: The impact of rent regulation on Ontario's rental housing market.

### **Before the Saskatchewan Court of Queen's Bench**

John has presented evidence in one proceeding before the Saskatchewan Court of Queen's Bench, in 1993. The evidence was regarding market dynamics and competition policy.

### **Non-Hearing Processes**

John has provided expert assistance in 17 non-hearing processes since 1997 to the following Ontario Energy Board, British Columbia Gas, the British Columbia Utilities Commission, the New Brunswick Department of Energy, SaskPower, the Government of Vietnam, and more.

## **Commercial Arbitrations and Lawsuits**

John has provided expert assistance in 6 commercial arbitrations and lawsuits between 2004 and 2015.

## **Facilitation Activities**

- 5 Strategic Planning sessions with Executive and/or Board of Directors of regulated companies between 2000 and 2015
- 6 stakeholder processes for regulators and utilities from 2000 through 2016

## **Other Regulatory Issues Researched**

- Over 20 studies completed for regulators, utilities and others outside of hearing processes

## **SELECTED PRESENTATIONS**

- Productivity Benchmarking Panel at Canadian Electrical Association RITG CAMPUT Workshop (May 2016)
- Utility Cost Recovery in an Era of Ageing Infrastructure, Technological Change and Increasing Customer Service Expectation, CEA Legal Committee and Regulatory Innovations Task Group (June 2016)
- MEARIE Training Program, Regulatory Essentials for LDC Executives (2016)
- Issue in Regulatory Framework for Tenaga Nasional Berhad, Indonesia (with Cynthia Chaplin & London Economics) (2015)
- Witness Training for electric utilities 2014 - 2016
- "Innovations in Rate Design", CAMPUT Training Session, Annually 2010-2013
- "Cost of Service Filing Requirements" (2010) 2nd Annual Applications Training for Electricity Distributors, Society of Ontario Adjudicators and Regulators in cooperation with the Ontario Energy Board
- "Green Energy Act" (2010) 2nd Annual Applications Training for Electricity Distributors, Society of Ontario Adjudicators and Regulators in cooperation with Ontario Energy Board
- "Rate Design", CAMPUT Training Session, Annually 2009- 2013
- "How to Build Transmission and Distribution to Enable FIT: The Role of Distributors", EUCI Conference on Feed in Tariffs, Toronto, Sept. 2009
- "Distributor Mergers and Acquisitions: Potential Savings", 2007 Electricity Distributors Assoc.
- "Beyond Borders" Regulating the Transition to Competition in Energy Markets (with Fred Hassan), EnerCom Conference March 2006.

## **SELECTED OTHER ACTIVITIES**

- Organizing Committee for the Concert for Inclusion in support of ParaSport Ontario
- Chairman of the Board of Directors of the Ontario Energy Marketers Association (formerly the Direct Purchase Industry Committee) and Executive Director of the Association.
- Invited participant in the Ontario Energy Board's External Advisory Committee.
- Panelist for "Administrative Tribunals and ADR", Osgoode Hall Law School, Professional Development Program, Continuing Legal Education, April 1997.
- Former Member of the Board of Directors of East Toronto Community Legal Services.
- Numerous appearances on CBC radio and television commenting on energy industry issues, competition, regulation and mergers in the Canadian economy.

## **CLIENTS**

**Over 70 private sector companies, including utilities**

**15 industry and other associations**

**Over 30 consumers' associations and legal clinics**

### **Government**

- 5 Regulatory Tribunals
- 6 Federal departments
- 14 Provincial departments, commissions and agencies
- 13 municipal and other departments/entities

**For John Todd's complete curriculum vitae, please visit: [www.elenchus.ca](http://www.elenchus.ca)**

1 **RATE RIDERS**

2  
3 **1.0 REGULATORY ASSET RATE RIDERS**

4  
5 This Exhibit describes the methodology used to allocate the Regulatory Asset balances,  
6 as identified in Exhibit F1, Tab 1, Schedule 1, among customer classes.

7  
8 The methodology proposed to allocate the Regulatory Asset balances to customer classes  
9 follows the approach approved in previous Hydro One applications for similar regulatory  
10 assets, or aligns with the cost allocators used in the Board's IRM model.

11  
12 Hydro One proposes that Regulatory Assets associated with overall revenue requirement,  
13 such as pension and Smart Grid balances, be disposed of using riders with both a fixed  
14 and volumetric component. Regulatory Assets associated with customer-based charges,  
15 such as Smart Metering Entity charge balances, will be disposed of via a fixed rider.  
16 RSVA balances will be disposed of via a volumetric rider.

17  
18 It is proposed that all Regulatory Assets be disposed of uniformly over the five-year  
19 Custom IR period to smooth customer impacts.

20  
21 Table 1 shows the regulatory accounts and balances proposed for disposition. The table  
22 also lists the allocators used to distribute these costs among customer classes, whether the  
23 balance will be collected via fixed and/or variable charges, and the rationale for using  
24 these allocators.

Witness: Henry Andre

1 **Table 1: Regulatory Asset Account Balances and Allocators Proposed for**  
 2 **Disposition**

Variance Account	Account balance (\$)	Proposed Allocator	Charge Type	Rationale
RSVA-Wholesale Market Service Charge*	-57,762,253	Forecast kWh excluding wholesale market participants	Variable	Previously approved by the Board in EB-2013-0416 and per IRM methodology
RSVA-Wholesale Market Service Charge Class B**	6,100,000	Forecast kWh excluding wholesale market participants, and non-wholesale market participant Class A	Variable	per IRM methodology
RSVA-Retail Transmission Network Charge	16,165,239	Forecast kWh for all customers	Variable	Previously approved by the Board in EB-2013-0416 and per IRM methodology
RSVA-Retail Transmission Connection Charge	54,180,169	Forecast kWh for all customers	Variable	Previously approved by the Board in EB-2013-0416 and per IRM methodology
RSVA-Low Voltage Variance	4,632,820	Forecast kWh for all customers	Variable	Previously approved by the Board in EB-2013-0416 and per IRM methodology
RSVA-Global Adjustment***	59,709,075	Forecast kWh for non-WMS, non-RPP, non-LDC and class B customers	Variable	Previously approved by the Board in EB-2013-0416 and per IRM methodology
RSVA-Power	27,987,497	Forecast kWh excluding wholesale market participants	Variable	Previously approved by the Board in EB-2013-0416 and per IRM methodology
RCVA	39,859	Forecast number of customers	Fixed	Previously approved by the Board in EB-2013-0416 and per IRM methodology
Pension Cost Differential	7,992,068	Revenue Requirement share	Fixed & Variable	Previously approved by the Board in EB-2013-0416 Treated same as other contributors to Revenue Requirement
MicroFIT Connection Charge Variance	-808,408	OM&A from CAM	Fixed & Variable	Previously approved by the Board in EB-2013-0416 and same allocator used in the CAM for Miscellaneous Revenue
Tax Rate Changes	-4,402,764	Net Fixed Assets from CAM	Fixed & Variable	Previously approved by the Board in EB-2013-0416
Green Energy (DG)	630,696	Revenue Requirement share	Fixed & Variable	Previously approved by the Board in EB-2013-0416
Smart Grid	-12,120,206	Revenue Requirement share	Fixed & Variable	Previously approved by the Board in EB-2013-0416
OEB Cost Differential	-1,277,880	OM&A from CAM	Fixed & Variable	Previously approved by the Board in EB-2013-0416
DSC Exemption	9,718,062	Revenue Requirement share	Fixed & Variable	Previously approved by the Board in EB-2013-0416
Smart Meter Entity Charge	301,686	Number of residential and general service energy billed customers	Fixed	Previously approved by the Board in EB-2013-0416
Rate Mitigation	2,361,558	Revenue Requirement share	Fixed & Variable	Associated with over/under collection of Revenue Requirement
Revenue Offset Difference Account - Pole Attachment Charge	-2,277,689	Revenue Requirement share	Fixed & Variable	Revenue Difference associated with Specific Charge for Cable and Telecom Companies Access to the Power Poles

3  
 4 \* Excludes amounts for Sub-account CBR Class A and Class B  
 5 \*\* Class A balance of \$300,000 will be disposed of through billing adjustments  
 6 \*\*\* Excludes amount for customers who transitioned from Class B to Class A (see Section 1.2)

Witness: Henry Andre

1 The 2018 test year’s forecast of the number of customers, annual energy and peak  
 2 demand by rate class are used as charge determinants to derive the annual rate rider  
 3 amounts. Table 2 provides a summary of the proposed Regulatory Asset Riders by rate  
 4 class for all accounts excluding account 1589 RSVA – Global Adjustment. An additional  
 5 Global Adjustment Rate Rider of 0.0019 \$/kWh will apply to all Class B non-RPP, non-  
 6 WMP and non-LDC customers for the entire Custom IR period to dispose of amounts in  
 7 account 1589. Details of the derivation of the rider amounts for all rate classes for each  
 8 year of the Custom IR period are provided in Exhibit H1, Tab 3, Schedule 2.

9  
 10

**Table 2 - 2018 to 2022 Regulatory Assets Rate Rider by Rate Class**

Rate Class	2018-2022		
	Fixed (\$/month)	Variable (\$/kWh or \$/kW)	Variable (\$/kWh or \$/kW) Non WMP, Class B
UR	0.01	0.0001	0.0001
R1	0.00	0.0001	0.0001
R2	-0.02	0.0001	0.0001
Seasonal	0.00	0.0001	0.0001
GSe	0.00	0.0001	0.0001
GSd	-0.02	0.0297	0.0173
UGe	0.01	0.0001	0.0001
UGd	0.01	0.0425	0.0221
St Lgt	0.00	0.0001	0.0001
Sen Lgt	0.00	0.0000	0.0001
USL	-0.01	0.0001	0.0001
DGen	0.01	0.0113	0.0059
ST-General	3.83	0.2341	0.0158
ST-Excl WMP		0.0230	

11  
 12

1 **1.1 Disposal of RSVA-Wholesale Market Service Charge – Sub-Accounts CBR**  
2 **Class B and Class A**

3  
4 In accordance with Section 3 of the OEB’s Accounting Guidance on Capacity Based  
5 Recovery (CBR), issued on July 25, 2016, Hydro One has identified the RSVA-WMSC  
6 CBR amounts associated with class B and class A customers.

7  
8 As shown in Table 4 of Exhibit F1, Tab 1, Schedule 1, the forecast balance at December  
9 31, 2017 of RSVA – Wholesale Market Service Charge Sub-Account CBR Class B and  
10 Class A are \$6.1 million and \$0.3 million, respectively. In accordance with the Board’s  
11 Accounting Guidance on CBR, Hydro One proposes to dispose of \$6.1 million through a  
12 CBR Class B variable rider among all non-WMP class B customers for the entire Custom  
13 IR period, and to dispose of the CBR Class A amount of \$0.3 million through billing  
14 adjustments with each Class A customer individually.

15  
16 **1.2 Disposal of RSVA-Power – Sub-Account – Global Adjustment**

17  
18 In accordance with Chapter 2, Section 2.9.5.1 of the Board’s Filing Requirements for  
19 Electricity Distribution Rate Applications, revised on July 14, 2016, distributors with  
20 former Class B customers who contributed to the GA variance balance but are now Class  
21 A customers are expected to settle the specific GA variance amounts for each customer  
22 who made the switch (from Class B to A) based on the consumption of each customer  
23 during the period they were Class B customers. Nineteen Hydro One customers switched  
24 from Class B to Class A in July 2015. Based on the kWh consumption of these  
25 customers during the period they were Class B customers and using a methodology  
26 consistent with the Board’s IRM model, Hydro One determined that \$3.83 million from  
27 the GA variance balance should be allocated to this group of “former” Class B customers,  
28 to be settled with each customer individually. The remainder of the GA variance balance

Witness: Henry Andre

- 1 (i.e.  $\$63.54\text{M} - \$3.83\text{M} = \$59.71\text{M}$ ) will be disposed of through GA riders to all Class B
- 2 non-RPP, non WMP, non LDC customers.

**DETERMINATION OF RATE RIDERS**

1

2

3 This exhibit has been filed separately in MS Excel.

1 **BILL IMPACT AND MITIGATION**

2  
3 **1. DISTRIBUTION AND TOTAL BILL IMPACTS**

4  
5 Hydro One is committed to aligning customer preferences, compliance and condition  
6 needs of the system, and rate impacts in this current rate Application. This Exhibit shows  
7 in detail the impact that Hydro One's plan will have on a customer's bill. Tables 1 and 2  
8 provide a summary of the distribution and total bill impacts by rate class for a range of  
9 customer consumption levels.

10  
11 A detailed calculation of the impacts by bill component for each rate class, as per the  
12 Board's Filing Requirements for Electricity Distribution Rate Applications (revised on  
13 July 14, 2016), Chapter 2, section 2.8.11, is provided in Attachments 1 to 5. As per the  
14 Board's Filing Requirements, the bill impacts include the impact of all changes to  
15 delivery related items (i.e. base fixed and volumetric distribution rates, riders, RTSR,  
16 losses) while holding constant the commodity, regulatory charges (i.e., wholesale market  
17 service rate, rural rate protection charge) and other government specified items on the bill  
18 (i.e., Debt Retirement Charge, and the Ontario Rebate for Electricity Consumers (OREC)  
19 program's 8% Provincial Rebate).

Witness: Henry Andre



1 The 2021 distribution and total bill impacts for customers of the Acquired Utilities that  
2 will be moving to the new acquired rate classes and the Hydro One existing rate classes  
3 are provided in Table 2.

**Table 2: 2021 Distribution and Total Bill Impacts  
 by Rate Class for Acquired Customers**

Rate Class	Consumption Level	Monthly Consumption (kWh)	Monthly Peak (kW)	Change in DX Bill (\$)	Change in DX Bill (%)	Change in Total Bill (\$)	Change in Total Bill (%)
<b>Former Woodstock Hydro Customers to Hydro One Rate Classes</b>							
AUR	Low	350		\$ 1.08	3.6%	\$ 2.09	2.5%
	Typical	750		\$ 1.08	3.6%	\$ 3.18	2.3%
	Average	600		\$ 1.08	3.6%	\$ 2.77	2.3%
	High	1,400		\$ 1.08	3.6%	\$ 4.95	2.1%
AUGe	Low	1,000		\$ 8.40	21.4%	\$ 8.99	4.7%
	Typical	2,000		\$ 11.50	21.5%	\$ 12.41	3.5%
	Average	2,695		\$ 13.65	21.5%	\$ 14.78	3.1%
	High	15,000		\$ 51.80	21.6%	\$ 56.88	2.3%
AUGd	Low	15,000	60	\$ 149.76	51.3%	\$ 62.17	2.3%
	Average	61,239	177	\$ 302.80	51.3%	\$ 33.54	0.3%
	High	175,000	500	\$ 725.32	51.3%	\$ (51.38)	-0.2%
St Lgt	Average	76,826	211	\$ 3,163.03	62.3%	\$ 3,659.30	21.0%
USL	Average	1,545		\$ 55.34	190.1%	\$ 63.41	24.0%
ST	Low	200,000	500	\$ 656.31	35.1%	\$ 1,425.26	4.4%
	Average	1,037,334	50,794	\$ (47,588.47)	-34.4%	\$ 15,953.99	2.7%
	High	4,000,000	10,000	\$ (1,301.81)	-4.7%	\$ 26,197.01	4.2%
<b>Former Norfolk Power Customers to Hydro One Rate Classes</b>							
AR	Low	400		\$ 3.49	9.5%	\$ 5.43	5.6%
	Typical	750		\$ 3.18	8.6%	\$ 6.64	4.5%
	Average	570		\$ 3.34	9.1%	\$ 6.02	5.0%
	High	1,800		\$ 2.23	5.9%	\$ 10.29	3.5%
AGSe	Low	1,000		\$ (5.82)	-8.9%	\$ (5.60)	-2.5%
	Typical	2,000		\$ (3.22)	-4.0%	\$ 0.05	0.0%
	Average	2,182		\$ (2.75)	-3.3%	\$ 0.86	0.2%
	High	15,000		\$ 30.58	10.5%	\$ 57.85	2.3%
AGSd	Low	15,000	60	\$ 22.56	4.6%	\$ (3.55)	-0.1%
	Average	57,223	161	\$ 116.76	12.7%	\$ 53.84	0.6%
	High	175,000	500	\$ 433.12	18.5%	\$ 246.85	0.8%
St Lgt	Average	1,368	4	\$ 79.47	110.5%	\$ 89.21	32.1%
Sen Lgt	Average	126		\$ 5.23	34.3%	\$ 5.70	16.8%
USL	Average	945		\$ 42.26	175.0%	\$ 48.25	29.7%
<b>Former Haldimand County Hydro Customers to Hydro One Rate Classes</b>							
AR	Low	400		\$ 4.66	13.2%	\$ 5.47	5.7%
	Typical	750		\$ 4.52	12.7%	\$ 5.83	3.9%
	Average	694		\$ 4.54	12.8%	\$ 5.77	4.1%
	High	1,800		\$ 4.10	11.4%	\$ 6.90	2.3%
AGSe	Low	1,000		\$ 13.65	29.8%	\$ 13.18	6.6%
	Typical	2,000		\$ 13.15	20.2%	\$ 11.51	3.1%
	Average	1,819		\$ 13.24	21.5%	\$ 11.81	3.5%
	High	15,000		\$ 6.65	2.1%	\$ (10.23)	-0.4%
AGSd	Low	15,000	60	\$ 191.16	58.7%	\$ 113.28	4.1%
	Average	50,917	143	\$ 281.90	42.5%	\$ 56.09	0.6%
	High	175,000	500	\$ 670.94	31.8%	\$ (155.01)	-0.5%
St Lgt	Average	105,612	274	\$ (3,080.27)	-21.4%	\$ (2,913.58)	-9.1%
Sen Lgt	Average	131		\$ (5.34)	-20.2%	\$ (5.29)	-11.4%
USL	Average	551		\$ 33.45	160.1%	\$ 35.48	35.3%

Average consumption level = Total Rate Class Consumption / Total Number of customers in Rate Class/12

Witness: Henry Andre

1     **2.     RURAL OR REMOTE RATE PROTECTION (“RRRP”)**

2  
3     In November 2016, the Ontario Government amended O. Reg. 442/01 to increase the amount  
4     of RRRP rate protection for eligible rural Hydro One customers from \$127 million to \$243.4  
5     million. This increase became effective January 1, 2017. This additional funding increased  
6     the monthly RRRP fixed charge credit for R2 customers from \$31.50 to \$60.50. As  
7     required by the amendment to O.Reg. 442/01, the level of RRRP funding is to be adjusted  
8     each year. In this Application, Hydro One has estimated a 2018 RRRP funding amount  
9     of \$250.6 million by applying an annual RRRP adjustment factor of 2.96%<sup>1</sup> to the 2017  
10    RRRP amount of \$243.4 million. The resulting estimated monthly RRRP credit for R2  
11    customers is \$63.59<sup>2</sup>.

12  
13    The 2018 RRRP rate protection amount will be updated when Hydro One prepares the  
14    2018 Draft Rate Order and after the Board issues the final 2018 adjustment factor. A  
15    similar process will take place in subsequent years over the Custom IR period as part of  
16    the annual process for approving future rates. The estimated RRRP credit is used for  
17    illustrative purposes when calculating the bill impacts presented in the Application  
18    throughout the Custom IR period.

19  
20    **3.     RATE IMPACT MITIGATION**

21  
22    The total bill impacts across most rate classes resulting from the revenue requirement,  
23    regulatory asset disposition and rate harmonization requested in this Application are

---

<sup>1</sup> The annual RRRP adjustment factor of 2.96% is based on the Board’s Decision on Algoma Power Inc.’s 2017 distribution rate application (EB-2016-0055), which used the same approach for determining the adjustment factor as is proposed in O.Reg 442/01 for calculating the adjustment to the RRRP subsidy amount.

<sup>2</sup> Estimated 2018 RRRP amount = \$250.6 million, Forecast number of R2 customers in 2018 = 328,410, Estimated monthly credit = \$250.6M/328,410/12 = \$63.59

Witness: Henry Andre

1 below the 10% value established by the Board in the *2006 Electricity Distribution Rate*  
2 *Handbook* for customers with typical consumption. As a result, no bill impact mitigation  
3 is required.

4  
5 As discussed below, the classes for which some form of mitigation is required are: i)  
6 DGen customers in 2018-2019; ii) AR customers in 2021; iii) AUGe, AUGd, AGSe and  
7 AGSd customers in 2021-2022; and iii) Street Light, Sentinel Light and USL customers  
8 from the Acquired Utilities.

9  
10 **DGen Customers:**

11 As discussed in Exhibit H1, Tab 1, Schedule 1, Section 2.2, Hydro One proposes to phase  
12 in the R/C ratio of the DGen class from 0.61 in 2017 to within the Board approved range  
13 in 2020 while limiting the total bill impact for a typical DGen customer to no more than  
14 10% per year. No further mitigation beyond phasing-in of the Revenue to Cost ratios  
15 (“R/C ratios”) is required for the DGen rate class.

16  
17 **AUGe, AUGd, AR, AGSe and AGSd Customers:**

18 As discussed in Exhibit H1, Tab 1, Schedule 1, Section 2.2, Hydro One proposes to move  
19 the R/C ratios for the new acquired AUGe, AUGd, AR, AGSe and AGSd classes to  
20 within the Board’s approved range in a manner that limits either the total distribution  
21 impacts or total bill impacts to a level that is consistent with Hydro One customers in  
22 similar rate classes. This approach will result in total bill impacts well below the 10%  
23 total bill impact threshold specified in the Board’s Filing Requirements, and as such, no  
24 further rate mitigation is required for these classes.

1 **Street lights, Sentinel lights and USL Customers from acquired utilities**

2 As discussed in Exhibit G1, Tab 2, Schedule 1, Street light, Sentinel light and USL  
3 customers from the Acquired Utilities will be integrated into the corresponding existing  
4 Hydro One rate classes in 2021.

5  
6 Some of Woodstock Hydro's Street Light and USL customers, Norfolk Power's Street  
7 Light, Sentinel Light and USL customers, and Haldimand County Hydro's Street Light  
8 and USL customers would experience total bill impacts in excess of 10% in 2021 due to  
9 being integrated into the Hydro One rate classes. Hydro One proposes a rate mitigation  
10 plan to limit total bill impacts to 10%, as follows:

- 11
- 12 • The bills will be calculated normally but a bill credit will be applied to each affected  
13 customer to limit the total bill impact to 10%.
  - 14 • For each affected customer, the bill credit will be calculated before January 1, 2021,  
15 based on the average monthly consumption level during the previous twelve months.  
16 The same monthly credit will be applied to all bills for the year.
  - 17 • The bill credit calculation will be an annual exercise (before January 1 of each year,  
18 commencing in 2021), until the total bill impact is less than 10% per year.

19  
20 An illustrative calculation of the monthly mitigation credit for an average customer in  
21 each of the affected classes is provided in Table 3 below.

1 **Table 3: Illustrative Monthly Mitigation Credit for Acquired Street Light, Sentinel**  
 2 **Light and Unmetered customers in 2021 and 2022**

Rate Class	Monthly Consumption (kWh)	2020 Total Bill	2021					2022				
			2021 Total Bill (\$)	Change in Total Bill (\$)	Change in Total Bill (%)	Mitigation Credit (Total Bill Impact 10%)	2021 Total Bill including Mitigation Credit (\$)	2022 Total Bill (\$)	Change in Total Bill (\$)	Change in Total Bill (%)	Mitigation Credit (Total Bill Impact 10%)	2022 Total Bill Including Mitigation Credit (\$)
		a	b			c = b - (a * 1.1)	d = b - c	e			f = e - (d * 1.1)	g = f - e
<b>Former Woodstock Hydro Customers to Hydro One Rate Classes</b>												
St Lgt	76,826	\$ 17,459	\$ 21,118	\$ 3,659	21.0%	\$ 1,913	\$ 19,205	\$ 21,048	\$ 226	1.1%	\$ -	\$ 21,048
USL	1,545	\$ 264	\$ 328	\$ 63	24.0%	\$ 37	\$ 291	\$ 330	\$ 2	0.7%	\$ 10	\$ 320
<b>Former Norfolk Power Customers to Hydro One Rate Classes</b>												
St Lgt	1,368	\$ 278	\$ 367	\$ 89	32.1%	\$ 61	\$ 306	\$ 366	\$ 4	1.1%	\$ 30	\$ 336
USL	945	\$ 162	\$ 211	\$ 48	29.7%	\$ 32	\$ 178	\$ 212	\$ 2	0.8%	\$ 16	\$ 196
Sen Lgt	126	\$ 34	\$ 40	\$ 6	16.8%	\$ 2	\$ 37	\$ 41	\$ 1	2.5%	\$ -	\$ 41
<b>Former Haldimand County Hydro Customers to Hydro One Rate Classes</b>												
St Lgt	105,612	\$ 31,948	\$ 29,034	\$ (2,914)	-9.1%	\$ -	\$ 29,034	\$ 28,937	\$ 311	1.1%	\$ -	\$ 28,937
USL	551	\$ 101	\$ 136	\$ 35	35.3%	\$ 25	\$ 111	\$ 138	\$ 1	1.1%	\$ 16	\$ 122
Sen Lgt	131	\$ 46	\$ 41	\$ (5)	-11.4%	\$ -	\$ 41	\$ 42	\$ 1	2.5%	\$ -	\$ 42

3  
 4  
 5 The costs of this mitigation and related implementation will be tracked in a Bill Impact  
 6 Mitigation variance account, as described in Exhibit F1, Tab 3, Schedule 1. The required  
 7 mitigation will apply in 2021 and 2022 and will likely extend beyond the custom IR  
 8 period in 2023 and 2024 for some customers. The total mitigation credit for these  
 9 acquired customers is estimated at approximately \$3 million for the period 2021 to 2022,  
 10 and \$0.5 million for the period 2023 to 2024.

Witness: Henry Andre

**2018 Bill Impacts (Low Consumption Level)**

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Rate Class	UR
Monthly Consumption (kWh)	350
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	369.95
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	350	0.103	36.05	350	0.103	36.05	0.00	0.00%	44.28%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.05</b>			<b>36.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>44.28%</b>	
TOU-Off Peak	228	0.087	19.79	228	0.087	19.79	0.00	0.00%		23.37%
TOU-Mid Peak	60	0.132	7.85	60	0.132	7.85	0.00	0.00%		9.27%
TOU-On Peak	63	0.180	11.34	63	0.180	11.34	0.00	0.00%		13.39%
<b>Sub-Total: Energy (TOU)</b>			<b>38.99</b>			<b>38.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.88%</b>	<b>46.04%</b>
Service Charge	1	24.78	24.78	1	27.76	27.76	2.98	12.03%	34.09%	32.78%
Fixed Deferral/Variance Account Rider	1	0.72	0.72	1	0.01	0.01	-0.71	-98.61%	0.01%	0.01%
Distribution Volumetric Rate	350	0.0094	3.29	350	0.0079	2.77	-0.53	-15.96%	3.40%	3.27%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	350	-0.0003	-0.11	350	0.0002	0.07	0.18	-166.67%	0.09%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>28.69</b>			<b>30.61</b>	<b>1.92</b>	<b>6.69%</b>	<b>37.59%</b>	<b>36.14%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.97%	0.93%
Line Losses on Cost of Power (based on two-tier RPP prices)	20	0.10	2.05	20	0.10	2.05	0.00	0.00%	2.52%	2.43%
Line Losses on Cost of Power (based on TOU prices)	20	0.11	2.22	20	0.11	2.22	0.00	0.00%	2.73%	2.62%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>31.53</b>			<b>33.45</b>	<b>1.92</b>	<b>6.09%</b>	<b>41.08%</b>	<b>39.50%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>31.70</b>			<b>33.62</b>	<b>1.92</b>	<b>6.06%</b>	<b>41.29%</b>	<b>39.70%</b>
Retail Transmission Rate – Network Service Rate	370	0.0067	2.48	370	0.0078	2.90	0.42	16.84%	3.56%	3.42%
Retail Transmission Rate – Line and Transformation Connection Service Rate	370	0.0047	1.74	370	0.0064	2.38	0.64	36.98%	2.93%	2.81%
<b>Sub-Total: Retail Transmission</b>			<b>4.22</b>			<b>5.28</b>	<b>1.06</b>	<b>25.14%</b>	<b>6.48%</b>	<b>6.23%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>35.75</b>			<b>38.73</b>	<b>2.98</b>	<b>8.34%</b>	<b>47.56%</b>	<b>45.73%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>35.91</b>			<b>38.89</b>	<b>2.98</b>	<b>8.30%</b>	<b>47.77%</b>	<b>45.93%</b>
Wholesale Market Service Rate	370	0.0036	1.33	370	0.0036	1.33	0.00	0.00%	1.64%	1.57%
Rural Rate Protection Charge	370	0.0021	0.78	370	0.0021	0.78	0.00	0.00%	0.95%	0.92%
Ontario Electricity Support Program Charge	370	0.0011	0.41	370	0.0011	0.41	0.00	0.00%	0.50%	0.48%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.31%	0.30%
<b>Sub-Total: Regulatory</b>			<b>2.77</b>			<b>2.77</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.40%</b>	<b>3.27%</b>
<b>Debt Retirement Charge (DRC)</b>	350	0.000	<b>0.00</b>	350	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>74.56</b>			<b>77.54</b>	<b>2.98</b>	<b>4.00%</b>	<b>95.24%</b>	
HST		0.13	9.69		0.13	10.08	0.39	4.00%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>84.26</b>			<b>87.62</b>	<b>3.37</b>	<b>4.00%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-5.97		-0.08	-6.20	-0.24	4.00%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>78.29</b>			<b>81.42</b>	<b>3.13</b>	<b>4.00%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>77.67</b>			<b>80.65</b>	<b>2.98</b>	<b>3.84%</b>		<b>95.24%</b>
HST		0.13	10.10		0.13	10.48	0.39	3.84%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>87.76</b>			<b>91.13</b>	<b>3.37</b>	<b>3.84%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-6.21		-0.08	-6.45	-0.24	3.84%	-7.62%	
<b>Total Amount on TOU</b>			<b>81.55</b>			<b>84.68</b>	<b>3.13</b>	<b>3.84%</b>		<b>100.00%</b>

**2018 Bill Impacts (Typical Consumption Level)**

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Rate Class	UR
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	792.75
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	43.05%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	12.64%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.70%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		28.87%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		11.46%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		16.54%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.20%</b>	<b>56.88%</b>
Service Charge	1	24.78	24.78	1	27.76	27.76	2.98	12.03%	19.34%	18.90%
Fixed Foregone Revenue Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.72	0.72	1	0.01	0.01	-0.71	-98.61%	0.01%	0.01%
Distribution Volumetric Rate	750	0.0094	7.05	750	0.0079	5.93	-1.13	-15.96%	4.13%	4.03%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	750	-0.0003	-0.23	750	0.0002	0.15	0.38	-166.67%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>32.33</b>			<b>33.85</b>	<b>1.52</b>	<b>4.70%</b>	<b>23.58%</b>	<b>23.04%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.55%	0.54%
Line Losses on Cost of Power (based on two-tier RPP prices)	43	0.12	5.17	43	0.12	5.17	0.00	0.00%	3.60%	3.52%
Line Losses on Cost of Power (based on TOU prices)	43	0.11	4.76	43	0.11	4.76	0.00	0.00%	3.32%	3.24%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>38.29</b>			<b>39.81</b>	<b>1.52</b>	<b>3.97%</b>	<b>27.73%</b>	<b>27.10%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>37.88</b>			<b>39.40</b>	<b>1.52</b>	<b>4.01%</b>	<b>27.45%</b>	<b>26.82%</b>
Retail Transmission Rate – Network Service Rate	793	0.0067	5.31	793	0.0078	6.21	0.89	16.84%	4.32%	4.22%
Retail Transmission Rate – Line and Transformation Connection Service Rate	793	0.0047	3.73	793	0.0064	5.10	1.38	36.98%	3.56%	3.47%
<b>Sub-Total: Retail Transmission</b>			<b>9.04</b>			<b>11.31</b>	<b>2.27</b>	<b>25.14%</b>	<b>7.88%</b>	<b>7.70%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>47.33</b>			<b>51.12</b>	<b>3.79</b>	<b>8.01%</b>	<b>35.61%</b>	<b>34.80%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>46.91</b>			<b>50.71</b>	<b>3.79</b>	<b>8.08%</b>	<b>35.32%</b>	<b>34.52%</b>
Wholesale Market Service Rate	793	0.0036	2.85	793	0.0036	2.85	0.00	0.00%	1.99%	1.94%
Rural Rate Protection Charge	793	0.0021	1.66	793	0.0021	1.66	0.00	0.00%	1.16%	1.13%
Ontario Electricity Support Program Charge	793	0.0011	0.87	793	0.0011	0.87	0.00	0.00%	0.61%	0.59%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.17%	0.17%
<b>Sub-Total: Regulatory</b>			<b>5.64</b>			<b>5.64</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.93%</b>	<b>3.84%</b>
<b>Debt Retirement Charge (DRC)</b>	750	0.000	<b>0.00</b>	750	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>132.92</b>			<b>136.71</b>	<b>3.79</b>	<b>2.85%</b>	<b>95.24%</b>	
HST		0.13	17.28		0.13	17.77	0.49	2.85%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>150.19</b>			<b>154.48</b>	<b>4.28</b>	<b>2.85%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-10.63		-0.08	-10.94	-0.30	2.85%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>139.56</b>			<b>143.54</b>	<b>3.98</b>	<b>2.85%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>136.10</b>			<b>139.89</b>	<b>3.79</b>	<b>2.79%</b>		<b>95.24%</b>
HST		0.13	17.69		0.13	18.19	0.49	2.79%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>153.79</b>			<b>158.08</b>	<b>4.28</b>	<b>2.79%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-10.89		-0.08	-11.19	-0.30	2.79%		-7.62%
<b>Total Amount on TOU</b>			<b>142.90</b>			<b>146.88</b>	<b>3.98</b>	<b>2.79%</b>		<b>100.00%</b>

**2018 Bill Impacts (Average Consumption Level)**

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 Exhibit H1-4-1  
 Attachment 1  
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Rate Class	UR
Monthly Consumption (kWh)	755
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	798
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	42.81%	
Energy Second Tier (kWh)	155	0.121	18.76	155	0.121	18.76	0.00	0.00%	12.99%	
<b>Sub-Total: Energy (RPP)</b>			<b>80.56</b>			<b>80.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.80%</b>	
TOU-Off Peak	491	0.087	42.70	491	0.087	42.70	0.00	0.00%		28.91%
TOU-Mid Peak	128	0.132	16.94	128	0.132	16.94	0.00	0.00%		11.47%
TOU-On Peak	136	0.180	24.46	136	0.180	24.46	0.00	0.00%		16.57%
<b>Sub-Total: Energy (TOU)</b>			<b>84.10</b>			<b>84.10</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.25%</b>	<b>56.95%</b>
Service Charge	1	24.78	24.78	1	27.76	27.76	2.98	12.03%	19.23%	18.80%
Fixed Deferral/Variance Account Rider	1	0.72	0.72	1	0.01	0.01	-0.71	-98.61%	0.01%	0.01%
Distribution Volumetric Rate	755	0.0094	7.10	755	0.0079	5.96	-1.13	-15.96%	4.13%	4.04%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	755	-0.0003	-0.23	755	0.0002	0.15	0.38	-166.67%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>32.37</b>			<b>33.89</b>	<b>1.52</b>	<b>4.68%</b>	<b>23.47%</b>	<b>22.95%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.55%	0.54%
Line Losses on Cost of Power (based on two-tier RPP prices)	43	0.12	5.21	43	0.12	5.21	0.00	0.00%	3.61%	3.53%
Line Losses on Cost of Power (based on TOU prices)	43	0.11	4.79	43	0.11	4.79	0.00	0.00%	3.32%	3.25%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>38.37</b>			<b>39.88</b>	<b>1.52</b>	<b>3.95%</b>	<b>27.62%</b>	<b>27.01%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>37.95</b>			<b>39.47</b>	<b>1.52</b>	<b>3.99%</b>	<b>27.34%</b>	<b>26.73%</b>
Retail Transmission Rate – Network Service Rate	798	0.0067	5.35	798	0.0078	6.25	0.90	16.84%	4.33%	4.23%
Retail Transmission Rate – Line and Transformation Connection Service Rate	798	0.0047	3.75	798	0.0064	5.14	1.39	36.98%	3.56%	3.48%
<b>Sub-Total: Retail Transmission</b>			<b>9.10</b>			<b>11.38</b>	<b>2.29</b>	<b>25.14%</b>	<b>7.89%</b>	<b>7.71%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>47.47</b>			<b>51.27</b>	<b>3.80</b>	<b>8.01%</b>	<b>35.51%</b>	<b>34.72%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>47.05</b>			<b>50.85</b>	<b>3.80</b>	<b>8.08%</b>	<b>35.22%</b>	<b>34.44%</b>
Wholesale Market Service Rate	798	0.0036	2.87	798	0.0036	2.87	0.00	0.00%	1.99%	1.95%
Rural Rate Protection Charge	798	0.0021	1.68	798	0.0021	1.68	0.00	0.00%	1.16%	1.13%
Ontario Electricity Support Program Charge	798	0.0011	0.88	798	0.0011	0.88	0.00	0.00%	0.61%	0.59%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.17%	0.17%
<b>Sub-Total: Regulatory</b>			<b>5.68</b>			<b>5.68</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.93%</b>	<b>3.84%</b>
<b>Debt Retirement Charge (DRC)</b>	755	0.000	<b>0.00</b>	755	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>133.70</b>			<b>137.50</b>	<b>3.80</b>	<b>2.84%</b>	<b>95.24%</b>	
HST		0.13	17.38		0.13	17.87	0.49	2.84%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>151.08</b>			<b>155.37</b>	<b>4.30</b>	<b>2.84%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-10.70		-0.08	-11.00	-0.30	2.84%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>140.38</b>			<b>144.37</b>	<b>3.99</b>	<b>2.84%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>136.83</b>			<b>140.63</b>	<b>3.80</b>	<b>2.78%</b>		<b>95.24%</b>
HST		0.13	17.79		0.13	18.28	0.49	2.78%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>154.62</b>			<b>158.91</b>	<b>4.30</b>	<b>2.78%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-10.95		-0.08	-11.25	-0.30	2.78%		-7.62%
<b>Total Amount on TOU</b>			<b>143.67</b>			<b>147.66</b>	<b>3.99</b>	<b>2.78%</b>		<b>100.00%</b>

**2018 Bill Impacts (High Consumption Level)**

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Rate Class	UR
Monthly Consumption (kWh)	1400
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1479.8
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	24.57%	
Energy Second Tier (kWh)	800	0.121	96.80	800	0.121	96.80	0.00	0.00%	38.48%	
<b>Sub-Total: Energy (RPP)</b>			<b>158.60</b>			<b>158.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>63.05%</b>	
TOU-Off Peak	910	0.087	79.17	910	0.087	79.17	0.00	0.00%		31.93%
TOU-Mid Peak	238	0.132	31.42	238	0.132	31.42	0.00	0.00%		12.67%
TOU-On Peak	252	0.180	45.36	252	0.180	45.36	0.00	0.00%		18.29%
<b>Sub-Total: Energy (TOU)</b>			<b>155.95</b>			<b>155.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>61.99%</b>	<b>62.89%</b>
Service Charge	1	24.78	24.78	1	27.76	27.76	2.98	12.03%	11.04%	11.20%
Fixed Deferral/Variance Account Rider	1	0.72	0.72	1	0.01	0.01	-0.71	-98.61%	0.00%	0.00%
Distribution Volumetric Rate	1,400	0.0094	13.16	1,400	0.0079	11.06	-2.10	-15.96%	4.40%	4.46%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,400	-0.0003	-0.42	1,400	0.0002	0.28	0.70	-166.67%	0.11%	0.11%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>38.24</b>			<b>39.11</b>	<b>0.87</b>	<b>2.28%</b>	<b>15.55%</b>	<b>15.77%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.31%	0.32%
Line Losses on Cost of Power (based on two-tier RPP prices)	80	0.12	9.66	80	0.12	9.66	0.00	0.00%	3.84%	3.89%
Line Losses on Cost of Power (based on TOU prices)	80	0.11	8.89	80	0.11	8.89	0.00	0.00%	3.53%	3.58%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>48.69</b>			<b>49.56</b>	<b>0.87</b>	<b>1.79%</b>	<b>19.70%</b>	<b>19.98%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>47.92</b>			<b>48.79</b>	<b>0.87</b>	<b>1.82%</b>	<b>19.39%</b>	<b>19.68%</b>
Retail Transmission Rate – Network Service Rate	1,480	0.0067	9.91	1,480	0.0078	11.58	1.67	16.84%	4.60%	4.67%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,480	0.0047	6.96	1,480	0.0064	9.53	2.57	36.98%	3.79%	3.84%
<b>Sub-Total: Retail Transmission</b>			<b>16.87</b>			<b>21.11</b>	<b>4.24</b>	<b>25.14%</b>	<b>8.39%</b>	<b>8.51%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>65.56</b>			<b>70.67</b>	<b>5.11</b>	<b>7.80%</b>	<b>28.09%</b>	<b>28.50%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>64.79</b>			<b>69.90</b>	<b>5.11</b>	<b>7.89%</b>	<b>27.79%</b>	<b>28.19%</b>
Wholesale Market Service Rate	1,480	0.0036	5.33	1,480	0.0036	5.33	0.00	0.00%	2.12%	2.15%
Rural Rate Protection Charge	1,480	0.0021	3.11	1,480	0.0021	3.11	0.00	0.00%	1.24%	1.25%
Ontario Electricity Support Program Charge	1,480	0.0011	1.63	1,480	0.0011	1.63	0.00	0.00%	0.65%	0.66%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Regulatory</b>			<b>10.31</b>			<b>10.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.10%</b>	<b>4.16%</b>
Debt Retirement Charge (DRC)	1,400	0.000	0.00	1,400	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>234.47</b>			<b>239.58</b>	<b>5.11</b>	<b>2.18%</b>	<b>95.24%</b>	
HST		0.13	30.48		0.13	31.15	0.66	2.18%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>264.95</b>			<b>270.72</b>	<b>5.78</b>	<b>2.18%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-18.76		-0.08	-19.17	-0.41	2.18%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>246.19</b>			<b>251.56</b>	<b>5.37</b>	<b>2.18%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>231.05</b>			<b>236.16</b>	<b>5.11</b>	<b>2.21%</b>		<b>95.24%</b>
HST		0.13	30.04		0.13	30.70	0.66	2.21%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>261.08</b>			<b>266.86</b>	<b>5.78</b>	<b>2.21%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-18.48		-0.08	-18.89	-0.41	2.21%		-7.62%
<b>Total Amount on TOU</b>			<b>242.60</b>			<b>247.97</b>	<b>5.37</b>	<b>2.21%</b>		<b>100.00%</b>

**2018 Bill Impacts (Low Consumption Level)**

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Rate Class	R1
Monthly Consumption (kWh)	400
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	430
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	400	0.103	41.20	400	0.103	41.20	0.00	0.00%	38.96%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>41.20</b>			<b>41.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>38.96%</b>	
TOU-Off Peak	260	0.087	22.62	260	0.087	22.62	0.00	0.00%		20.65%
TOU-Mid Peak	68	0.132	8.98	68	0.132	8.98	0.00	0.00%		8.19%
TOU-On Peak	72	0.180	12.96	72	0.180	12.96	0.00	0.00%		11.83%
<b>Sub-Total: Energy (TOU)</b>			<b>44.56</b>			<b>44.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>42.14%</b>	<b>40.68%</b>
Service Charge	1	33.77	33.77	1	37.83	37.83	4.06	12.02%	35.78%	34.54%
Fixed Deferral/Variance Account Rider	1	0.82	0.82	1	0.00	0.00	-0.82	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	400	0.023	9.20	400	0.0220	8.80	-0.40	-4.35%	8.32%	8.03%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	400	-0.0002	-0.08	400	0.0002	0.08	0.16	-200.00%	0.08%	0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>43.71</b>			<b>46.71</b>	<b>3.00</b>	<b>6.86%</b>	<b>44.17%</b>	<b>42.64%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.75%	0.72%
Line Losses on Cost of Power (based on two-tier RPP prices)	30	0.10	3.13	30	0.10	3.13	0.00	0.00%	2.96%	2.86%
Line Losses on Cost of Power (based on TOU prices)	30	0.11	3.39	30	0.11	3.39	0.00	0.00%	3.20%	3.09%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>47.63</b>			<b>50.63</b>	<b>3.00</b>	<b>6.30%</b>	<b>47.88%</b>	<b>46.22%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>47.89</b>			<b>50.89</b>	<b>3.00</b>	<b>6.26%</b>	<b>48.12%</b>	<b>46.46%</b>
Retail Transmission Rate – Network Service Rate	430	0.0064	2.75	430	0.0072	3.10	0.35	12.61%	2.93%	2.83%
Retail Transmission Rate – Line and Transformation Connection Service Rate	430	0.0047	2.02	430	0.0060	2.60	0.57	28.34%	2.46%	2.37%
<b>Sub-Total: Retail Transmission</b>			<b>4.78</b>			<b>5.70</b>	<b>0.92</b>	<b>19.27%</b>	<b>5.39%</b>	<b>5.20%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>52.41</b>			<b>56.33</b>	<b>3.92</b>	<b>7.48%</b>	<b>53.27%</b>	<b>51.43%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>52.66</b>			<b>56.58</b>	<b>3.92</b>	<b>7.44%</b>	<b>53.51%</b>	<b>51.66%</b>
Wholesale Market Service Rate	430	0.0036	1.55	430	0.0036	1.55	0.00	0.00%	1.47%	1.41%
Rural Rate Protection Charge	430	0.0021	0.90	430	0.0021	0.90	0.00	0.00%	0.85%	0.83%
Ontario Electricity Support Program Charge	430	0.0011	0.47	430	0.0011	0.47	0.00	0.00%	0.45%	0.43%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.24%	0.23%
<b>Sub-Total: Regulatory</b>			<b>3.18</b>			<b>3.18</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.00%</b>	<b>2.90%</b>
<b>Debt Retirement Charge (DRC)</b>	400	0.000	<b>0.00</b>	400	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>96.79</b>			<b>100.71</b>	<b>3.92</b>	<b>4.05%</b>	<b>95.24%</b>	
HST		0.13	12.58		0.13	13.09	0.51	4.05%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>109.37</b>			<b>113.80</b>	<b>4.43</b>	<b>4.05%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-7.74		-0.08	-8.06	-0.31	4.05%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>101.62</b>			<b>105.74</b>	<b>4.12</b>	<b>4.05%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>100.40</b>			<b>104.32</b>	<b>3.92</b>	<b>3.91%</b>		<b>95.24%</b>
HST		0.13	13.05		0.13	13.56	0.51	3.91%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>113.45</b>			<b>117.88</b>	<b>4.43</b>	<b>3.91%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-8.03		-0.08	-8.35	-0.31	3.91%		-7.62%
<b>Total Amount on TOU</b>			<b>105.42</b>			<b>109.53</b>	<b>4.12</b>	<b>3.91%</b>		<b>100.00%</b>

**2018 Bill Impacts (Typical Consumption Level)**

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Rate Class	R1
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	807
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	37.12%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	10.90%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.03%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		25.00%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		9.92%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		14.32%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.19%</b>	<b>49.24%</b>
Service Charge	1	33.77	33.77	1	37.83	37.83	4.06	12.02%	22.73%	22.30%
Fixed Deferral/Variance Account Rider	1	0.82	0.82	1	0.00	0.00	-0.82	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	750	0.023	17.25	750	0.0220	16.50	-0.75	-4.35%	9.91%	9.73%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	750	-0.0002	-0.15	750	0.0002	0.15	0.30	-200.00%	0.09%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>51.69</b>			<b>54.48</b>	<b>2.79</b>	<b>5.40%</b>	<b>32.73%</b>	<b>32.11%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.47%	0.47%
Line Losses on Cost of Power (based on two-tier RPP prices)	57	0.12	6.90	57	0.12	6.90	0.00	0.00%	4.14%	4.07%
Line Losses on Cost of Power (based on TOU prices)	57	0.11	6.35	57	0.11	6.35	0.00	0.00%	3.81%	3.74%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>59.38</b>			<b>62.17</b>	<b>2.79</b>	<b>4.70%</b>	<b>37.35%</b>	<b>36.64%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>58.83</b>			<b>61.62</b>	<b>2.79</b>	<b>4.74%</b>	<b>37.02%</b>	<b>36.32%</b>
Retail Transmission Rate – Network Service Rate	807	0.0064	5.16	807	0.0072	5.82	0.65	12.61%	3.49%	3.43%
Retail Transmission Rate – Line and Transformation Connection Service Rate	807	0.0047	3.79	807	0.0060	4.87	1.07	28.34%	2.92%	2.87%
<b>Sub-Total: Retail Transmission</b>			<b>8.96</b>			<b>10.68</b>	<b>1.73</b>	<b>19.27%</b>	<b>6.42%</b>	<b>6.30%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>68.33</b>			<b>72.85</b>	<b>4.52</b>	<b>6.61%</b>	<b>43.76%</b>	<b>42.94%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>67.79</b>			<b>72.30</b>	<b>4.52</b>	<b>6.66%</b>	<b>43.43%</b>	<b>42.62%</b>
Wholesale Market Service Rate	807	0.0036	2.91	807	0.0036	2.91	0.00	0.00%	1.75%	1.71%
Rural Rate Protection Charge	807	0.0021	1.69	807	0.0021	1.69	0.00	0.00%	1.02%	1.00%
Ontario Electricity Support Program Charge	807	0.0011	0.89	807	0.0011	0.89	0.00	0.00%	0.53%	0.52%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.15%	0.15%
<b>Sub-Total: Regulatory</b>			<b>5.74</b>			<b>5.74</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.45%</b>	<b>3.38%</b>
<b>Debt Retirement Charge (DRC)</b>	750	0.000	<b>0.00</b>	750	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>154.02</b>			<b>158.54</b>	<b>4.52</b>	<b>2.93%</b>	<b>95.24%</b>	
HST		0.13	20.02		0.13	20.61	0.59	2.93%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>174.05</b>			<b>179.15</b>	<b>5.10</b>	<b>2.93%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-12.32		-0.08	-12.68	-0.36	2.93%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>161.72</b>			<b>166.47</b>	<b>4.74</b>	<b>2.93%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>157.07</b>			<b>161.58</b>	<b>4.52</b>	<b>2.88%</b>		<b>95.24%</b>
HST		0.13	20.42		0.13	21.01	0.59	2.88%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>177.49</b>			<b>182.59</b>	<b>5.10</b>	<b>2.88%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-12.57		-0.08	-12.93	-0.36	2.88%		-7.62%
<b>Total Amount on TOU</b>			<b>164.92</b>			<b>169.66</b>	<b>4.74</b>	<b>2.88%</b>		<b>100.00%</b>

**2018 Bill Impacts (Average Consumption Level)**

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Rate Class	R1
Monthly Consumption (kWh)	920
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	990
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	31.29%	
Energy Second Tier (kWh)	320	0.121	38.72	320	0.121	38.72	0.00	0.00%	19.60%	
<b>Sub-Total: Energy (RPP)</b>			<b>100.52</b>			<b>100.52</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.89%</b>	
TOU-Off Peak	598	0.087	52.03	598	0.087	52.03	0.00	0.00%		26.16%
TOU-Mid Peak	156	0.132	20.64	156	0.132	20.64	0.00	0.00%		10.38%
TOU-On Peak	166	0.180	29.81	166	0.180	29.81	0.00	0.00%		14.99%
<b>Sub-Total: Energy (TOU)</b>			<b>102.48</b>			<b>102.48</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.88%</b>	<b>51.53%</b>
Service Charge	1	33.77	33.77	1	37.83	37.83	4.06	12.02%	19.15%	19.02%
Fixed Deferral/Variance Account Rider	1	0.82	0.82	1	0.00	0.00	-0.82	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	920	0.023	21.16	920	0.0220	20.24	-0.92	-4.35%	10.25%	10.18%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	920	-0.0002	-0.18	920	0.0002	0.18	0.37	-200.00%	0.09%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>55.57</b>			<b>58.25</b>	<b>2.69</b>	<b>4.84%</b>	<b>29.49%</b>	<b>29.29%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.40%	0.40%
Line Losses on Cost of Power (based on two-tier RPP prices)	70	0.12	8.46	70	0.12	8.46	0.00	0.00%	4.28%	4.25%
Line Losses on Cost of Power (based on TOU prices)	70	0.11	7.79	70	0.11	7.79	0.00	0.00%	3.94%	3.92%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>64.82</b>			<b>67.50</b>	<b>2.69</b>	<b>4.15%</b>	<b>34.18%</b>	<b>33.94%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>64.14</b>			<b>66.83</b>	<b>2.69</b>	<b>4.19%</b>	<b>33.84%</b>	<b>33.61%</b>
Retail Transmission Rate – Network Service Rate	990	0.0064	6.34	990	0.0072	7.13	0.80	12.61%	3.61%	3.59%
Retail Transmission Rate – Line and Transformation Connection Service Rate	990	0.0047	4.65	990	0.0060	5.97	1.32	28.34%	3.02%	3.00%
<b>Sub-Total: Retail Transmission</b>			<b>10.99</b>			<b>13.11</b>	<b>2.12</b>	<b>19.27%</b>	<b>6.64%</b>	<b>6.59%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>75.80</b>			<b>80.61</b>	<b>4.81</b>	<b>6.34%</b>	<b>40.81%</b>	<b>40.53%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>75.13</b>			<b>79.94</b>	<b>4.81</b>	<b>6.40%</b>	<b>40.47%</b>	<b>40.20%</b>
Wholesale Market Service Rate	990	0.0036	3.56	990	0.0036	3.56	0.00	0.00%	1.80%	1.79%
Rural Rate Protection Charge	990	0.0021	2.08	990	0.0021	2.08	0.00	0.00%	1.05%	1.05%
Ontario Electricity Support Program Charge	990	0.0011	1.09	990	0.0011	1.09	0.00	0.00%	0.55%	0.55%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.13%	0.13%
<b>Sub-Total: Regulatory</b>			<b>6.98</b>			<b>6.98</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.53%</b>	<b>3.51%</b>
<b>Debt Retirement Charge (DRC)</b>	920	0.000	<b>0.00</b>	920	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>183.31</b>			<b>188.11</b>	<b>4.81</b>	<b>2.62%</b>	<b>95.24%</b>	
HST		0.13	23.83		0.13	24.45	0.62	2.62%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>207.14</b>			<b>212.57</b>	<b>5.43</b>	<b>2.62%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-14.66		-0.08	-15.05	-0.38	2.62%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>192.47</b>			<b>197.52</b>	<b>5.05</b>	<b>2.62%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>184.59</b>			<b>189.40</b>	<b>4.81</b>	<b>2.60%</b>		<b>95.24%</b>
HST		0.13	24.00		0.13	24.62	0.62	2.60%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>208.59</b>			<b>214.02</b>	<b>5.43</b>	<b>2.60%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-14.77		-0.08	-15.15	-0.38	2.60%		-7.62%
<b>Total Amount on TOU</b>			<b>193.82</b>			<b>198.87</b>	<b>5.05</b>	<b>2.60%</b>		<b>100.00%</b>

**2018 Bill Impacts (High Consumption Level)**

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Rate Class	R1
Monthly Consumption (kWh)	1800
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1937
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	17.25%	
Energy Second Tier (kWh)	1,200	0.121	145.20	1,200	0.121	145.20	0.00	0.00%	40.53%	
<b>Sub-Total: Energy (RPP)</b>			<b>207.00</b>			<b>207.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.78%</b>	
TOU-Off Peak	1,170	0.087	101.79	1,170	0.087	101.79	0.00	0.00%		29.08%
TOU-Mid Peak	306	0.132	40.39	306	0.132	40.39	0.00	0.00%		11.54%
TOU-On Peak	324	0.180	58.32	324	0.180	58.32	0.00	0.00%		16.66%
<b>Sub-Total: Energy (TOU)</b>			<b>200.50</b>			<b>200.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.97%</b>	<b>57.28%</b>
Service Charge	1	33.77	33.77	1	37.83	37.83	4.06	12.02%	10.56%	10.81%
Fixed Deferral/Variance Account Rider	1	0.82	0.82	1	0.00	0.00	-0.82	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	1,800	0.023	41.40	1,800	0.0220	39.60	-1.80	-4.35%	11.05%	11.31%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,800	-0.0002	-0.36	1,800	0.0002	0.36	0.72	-200.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>75.63</b>			<b>77.79</b>	<b>2.16</b>	<b>2.86%</b>	<b>21.71%</b>	<b>22.22%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.22%	0.23%
Line Losses on Cost of Power (based on two-tier RPP prices)	137	0.12	16.55	137	0.12	16.55	0.00	0.00%	4.62%	4.73%
Line Losses on Cost of Power (based on TOU prices)	137	0.11	15.24	137	0.11	15.24	0.00	0.00%	4.25%	4.35%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>92.97</b>			<b>95.13</b>	<b>2.16</b>	<b>2.32%</b>	<b>26.55%</b>	<b>27.18%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>91.66</b>			<b>93.82</b>	<b>2.16</b>	<b>2.36%</b>	<b>26.19%</b>	<b>26.80%</b>
Retail Transmission Rate – Network Service Rate	1,937	0.0064	12.40	1,937	0.0072	13.96	1.56	12.61%	3.90%	3.99%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,937	0.0047	9.10	1,937	0.0060	11.68	2.58	28.34%	3.26%	3.34%
<b>Sub-Total: Retail Transmission</b>			<b>21.50</b>			<b>25.64</b>	<b>4.14</b>	<b>19.27%</b>	<b>7.16%</b>	<b>7.33%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>114.47</b>			<b>120.77</b>	<b>6.30</b>	<b>5.51%</b>	<b>33.71%</b>	<b>34.50%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>113.16</b>			<b>119.46</b>	<b>6.30</b>	<b>5.57%</b>	<b>33.34%</b>	<b>34.13%</b>
Wholesale Market Service Rate	1,937	0.0036	6.97	1,937	0.0036	6.97	0.00	0.00%	1.95%	1.99%
Rural Rate Protection Charge	1,937	0.0021	4.07	1,937	0.0021	4.07	0.00	0.00%	1.14%	1.16%
Ontario Electricity Support Program Charge	1,937	0.0011	2.13	1,937	0.0011	2.13	0.00	0.00%	0.59%	0.61%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.07%	0.07%
<b>Sub-Total: Regulatory</b>			<b>13.42</b>			<b>13.42</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.75%</b>	<b>3.83%</b>
<b>Debt Retirement Charge (DRC)</b>	1,800	0.000	<b>0.00</b>	1,800	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>334.89</b>			<b>341.19</b>	<b>6.30</b>	<b>1.88%</b>	<b>95.24%</b>	
HST		0.13	43.54		0.13	44.36	0.82	1.88%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>378.43</b>			<b>385.55</b>	<b>7.12</b>	<b>1.88%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-26.79		-0.08	-27.30	-0.50	1.88%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>351.64</b>			<b>358.25</b>	<b>6.62</b>	<b>1.88%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>327.08</b>			<b>333.38</b>	<b>6.30</b>	<b>1.93%</b>		<b>95.24%</b>
HST		0.13	42.52		0.13	43.34	0.82	1.93%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>369.60</b>			<b>376.72</b>	<b>7.12</b>	<b>1.93%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-26.17		-0.08	-26.67	-0.50	1.93%		-7.62%
<b>Total Amount on TOU</b>			<b>343.43</b>			<b>350.05</b>	<b>6.62</b>	<b>1.93%</b>		<b>100.00%</b>

**2018 Bill Impacts (Low Consumption Level)**

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Rate Class	R2
Monthly Consumption (kWh)	450
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	497.25
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	450	0.103	46.35	450	0.103	46.35	0.00	0.00%	42.73%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>46.35</b>			<b>46.35</b>	<b>0.00</b>	<b>0.00%</b>	<b>42.73%</b>	
TOU-Off Peak	293	0.087	25.45	293	0.087	25.45	0.00	0.00%		22.55%
TOU-Mid Peak	77	0.132	10.10	77	0.132	10.10	0.00	0.00%		8.95%
TOU-On Peak	81	0.180	14.58	81	0.180	14.58	0.00	0.00%		12.92%
<b>Sub-Total: Energy (TOU)</b>			<b>50.13</b>			<b>50.13</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.21%</b>	<b>44.42%</b>
Service Charge (RRRP credit applied)	1	19.83	19.83	1	25.11	25.11	5.28	26.62%	23.15%	22.25%
Fixed Deferral/Variance Account Rider	1	1.36	1.36	1	-0.02	-0.02	-1.38	-101.47%	-0.02%	-0.02%
Distribution Volumetric Rate	450	0.0374	16.83	450	0.0363	16.34	-0.50	-2.94%	15.06%	14.48%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	450	0.0000	0.00	450	0.0002	0.09	0.09	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>38.02</b>			<b>41.51</b>	<b>3.49</b>	<b>9.19%</b>	<b>38.27%</b>	<b>36.79%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.73%	0.70%
Line Losses on Cost of Power (based on two-tier RPP prices)	47	0.10	4.87	47	0.10	4.87	0.00	0.00%	4.49%	4.31%
Line Losses on Cost of Power (based on TOU prices)	47	0.11	5.26	47	0.11	5.26	0.00	0.00%	4.85%	4.66%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>43.68</b>			<b>47.17</b>	<b>3.49</b>	<b>8.00%</b>	<b>43.49%</b>	<b>41.80%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>44.07</b>			<b>47.57</b>	<b>3.49</b>	<b>7.93%</b>	<b>43.85%</b>	<b>42.15%</b>
Retail Transmission Rate – Network Service Rate	497	0.0062	3.08	497	0.0067	3.35	0.27	8.71%	3.09%	2.97%
Retail Transmission Rate – Line and Transformation Connection Service Rate	497	0.0044	2.19	497	0.0056	2.80	0.61	27.95%	2.58%	2.48%
<b>Sub-Total: Retail Transmission</b>			<b>5.27</b>			<b>6.15</b>	<b>0.88</b>	<b>16.70%</b>	<b>5.67%</b>	<b>5.45%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>48.95</b>			<b>53.32</b>	<b>4.37</b>	<b>8.94%</b>	<b>49.16%</b>	<b>47.25%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>49.34</b>			<b>53.72</b>	<b>4.37</b>	<b>8.87%</b>	<b>49.52%</b>	<b>47.60%</b>
Wholesale Market Service Rate	497	0.0036	1.79	497	0.0036	1.79	0.00	0.00%	1.65%	1.59%
Rural Rate Protection Charge	497	0.0021	1.04	497	0.0021	1.04	0.00	0.00%	0.96%	0.93%
Ontario Electricity Support Program Charge	497	0.0011	0.55	497	0.0011	0.55	0.00	0.00%	0.50%	0.48%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.23%	0.22%
<b>Sub-Total: Regulatory</b>			<b>3.63</b>			<b>3.63</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.35%</b>	<b>3.22%</b>
<b>Debt Retirement Charge (DRC)</b>	450	0.000	<b>0.00</b>	450	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>98.93</b>			<b>103.30</b>	<b>4.37</b>	<b>4.42%</b>	<b>95.24%</b>	
HST		0.13	12.86		0.13	13.43	0.57	4.42%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>111.79</b>			<b>116.73</b>	<b>4.94</b>	<b>4.42%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-7.91		-0.08	-8.26	-0.35	4.42%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>103.88</b>			<b>108.47</b>	<b>4.59</b>	<b>4.42%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>103.10</b>			<b>107.48</b>	<b>4.37</b>	<b>4.24%</b>		<b>95.24%</b>
HST		0.13	13.40		0.13	13.97	0.57	4.24%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>116.50</b>			<b>121.45</b>	<b>4.94</b>	<b>4.24%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-8.25		-0.08	-8.60	-0.35	4.24%	-7.62%	
<b>Total Amount on TOU</b>			<b>108.26</b>			<b>112.85</b>	<b>4.59</b>	<b>4.24%</b>	<b>100.00%</b>	

**2018 Bill Impacts (Typical Consumption Level)**

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Rate Class	R2
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	828.75
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	37.05%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	10.88%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.93%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		24.98%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		9.91%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		14.31%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.08%</b>	<b>49.20%</b>
Service Charge (RRRP credit applied)	1	19.83	19.83	1	25.11	25.11	5.28	26.62%	15.05%	14.79%
Fixed Deferral/Variance Account Rider	1	1.36	1.36	1	-0.02	-0.02	-1.38	-101.47%	-0.01%	-0.01%
Distribution Volumetric Rate	750	0.0374	28.05	750	0.0363	27.23	-0.83	-2.94%	16.32%	16.03%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	750	0.0000	0.00	750	0.0002	0.15	0.15	0.00%	0.09%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>49.24</b>			<b>52.46</b>	<b>3.22</b>	<b>6.55%</b>	<b>31.45%</b>	<b>30.90%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.47%	0.47%
Line Losses on Cost of Power (based on two-tier RPP prices)	79	0.12	9.53	79	0.12	9.53	0.00	0.00%	5.71%	5.61%
Line Losses on Cost of Power (based on TOU prices)	79	0.11	8.77	79	0.11	8.77	0.00	0.00%	5.26%	5.17%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>59.56</b>			<b>62.78</b>	<b>3.22</b>	<b>5.41%</b>	<b>37.64%</b>	<b>36.98%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>58.80</b>			<b>62.03</b>	<b>3.22</b>	<b>5.48%</b>	<b>37.18%</b>	<b>36.53%</b>
Retail Transmission Rate – Network Service Rate	829	0.0062	5.14	829	0.0067	5.59	0.45	8.71%	3.35%	3.29%
Retail Transmission Rate – Line and Transformation Connection Service Rate	829	0.0044	3.65	829	0.0056	4.67	1.02	27.95%	2.80%	2.75%
<b>Sub-Total: Retail Transmission</b>			<b>8.78</b>			<b>10.25</b>	<b>1.47</b>	<b>16.70%</b>	<b>6.15%</b>	<b>6.04%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>68.34</b>			<b>73.04</b>	<b>4.69</b>	<b>6.86%</b>	<b>43.78%</b>	<b>43.01%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>67.59</b>			<b>72.28</b>	<b>4.69</b>	<b>6.94%</b>	<b>43.33%</b>	<b>42.57%</b>
Wholesale Market Service Rate	829	0.0036	2.98	829	0.0036	2.98	0.00	0.00%	1.79%	1.76%
Rural Rate Protection Charge	829	0.0021	1.74	829	0.0021	1.74	0.00	0.00%	1.04%	1.03%
Ontario Electricity Support Program Charge	829	0.0011	0.91	829	0.0011	0.91	0.00	0.00%	0.55%	0.54%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.15%	0.15%
<b>Sub-Total: Regulatory</b>			<b>5.89</b>			<b>5.89</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.53%</b>	<b>3.47%</b>
<b>Debt Retirement Charge (DRC)</b>	750	0.000	<b>0.00</b>	750	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>154.18</b>			<b>158.87</b>	<b>4.69</b>	<b>3.04%</b>	<b>95.24%</b>	
HST		0.13	20.04		0.13	20.65	0.61	3.04%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>174.22</b>			<b>179.52</b>	<b>5.30</b>	<b>3.04%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-12.33		-0.08	-12.71	-0.38	3.04%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>161.89</b>			<b>166.81</b>	<b>4.93</b>	<b>3.04%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>157.01</b>			<b>161.71</b>	<b>4.69</b>	<b>2.99%</b>		<b>95.24%</b>
HST		0.13	20.41		0.13	21.02	0.61	2.99%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>177.43</b>			<b>182.73</b>	<b>5.30</b>	<b>2.99%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-12.56		-0.08	-12.94	-0.38	2.99%	-7.62%	
<b>Total Amount on TOU</b>			<b>164.87</b>			<b>169.79</b>	<b>4.93</b>	<b>2.99%</b>		<b>100.00%</b>

**2018 Bill Impacts (Average Consumption Level)**

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Rate Class	R2
Monthly Consumption (kWh)	1152
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1272.96
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	24.96%	
Energy Second Tier (kWh)	552	0.121	66.79	552	0.121	66.79	0.00	0.00%	26.98%	
<b>Sub-Total: Energy (RPP)</b>			<b>128.59</b>			<b>128.59</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.94%</b>	
TOU-Off Peak	749	0.087	65.15	749	0.087	65.15	0.00	0.00%		26.47%
TOU-Mid Peak	196	0.132	25.85	196	0.132	25.85	0.00	0.00%		10.50%
TOU-On Peak	207	0.180	37.32	207	0.180	37.32	0.00	0.00%		15.17%
<b>Sub-Total: Energy (TOU)</b>			<b>128.32</b>			<b>128.32</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.83%</b>	<b>52.14%</b>
Service Charge (RRRP credit applied)	1	19.83	19.83	1	25.11	25.11	5.28	26.62%	10.14%	10.20%
Fixed Deferral/Variance Account Rider	1	1.36	1.36	1	-0.02	-0.02	-1.38	-101.47%	-0.01%	-0.01%
Distribution Volumetric Rate	1,152	0.0374	43.08	1,152	0.0363	41.82	-1.27	-2.94%	16.89%	16.99%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,152	0.0000	0.00	1,152	0.0002	0.23	0.23	0.00%	0.09%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>64.27</b>			<b>67.14</b>	<b>2.86</b>	<b>4.45%</b>	<b>27.12%</b>	<b>27.28%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.32%	0.32%
Line Losses on Cost of Power (based on two-tier RPP prices)	121	0.12	14.64	121	0.12	14.64	0.00	0.00%	5.91%	5.95%
Line Losses on Cost of Power (based on TOU prices)	121	0.11	13.47	121	0.11	13.47	0.00	0.00%	5.44%	5.48%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>79.70</b>			<b>82.56</b>	<b>2.86</b>	<b>3.59%</b>	<b>33.35%</b>	<b>33.55%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>78.54</b>			<b>81.40</b>	<b>2.86</b>	<b>3.65%</b>	<b>32.88%</b>	<b>33.08%</b>
Retail Transmission Rate – Network Service Rate	1,273	0.0062	7.89	1,273	0.0067	8.58	0.69	8.71%	3.47%	3.49%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,273	0.0044	5.60	1,273	0.0056	7.17	1.57	27.95%	2.89%	2.91%
<b>Sub-Total: Retail Transmission</b>			<b>13.49</b>			<b>15.75</b>	<b>2.25</b>	<b>16.70%</b>	<b>6.36%</b>	<b>6.40%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>93.19</b>			<b>98.31</b>	<b>5.12</b>	<b>5.49%</b>	<b>39.71%</b>	<b>39.95%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>92.03</b>			<b>97.15</b>	<b>5.12</b>	<b>5.56%</b>	<b>39.24%</b>	<b>39.48%</b>
Wholesale Market Service Rate	1,273	0.0036	4.58	1,273	0.0036	4.58	0.00	0.00%	1.85%	1.86%
Rural Rate Protection Charge	1,273	0.0021	2.67	1,273	0.0021	2.67	0.00	0.00%	1.08%	1.09%
Ontario Electricity Support Program Charge	1,273	0.0011	1.40	1,273	0.0011	1.40	0.00	0.00%	0.57%	0.57%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Regulatory</b>			<b>8.91</b>			<b>8.91</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.60%</b>	<b>3.62%</b>
<b>Debt Retirement Charge (DRC)</b>	1,152	0.000	<b>0.00</b>	1,152	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>230.69</b>			<b>235.81</b>	<b>5.12</b>	<b>2.22%</b>	<b>95.24%</b>	
HST		0.13	29.99		0.13	30.66	0.67	2.22%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>260.68</b>			<b>266.46</b>	<b>5.78</b>	<b>2.22%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-18.46		-0.08	-18.86	-0.41	2.22%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>242.23</b>			<b>247.60</b>	<b>5.37</b>	<b>2.22%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>229.26</b>			<b>234.38</b>	<b>5.12</b>	<b>2.23%</b>		<b>95.24%</b>
HST		0.13	29.80		0.13	30.47	0.67	2.23%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>259.06</b>			<b>264.84</b>	<b>5.78</b>	<b>2.23%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-18.34		-0.08	-18.75	-0.41	2.23%		-7.62%
<b>Total Amount on TOU</b>			<b>240.72</b>			<b>246.09</b>	<b>5.37</b>	<b>2.23%</b>		<b>100.00%</b>

**2018 Bill Impacts (High Consumption Level)**

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Rate Class	R2
Monthly Consumption (kWh)	2300
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	2541.5
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	12.92%	
Energy Second Tier (kWh)	1,700	0.121	205.70	1,700	0.121	205.70	0.00	0.00%	43.01%	
<b>Sub-Total: Energy (RPP)</b>			<b>267.50</b>			<b>267.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.93%</b>	
TOU-Off Peak	1,495	0.087	130.07	1,495	0.087	130.07	0.00	0.00%		28.03%
TOU-Mid Peak	391	0.132	51.61	391	0.132	51.61	0.00	0.00%		11.12%
TOU-On Peak	414	0.180	74.52	414	0.180	74.52	0.00	0.00%		16.06%
<b>Sub-Total: Energy (TOU)</b>			<b>256.20</b>			<b>256.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.56%</b>	<b>55.22%</b>
Service Charge (RRRP credit applied)	1	19.83	19.83	1	25.11	25.11	5.28	26.62%	5.25%	5.41%
Fixed Deferral/Variance Account Rider	1	1.36	1.36	1	-0.02	-0.02	-1.38	-101.47%	0.00%	0.00%
Distribution Volumetric Rate	2,300	0.0374	86.02	2,300	0.0363	83.49	-2.53	-2.94%	17.46%	17.99%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	2,300	0.0000	0.00	2,300	0.0002	0.46	0.46	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>107.21</b>			<b>109.04</b>	<b>1.83</b>	<b>1.71%</b>	<b>22.80%</b>	<b>23.50%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.17%	0.17%
Line Losses on Cost of Power (based on two-tier RPP prices)	242	0.12	29.22	242	0.12	29.22	0.00	0.00%	6.11%	6.30%
Line Losses on Cost of Power (based on TOU prices)	242	0.11	26.90	242	0.11	26.90	0.00	0.00%	5.62%	5.80%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>137.22</b>			<b>139.05</b>	<b>1.83</b>	<b>1.33%</b>	<b>29.07%</b>	<b>29.97%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>134.90</b>			<b>136.73</b>	<b>1.83</b>	<b>1.36%</b>	<b>28.59%</b>	<b>29.47%</b>
Retail Transmission Rate – Network Service Rate	2,542	0.0062	15.76	2,542	0.0067	17.13	1.37	8.71%	3.58%	3.69%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,542	0.0044	11.18	2,542	0.0056	14.31	3.13	27.95%	2.99%	3.08%
<b>Sub-Total: Retail Transmission</b>			<b>26.94</b>			<b>31.44</b>	<b>4.50</b>	<b>16.70%</b>	<b>6.57%</b>	<b>6.78%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>164.16</b>			<b>170.49</b>	<b>6.33</b>	<b>3.85%</b>	<b>35.65%</b>	<b>36.74%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>161.84</b>			<b>168.17</b>	<b>6.33</b>	<b>3.91%</b>	<b>35.16%</b>	<b>36.24%</b>
Wholesale Market Service Rate	2,542	0.0036	9.15	2,542	0.0036	9.15	0.00	0.00%	1.91%	1.97%
Rural Rate Protection Charge	2,542	0.0021	5.34	2,542	0.0021	5.34	0.00	0.00%	1.12%	1.15%
Ontario Electricity Support Program Charge	2,542	0.0011	2.80	2,542	0.0011	2.80	0.00	0.00%	0.58%	0.60%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>17.53</b>			<b>17.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.67%</b>	<b>3.78%</b>
<b>Debt Retirement Charge (DRC)</b>	2,300	0.000	<b>0.00</b>	2,300	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>449.19</b>			<b>455.52</b>	<b>6.33</b>	<b>1.41%</b>	<b>95.24%</b>	
HST		0.13	58.40		0.13	59.22	0.82	1.41%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>507.59</b>			<b>514.74</b>	<b>7.15</b>	<b>1.41%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-35.94		-0.08	-36.44	-0.51	1.41%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>471.65</b>			<b>478.30</b>	<b>6.64</b>	<b>1.41%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>435.57</b>			<b>441.90</b>	<b>6.33</b>	<b>1.45%</b>		<b>95.24%</b>
HST		0.13	56.62		0.13	57.45	0.82	1.45%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>492.19</b>			<b>499.34</b>	<b>7.15</b>	<b>1.45%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-34.85		-0.08	-35.35	-0.51	1.45%		-7.62%
<b>Total Amount on TOU</b>			<b>457.35</b>			<b>463.99</b>	<b>6.64</b>	<b>1.45%</b>		<b>100.00%</b>

**2018 Bill Impacts (Low Consumption Level)**

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Rate Class	Seasonal
Monthly Consumption (kWh)	50
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	55
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	50	0.103	5.15	50	0.103	5.15	0.00	0.00%	9.56%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>5.15</b>			<b>5.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>9.56%</b>	
TOU-Off Peak	33	0.087	2.83	33	0.087	2.83	0.00	0.00%		5.20%
TOU-Mid Peak	9	0.132	1.12	9	0.132	1.12	0.00	0.00%		2.06%
TOU-On Peak	9	0.180	1.62	9	0.180	1.62	0.00	0.00%		2.98%
<b>Sub-Total: Energy (TOU)</b>			<b>5.57</b>			<b>5.57</b>	<b>0.00</b>	<b>0.00%</b>	<b>10.34%</b>	<b>10.25%</b>
Service Charge	1	36.28	36.28	1	40.57	40.57	4.29	11.82%	75.32%	74.65%
Fixed Deferral/Variance Account Rider	1	0.84	0.84	1	0.00	0.00	-0.84	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	50	0.0635	3.18	50	0.0608	3.04	-0.14	-4.25%	5.64%	5.59%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	50	0.0003	0.02	50	0.0002	0.01	-0.01	-33.33%	0.02%	0.02%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>40.31</b>			<b>43.62</b>	<b>3.31</b>	<b>8.21%</b>	<b>80.98%</b>	<b>80.26%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.47%	1.45%
Line Losses on Cost of Power (based on two-tier RPP prices)	5	0.10	0.54	5	0.10	0.54	0.00	0.00%	0.99%	0.99%
Line Losses on Cost of Power (based on TOU prices)	5	0.11	0.58	5	0.11	0.58	0.00	0.00%	1.08%	1.07%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>41.64</b>			<b>44.95</b>	<b>3.31</b>	<b>7.95%</b>	<b>83.44%</b>	<b>82.70%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>41.68</b>			<b>44.99</b>	<b>3.31</b>	<b>7.94%</b>	<b>83.52%</b>	<b>82.78%</b>
Retail Transmission Rate – Network Service Rate	55	0.0051	0.28	55	0.0057	0.31	0.03	10.90%	0.58%	0.57%
Retail Transmission Rate – Line and Transformation Connection Service Rate	55	0.0042	0.23	55	0.0048	0.27	0.03	14.79%	0.49%	0.49%
<b>Sub-Total: Retail Transmission</b>			<b>0.51</b>			<b>0.58</b>	<b>0.06</b>	<b>12.66%</b>	<b>1.07%</b>	<b>1.06%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>42.15</b>			<b>45.52</b>	<b>3.37</b>	<b>8.01%</b>	<b>84.52%</b>	<b>83.76%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>42.19</b>			<b>45.57</b>	<b>3.37</b>	<b>8.00%</b>	<b>84.60%</b>	<b>83.84%</b>
Wholesale Market Service Rate	55	0.0036	0.20	55	0.0036	0.20	0.00	0.00%	0.37%	0.37%
Rural Rate Protection Charge	55	0.0021	0.12	55	0.0021	0.12	0.00	0.00%	0.22%	0.21%
Ontario Electricity Support Program Charge	55	0.0011	0.06	55	0.0011	0.06	0.00	0.00%	0.11%	0.11%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.46%	0.46%
<b>Sub-Total: Regulatory</b>			<b>0.63</b>			<b>0.63</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.16%</b>	<b>1.15%</b>
<b>Debt Retirement Charge (DRC)</b>	50	0.000	<b>0.00</b>	50	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>47.92</b>			<b>51.30</b>	<b>3.37</b>	<b>7.04%</b>	<b>95.24%</b>	
HST		0.13	6.23		0.13	6.67	0.44	7.04%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>54.15</b>			<b>57.97</b>	<b>3.81</b>	<b>7.04%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-3.83		-0.08	-4.10	-0.27	7.04%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>50.32</b>			<b>53.86</b>	<b>3.54</b>	<b>7.04%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>48.39</b>			<b>51.76</b>	<b>3.37</b>	<b>6.97%</b>		<b>95.24%</b>
HST		0.13	6.29		0.13	6.73	0.44	6.97%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>54.68</b>			<b>58.49</b>	<b>3.81</b>	<b>6.97%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-3.87		-0.08	-4.14	-0.27	6.97%		-7.62%
<b>Total Amount on TOU</b>			<b>50.81</b>			<b>54.35</b>	<b>3.54</b>	<b>6.97%</b>		<b>100.00%</b>

**2018 Bill Impacts (Typical Consumption Level)**

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Rate Class	Seasonal
Monthly Consumption (kWh)	350
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	386
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	350	0.103	36.05	350	0.103	36.05	0.00	0.00%	31.37%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.05</b>			<b>36.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>31.37%</b>	
TOU-Off Peak	228	0.087	19.79	228	0.087	19.79	0.00	0.00%		16.73%
TOU-Mid Peak	60	0.132	7.85	60	0.132	7.85	0.00	0.00%		6.64%
TOU-On Peak	63	0.180	11.34	63	0.180	11.34	0.00	0.00%		9.58%
<b>Sub-Total: Energy (TOU)</b>			<b>38.99</b>			<b>38.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>33.93%</b>	<b>32.95%</b>
Service Charge	1	36.28	36.28	1	40.57	40.57	4.29	11.82%	35.31%	34.29%
Fixed Deferral/Variance Account Rider	1	0.84	0.84	1	0.00	0.00	-0.84	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	350	0.0635	22.23	350	0.0608	21.28	-0.95	-4.25%	18.52%	17.99%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	350	0.0003	0.11	350	0.0002	0.07	-0.04	-33.33%	0.06%	0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>59.45</b>			<b>61.92</b>	<b>2.47</b>	<b>4.15%</b>	<b>53.89%</b>	<b>52.34%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.69%	0.67%
Line Losses on Cost of Power (based on two-tier RPP prices)	36	0.10	3.75	36	0.10	3.75	0.00	0.00%	3.26%	3.17%
Line Losses on Cost of Power (based on TOU prices)	36	0.11	4.05	36	0.11	4.05	0.00	0.00%	3.53%	3.43%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>63.99</b>			<b>66.46</b>	<b>2.47</b>	<b>3.86%</b>	<b>57.84%</b>	<b>56.17%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>64.29</b>			<b>66.76</b>	<b>2.47</b>	<b>3.84%</b>	<b>58.10%</b>	<b>56.43%</b>
Retail Transmission Rate – Network Service Rate	386	0.0051	1.97	386	0.0057	2.19	0.21	10.90%	1.90%	1.85%
Retail Transmission Rate – Line and Transformation Connection Service Rate	386	0.0042	1.62	386	0.0048	1.86	0.24	14.79%	1.62%	1.57%
<b>Sub-Total: Retail Transmission</b>			<b>3.59</b>			<b>4.05</b>	<b>0.45</b>	<b>12.66%</b>	<b>3.52%</b>	<b>3.42%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>67.58</b>			<b>70.51</b>	<b>2.92</b>	<b>4.33%</b>	<b>61.36%</b>	<b>59.60%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>67.89</b>			<b>70.81</b>	<b>2.92</b>	<b>4.31%</b>	<b>61.63%</b>	<b>59.85%</b>
Wholesale Market Service Rate	386	0.0036	1.39	386	0.0036	1.39	0.00	0.00%	1.21%	1.18%
Rural Rate Protection Charge	386	0.0021	0.81	386	0.0021	0.81	0.00	0.00%	0.71%	0.69%
Ontario Electricity Support Program Charge	386	0.0011	0.43	386	0.0011	0.43	0.00	0.00%	0.37%	0.36%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.22%	0.21%
<b>Sub-Total: Regulatory</b>			<b>2.88</b>			<b>2.88</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.50%</b>	<b>2.43%</b>
<b>Debt Retirement Charge (DRC)</b>	350	0.000	<b>0.00</b>	350	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>106.51</b>			<b>109.44</b>	<b>2.92</b>	<b>2.75%</b>	<b>95.24%</b>	
HST		0.13	13.85		0.13	14.23	0.38	2.75%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>120.36</b>			<b>123.66</b>	<b>3.31</b>	<b>2.75%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-8.52		-0.08	-8.75	-0.23	2.75%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>111.84</b>			<b>114.91</b>	<b>3.07</b>	<b>2.75%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>109.75</b>			<b>112.68</b>	<b>2.92</b>	<b>2.66%</b>		<b>95.24%</b>
HST		0.13	14.27		0.13	14.65	0.38	2.66%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>124.02</b>			<b>127.32</b>	<b>3.31</b>	<b>2.66%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-8.78		-0.08	-9.01	-0.23	2.66%		-7.62%
<b>Total Amount on TOU</b>			<b>115.24</b>			<b>118.31</b>	<b>3.07</b>	<b>2.66%</b>		<b>100.00%</b>

**2018 Bill Impacts (Average Consumption Level)**

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Rate Class	Seasonal
Monthly Consumption (kWh)	352
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	389
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	352	0.103	36.26	352	0.103	36.26	0.00	0.00%	31.44%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.26</b>			<b>36.26</b>	<b>0.00</b>	<b>0.00%</b>	<b>31.44%</b>	
TOU-Off Peak	229	0.087	19.91	229	0.087	19.91	0.00	0.00%		16.76%
TOU-Mid Peak	60	0.132	7.90	60	0.132	7.90	0.00	0.00%		6.65%
TOU-On Peak	63	0.180	11.40	63	0.180	11.40	0.00	0.00%		9.61%
<b>Sub-Total: Energy (TOU)</b>			<b>39.21</b>			<b>39.21</b>	<b>0.00</b>	<b>0.00%</b>	<b>34.00%</b>	<b>33.02%</b>
Service Charge	1	36.28	36.28	1	40.57	40.57	4.29	11.82%	35.18%	34.17%
Fixed Deferral/Variance Account Rider	1	0.84	0.84	1	0.00	0.00	-0.84	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	352	0.0635	22.35	352	0.0608	21.40	-0.95	-4.25%	18.56%	18.02%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	352	0.0003	0.11	352	0.0002	0.07	-0.04	-33.33%	0.06%	0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>59.58</b>			<b>62.04</b>	<b>2.46</b>	<b>4.14%</b>	<b>53.80%</b>	<b>52.25%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.69%	0.67%
Line Losses on Cost of Power (based on two-tier RPP prices)	37	0.10	3.77	37	0.10	3.77	0.00	0.00%	3.27%	3.18%
Line Losses on Cost of Power (based on TOU prices)	37	0.11	4.08	37	0.11	4.08	0.00	0.00%	3.54%	3.43%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>64.14</b>			<b>66.60</b>	<b>2.46</b>	<b>3.84%</b>	<b>57.76%</b>	<b>56.09%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>64.45</b>			<b>66.91</b>	<b>2.46</b>	<b>3.82%</b>	<b>58.02%</b>	<b>56.35%</b>
Retail Transmission Rate – Network Service Rate	389	0.0051	1.98	389	0.0057	2.20	0.22	10.90%	1.91%	1.85%
Retail Transmission Rate – Line and Transformation Connection Service Rate	389	0.0042	1.63	389	0.0048	1.87	0.24	14.79%	1.62%	1.58%
<b>Sub-Total: Retail Transmission</b>			<b>3.61</b>			<b>4.07</b>	<b>0.46</b>	<b>12.66%</b>	<b>3.53%</b>	<b>3.43%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>67.75</b>			<b>70.67</b>	<b>2.92</b>	<b>4.31%</b>	<b>61.29%</b>	<b>59.52%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>68.06</b>			<b>70.98</b>	<b>2.92</b>	<b>4.29%</b>	<b>61.55%</b>	<b>59.78%</b>
Wholesale Market Service Rate	389	0.0036	1.40	389	0.0036	1.40	0.00	0.00%	1.21%	1.18%
Rural Rate Protection Charge	389	0.0021	0.82	389	0.0021	0.82	0.00	0.00%	0.71%	0.69%
Ontario Electricity Support Program Charge	389	0.0011	0.43	389	0.0011	0.43	0.00	0.00%	0.37%	0.36%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.22%	0.21%
<b>Sub-Total: Regulatory</b>			<b>2.89</b>			<b>2.89</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.51%</b>	<b>2.44%</b>
<b>Debt Retirement Charge (DRC)</b>	352	0.000	<b>0.00</b>	352	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>106.90</b>			<b>109.82</b>	<b>2.92</b>	<b>2.73%</b>	<b>95.24%</b>	
HST		0.13	13.90		0.13	14.28	0.38	2.73%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>120.80</b>			<b>124.10</b>	<b>3.30</b>	<b>2.73%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-8.55		-0.08	-8.79	-0.23	2.73%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>112.25</b>			<b>115.31</b>	<b>3.07</b>	<b>2.73%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>110.16</b>			<b>113.08</b>	<b>2.92</b>	<b>2.65%</b>		<b>95.24%</b>
HST		0.13	14.32		0.13	14.70	0.38	2.65%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>124.48</b>			<b>127.78</b>	<b>3.30</b>	<b>2.65%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-8.81		-0.08	-9.05	-0.23	2.65%		-7.62%
<b>Total Amount on TOU</b>			<b>115.67</b>			<b>118.74</b>	<b>3.07</b>	<b>2.65%</b>		<b>100.00%</b>

**2018 Bill Impacts (High Consumption Level)**

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Rate Class	Seasonal
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1104
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	24.08%	
Energy Second Tier (kWh)	400	0.121	48.40	400	0.121	48.40	0.00	0.00%	18.86%	
<b>Sub-Total: Energy (RPP)</b>			<b>110.20</b>			<b>110.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>42.93%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		22.01%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		8.74%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		12.61%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.39%</b>	<b>43.36%</b>
Service Charge	1	36.28	36.28	1	40.57	40.57	4.29	11.82%	15.80%	15.79%
Fixed Deferral/Variance Account Rider	1	0.84	0.84	1	0.00	0.00	-0.84	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	1,000	0.0635	63.50	1,000	0.0608	60.80	-2.70	-4.25%	23.69%	23.67%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,000	0.0003	0.30	1,000	0.0002	0.20	-0.10	-33.33%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>100.92</b>			<b>101.57</b>	<b>0.65</b>	<b>0.64%</b>	<b>39.57%</b>	<b>39.54%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.31%	0.31%
Line Losses on Cost of Power (based on two-tier RPP prices)	104	0.12	12.58	104	0.12	12.58	0.00	0.00%	4.90%	4.90%
Line Losses on Cost of Power (based on TOU prices)	104	0.11	11.58	104	0.11	11.58	0.00	0.00%	4.51%	4.51%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>114.29</b>			<b>114.94</b>	<b>0.65</b>	<b>0.57%</b>	<b>44.78%</b>	<b>44.74%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>113.29</b>			<b>113.94</b>	<b>0.65</b>	<b>0.57%</b>	<b>44.39%</b>	<b>44.36%</b>
Retail Transmission Rate – Network Service Rate	1,104	0.0051	5.63	1,104	0.0057	6.24	0.61	10.90%	2.43%	2.43%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,104	0.0042	4.64	1,104	0.0048	5.32	0.69	14.79%	2.07%	2.07%
<b>Sub-Total: Retail Transmission</b>			<b>10.27</b>			<b>11.57</b>	<b>1.30</b>	<b>12.66%</b>	<b>4.51%</b>	<b>4.50%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>124.56</b>			<b>126.51</b>	<b>1.95</b>	<b>1.57%</b>	<b>49.29%</b>	<b>49.25%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>123.56</b>			<b>125.51</b>	<b>1.95</b>	<b>1.58%</b>	<b>48.90%</b>	<b>48.86%</b>
Wholesale Market Service Rate	1,104	0.0036	3.97	1,104	0.0036	3.97	0.00	0.00%	1.55%	1.55%
Rural Rate Protection Charge	1,104	0.0021	2.32	1,104	0.0021	2.32	0.00	0.00%	0.90%	0.90%
Ontario Electricity Support Program Charge	1,104	0.0011	1.21	1,104	0.0011	1.21	0.00	0.00%	0.47%	0.47%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Regulatory</b>			<b>7.76</b>			<b>7.76</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.02%</b>	<b>3.02%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.000	<b>0.00</b>	1,000	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>242.52</b>			<b>244.47</b>	<b>1.95</b>	<b>0.80%</b>	<b>95.24%</b>	
HST		0.13	31.53		0.13	31.78	0.25	0.80%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>274.05</b>			<b>276.25</b>	<b>2.20</b>	<b>0.80%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-19.40		-0.08	-19.56	-0.16	0.80%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>254.64</b>			<b>256.69</b>	<b>2.05</b>	<b>0.80%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>242.71</b>			<b>244.66</b>	<b>1.95</b>	<b>0.80%</b>		<b>95.24%</b>
HST		0.13	31.55		0.13	31.81	0.25	0.80%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>274.26</b>			<b>276.46</b>	<b>2.20</b>	<b>0.80%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-19.42		-0.08	-19.57	-0.16	0.80%	-7.62%	
<b>Total Amount on TOU</b>			<b>254.84</b>			<b>256.89</b>	<b>2.05</b>	<b>0.80%</b>	<b>100.00%</b>	

**2018 Bill Impacts (Low Consumption Level)**

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Rate Class	UGe
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	1067
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	37.81%	
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	14.81%	
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>52.62%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		27.23%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		10.80%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		15.60%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.53%</b>	<b>53.63%</b>
Service Charge	1	23.3	23.30	1	23.97	23.97	0.67	2.88%	11.73%	11.54%
Fixed Deferral/Variance Account Rider	1	0.67	0.67	1	0.01	0.01	-0.66	-98.51%	0.00%	0.00%
Distribution Volumetric Rate	1,000	0.0262	26.20	1,000	0.0280	28.00	1.80	6.87%	13.71%	13.48%
Volumetric Deferral/Variance Account Rider (including CBR Class	1,000	-0.0001	-0.10	1,000	0.0002	0.20	0.30	-300.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>50.07</b>			<b>52.18</b>	<b>2.11</b>	<b>4.21%</b>	<b>25.54%</b>	<b>25.12%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.39%	0.38%
Line Losses on Cost of Power (based on two-tier RPP prices)	67	0.12	8.11	67	0.12	8.11	0.00	0.00%	3.97%	3.90%
Line Losses on Cost of Power (based on TOU prices)	67	0.11	7.46	67	0.11	7.46	0.00	0.00%	3.65%	3.59%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>58.97</b>			<b>61.08</b>	<b>2.11</b>	<b>3.58%</b>	<b>29.90%</b>	<b>29.41%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>58.32</b>			<b>60.43</b>	<b>2.11</b>	<b>3.62%</b>	<b>29.58%</b>	<b>29.10%</b>
Retail Transmission Rate – Network Service Rate	1,067	0.0064	6.83	1,067	0.0061	6.52	-0.31	-4.59%	3.19%	3.14%
Retail Transmission Rate – Line and Transformation Connection \$	1,067	0.0040	4.27	1,067	0.0047	4.96	0.70	16.30%	2.43%	2.39%
<b>Sub-Total: Retail Transmission</b>			<b>11.10</b>			<b>11.48</b>	<b>0.38</b>	<b>3.44%</b>	<b>5.62%</b>	<b>5.53%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>70.06</b>			<b>72.56</b>	<b>2.49</b>	<b>3.56%</b>	<b>35.52%</b>	<b>34.93%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>69.42</b>			<b>71.91</b>	<b>2.49</b>	<b>3.59%</b>	<b>35.20%</b>	<b>34.62%</b>
Wholesale Market Service Rate	1,067	0.0036	3.84	1,067	0.0036	3.84	0.00	0.00%	1.88%	1.85%
Rural Rate Protection Charge	1,067	0.0021	2.24	1,067	0.0021	2.24	0.00	0.00%	1.10%	1.08%
Ontario Electricity Support Program Charge	1,067	0.0011	1.17	1,067	0.0011	1.17	0.00	0.00%	0.57%	0.57%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.12%	0.12%
<b>Sub-Total: Regulatory</b>			<b>7.51</b>			<b>7.51</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.67%</b>	<b>3.61%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	<b>7.00</b>	1,000	0.007	<b>7.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.43%</b>	<b>3.37%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>192.07</b>			<b>194.56</b>	<b>2.49</b>	<b>1.30%</b>	<b>95.24%</b>	
HST		0.13	24.97		0.13	25.29	0.32	1.30%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>217.04</b>			<b>219.85</b>	<b>2.82</b>	<b>1.30%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-15.37		-0.08	-15.56	-0.20	1.30%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>201.67</b>			<b>204.29</b>	<b>2.62</b>	<b>1.30%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>195.32</b>			<b>197.81</b>	<b>2.49</b>	<b>1.28%</b>		<b>95.24%</b>
HST		0.13	25.39		0.13	25.71	0.32	1.28%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>220.71</b>			<b>223.52</b>	<b>2.82</b>	<b>1.28%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-15.63		-0.08	-15.82	-0.20	1.28%	-7.62%	
<b>Total Amount on TOU</b>			<b>205.08</b>			<b>207.70</b>	<b>2.62</b>	<b>1.28%</b>		<b>100.00%</b>

**2018 Bill Impacts (Typical Consumption Level)**

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Rate Class	UGe
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2134
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	19.48%	
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	38.15%	
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.63%</b>	
TOU-Off Peak	1,300	0.087	113.10	1,300	0.087	113.10	0.00	0.00%		29.07%
TOU-Mid Peak	340	0.132	44.88	340	0.132	44.88	0.00	0.00%		11.53%
TOU-On Peak	360	0.180	64.80	360	0.180	64.80	0.00	0.00%		16.65%
<b>Sub-Total: Energy (TOU)</b>			<b>222.78</b>			<b>222.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.19%</b>	<b>57.25%</b>
Service Charge	1	23.3	23.30	1	23.97	23.97	0.67	2.88%	6.05%	6.16%
Fixed Deferral/Variance Account Rider	1	0.67	0.67	1	0.01	0.01	-0.66	-98.51%	0.00%	0.00%
Distribution Volumetric Rate	2,000	0.0262	52.40	2,000	0.0280	56.00	3.60	6.87%	14.12%	14.39%
Volumetric Deferral/Variance Account Rider (including CBR Class	2,000	-0.0001	-0.20	2,000	0.0002	0.40	0.60	-300.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>76.17</b>			<b>80.38</b>	<b>4.21</b>	<b>5.53%</b>	<b>20.27%</b>	<b>20.66%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.20%	0.20%
Line Losses on Cost of Power (based on two-tier RPP prices)	134	0.12	16.21	134	0.12	16.21	0.00	0.00%	4.09%	4.17%
Line Losses on Cost of Power (based on TOU prices)	134	0.11	14.93	134	0.11	14.93	0.00	0.00%	3.76%	3.84%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>93.17</b>			<b>97.38</b>	<b>4.21</b>	<b>4.52%</b>	<b>24.56%</b>	<b>25.03%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>91.89</b>			<b>96.10</b>	<b>4.21</b>	<b>4.58%</b>	<b>24.24%</b>	<b>24.70%</b>
Retail Transmission Rate – Network Service Rate	2,134	0.0064	13.66	2,134	0.0061	13.03	-0.63	-4.59%	3.29%	3.35%
Retail Transmission Rate – Line and Transformation Connection \$	2,134	0.0040	8.54	2,134	0.0047	9.93	1.39	16.30%	2.50%	2.55%
<b>Sub-Total: Retail Transmission</b>			<b>22.19</b>			<b>22.96</b>	<b>0.76</b>	<b>3.44%</b>	<b>5.79%</b>	<b>5.90%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>115.37</b>			<b>120.34</b>	<b>4.97</b>	<b>4.31%</b>	<b>30.35%</b>	<b>30.93%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>114.08</b>			<b>119.05</b>	<b>4.97</b>	<b>4.36%</b>	<b>30.03%</b>	<b>30.60%</b>
Wholesale Market Service Rate	2,134	0.0036	7.68	2,134	0.0036	7.68	0.00	0.00%	1.94%	1.97%
Rural Rate Protection Charge	2,134	0.0021	4.48	2,134	0.0021	4.48	0.00	0.00%	1.13%	1.15%
Ontario Electricity Support Program Charge	2,134	0.0011	2.35	2,134	0.0011	2.35	0.00	0.00%	0.59%	0.60%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%	0.06%
<b>Sub-Total: Regulatory</b>			<b>14.76</b>			<b>14.76</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.72%</b>	<b>3.79%</b>
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	3.53%	3.60%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>372.63</b>			<b>377.60</b>	<b>4.97</b>	<b>1.33%</b>	<b>95.24%</b>	
HST		0.13	48.44		0.13	49.09	0.65	1.33%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>421.07</b>			<b>426.69</b>	<b>5.62</b>	<b>1.33%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-29.81		-0.08	-30.21	-0.40	1.33%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>391.26</b>			<b>396.48</b>	<b>5.22</b>	<b>1.33%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>365.62</b>			<b>370.60</b>	<b>4.97</b>	<b>1.36%</b>		<b>95.24%</b>
HST		0.13	47.53		0.13	48.18	0.65	1.36%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>413.15</b>			<b>418.77</b>	<b>5.62</b>	<b>1.36%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-29.25		-0.08	-29.65	-0.40	1.36%		-7.62%
<b>Total Amount on TOU</b>			<b>383.90</b>			<b>389.12</b>	<b>5.22</b>	<b>1.36%</b>		<b>100.00%</b>

**2018 Bill Impacts (Average Consumption Level)**

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Rate Class	UGe
Monthly Consumption (kWh)	2759
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2944
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	14.24%	
Energy Second Tier (kWh)	2,009	0.121	243.09	2,009	0.121	243.09	0.00	0.00%	44.82%	
<b>Sub-Total: Energy (RPP)</b>			<b>320.34</b>			<b>320.34</b>	<b>0.00</b>	<b>0.00%</b>	<b>59.06%</b>	
TOU-Off Peak	1,793	0.087	156.02	1,793	0.087	156.02	0.00	0.00%		29.62%
TOU-Mid Peak	469	0.132	61.91	469	0.132	61.91	0.00	0.00%		11.75%
TOU-On Peak	497	0.180	89.39	497	0.180	89.39	0.00	0.00%		16.97%
<b>Sub-Total: Energy (TOU)</b>			<b>307.33</b>			<b>307.33</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.66%</b>	<b>58.34%</b>
Service Charge	1	23.3	23.30	1	23.97	23.97	0.67	2.88%	4.42%	4.55%
Fixed Deferral/Variance Account Rider	1	0.67	0.67	1	0.01	0.01	-0.66	-98.51%	0.00%	0.00%
Distribution Volumetric Rate	2,759	0.0262	72.29	2,759	0.0280	77.25	4.97	6.87%	14.24%	14.66%
Volumetric Deferral/Variance Account Rider (including CBR Class	2,759	-0.0001	-0.28	2,759	0.0002	0.55	0.83	-300.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>95.98</b>			<b>101.78</b>	<b>5.80</b>	<b>6.05%</b>	<b>18.77%</b>	<b>19.32%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.15%	0.15%
Line Losses on Cost of Power (based on two-tier RPP prices)	185	0.12	22.37	185	0.12	22.37	0.00	0.00%	4.12%	4.25%
Line Losses on Cost of Power (based on TOU prices)	185	0.11	20.59	185	0.11	20.59	0.00	0.00%	3.80%	3.91%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>119.14</b>			<b>124.94</b>	<b>5.80</b>	<b>4.87%</b>	<b>23.04%</b>	<b>23.72%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>117.36</b>			<b>123.16</b>	<b>5.80</b>	<b>4.95%</b>	<b>22.71%</b>	<b>23.38%</b>
Retail Transmission Rate – Network Service Rate	2,944	0.0064	18.84	2,944	0.0061	17.98	-0.87	-4.59%	3.31%	3.41%
Retail Transmission Rate – Line and Transformation Connection	2,944	0.0040	11.78	2,944	0.0047	13.69	1.92	16.30%	2.53%	2.60%
<b>Sub-Total: Retail Transmission</b>			<b>30.62</b>			<b>31.67</b>	<b>1.05</b>	<b>3.44%</b>	<b>5.84%</b>	<b>6.01%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>149.75</b>			<b>156.61</b>	<b>6.86</b>	<b>4.58%</b>	<b>28.88%</b>	<b>29.73%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>147.98</b>			<b>154.83</b>	<b>6.86</b>	<b>4.63%</b>	<b>28.55%</b>	<b>29.39%</b>
Wholesale Market Service Rate	2,944	0.0036	10.60	2,944	0.0036	10.60	0.00	0.00%	1.95%	2.01%
Rural Rate Protection Charge	2,944	0.0021	6.18	2,944	0.0021	6.18	0.00	0.00%	1.14%	1.17%
Ontario Electricity Support Program Charge	2,944	0.0011	3.24	2,944	0.0011	3.24	0.00	0.00%	0.60%	0.61%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>20.27</b>			<b>20.27</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.74%</b>	<b>3.85%</b>
<b>Debt Retirement Charge (DRC)</b>	2,759	0.007	19.31	2,759	0.007	19.31	0.00	0.00%	3.56%	3.67%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>509.67</b>			<b>516.53</b>	<b>6.86</b>	<b>1.35%</b>	<b>95.24%</b>	
HST		0.13	66.26		0.13	67.15	0.89	1.35%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>575.93</b>			<b>583.68</b>	<b>7.75</b>	<b>1.35%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-40.77		-0.08	-41.32	-0.55	1.35%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>535.16</b>			<b>542.36</b>	<b>7.20</b>	<b>1.35%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>494.88</b>			<b>501.74</b>	<b>6.86</b>	<b>1.39%</b>		<b>95.24%</b>
HST		0.13	64.33		0.13	65.23	0.89	1.39%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>559.22</b>			<b>566.97</b>	<b>7.75</b>	<b>1.39%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-39.59		-0.08	-40.14	-0.55	1.39%	-7.62%	
<b>Total Amount on TOU</b>			<b>519.63</b>			<b>526.83</b>	<b>7.20</b>	<b>1.39%</b>		<b>100.00%</b>

**2018 Bill Impacts (High Consumption Level)**

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Rate Class	UGe
Monthly Consumption (kWh)	15000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	16005
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	2.67%	
Energy Second Tier (kWh)	14,250	0.121	1,724.25	14,250	0.121	1,724.25	0.00	0.00%	59.56%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,801.50</b>			<b>1,801.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>62.23%</b>	
TOU-Off Peak	9,750	0.087	848.25	9,750	0.087	848.25	0.00	0.00%		30.87%
TOU-Mid Peak	2,550	0.132	336.60	2,550	0.132	336.60	0.00	0.00%		12.25%
TOU-On Peak	2,700	0.180	486.00	2,700	0.180	486.00	0.00	0.00%		17.69%
<b>Sub-Total: Energy (TOU)</b>			<b>1,670.85</b>			<b>1,670.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.72%</b>	<b>60.81%</b>
Service Charge	1	23.3	23.30	1	23.97	23.97	0.67	2.88%	0.83%	0.87%
Fixed Deferral/Variance Account Rider	1	0.67	0.67	1	0.01	0.01	-0.66	-98.51%	0.00%	0.00%
Distribution Volumetric Rate	15,000	0.0262	393.00	15,000	0.0280	420.00	27.00	6.87%	14.51%	15.29%
Volumetric Deferral/Variance Account Rider (including CBR Class	15,000	-0.0001	-1.50	15,000	0.0002	3.00	4.50	-300.00%	0.10%	0.11%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>415.47</b>			<b>446.98</b>	<b>31.51</b>	<b>7.58%</b>	<b>15.44%</b>	<b>16.27%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.03%	0.03%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,005	0.12	121.61	1,005	0.12	121.61	0.00	0.00%	4.20%	4.43%
Line Losses on Cost of Power (based on TOU prices)	1,005	0.11	111.95	1,005	0.11	111.95	0.00	0.00%	3.87%	4.07%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>537.87</b>			<b>569.38</b>	<b>31.51</b>	<b>5.86%</b>	<b>19.67%</b>	<b>20.72%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>528.21</b>			<b>559.72</b>	<b>31.51</b>	<b>5.97%</b>	<b>19.33%</b>	<b>20.37%</b>
Retail Transmission Rate – Network Service Rate	16,005	0.0064	102.43	16,005	0.0061	97.73	-4.71	-4.59%	3.38%	3.56%
Retail Transmission Rate – Line and Transformation Connection \$	16,005	0.0040	64.02	16,005	0.0047	74.46	10.44	16.30%	2.57%	2.71%
<b>Sub-Total: Retail Transmission</b>			<b>166.45</b>			<b>172.18</b>	<b>5.73</b>	<b>3.44%</b>	<b>5.95%</b>	<b>6.27%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>704.32</b>			<b>741.56</b>	<b>37.24</b>	<b>5.29%</b>	<b>25.62%</b>	<b>26.99%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>694.66</b>			<b>731.90</b>	<b>37.24</b>	<b>5.36%</b>	<b>25.28%</b>	<b>26.64%</b>
Wholesale Market Service Rate	16,005	0.0036	57.62	16,005	0.0036	57.62	0.00	0.00%	1.99%	2.10%
Rural Rate Protection Charge	16,005	0.0021	33.61	16,005	0.0021	33.61	0.00	0.00%	1.16%	1.22%
Ontario Electricity Support Program Charge	16,005	0.0011	17.61	16,005	0.0011	17.61	0.00	0.00%	0.61%	0.64%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Regulatory</b>			<b>109.08</b>			<b>109.08</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.77%</b>	<b>3.97%</b>
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.63%	3.82%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>2,719.90</b>			<b>2,757.14</b>	<b>37.24</b>	<b>1.37%</b>	<b>95.24%</b>	
HST		0.13	353.59		0.13	358.43	4.84	1.37%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>3,073.49</b>			<b>3,115.57</b>	<b>42.08</b>	<b>1.37%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-217.59		-0.08	-220.57	-2.98	1.37%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>2,855.90</b>			<b>2,895.00</b>	<b>39.10</b>	<b>1.37%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>2,579.59</b>			<b>2,616.83</b>	<b>37.24</b>	<b>1.44%</b>		<b>95.24%</b>
HST		0.13	335.35		0.13	340.19	4.84	1.44%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>2,914.94</b>			<b>2,957.02</b>	<b>42.08</b>	<b>1.44%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-206.37		-0.08	-209.35	-2.98	1.44%	-7.62%	
<b>Total Amount on TOU</b>			<b>2,708.57</b>			<b>2,747.67</b>	<b>39.10</b>	<b>1.44%</b>	<b>100.00%</b>	

**2018 Bill Impacts (Low Consumption Level)**

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Rate Class	GSe
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	1096
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	31.34%	
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	12.27%	
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.62%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		22.66%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		8.99%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		12.98%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.19%</b>	<b>44.63%</b>
Service Charge	1	27.87	27.87	1	29.68	29.68	1.81	6.49%	12.04%	11.89%
Fixed Deferral/Variance Account Rider	1	0.73	0.73	1	0.00	0.00	-0.73	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	1,000	0.0560	56.00	1,000	0.0591	59.10	3.10	5.54%	23.98%	23.68%
Volumetric Deferral/Variance Account Rider (including CBR Class	1,000	0.0002	0.20	1,000	0.0002	0.20	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>84.80</b>			<b>88.98</b>	<b>4.18</b>	<b>4.93%</b>	<b>36.10%</b>	<b>35.65%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.32%	0.32%
Line Losses on Cost of Power (based on two-tier RPP prices)	96	0.12	11.62	96	0.12	11.62	0.00	0.00%	4.71%	4.65%
Line Losses on Cost of Power (based on TOU prices)	96	0.11	10.69	96	0.11	10.69	0.00	0.00%	4.34%	4.28%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>97.21</b>			<b>101.39</b>	<b>4.18</b>	<b>4.30%</b>	<b>41.14%</b>	<b>40.62%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>96.28</b>			<b>100.46</b>	<b>4.18</b>	<b>4.34%</b>	<b>40.76%</b>	<b>40.25%</b>
Retail Transmission Rate – Network Service Rate	1,096	0.0059	6.47	1,096	0.0057	6.24	-0.23	-3.51%	2.53%	2.50%
Retail Transmission Rate – Line and Transformation Connection \$	1,096	0.0038	4.16	1,096	0.0045	4.90	0.74	17.74%	1.99%	1.96%
<b>Sub-Total: Retail Transmission</b>			<b>10.63</b>			<b>11.14</b>	<b>0.51</b>	<b>4.81%</b>	<b>4.52%</b>	<b>4.46%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>107.84</b>			<b>112.53</b>	<b>4.69</b>	<b>4.35%</b>	<b>45.66%</b>	<b>45.09%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>106.91</b>			<b>111.61</b>	<b>4.69</b>	<b>4.39%</b>	<b>45.28%</b>	<b>44.72%</b>
Wholesale Market Service Rate	1,096	0.0036	3.95	1,096	0.0036	3.95	0.00	0.00%	1.60%	1.58%
Rural Rate Protection Charge	1,096	0.0021	2.30	1,096	0.0021	2.30	0.00	0.00%	0.93%	0.92%
Ontario Electricity Support Program Charge	1,096	0.0011	1.21	1,096	0.0011	1.21	0.00	0.00%	0.49%	0.48%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Regulatory</b>			<b>7.70</b>			<b>7.70</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.13%</b>	<b>3.09%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	<b>7.00</b>	1,000	0.007	<b>7.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.84%</b>	<b>2.80%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>230.04</b>			<b>234.73</b>	<b>4.69</b>	<b>2.04%</b>	<b>95.24%</b>	
HST		0.13	29.91		0.13	30.52	0.61	2.04%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>259.95</b>			<b>265.25</b>	<b>5.30</b>	<b>2.04%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-18.40		-0.08	-18.78	-0.38	-2.04%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>241.54</b>			<b>246.47</b>	<b>4.93</b>	<b>2.04%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>233.01</b>			<b>237.70</b>	<b>4.69</b>	<b>2.01%</b>		<b>95.24%</b>
HST		0.13	30.29		0.13	30.90	0.61	2.01%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>263.30</b>			<b>268.60</b>	<b>5.30</b>	<b>2.01%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-18.64		-0.08	-19.02	-0.38	-2.01%	-7.62%	
<b>Total Amount on TOU</b>			<b>244.66</b>			<b>249.58</b>	<b>4.93</b>	<b>2.01%</b>		<b>100.00%</b>

**2018 Bill Impacts (Typical Consumption Level)**

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Rate Class	GSe
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2192
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	16.27%	
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	31.85%	
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.12%</b>	
TOU-Off Peak	1,300	0.087	113.10	1,300	0.087	113.10	0.00	0.00%		24.22%
TOU-Mid Peak	340	0.132	44.88	340	0.132	44.88	0.00	0.00%		9.61%
TOU-On Peak	360	0.180	64.80	360	0.180	64.80	0.00	0.00%		13.88%
<b>Sub-Total: Energy (TOU)</b>			<b>222.78</b>			<b>222.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.92%</b>	<b>47.71%</b>
Service Charge	1	27.87	27.87	1	29.68	29.68	1.81	6.49%	6.25%	6.36%
Fixed Deferral/Variance Account Rider	1	0.73	0.73	1	0.00	0.00	-0.73	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	2,000	0.0560	112.00	2,000	0.0591	118.20	6.20	5.54%	24.89%	25.32%
Volumetric Deferral/Variance Account Rider (including CBR Class	2,000	0.0002	0.40	2,000	0.0002	0.40	0.00	0.00%	0.08%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>141.00</b>			<b>148.28</b>	<b>7.28</b>	<b>5.16%</b>	<b>31.23%</b>	<b>31.76%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.17%	0.17%
Line Losses on Cost of Power (based on two-tier RPP prices)	192	0.12	23.23	192	0.12	23.23	0.00	0.00%	4.89%	4.98%
Line Losses on Cost of Power (based on TOU prices)	192	0.11	21.39	192	0.11	21.39	0.00	0.00%	4.50%	4.58%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>165.02</b>			<b>172.30</b>	<b>7.28</b>	<b>4.41%</b>	<b>36.29%</b>	<b>36.90%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>163.18</b>			<b>170.46</b>	<b>7.28</b>	<b>4.46%</b>	<b>35.90%</b>	<b>36.51%</b>
Retail Transmission Rate – Network Service Rate	2,192	0.0059	12.93	2,192	0.0057	12.48	-0.45	-3.51%	2.63%	2.67%
Retail Transmission Rate – Line and Transformation Connection \$	2,192	0.0038	8.33	2,192	0.0045	9.81	1.48	17.74%	2.07%	2.10%
<b>Sub-Total: Retail Transmission</b>			<b>21.26</b>			<b>22.29</b>	<b>1.02</b>	<b>4.81%</b>	<b>4.69%</b>	<b>4.77%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>186.28</b>			<b>194.59</b>	<b>8.30</b>	<b>4.46%</b>	<b>40.98%</b>	<b>41.68%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>184.44</b>			<b>192.74</b>	<b>8.30</b>	<b>4.50%</b>	<b>40.59%</b>	<b>41.28%</b>
Wholesale Market Service Rate	2,192	0.0036	7.89	2,192	0.0036	7.89	0.00	0.00%	1.66%	1.69%
Rural Rate Protection Charge	2,192	0.0021	4.60	2,192	0.0021	4.60	0.00	0.00%	0.97%	0.99%
Ontario Electricity Support Program Charge	2,192	0.0011	2.41	2,192	0.0011	2.41	0.00	0.00%	0.51%	0.52%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>15.16</b>			<b>15.16</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.19%</b>	<b>3.25%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	<b>14.00</b>	2,000	0.007	<b>14.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.95%</b>	<b>3.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>443.94</b>			<b>452.24</b>	<b>8.30</b>	<b>1.87%</b>	<b>95.24%</b>	
HST		0.13	57.71		0.13	58.79	1.08	1.87%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>501.65</b>			<b>511.04</b>	<b>9.38</b>	<b>1.87%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-35.52		-0.08	-36.18	-0.66	-1.87%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>466.14</b>			<b>474.86</b>	<b>8.72</b>	<b>1.87%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>436.37</b>			<b>444.68</b>	<b>8.30</b>	<b>1.90%</b>		<b>95.24%</b>
HST		0.13	56.73		0.13	57.81	1.08	1.90%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>493.10</b>			<b>502.49</b>	<b>9.38</b>	<b>1.90%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-34.91		-0.08	-35.57	-0.66	-1.90%	-7.62%	
<b>Total Amount on TOU</b>			<b>458.19</b>			<b>466.91</b>	<b>8.72</b>	<b>1.90%</b>		<b>100.00%</b>

**2018 Bill Impacts (Average Consumption Level)**

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Rate Class	GSe
Monthly Consumption (kWh)	1982
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2172
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	16.41%	
Energy Second Tier (kWh)	1,232	0.121	149.07	1,232	0.121	149.07	0.00	0.00%	31.67%	
<b>Sub-Total: Energy (RPP)</b>			<b>226.32</b>			<b>226.32</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.08%</b>	
TOU-Off Peak	1,288	0.087	112.08	1,288	0.087	112.08	0.00	0.00%		24.21%
TOU-Mid Peak	337	0.132	44.48	337	0.132	44.48	0.00	0.00%		9.61%
TOU-On Peak	357	0.180	64.22	357	0.180	64.22	0.00	0.00%		13.87%
<b>Sub-Total: Energy (TOU)</b>			<b>220.77</b>			<b>220.77</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.90%</b>	<b>47.68%</b>
Service Charge	1	27.87	27.87	1	29.68	29.68	1.81	6.49%	6.30%	6.41%
Fixed Deferral/Variance Account Rider	1	0.73	0.73	1	0.00	0.00	-0.73	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	1,982	0.0560	110.99	1,982	0.0591	117.14	6.14	5.54%	24.88%	25.30%
Volumetric Deferral/Variance Account Rider (including CBR Class	1,982	0.0002	0.40	1,982	0.0002	0.40	0.00	0.00%	0.08%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>139.99</b>			<b>147.21</b>	<b>7.22</b>	<b>5.16%</b>	<b>31.27%</b>	<b>31.80%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.17%	0.17%
Line Losses on Cost of Power (based on two-tier RPP prices)	190	0.12	23.02	190	0.12	23.02	0.00	0.00%	4.89%	4.97%
Line Losses on Cost of Power (based on TOU prices)	190	0.11	21.19	190	0.11	21.19	0.00	0.00%	4.50%	4.58%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>163.80</b>			<b>171.03</b>	<b>7.22</b>	<b>4.41%</b>	<b>36.33%</b>	<b>36.94%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>161.97</b>			<b>169.20</b>	<b>7.22</b>	<b>4.46%</b>	<b>35.94%</b>	<b>36.54%</b>
Retail Transmission Rate – Network Service Rate	2,172	0.0059	12.82	2,172	0.0057	12.37	-0.45	-3.51%	2.63%	2.67%
Retail Transmission Rate – Line and Transformation Connection	2,172	0.0038	8.25	2,172	0.0045	9.72	1.46	17.74%	2.06%	2.10%
<b>Sub-Total: Retail Transmission</b>			<b>21.07</b>			<b>22.09</b>	<b>1.01</b>	<b>4.81%</b>	<b>4.69%</b>	<b>4.77%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>184.87</b>			<b>193.11</b>	<b>8.24</b>	<b>4.46%</b>	<b>41.02%</b>	<b>41.71%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>183.04</b>			<b>191.28</b>	<b>8.24</b>	<b>4.50%</b>	<b>40.63%</b>	<b>41.31%</b>
Wholesale Market Service Rate	2,172	0.0036	7.82	2,172	0.0036	7.82	0.00	0.00%	1.66%	1.69%
Rural Rate Protection Charge	2,172	0.0021	4.56	2,172	0.0021	4.56	0.00	0.00%	0.97%	0.99%
Ontario Electricity Support Program Charge	2,172	0.0011	2.39	2,172	0.0011	2.39	0.00	0.00%	0.51%	0.52%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>15.02</b>			<b>15.02</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.19%</b>	<b>3.24%</b>
<b>Debt Retirement Charge (DRC)</b>	1,982	0.007	<b>13.87</b>	1,982	0.007	<b>13.87</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.95%</b>	<b>3.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>440.09</b>			<b>448.33</b>	<b>8.24</b>	<b>1.87%</b>	<b>95.24%</b>	
HST		0.13	57.21		0.13	58.28	1.07	1.87%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>497.30</b>			<b>506.61</b>	<b>9.31</b>	<b>1.87%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-35.21		-0.08	-35.87	-0.66	1.87%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>462.09</b>			<b>470.74</b>	<b>8.65</b>	<b>1.87%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>432.71</b>			<b>440.95</b>	<b>8.24</b>	<b>1.90%</b>		<b>95.24%</b>
HST		0.13	56.25		0.13	57.32	1.07	1.90%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>488.97</b>			<b>498.28</b>	<b>9.31</b>	<b>1.90%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-34.62		-0.08	-35.28	-0.66	1.90%	-7.62%	
<b>Total Amount on TOU</b>			<b>454.35</b>			<b>463.00</b>	<b>8.65</b>	<b>1.90%</b>		<b>100.00%</b>

**2018 Bill Impacts (High Consumption Level)**

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Rate Class	GSe
Monthly Consumption (kWh)	15000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	16440
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	2.24%	
Energy Second Tier (kWh)	14,250	0.121	1,724.25	14,250	0.121	1,724.25	0.00	0.00%	50.07%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,801.50</b>			<b>1,801.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>52.31%</b>	
TOU-Off Peak	9,750	0.087	848.25	9,750	0.087	848.25	0.00	0.00%		25.77%
TOU-Mid Peak	2,550	0.132	336.60	2,550	0.132	336.60	0.00	0.00%		10.22%
TOU-On Peak	2,700	0.180	486.00	2,700	0.180	486.00	0.00	0.00%		14.76%
<b>Sub-Total: Energy (TOU)</b>			<b>1,670.85</b>			<b>1,670.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.52%</b>	<b>50.75%</b>
Service Charge	1	27.87	27.87	1	29.68	29.68	1.81	6.49%	0.86%	0.90%
Fixed Deferral/Variance Account Rider	1	0.73	0.73	1	0.00	0.00	-0.73	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	15,000	0.0560	840.00	15,000	0.0591	886.50	46.50	5.54%	25.74%	26.93%
Volumetric Deferral/Variance Account Rider (including CBR Class	15,000	0.0002	3.00	15,000	0.0002	3.00	0.00	0.00%	0.09%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>871.60</b>			<b>919.18</b>	<b>47.58</b>	<b>5.46%</b>	<b>26.69%</b>	<b>27.92%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.02%	0.02%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,440	0.12	174.24	1,440	0.12	174.24	0.00	0.00%	5.06%	5.29%
Line Losses on Cost of Power (based on TOU prices)	1,440	0.11	160.40	1,440	0.11	160.40	0.00	0.00%	4.66%	4.87%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>1,046.63</b>			<b>1,094.21</b>	<b>47.58</b>	<b>4.55%</b>	<b>31.77%</b>	<b>33.24%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>1,032.79</b>			<b>1,080.37</b>	<b>47.58</b>	<b>4.61%</b>	<b>31.37%</b>	<b>32.82%</b>
Retail Transmission Rate – Network Service Rate	16,440	0.0059	97.00	16,440	0.0057	93.59	-3.40	-3.51%	2.72%	2.84%
Retail Transmission Rate – Line and Transformation Connection \$	16,440	0.0038	62.47	16,440	0.0045	73.55	11.08	17.74%	2.14%	2.23%
<b>Sub-Total: Retail Transmission</b>			<b>159.47</b>			<b>167.15</b>	<b>7.68</b>	<b>4.81%</b>	<b>4.85%</b>	<b>5.08%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>1,206.10</b>			<b>1,261.36</b>	<b>55.26</b>	<b>4.58%</b>	<b>36.63%</b>	<b>38.31%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>1,192.26</b>			<b>1,247.52</b>	<b>55.26</b>	<b>4.63%</b>	<b>36.22%</b>	<b>37.89%</b>
Wholesale Market Service Rate	16,440	0.0036	59.18	16,440	0.0036	59.18	0.00	0.00%	1.72%	1.80%
Rural Rate Protection Charge	16,440	0.0021	34.52	16,440	0.0021	34.52	0.00	0.00%	1.00%	1.05%
Ontario Electricity Support Program Charge	16,440	0.0011	18.08	16,440	0.0011	18.08	0.00	0.00%	0.53%	0.55%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Regulatory</b>			<b>112.04</b>			<b>112.04</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.25%</b>	<b>3.40%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.05%</b>	<b>3.19%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>3,224.64</b>			<b>3,279.90</b>	<b>55.26</b>	<b>1.71%</b>	<b>95.24%</b>	
HST		0.13	419.20		0.13	426.39	7.18	1.71%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>3,643.84</b>			<b>3,706.28</b>	<b>62.44</b>	<b>1.71%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-257.97		-0.08	-262.39	-4.42	-1.71%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>3,385.87</b>			<b>3,443.89</b>	<b>58.02</b>	<b>1.71%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>3,080.15</b>			<b>3,135.41</b>	<b>55.26</b>	<b>1.79%</b>		<b>95.24%</b>
HST		0.13	400.42		0.13	407.60	7.18	1.79%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>3,480.57</b>			<b>3,543.01</b>	<b>62.44</b>	<b>1.79%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-246.41		-0.08	-250.83	-4.42	-1.79%	-7.62%	
<b>Total Amount on TOU</b>			<b>3,234.16</b>			<b>3,292.18</b>	<b>58.02</b>	<b>1.79%</b>		<b>100.00%</b>

**2018 Bill Impacts (Low Consumption Level)**

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Rate Class	UGd
Monthly Consumption (kWh)	15,000
Peak (kW)	60
Loss factor	1.050
Load factor	34%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	15,750
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,750	0.103	1,622.25	15,750	0.103	1,622.25	0.00	0.00%	51.61%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,622.25</b>			<b>1,622.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.61%</b>
Service Charge	1	93.97	93.97	1	101.13	101.13	7.16	7.62%	3.22%
Fixed Deferral/Variance Account Rider	1	1.42	1.42	1	0.01	0.01	-1.41	-99.30%	0.00%
Distribution Volumetric Rate	60	9.0851	545.11	60	9.5977	575.86	30.76	5.64%	18.32%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	60	-0.0623	-3.74	60	0.0646	3.88	7.61	-203.69%	0.12%
Volumetric Global Adjustment Account Rider	15,750	-0.0010	-15.75	15,750	0.0019	29.93	45.68	-290.00%	0.95%
<b>Sub-Total: Distribution</b>			<b>621.01</b>			<b>710.80</b>	<b>89.80</b>	<b>14.46%</b>	<b>22.61%</b>
Retail Transmission Rate – Network Service Rate	60	2.1129	126.77	60	2.2310	133.86	7.09	5.59%	4.26%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.3901	83.41	60	1.7047	102.28	18.87	22.63%	3.25%
<b>Sub-Total: Retail Transmission</b>			<b>210.18</b>			<b>236.14</b>	<b>25.96</b>	<b>12.35%</b>	<b>7.51%</b>
<b>Sub-Total: Delivery</b>			<b>831.19</b>			<b>946.95</b>	<b>115.76</b>	<b>13.93%</b>	<b>30.13%</b>
Wholesale Market Service Rate	15,750	0.0036	56.70	15,750	0.0036	56.70	0.00	0.00%	1.80%
Rural Rate Protection Charge	15,750	0.0021	33.08	15,750	0.0021	33.08	0.00	0.00%	1.05%
Ontario Electricity Support Program Charge	15,750	0.0011	17.33	15,750	0.0011	17.33	0.00	0.00%	0.55%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>107.35</b>			<b>107.35</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.42%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.34%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>2,665.79</b>			<b>2,781.55</b>	<b>115.76</b>	<b>4.34%</b>	<b>88.50%</b>
HST		0.13	346.55		0.13	361.60	15.05	4.34%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>3,012.34</b>			<b>3,143.15</b>	<b>130.81</b>	<b>4.34%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>3,012.34</b>			<b>3,143.15</b>	<b>130.81</b>	<b>4.34%</b>	<b>100.00%</b>

**2018 Bill Impacts (Average Consumption Level)**

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Rate Class	UGd
Monthly Consumption (kWh)	50,525
Peak (kW)	135
Loss factor	1.050
Load factor	51%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	53,051
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	53,051	0.103	5,464.28	53,051	0.103	5,464.28	0.00	0.00%	58.85%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>5,464.28</b>			<b>5,464.28</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.85%</b>
Service Charge	1	93.97	93.97	1	101.13	101.13	7.16	7.62%	1.09%
Fixed Deferral/Variance Account Rider	1	1.42	1.42	1	0.01	0.01	-1.41	-99.30%	0.00%
Distribution Volumetric Rate	135	9.0851	1,226.49	135	9.5977	1,295.69	69.20	5.64%	13.95%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	135	-0.0623	-8.41	135	0.0646	8.72	17.13	-203.69%	0.09%
Volumetric Global Adjustment Account Rider	53,051	-0.0010	-53.05	53,051	0.0019	100.80	153.85	-290.00%	1.09%
<b>Sub-Total: Distribution</b>			<b>1,260.42</b>			<b>1,506.35</b>	<b>245.93</b>	<b>19.51%</b>	<b>16.22%</b>
Retail Transmission Rate – Network Service Rate	135	2.1129	285.24	135	2.2310	301.19	15.95	5.59%	3.24%
Retail Transmission Rate – Line and Transformation Connection Service Rate	135	1.3901	187.66	135	1.7047	230.13	42.47	22.63%	2.48%
<b>Sub-Total: Retail Transmission</b>			<b>472.91</b>			<b>531.32</b>	<b>58.42</b>	<b>12.35%</b>	<b>5.72%</b>
<b>Sub-Total: Delivery</b>			<b>1,733.32</b>			<b>2,037.67</b>	<b>304.35</b>	<b>17.56%</b>	<b>21.95%</b>
Wholesale Market Service Rate	53,051	0.0036	190.98	53,051	0.0036	190.98	0.00	0.00%	2.06%
Rural Rate Protection Charge	53,051	0.0021	111.41	53,051	0.0021	111.41	0.00	0.00%	1.20%
Ontario Electricity Support Program Charge	53,051	0.0011	58.36	53,051	0.0011	58.36	0.00	0.00%	0.63%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>361.00</b>			<b>361.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.89%</b>
<b>Debt Retirement Charge (DRC)</b>	50,525	0.007	<b>353.68</b>	50,525	0.007	<b>353.68</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.81%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>7,912.27</b>			<b>8,216.62</b>	<b>304.35</b>	<b>3.85%</b>	<b>88.50%</b>
HST		0.13	1,028.60		0.13	1,068.16	39.57	3.85%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>8,940.87</b>			<b>9,284.78</b>	<b>343.91</b>	<b>3.85%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>8,940.87</b>			<b>9,284.78</b>	<b>343.91</b>	<b>3.85%</b>	<b>100.00%</b>

**2018 Bill Impacts (High Consumption Level)**

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Rate Class	UGd
Monthly Consumption (kWh)	175,000
Peak (kW)	500
Loss factor	1.050
Load factor	48%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	183,750
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	183,750	0.103	18,926.25	183,750	0.103	18,926.25	0.00	0.00%	58.46%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>18,926.25</b>			<b>18,926.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.46%</b>
Service Charge	1	93.97	93.97	1	101.13	101.13	7.16	7.62%	0.31%
Fixed Deferral/Variance Account Rider	1	1.42	1.42	1	0.01	0.01	-1.41	-99.30%	0.00%
Distribution Volumetric Rate	500	9.0851	4,542.55	500	9.5977	4,798.85	256.30	5.64%	14.82%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	500	-0.0623	-31.15	500	0.0646	32.30	63.45	-203.69%	0.10%
Volumetric Global Adjustment Account Rider	183,750	-0.0010	-183.75	183,750	0.0019	349.13	532.88	-290.00%	1.08%
<b>Sub-Total: Distribution</b>			<b>4,423.04</b>			<b>5,281.42</b>	<b>858.37</b>	<b>19.41%</b>	<b>16.31%</b>
Retail Transmission Rate – Network Service Rate	500	2.1129	1,056.45	500	2.2310	1,115.52	59.07	5.59%	3.45%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.3901	695.05	500	1.7047	852.34	157.29	22.63%	2.63%
<b>Sub-Total: Retail Transmission</b>			<b>1,751.50</b>			<b>1,967.86</b>	<b>216.36</b>	<b>12.35%</b>	<b>6.08%</b>
<b>Sub-Total: Delivery</b>			<b>6,174.54</b>			<b>7,249.27</b>	<b>1,074.73</b>	<b>17.41%</b>	<b>22.39%</b>
Wholesale Market Service Rate	183,750	0.0036	661.50	183,750	0.0036	661.50	0.00	0.00%	2.04%
Rural Rate Protection Charge	183,750	0.0021	385.88	183,750	0.0021	385.88	0.00	0.00%	1.19%
Ontario Electricity Support Program Charge	183,750	0.0011	202.13	183,750	0.0011	202.13	0.00	0.00%	0.62%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,249.75</b>			<b>1,249.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.86%</b>
<b>Debt Retirement Charge (DRC)</b>	175,000	0.007	<b>1,225.00</b>	175,000	0.007	<b>1,225.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.78%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>27,575.54</b>			<b>28,650.27</b>	<b>1,074.73</b>	<b>3.90%</b>	<b>88.50%</b>
HST		0.13	3,584.82		0.13	3,724.54	139.72	3.90%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>31,160.36</b>			<b>32,374.81</b>	<b>1,214.45</b>	<b>3.90%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>31,160.36</b>			<b>32,374.81</b>	<b>1,214.45</b>	<b>3.90%</b>	<b>100.00%</b>

**2018 Bill Impacts (Low Consumption Level)**

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Rate Class	GSD
Monthly Consumption (kWh)	15,000
Peak (kW)	60
Loss factor	1.061
Load factor	34%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	15,915
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,915	0.103	1,639.25	15,915	0.103	1,639.25	0.00	0.00%	45.74%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,639.25</b>			<b>1,639.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.74%</b>
Service Charge	1	89.48	89.48	1	102.93	102.93	13.45	15.03%	2.87%
Fixed Deferral/Variance Account Rider	1	1.37	1.37	1	-0.02	-0.02	-1.39	-101.46%	0.00%
Distribution Volumetric Rate	60	15.9121	954.73	60	16.7653	1,005.92	51.19	5.36%	28.07%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	60	0.0428	2.57	60	0.0470	2.82	0.25	9.81%	0.08%
Volumetric Global Adjustment Account Rider	15,915	-0.0010	-15.92	15,915	0.0019	30.24	46.15	-290.00%	0.84%
<b>Sub-Total: Distribution</b>			<b>1,032.23</b>			<b>1,141.89</b>	<b>109.66</b>	<b>10.62%</b>	<b>31.86%</b>
Retail Transmission Rate – Network Service Rate	60	1.7027	102.16	60	1.6718	100.31	-1.85	-1.81%	2.80%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.1398	68.39	60	1.2769	76.61	8.23	12.03%	2.14%
<b>Sub-Total: Retail Transmission</b>			<b>170.55</b>			<b>176.92</b>	<b>6.37</b>	<b>3.74%</b>	<b>4.94%</b>
<b>Sub-Total: Delivery</b>			<b>1,202.78</b>			<b>1,318.81</b>	<b>116.03</b>	<b>9.65%</b>	<b>36.80%</b>
Wholesale Market Service Rate	15,915	0.0036	57.29	15,915	0.0036	57.29	0.00	0.00%	1.60%
Rural Rate Protection Charge	15,915	0.0021	33.42	15,915	0.0021	33.42	0.00	0.00%	0.93%
Ontario Electricity Support Program Charge	15,915	0.0011	17.51	15,915	0.0011	17.51	0.00	0.00%	0.49%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>108.47</b>			<b>108.47</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.03%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.93%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>3,055.50</b>			<b>3,171.53</b>	<b>116.03</b>	<b>3.80%</b>	<b>88.50%</b>
HST		0.13	397.21		0.13	412.30	15.08	3.80%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>3,452.71</b>			<b>3,583.83</b>	<b>131.12</b>	<b>3.80%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>3,452.71</b>			<b>3,583.83</b>	<b>131.12</b>	<b>3.80%</b>	<b>100.00%</b>

**2018 Bill Impacts (Average Consumption Level)**

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Rate Class	GSD
Monthly Consumption (kWh)	36,104
Peak (kW)	124
Loss factor	1.061
Load factor	40%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	38,306
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	38,306	0.103	3,945.55	38,306	0.103	3,945.55	0.00	0.00%	49.28%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>3,945.55</b>			<b>3,945.55</b>	<b>0.00</b>	<b>0.00%</b>	<b>49.28%</b>
Service Charge	1	89.48	89.48	1	102.93	102.93	13.45	15.03%	1.29%
Fixed Deferral/Variance Account Rider	1	1.37	1.37	1	-0.02	-0.02	-1.39	-101.46%	0.00%
Distribution Volumetric Rate	124	15.9121	1,973.10	124	16.7653	2,078.90	105.80	5.36%	25.97%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	124	0.0428	5.31	124	0.0470	5.83	0.52	9.81%	0.07%
Volumetric Global Adjustment Account Rider	38,306	-0.0010	-38.31	38,306	0.0019	72.78	111.09	-290.00%	0.91%
<b>Sub-Total: Distribution</b>			<b>2,030.95</b>			<b>2,260.42</b>	<b>229.47</b>	<b>11.30%</b>	<b>28.23%</b>
Retail Transmission Rate – Network Service Rate	124	1.7027	211.13	124	1.6718	207.31	-3.83	-1.81%	2.59%
Retail Transmission Rate – Line and Transformation Connection Service Rate	124	1.1398	141.34	124	1.2769	158.34	17.00	12.03%	1.98%
<b>Sub-Total: Retail Transmission</b>			<b>352.47</b>			<b>365.64</b>	<b>13.17</b>	<b>3.74%</b>	<b>4.57%</b>
<b>Sub-Total: Delivery</b>			<b>2,383.42</b>			<b>2,626.06</b>	<b>242.64</b>	<b>10.18%</b>	<b>32.80%</b>
Wholesale Market Service Rate	38,306	0.0036	137.90	38,306	0.0036	137.90	0.00	0.00%	1.72%
Rural Rate Protection Charge	38,306	0.0021	80.44	38,306	0.0021	80.44	0.00	0.00%	1.00%
Ontario Electricity Support Program Charge	38,306	0.0011	42.14	38,306	0.0011	42.14	0.00	0.00%	0.53%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>260.73</b>			<b>260.73</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.26%</b>
<b>Debt Retirement Charge (DRC)</b>	36,104	0.007	<b>252.73</b>	36,104	0.007	<b>252.73</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.16%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>6,842.44</b>			<b>7,085.07</b>	<b>242.64</b>	<b>3.55%</b>	<b>88.50%</b>
HST		0.13	889.52		0.13	921.06	31.54	3.55%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>7,731.95</b>			<b>8,006.13</b>	<b>274.18</b>	<b>3.55%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>7,731.95</b>			<b>8,006.13</b>	<b>274.18</b>	<b>3.55%</b>	<b>100.00%</b>

**2018 Bill Impacts (High Consumption Level)**

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Rate Class	Gsd
Monthly Consumption (kWh)	175,000
Peak (kW)	500
Loss factor	1.061
Load factor	48%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	185,675
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	185,675	0.103	19,124.53	185,675	0.103	19,124.53	0.00	0.00%	52.97%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>19,124.53</b>			<b>19,124.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>52.97%</b>
Service Charge	1	89.48	89.48	1	102.93	102.93	13.45	15.03%	0.29%
Fixed Deferral/Variance Account Rider	1	1.37	1.37	1	-0.02	-0.02	-1.39	-101.46%	0.00%
Distribution Volumetric Rate	500	15.9121	7,956.05	500	16.7653	8,382.65	426.60	5.36%	23.22%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	500	0.0428	21.40	500	0.0470	23.50	2.10	9.81%	0.07%
Volumetric Global Adjustment Account Rider	185,675	-0.0010	-185.68	185,675	0.0019	352.78	538.46	-290.00%	0.98%
<b>Sub-Total: Distribution</b>			<b>7,882.63</b>			<b>8,861.84</b>	<b>979.22</b>	<b>12.42%</b>	<b>24.55%</b>
Retail Transmission Rate – Network Service Rate	500	1.7027	851.35	500	1.6718	835.91	-15.44	-1.81%	2.32%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.1398	569.90	500	1.2769	638.46	68.56	12.03%	1.77%
<b>Sub-Total: Retail Transmission</b>			<b>1,421.25</b>			<b>1,474.37</b>	<b>53.12</b>	<b>3.74%</b>	<b>4.08%</b>
<b>Sub-Total: Delivery</b>			<b>9,303.88</b>			<b>10,336.21</b>	<b>1,032.33</b>	<b>11.10%</b>	<b>28.63%</b>
Wholesale Market Service Rate	185,675	0.0036	668.43	185,675	0.0036	668.43	0.00	0.00%	1.85%
Rural Rate Protection Charge	185,675	0.0021	389.92	185,675	0.0021	389.92	0.00	0.00%	1.08%
Ontario Electricity Support Program Charge	185,675	0.0011	204.24	185,675	0.0011	204.24	0.00	0.00%	0.57%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,262.84</b>			<b>1,262.84</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.50%</b>
<b>Debt Retirement Charge (DRC)</b>	175,000	0.007	<b>1,225.00</b>	175,000	0.007	<b>1,225.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.39%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>30,916.24</b>			<b>31,948.57</b>	<b>1,032.33</b>	<b>3.34%</b>	<b>88.50%</b>
HST		0.13	4,019.11		0.13	4,153.31	134.20	3.34%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>34,935.35</b>			<b>36,101.89</b>	<b>1,166.54</b>	<b>3.34%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>34,935.35</b>			<b>36,101.89</b>	<b>1,166.54</b>	<b>3.34%</b>	<b>100.00%</b>

**2018 Bill Impacts (Low Consumption Level)**

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Rate Class	DGEN
Monthly Consumption (kWh)	300
Peak (kW)	10
Loss factor	1.061
Load factor	4%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	318
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	318	0.103	32.78	318	0.103	32.78	0.00	0.00%	9.40%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>32.78</b>			<b>32.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>9.40%</b>
Service Charge	1	149.34	149.34	1	198.03	198.03	48.69	32.60%	56.81%
Fixed Deferral/Variance Account Rider	1	2.72	2.72	1	0.01	0.01	-2.71	-99.63%	0.00%
Distribution Volumetric Rate	10	6.9518	69.52	10	6.0592	60.59	-8.93	-12.84%	17.38%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	10	0.0633	0.63	10	0.0172	0.17	-0.46	-72.83%	0.05%
Volumetric Global Adjustment Account Rider	318	-0.0010	-0.32	318	0.0019	0.60	0.92	-290.00%	0.17%
<b>Sub-Total: Distribution</b>			<b>221.89</b>			<b>259.41</b>	<b>37.52</b>	<b>16.91%</b>	<b>74.41%</b>
Retail Transmission Rate – Network Service Rate	10	0.5549	5.55	10	0.6311	6.31	0.76	13.73%	1.81%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10	0.3553	3.55	10	0.5475	5.47	1.92	54.09%	1.57%
<b>Sub-Total: Retail Transmission</b>			<b>9.10</b>			<b>11.79</b>	<b>2.68</b>	<b>29.48%</b>	<b>3.38%</b>
<b>Sub-Total: Delivery</b>			<b>230.99</b>			<b>271.19</b>	<b>40.20</b>	<b>17.40%</b>	<b>77.80%</b>
Wholesale Market Service Rate	318	0.0036	1.15	318	0.0036	1.15	0.00	0.00%	0.33%
Rural Rate Protection Charge	318	0.0021	0.67	318	0.0021	0.67	0.00	0.00%	0.19%
Ontario Electricity Support Program Charge	318	0.0011	0.35	318	0.0011	0.35	0.00	0.00%	0.10%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.07%
<b>Sub-Total: Regulatory</b>			<b>2.41</b>			<b>2.41</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.69%</b>
<b>Debt Retirement Charge (DRC)</b>	300	0.007	<b>2.10</b>	300	0.007	<b>2.10</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.60%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>268.29</b>			<b>308.49</b>	<b>40.20</b>	<b>14.98%</b>	<b>88.50%</b>
HST		0.13	34.88		0.13	40.10	5.23	14.98%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>303.17</b>			<b>348.60</b>	<b>45.43</b>	<b>14.98%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>303.17</b>			<b>348.60</b>	<b>45.43</b>	<b>14.98%</b>	<b>100.00%</b>

**2018 Bill Impacts (Average Consumption Level)**

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Rate Class	DGEN
Monthly Consumption (kWh)	1,328
Peak (kW)	13
Loss factor	1.061
Load factor	14%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	1,409
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	1,409	0.103	145.13	1,409	0.103	145.13	0.00	0.00%	27.96%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>145.13</b>			<b>145.13</b>	<b>0.00</b>	<b>0.00%</b>	<b>27.96%</b>
Service Charge	1	149.34	149.34	1	198.03	198.03	48.69	32.60%	38.16%
Fixed Deferral/Variance Account Rider	1	2.72	2.72	1	0.01	0.01	-2.71	-99.63%	0.00%
Distribution Volumetric Rate	13	6.9518	90.37	13	6.0592	78.77	-11.60	-12.84%	15.18%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	13	0.0633	0.82	13	0.0172	0.22	-0.60	-72.83%	0.04%
Volumetric Global Adjustment Account Rider	1,409	-0.0010	-1.41	1,409	0.0019	2.68	4.09	-290.00%	0.52%
<b>Sub-Total: Distribution</b>			<b>241.85</b>			<b>279.71</b>	<b>37.86</b>	<b>15.66%</b>	<b>53.89%</b>
Retail Transmission Rate – Network Service Rate	13	0.5549	7.21	13	0.6311	8.20	0.99	13.73%	1.58%
Retail Transmission Rate – Line and Transformation Connection Service Rate	13	0.3553	4.62	13	0.5475	7.12	2.50	54.09%	1.37%
<b>Sub-Total: Retail Transmission</b>			<b>11.83</b>			<b>15.32</b>	<b>3.49</b>	<b>29.48%</b>	<b>2.95%</b>
<b>Sub-Total: Delivery</b>			<b>253.68</b>			<b>295.03</b>	<b>41.35</b>	<b>16.30%</b>	<b>56.85%</b>
Wholesale Market Service Rate	1,409	0.0036	5.07	1,409	0.0036	5.07	0.00	0.00%	0.98%
Rural Rate Protection Charge	1,409	0.0021	2.96	1,409	0.0021	2.96	0.00	0.00%	0.57%
Ontario Electricity Support Program Charge	1,409	0.0011	1.55	1,409	0.0011	1.55	0.00	0.00%	0.30%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%
<b>Sub-Total: Regulatory</b>			<b>9.83</b>			<b>9.83</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.89%</b>
<b>Debt Retirement Charge (DRC)</b>	1,328	0.007	<b>9.30</b>	1,328	0.007	<b>9.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.79%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>417.93</b>			<b>459.29</b>	<b>41.35</b>	<b>9.89%</b>	<b>88.50%</b>
HST		0.13	54.33		0.13	59.71	5.38	9.89%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>472.27</b>			<b>518.99</b>	<b>46.73</b>	<b>9.89%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>472.27</b>			<b>518.99</b>	<b>46.73</b>	<b>9.89%</b>	<b>100.00%</b>

**2018 Bill Impacts (High Consumption Level)**

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Rate Class	DGEN
Monthly Consumption (kWh)	5,000
Peak (kW)	100
Loss factor	1.061
Load factor	7%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	5,305
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	5,305	0.103	546.42	5,305	0.103	546.42	0.00	0.00%	31.17%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>546.42</b>			<b>546.42</b>	<b>0.00</b>	<b>0.00%</b>	<b>31.17%</b>
Service Charge	1	149.34	149.34	1	198.03	198.03	48.69	32.60%	11.30%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	100	6.9518	695.18	100	6.0592	605.92	-89.26	-12.84%	34.56%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	100	0.0633	6.33	100	0.0172	1.72	-4.61	-72.83%	0.10%
Volumetric Global Adjustment Account Rider	5,305	-0.0010	-5.31	5,305	0.0019	10.08	15.38	-290.00%	0.57%
<b>Sub-Total: Distribution</b>			<b>848.27</b>			<b>815.76</b>	<b>-32.51</b>	<b>-3.83%</b>	<b>46.53%</b>
Retail Transmission Rate – Network Service Rate	100	0.5549	55.49	100	0.6311	63.11	7.62	13.73%	3.60%
Retail Transmission Rate – Line and Transformation Connection Service Rate	100	0.3553	35.53	100	0.5475	54.75	19.22	54.09%	3.12%
<b>Sub-Total: Retail Transmission</b>			<b>91.02</b>			<b>117.86</b>	<b>26.84</b>	<b>29.48%</b>	<b>6.72%</b>
<b>Sub-Total: Delivery</b>			<b>939.29</b>			<b>933.62</b>	<b>-5.67</b>	<b>-0.60%</b>	<b>53.26%</b>
Wholesale Market Service Rate	5,305	0.0036	19.10	5,305	0.0036	19.10	0.00	0.00%	1.09%
Rural Rate Protection Charge	5,305	0.0021	11.14	5,305	0.0021	11.14	0.00	0.00%	0.64%
Ontario Electricity Support Program Charge	5,305	0.0011	5.84	5,305	0.0011	5.84	0.00	0.00%	0.33%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>36.32</b>			<b>36.32</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.07%</b>
<b>Debt Retirement Charge (DRC)</b>	5,000	0.007	<b>35.00</b>	5,000	0.007	<b>35.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.00%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>1,557.02</b>			<b>1,551.35</b>	<b>-5.67</b>	<b>-0.36%</b>	<b>88.50%</b>
HST		0.13	202.41		0.13	201.68	-0.74	-0.36%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>1,759.44</b>			<b>1,753.03</b>	<b>-6.41</b>	<b>-0.36%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>1,759.44</b>			<b>1,753.03</b>	<b>-6.41</b>	<b>-0.36%</b>	<b>100.00%</b>

**2018 Bill Impacts (Low Consumption Level)**

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Rate Class	ST
Monthly Consumption (kWh)	200,000
Peak (kW)	500
Loss factor	1.034
Load factor	55%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	206,800
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	206,800	0.103	21,300.40	206,800	0.103	21,300.40	0.00	0.00%	63.80%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>21,300.40</b>			<b>21,300.40</b>	<b>0.00</b>	<b>0.00%</b>	<b>63.80%</b>
Service Charge	1	1256.56	1,256.56	1	1204.08	1,204.08	-52.48	-4.18%	3.61%
Fixed Deferral/Variance Account Rider	1	11.86	11.86	1	3.83	3.83	-8.03	-67.71%	0.01%
Distribution Volumetric Rate	500	1.2052	602.60	500	1.315307	657.65	55.05	9.14%	1.97%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	500	0.3126	156.30	500	0.2729	136.45	-19.85	-12.70%	0.41%
Volumetric Global Adjustment Account Rider	206,800	-0.0010	-206.80	206,800	0.0019	392.92	599.72	-290.00%	1.18%
<b>Sub-Total: Distribution</b>			<b>1,820.52</b>			<b>2,394.93</b>	<b>574.41</b>	<b>31.55%</b>	<b>7.17%</b>
Retail Transmission Rate – Network Service Rate	500	3.3028	1,651.40	500	3.4866	1,743.32	91.92	5.57%	5.22%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	2.6060	1,303.00	500	2.6022	1,301.08	-1.92	-0.15%	3.90%
<b>Sub-Total: Retail Transmission</b>			<b>2,954.40</b>			<b>3,044.41</b>	<b>90.01</b>	<b>3.05%</b>	<b>9.12%</b>
<b>Sub-Total: Delivery</b>			<b>4,774.92</b>			<b>5,439.34</b>	<b>664.42</b>	<b>13.91%</b>	<b>16.29%</b>
Wholesale Market Service Rate	206,800	0.0036	744.48	206,800	0.0036	744.48	0.00	0.00%	2.23%
Rural Rate Protection Charge	206,800	0.0021	434.28	206,800	0.0021	434.28	0.00	0.00%	1.30%
Ontario Electricity Support Program Charge	206,800	0.0011	227.48	206,800	0.0011	227.48	0.00	0.00%	0.68%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,406.49</b>			<b>1,406.49</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.21%</b>
<b>Debt Retirement Charge (DRC)</b>	200,000	0.007	<b>1,400.00</b>	200,000	0.007	<b>1,400.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.19%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>28,881.81</b>			<b>29,546.23</b>	<b>664.42</b>	<b>2.30%</b>	<b>88.50%</b>
HST		0.13	3,754.64		0.13	3,841.01	86.37	2.30%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>32,636.45</b>			<b>33,387.24</b>	<b>750.79</b>	<b>2.30%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>32,636.45</b>			<b>33,387.24</b>	<b>750.79</b>	<b>2.30%</b>	<b>100.00%</b>

**2018 Bill Impacts (Average Consumption Level)**

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Rate Class	ST
Monthly Consumption (kWh)	1,601,036
Peak (kW)	3,091
Loss factor	1.034
Load factor	71%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	1,655,471
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	1,655,471	0.103	170,513.54	1,655,471	0.103	170,513.54	0.00	0.00%	68.26%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>170,513.54</b>			<b>170,513.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>68.26%</b>
Service Charge	1	1256.56	1,256.56	1	1204.08	1,204.08	-52.48	-4.18%	0.48%
Fixed Deferral/Variance Account Rider	1	11.86	11.86	1	3.83	3.83	-8.03	-67.71%	0.00%
Distribution Volumetric Rate	3,091	1.2052	3,725.27	3,091	1.315307	4,065.61	340.34	9.14%	1.63%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	3,091	0.3126	966.25	3,091	0.2729	843.53	-122.71	-12.70%	0.34%
Volumetric Global Adjustment Account Rider	1,655,471	-0.0010	-1,655.47	1,655,471	0.0019	3,145.40	4,800.87	-290.00%	1.26%
<b>Sub-Total: Distribution</b>			<b>4,304.47</b>			<b>9,262.45</b>	<b>4,957.98</b>	<b>115.18%</b>	<b>3.71%</b>
Retail Transmission Rate – Network Service Rate	3,091	3.3028	10,208.95	3,091	3.4866	10,777.23	568.27	5.57%	4.31%
Retail Transmission Rate – Line and Transformation Connection Service Rate	3,091	2.6060	8,055.15	3,091	2.6022	8,043.29	-11.86	-0.15%	3.22%
<b>Sub-Total: Retail Transmission</b>			<b>18,264.10</b>			<b>18,820.52</b>	<b>556.42</b>	<b>3.05%</b>	<b>7.53%</b>
<b>Sub-Total: Delivery</b>			<b>22,568.57</b>			<b>28,082.97</b>	<b>5,514.40</b>	<b>24.43%</b>	<b>11.24%</b>
Wholesale Market Service Rate	1,655,471	0.0036	5,959.70	1,655,471	0.0036	5,959.70	0.00	0.00%	2.39%
Rural Rate Protection Charge	1,655,471	0.0021	3,476.49	1,655,471	0.0021	3,476.49	0.00	0.00%	1.39%
Ontario Electricity Support Program Charge	1,655,471	0.0011	1,821.02	1,655,471	0.0011	1,821.02	0.00	0.00%	0.73%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>11,257.45</b>			<b>11,257.45</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.51%</b>
<b>Debt Retirement Charge (DRC)</b>	1,601,036	0.007	<b>11,207.25</b>	1,601,036	0.007	<b>11,207.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.49%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>215,546.81</b>			<b>221,061.21</b>	<b>5,514.40</b>	<b>2.56%</b>	<b>88.50%</b>
HST		0.13	28,021.09		0.13	28,737.96	716.87	2.56%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>243,567.90</b>			<b>249,799.17</b>	<b>6,231.28</b>	<b>2.56%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>243,567.90</b>			<b>249,799.17</b>	<b>6,231.28</b>	<b>2.56%</b>	<b>100.00%</b>

**2018 Bill Impacts (High Consumption Level)**

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Rate Class	ST
Monthly Consumption (kWh)	4,000,000
Peak (kW)	10,000
Loss factor	1.034
Load factor	55%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	4,136,000
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	4,136,000	0.103	426,008.00	4,136,000	0.103	426,008.00	0.00	0.00%	66.38%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>426,008.00</b>			<b>426,008.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>66.38%</b>
Service Charge	1	1256.56	1,256.56	1	1204.08	1,204.08	-52.48	-4.18%	0.19%
Fixed Deferral/Variance Account Rider	1	11.86	11.86	1	3.83	3.83	-8.03	-67.71%	0.00%
Distribution Volumetric Rate	10,000	1.2052	12,052.00	10,000	1.315307	13,153.07	1,101.07	9.14%	2.05%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	10,000	0.3126	3,126.00	10,000	0.2729	2,729.00	-397.00	-12.70%	0.43%
Volumetric Global Adjustment Account Rider	4,136,000	-0.0010	-4,136.00	4,136,000	0.0019	7,858.40	11,994.40	-290.00%	1.22%
<b>Sub-Total: Distribution</b>			<b>12,310.42</b>			<b>24,948.38</b>	<b>12,637.96</b>	<b>102.66%</b>	<b>3.89%</b>
Retail Transmission Rate – Network Service Rate	10,000	3.3028	33,028.00	10,000	3.4866	34,866.48	1,838.48	5.57%	5.43%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,000	2.6060	26,060.00	10,000	2.6022	26,021.64	-38.36	-0.15%	4.05%
<b>Sub-Total: Retail Transmission</b>			<b>59,088.00</b>			<b>60,888.12</b>	<b>1,800.12</b>	<b>3.05%</b>	<b>9.49%</b>
<b>Sub-Total: Delivery</b>			<b>71,398.42</b>			<b>85,836.50</b>	<b>14,438.08</b>	<b>20.22%</b>	<b>13.37%</b>
Wholesale Market Service Rate	4,136,000	0.0036	14,889.60	4,136,000	0.0036	14,889.60	0.00	0.00%	2.32%
Rural Rate Protection Charge	4,136,000	0.0021	8,685.60	4,136,000	0.0021	8,685.60	0.00	0.00%	1.35%
Ontario Electricity Support Program Charge	4,136,000	0.0011	4,549.60	4,136,000	0.0011	4,549.60	0.00	0.00%	0.71%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>28,125.05</b>			<b>28,125.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.38%</b>
<b>Debt Retirement Charge (DRC)</b>	4,000,000	0.007	<b>28,000.00</b>	4,000,000	0.007	<b>28,000.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.36%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>553,531.47</b>			<b>567,969.55</b>	<b>14,438.08</b>	<b>2.61%</b>	<b>88.50%</b>
HST		0.13	71,959.09		0.13	73,836.04	1,876.95	2.61%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>625,490.56</b>			<b>641,805.60</b>	<b>16,315.04</b>	<b>2.61%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>625,490.56</b>			<b>641,805.60</b>	<b>16,315.04</b>	<b>2.61%</b>	<b>100.00%</b>

**2018 Bill Impacts (Low Consumption Level)**

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Rate Class	USL
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	109.2
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	100	0.103	10.30	100	0.103	10.30	0.00	0.00%	18.92%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>10.30</b>			<b>10.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>18.92%</b>
Service Charge	1	35.18	35.18	1	35.1	35.10	-0.08	-0.23%	64.46%
Fixed Deferral/Variance Account Rider	1	0.51	0.51	1	-0.01	-0.01	-0.52	-101.96%	-0.02%
Distribution Volumetric Rate	100	0.0285	2.85	100	0.0287	2.87	0.02	0.70%	5.27%
Volumetric Deferral/Variance Account Rider (including CBR Class)	100	-0.0001	-0.01	100	0.0002	0.02	0.03	-300.00%	0.04%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>38.53</b>			<b>37.98</b>	<b>-0.55</b>	<b>-1.43%</b>	<b>69.75%</b>
Line Losses on Cost of Power	9	0.10	0.95	9	0.10	0.95	0.00	0.00%	1.74%
<b>Sub-Total: Distribution</b>			<b>39.48</b>			<b>38.93</b>	<b>-0.55</b>	<b>-1.39%</b>	<b>71.49%</b>
Retail Transmission Rate – Network Service Rate	109	0.0047	0.51	109	0.0048	0.52	0.01	1.49%	0.96%
Retail Transmission Rate – Line and Transformation Connection S	109	0.0031	0.34	109	0.0038	0.41	0.08	22.42%	0.76%
<b>Sub-Total: Retail Transmission</b>			<b>0.85</b>			<b>0.94</b>	<b>0.08</b>	<b>9.81%</b>	<b>1.72%</b>
<b>Sub-Total: Delivery</b>			<b>40.33</b>			<b>39.86</b>	<b>-0.47</b>	<b>-1.16%</b>	<b>73.21%</b>
Wholesale Market Service Rate	109	0.0036	0.39	109	0.0036	0.39	0.00	0.00%	0.72%
Rural Rate Protection Charge	109	0.0021	0.23	109	0.0021	0.23	0.00	0.00%	0.42%
Ontario Electricity Support Program Charge	109	0.0011	0.12	109	0.0011	0.12	0.00	0.00%	0.22%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.46%
<b>Sub-Total: Regulatory</b>			<b>0.99</b>			<b>0.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.82%</b>
Debt Retirement Charge (DRC)	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	1.29%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>52.32</b>			<b>51.86</b>	<b>-0.47</b>	<b>-0.89%</b>	<b>95.24%</b>
HST		0.13	6.80		0.13	6.74	-0.06	-0.89%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>59.12</b>			<b>58.60</b>	<b>-0.53</b>	<b>-0.89%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-4.19		-0.08	-4.15	0.04	-0.89%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>54.94</b>			<b>54.45</b>	<b>-0.49</b>	<b>-0.89%</b>	<b>100.00%</b>

**2018 Bill Impacts (Average Consumption Level)**

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Rate Class	USL
Monthly Consumption (kWh)	364
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	397
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	364	0.103	37.49	364	0.103	37.49	0.00	0.00%	37.41%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>37.49</b>			<b>37.49</b>	<b>0.00</b>	<b>0.00%</b>	<b>37.41%</b>
Service Charge	1	35.18	35.18	1	35.1	35.10	-0.08	-0.23%	35.02%
Fixed Deferral/Variance Account Rider	1	0.51	0.51	1	-0.01	-0.01	-0.52	-101.96%	-0.01%
Distribution Volumetric Rate	364	0.0285	10.37	364	0.0287	10.45	0.07	0.70%	10.42%
Volumetric Deferral/Variance Account Rider (including CBR Class)	364	-0.0001	-0.04	364	0.0002	0.07	0.11	-300.00%	0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>46.03</b>			<b>45.61</b>	<b>-0.42</b>	<b>-0.91%</b>	<b>45.51%</b>
Line Losses on Cost of Power	33	0.10	3.45	33	0.10	3.45	0.00	0.00%	3.44%
<b>Sub-Total: Distribution</b>			<b>49.48</b>			<b>49.06</b>	<b>-0.42</b>	<b>-0.84%</b>	<b>48.95%</b>
Retail Transmission Rate – Network Service Rate	397	0.0047	1.87	397	0.0048	1.90	0.03	1.49%	1.89%
Retail Transmission Rate – Line and Transformation Connection S	397	0.0031	1.23	397	0.0038	1.51	0.28	22.42%	1.51%
<b>Sub-Total: Retail Transmission</b>			<b>3.10</b>			<b>3.40</b>	<b>0.30</b>	<b>9.81%</b>	<b>3.40%</b>
<b>Sub-Total: Delivery</b>			<b>52.58</b>			<b>52.46</b>	<b>-0.11</b>	<b>-0.22%</b>	<b>52.34%</b>
Wholesale Market Service Rate	397	0.0036	1.43	397	0.0036	1.43	0.00	0.00%	1.43%
Rural Rate Protection Charge	397	0.0021	0.83	397	0.0021	0.83	0.00	0.00%	0.83%
Ontario Electricity Support Program Charge	397	0.0011	0.44	397	0.0011	0.44	0.00	0.00%	0.44%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.25%
<b>Sub-Total: Regulatory</b>			<b>2.95</b>			<b>2.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.95%</b>
Debt Retirement Charge (DRC)	364	0.007	2.55	364	0.007	2.55	0.00	0.00%	2.54%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>95.57</b>			<b>95.46</b>	<b>-0.11</b>	<b>-0.12%</b>	<b>95.24%</b>
HST		0.13	12.42		0.13	12.41	-0.01	-0.12%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>107.99</b>			<b>107.87</b>	<b>-0.13</b>	<b>-0.12%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-7.65		-0.08	-7.64	0.01	-0.12%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>100.35</b>			<b>100.23</b>	<b>-0.12</b>	<b>-0.12%</b>	<b>100.00%</b>

**2018 Bill Impacts (High Consumption Level)**

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Rate Class	USL
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	1092
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	35.60%
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	13.94%
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>49.54%</b>
Service Charge	1	35.18	35.18	1	35.1	35.10	-0.08	-0.23%	16.18%
Fixed Deferral/Variance Account Rider	1	0.51	0.51	1	-0.01	-0.01	-0.52	-101.96%	0.00%
Distribution Volumetric Rate	1,000	0.0285	28.50	1,000	0.0287	28.70	0.20	0.70%	13.23%
Volumetric Deferral/Variance Account Rider (including CBR Class)	1,000	-0.0001	-0.10	1,000	0.0002	0.20	0.30	-300.00%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>64.09</b>			<b>63.99</b>	<b>-0.10</b>	<b>-0.16%</b>	<b>29.49%</b>
Line Losses on Cost of Power	92	0.12	11.13	92	0.12	11.13	0.00	0.00%	5.13%
<b>Sub-Total: Distribution</b>			<b>75.22</b>			<b>75.12</b>	<b>-0.10</b>	<b>-0.13%</b>	<b>34.62%</b>
Retail Transmission Rate – Network Service Rate	1,092	0.0047	5.13	1,092	0.0048	5.21	0.08	1.49%	2.40%
Retail Transmission Rate – Line and Transformation Connection S	1,092	0.0031	3.39	1,092	0.0038	4.14	0.76	22.42%	1.91%
<b>Sub-Total: Retail Transmission</b>			<b>8.52</b>			<b>9.35</b>	<b>0.84</b>	<b>9.81%</b>	<b>4.31%</b>
<b>Sub-Total: Delivery</b>			<b>83.74</b>			<b>84.47</b>	<b>0.74</b>	<b>0.88%</b>	<b>38.93%</b>
Wholesale Market Service Rate	1,092	0.0036	3.93	1,092	0.0036	3.93	0.00	0.00%	1.81%
Rural Rate Protection Charge	1,092	0.0021	2.29	1,092	0.0021	2.29	0.00	0.00%	1.06%
Ontario Electricity Support Program Charge	1,092	0.0011	1.20	1,092	0.0011	1.20	0.00	0.00%	0.55%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.12%
<b>Sub-Total: Regulatory</b>			<b>7.68</b>			<b>7.68</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.54%</b>
Debt Retirement Charge (DRC)	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	3.23%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>205.92</b>			<b>206.65</b>	<b>0.74</b>	<b>0.36%</b>	<b>95.24%</b>
HST		0.13	26.77		0.13	26.86	0.10	0.36%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>232.68</b>			<b>233.52</b>	<b>0.83</b>	<b>0.36%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-16.47		-0.08	-16.53	-0.06	0.36%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>216.21</b>			<b>216.98</b>	<b>0.77</b>	<b>0.36%</b>	<b>100.00%</b>

**2018 Bill Impacts (Low Consumption Level)**

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Rate Class	Sen Lgt
Monthly Consumption (kWh)	20
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	21.84
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	20	0.103	2.06	20	0.103	2.06	0.00	0.00%	23.23%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>2.06</b>			<b>2.06</b>	<b>0.00</b>	<b>0.00%</b>	<b>23.23%</b>
Service Charge	1	2.71	2.71	1	3.1	3.10	0.39	14.39%	34.95%
Fixed Deferral/Variance Account Rider	1	0.05	0.05	1	0	0.00	-0.05	-100.00%	0.00%
Distribution Volumetric Rate	20	0.1178	2.36	20	0.1180	2.36	0.00	0.17%	26.61%
Volumetric Deferral/Variance Account Rider (including CBR Class)	20	0.0009	0.02	20	0.0001	0.00	-0.02	-88.89%	0.02%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>5.13</b>			<b>5.46</b>	<b>0.33</b>	<b>6.39%</b>	<b>61.59%</b>
Line Losses on Cost of Power	2	0.10	0.19	2	0.10	0.19	0.00	0.00%	2.14%
<b>Sub-Total: Distribution</b>			<b>5.32</b>			<b>5.65</b>	<b>0.33</b>	<b>6.16%</b>	<b>63.72%</b>
Retail Transmission Rate – Network Service Rate	22	0.0045	0.10	22	0.0047	0.10	0.00	4.40%	1.16%
Retail Transmission Rate – Line and Transformation Connection S	22	0.0027	0.06	22	0.0043	0.09	0.03	58.89%	1.06%
<b>Sub-Total: Retail Transmission</b>			<b>0.16</b>			<b>0.20</b>	<b>0.04</b>	<b>24.83%</b>	<b>2.21%</b>
<b>Sub-Total: Delivery</b>			<b>5.48</b>			<b>5.85</b>	<b>0.37</b>	<b>6.70%</b>	<b>65.94%</b>
Wholesale Market Service Rate	22	0.0036	0.08	22	0.0036	0.08	0.00	0.00%	0.89%
Rural Rate Protection Charge	22	0.0021	0.05	22	0.0021	0.05	0.00	0.00%	0.52%
Ontario Electricity Support Program Charge	22	0.0011	0.02	22	0.0011	0.02	0.00	0.00%	0.27%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	2.82%
<b>Sub-Total: Regulatory</b>			<b>0.40</b>			<b>0.40</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.49%</b>
Debt Retirement Charge (DRC)	20	0.007	0.14	20	0.007	0.14	0.00	0.00%	1.58%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>8.08</b>			<b>8.45</b>	<b>0.37</b>	<b>4.54%</b>	<b>95.24%</b>
HST		0.13	1.05		0.13	1.10	0.05	4.54%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>9.13</b>			<b>9.54</b>	<b>0.41</b>	<b>4.54%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-0.65		-0.08	-0.68	-0.03	4.54%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>8.48</b>			<b>8.87</b>	<b>0.39</b>	<b>4.54%</b>	<b>100.00%</b>

**2018 Bill Impacts (Average Consumption Level)**

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Rate Class	Sen Lgt
Monthly Consumption (kWh)	71
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	78
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	71	0.103	7.31	71	0.103	7.31	0.00	0.00%	32.48%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>7.31</b>			<b>7.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>32.48%</b>
Service Charge	1	2.71	2.71	1	3.1	3.10	0.39	14.39%	13.77%
Fixed Deferral/Variance Account Rider	1	0.05	0.05	1	0	0.00	-0.05	-100.00%	0.00%
Distribution Volumetric Rate	71	0.1178	8.36	71	0.1180	8.38	0.01	0.17%	37.21%
Volumetric Deferral/Variance Account Rider (including CBR Class	71	0.0009	0.06	71	0.0001	0.01	-0.06	-88.89%	0.03%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>11.19</b>			<b>11.49</b>	<b>0.30</b>	<b>2.66%</b>	<b>51.01%</b>
Line Losses on Cost of Power	7	0.10	0.67	7	0.10	0.67	0.00	0.00%	2.99%
<b>Sub-Total: Distribution</b>			<b>11.86</b>			<b>12.16</b>	<b>0.30</b>	<b>2.51%</b>	<b>54.00%</b>
Retail Transmission Rate – Network Service Rate	78	0.0045	0.35	78	0.0047	0.36	0.02	4.40%	1.62%
Retail Transmission Rate – Line and Transformation Connection S	78	0.0027	0.21	78	0.0043	0.33	0.12	58.89%	1.48%
<b>Sub-Total: Retail Transmission</b>			<b>0.56</b>			<b>0.70</b>	<b>0.14</b>	<b>24.83%</b>	<b>3.10%</b>
<b>Sub-Total: Delivery</b>			<b>12.42</b>			<b>12.85</b>	<b>0.44</b>	<b>3.51%</b>	<b>57.10%</b>
Wholesale Market Service Rate	78	0.0036	0.28	78	0.0036	0.28	0.00	0.00%	1.24%
Rural Rate Protection Charge	78	0.0021	0.16	78	0.0021	0.16	0.00	0.00%	0.72%
Ontario Electricity Support Program Charge	78	0.0011	0.09	78	0.0011	0.09	0.00	0.00%	0.38%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	1.11%
<b>Sub-Total: Regulatory</b>			<b>0.78</b>			<b>0.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.45%</b>
Debt Retirement Charge (DRC)	71	0.007	0.50	71	0.007	0.50	0.00	0.00%	2.21%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>21.01</b>			<b>21.44</b>	<b>0.44</b>	<b>2.08%</b>	<b>95.24%</b>
HST		0.13	2.73		0.13	2.79	0.06	2.08%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>23.74</b>			<b>24.23</b>	<b>0.49</b>	<b>2.08%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-1.68		-0.08	-1.72	-0.03	2.08%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>22.06</b>			<b>22.51</b>	<b>0.46</b>	<b>2.08%</b>	<b>100.00%</b>

**2018 Bill Impacts (High Consumption Level)**

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Rate Class	Sen Lgt
Monthly Consumption (kWh)	200
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	218.4
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	200	0.103	20.60	200	0.103	20.60	0.00	0.00%	36.12%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>20.60</b>			<b>20.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>36.12%</b>
Service Charge	1	2.71	2.71	1	3.1	3.10	0.39	14.39%	5.44%
Fixed Deferral/Variance Account Rider	1	0.05	0.05	1	0	0.00	-0.05	-100.00%	0.00%
Distribution Volumetric Rate	200	0.1178	23.56	200	0.1180	23.60	0.04	0.17%	41.38%
Volumetric Deferral/Variance Account Rider (including CBR Class)	200	0.0009	0.18	200	0.0001	0.02	-0.16	-88.89%	0.04%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>26.50</b>			<b>26.72</b>	<b>0.22</b>	<b>0.83%</b>	<b>46.85%</b>
Line Losses on Cost of Power	18	0.10	1.90	18	0.10	1.90	0.00	0.00%	3.32%
<b>Sub-Total: Distribution</b>			<b>28.40</b>			<b>28.62</b>	<b>0.22</b>	<b>0.77%</b>	<b>50.18%</b>
Retail Transmission Rate – Network Service Rate	218	0.0045	0.98	218	0.0047	1.03	0.04	4.40%	1.80%
Retail Transmission Rate – Line and Transformation Connection S	218	0.0027	0.59	218	0.0043	0.94	0.35	58.89%	1.64%
<b>Sub-Total: Retail Transmission</b>			<b>1.57</b>			<b>1.96</b>	<b>0.39</b>	<b>24.83%</b>	<b>3.44%</b>
<b>Sub-Total: Delivery</b>			<b>29.97</b>			<b>30.58</b>	<b>0.61</b>	<b>2.04%</b>	<b>53.62%</b>
Wholesale Market Service Rate	218	0.0036	0.79	218	0.0036	0.79	0.00	0.00%	1.38%
Rural Rate Protection Charge	218	0.0021	0.46	218	0.0021	0.46	0.00	0.00%	0.80%
Ontario Electricity Support Program Charge	218	0.0011	0.24	218	0.0011	0.24	0.00	0.00%	0.42%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.44%
<b>Sub-Total: Regulatory</b>			<b>1.74</b>			<b>1.74</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.04%</b>
Debt Retirement Charge (DRC)	200	0.007	1.40	200	0.007	1.40	0.00	0.00%	2.45%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>53.70</b>			<b>54.31</b>	<b>0.61</b>	<b>1.14%</b>	<b>95.24%</b>
HST		0.13	6.98		0.13	7.06	0.08	1.14%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>60.68</b>			<b>61.37</b>	<b>0.69</b>	<b>1.14%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-4.30		-0.08	-4.35	-0.05	1.14%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>56.39</b>			<b>57.03</b>	<b>0.64</b>	<b>1.14%</b>	<b>100.00%</b>

**2018 Bill Impacts (Low Consumption Level)**

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Rate Class	St Lgt
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	109.2
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	100	0.103	10.30	100	0.103	10.30	0.00	0.00%	35.26%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>10.30</b>			<b>10.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>35.26%</b>
Service Charge	1	4.25	4.25	1	4.08	4.08	-0.17	-4.00%	13.97%
Fixed Deferral/Variance Account Rider	1	0.08	0.08	1	0	0.00	-0.08	-100.00%	0.00%
Distribution Volumetric Rate	100	0.0924	9.24	100	0.0980	9.80	0.56	6.06%	33.55%
Volumetric Deferral/Variance Account Rider (including CBR Class)	100	0.0007	0.07	100	0.0002	0.02	-0.05	-71.43%	0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>13.64</b>			<b>13.90</b>	<b>0.26</b>	<b>1.91%</b>	<b>47.58%</b>
Line Losses on Cost of Power	9	0.10	0.95	9	0.10	0.95	0.00	0.00%	3.24%
<b>Sub-Total: Distribution</b>			<b>14.59</b>			<b>14.85</b>	<b>0.26</b>	<b>1.78%</b>	<b>50.83%</b>
Retail Transmission Rate – Network Service Rate	109	0.0045	0.49	109	0.0047	0.51	0.02	4.40%	1.76%
Retail Transmission Rate – Line and Transformation Connection S	109	0.0027	0.29	109	0.0043	0.47	0.17	58.89%	1.60%
<b>Sub-Total: Retail Transmission</b>			<b>0.79</b>			<b>0.98</b>	<b>0.20</b>	<b>24.83%</b>	<b>3.36%</b>
<b>Sub-Total: Delivery</b>			<b>15.37</b>			<b>15.83</b>	<b>0.46</b>	<b>2.96%</b>	<b>54.19%</b>
Wholesale Market Service Rate	109	0.0036	0.39	109	0.0036	0.39	0.00	0.00%	1.35%
Rural Rate Protection Charge	109	0.0021	0.23	109	0.0021	0.23	0.00	0.00%	0.79%
Ontario Electricity Support Program Charge	109	0.0011	0.12	109	0.0011	0.12	0.00	0.00%	0.41%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.86%
<b>Sub-Total: Regulatory</b>			<b>0.99</b>			<b>0.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.40%</b>
Debt Retirement Charge (DRC)	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	2.40%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>27.37</b>			<b>27.82</b>	<b>0.46</b>	<b>1.66%</b>	<b>95.24%</b>
HST		0.13	3.56		0.13	3.62	0.06	1.66%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>30.92</b>			<b>31.44</b>	<b>0.51</b>	<b>1.66%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-2.19		-0.08	-2.23	-0.04	1.66%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>28.73</b>			<b>29.21</b>	<b>0.48</b>	<b>1.66%</b>	<b>100.00%</b>

**2018 Bill Impacts (Typical Consumption Level)**

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Rate Class	St Lgt
Monthly Consumption (kWh)	517
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	565
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	517	0.103	53.25	517	0.103	53.25	0.00	0.00%	40.47%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>53.25</b>			<b>53.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>40.47%</b>
Service Charge	1	4.25	4.25	1	4.08	4.08	-0.17	-4.00%	3.10%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	517	0.0924	47.77	517	0.0980	50.67	2.90	6.06%	38.50%
Volumetric Deferral/Variance Account Rider (including CBR Class)	517	0.0007	0.36	517	0.0002	0.10	-0.26	-71.43%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>52.38</b>			<b>54.85</b>	<b>2.47</b>	<b>4.71%</b>	<b>41.68%</b>
Line Losses on Cost of Power	48	0.10	4.90	48	0.10	4.90	0.00	0.00%	3.72%
<b>Sub-Total: Distribution</b>			<b>57.28</b>			<b>59.75</b>	<b>2.47</b>	<b>4.31%</b>	<b>45.40%</b>
Retail Transmission Rate – Network Service Rate	565	0.0045	2.54	565	0.0047	2.65	0.11	4.40%	2.02%
Retail Transmission Rate – Line and Transformation Connection S	565	0.0027	1.52	565	0.0043	2.42	0.90	58.89%	1.84%
<b>Sub-Total: Retail Transmission</b>			<b>4.06</b>			<b>5.07</b>	<b>1.01</b>	<b>24.83%</b>	<b>3.86%</b>
<b>Sub-Total: Delivery</b>			<b>61.35</b>			<b>64.82</b>	<b>3.48</b>	<b>5.67%</b>	<b>49.26%</b>
Wholesale Market Service Rate	565	0.0036	2.03	565	0.0036	2.03	0.00	0.00%	1.54%
Rural Rate Protection Charge	565	0.0013	0.73	565	0.0013	0.73	0.00	0.00%	0.56%
Ontario Electricity Support Program Charge	565	0.0011	0.62	565	0.0011	0.62	0.00	0.00%	0.47%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.19%
<b>Sub-Total: Regulatory</b>			<b>3.64</b>			<b>3.64</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.76%</b>
<b>Debt Retirement Charge (DRC)</b>	517	0.007	<b>3.62</b>	517	0.007	<b>3.62</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.75%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>121.85</b>			<b>125.33</b>	<b>3.48</b>	<b>2.85%</b>	<b>95.24%</b>
<b>HST</b>		0.13	15.84		0.13	16.29	0.45	2.85%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>137.70</b>			<b>141.62</b>	<b>3.93</b>	<b>2.85%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		-0.08	-9.75		-0.08	-10.03	-0.28	2.85%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>127.95</b>			<b>131.60</b>	<b>3.65</b>	<b>2.85%</b>	<b>100.00%</b>

**2018 Bill Impacts (High Consumption Level)**

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Rate Class	St Lgt
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2184
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	14.72%
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	28.81%
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.53%</b>
Service Charge	1	4.25	4.25	1	4.08	4.08	-0.17	-4.00%	0.78%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	2,000	0.0924	184.80	2,000	0.0980	196.00	11.20	6.06%	37.34%
Volumetric Deferral/Variance Account Rider (including CBR Class)	2,000	0.0007	1.40	2,000	0.0002	0.40	-1.00	-71.43%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>190.45</b>			<b>200.48</b>	<b>10.03</b>	<b>5.27%</b>	<b>38.19%</b>
Line Losses on Cost of Power	184	0.12	22.26	184	0.12	22.26	0.00	0.00%	4.24%
<b>Sub-Total: Distribution</b>			<b>212.71</b>			<b>222.74</b>	<b>10.03</b>	<b>4.72%</b>	<b>42.43%</b>
Retail Transmission Rate – Network Service Rate	2,184	0.0045	9.83	2,184	0.0047	10.26	0.43	4.40%	1.95%
Retail Transmission Rate – Line and Transformation Connection S	2,184	0.0027	5.90	2,184	0.0043	9.37	3.47	58.89%	1.78%
<b>Sub-Total: Retail Transmission</b>			<b>15.72</b>			<b>19.63</b>	<b>3.90</b>	<b>24.83%</b>	<b>3.74%</b>
<b>Sub-Total: Delivery</b>			<b>228.44</b>			<b>242.37</b>	<b>13.93</b>	<b>6.10%</b>	<b>46.17%</b>
Wholesale Market Service Rate	2,184	0.0036	7.86	2,184	0.0036	7.86	0.00	0.00%	1.50%
Rural Rate Protection Charge	2,184	0.0021	4.59	2,184	0.0021	4.59	0.00	0.00%	0.87%
Ontario Electricity Support Program Charge	2,184	0.0011	2.40	2,184	0.0011	2.40	0.00	0.00%	0.46%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%
<b>Sub-Total: Regulatory</b>			<b>15.10</b>			<b>15.10</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.88%</b>
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	2.67%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>486.04</b>			<b>499.97</b>	<b>13.93</b>	<b>2.87%</b>	<b>95.24%</b>
HST		0.13	63.19		0.13	65.00	1.81	2.87%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>549.23</b>			<b>564.97</b>	<b>15.75</b>	<b>2.87%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-38.88		-0.08	-40.00	-1.11	2.87%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>510.34</b>			<b>524.97</b>	<b>14.63</b>	<b>2.87%</b>	<b>100.00%</b>

**2019 Bill Impacts (Low Consumption Level)**

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 Attachment 2  
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Rate Class	UR
Monthly Consumption (kWh)	350
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	370
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	350	0.103	36.05	350	0.103	36.05	0.00	0.00%	42.94%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.05</b>			<b>36.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>42.94%</b>	
TOU-Off Peak	228	0.087	19.79	228	0.087	19.79	0.00	0.00%		22.69%
TOU-Mid Peak	60	0.132	7.85	60	0.132	7.85	0.00	0.00%		9.00%
TOU-On Peak	63	0.180	11.34	63	0.180	11.34	0.00	0.00%		13.00%
<b>Sub-Total: Energy (TOU)</b>			<b>38.99</b>			<b>38.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.43%</b>	<b>44.70%</b>
Service Charge	1	27.76	27.76	1	31.30	31.30	3.54	12.75%	37.28%	35.89%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.01%	0.01%
Distribution Volumetric Rate	350	0.0079	2.77	350	0.0047	1.65	-1.12	-40.51%	1.96%	1.89%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	350	0.0002	0.07	350	0.0002	0.07	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>30.61</b>			<b>33.03</b>	<b>2.42</b>	<b>7.91%</b>	<b>39.33%</b>	<b>37.86%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.94%	0.91%
Line Losses on Cost of Power (based on two-tier RPP prices)	20	0.10	2.05	20	0.10	2.05	0.00	0.00%	2.45%	2.36%
Line Losses on Cost of Power (based on TOU prices)	20	0.11	2.22	20	0.11	2.22	0.00	0.00%	2.65%	2.55%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>33.45</b>			<b>35.87</b>	<b>2.42</b>	<b>7.23%</b>	<b>42.72%</b>	<b>41.13%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>33.62</b>			<b>36.04</b>	<b>2.42</b>	<b>7.20%</b>	<b>42.92%</b>	<b>41.32%</b>
Retail Transmission Rate – Network Service Rate	370	0.0078	2.90	370	0.0078	2.90	0.00	0.00%	3.45%	3.32%
Retail Transmission Rate – Line and Transformation Connection Service Rate	370	0.0064	2.38	370	0.0064	2.38	0.00	0.00%	2.84%	2.73%
<b>Sub-Total: Retail Transmission</b>			<b>5.28</b>			<b>5.28</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.29%</b>	<b>6.05%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>38.73</b>			<b>41.15</b>	<b>2.42</b>	<b>6.25%</b>	<b>49.01%</b>	<b>47.18%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>38.89</b>			<b>41.31</b>	<b>2.42</b>	<b>6.22%</b>	<b>49.21%</b>	<b>47.37%</b>
Wholesale Market Service Rate	370	0.0036	1.33	370	0.0036	1.33	0.00	0.00%	1.59%	1.53%
Rural Rate Protection Charge	370	0.0021	0.78	370	0.0021	0.78	0.00	0.00%	0.93%	0.89%
Ontario Electricity Support Program Charge	370	0.0011	0.41	370	0.0011	0.41	0.00	0.00%	0.48%	0.47%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.30%	0.29%
<b>Sub-Total: Regulatory</b>			<b>2.77</b>			<b>2.77</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.29%</b>	<b>3.17%</b>
<b>Debt Retirement Charge (DRC)</b>	350	0.000	<b>0.00</b>	350	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>77.54</b>			<b>79.96</b>	<b>2.42</b>	<b>3.12%</b>	<b>95.24%</b>	
HST		0.13	10.08		0.13	10.40	0.31	3.12%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>87.62</b>			<b>90.36</b>	<b>2.73</b>	<b>3.12%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-6.20		-0.08	-6.40	-0.19	3.12%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>81.42</b>			<b>83.96</b>	<b>2.54</b>	<b>3.12%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>80.65</b>			<b>83.07</b>	<b>2.42</b>	<b>3.00%</b>		<b>95.24%</b>
HST		0.13	10.48		0.13	10.80	0.31	3.00%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>91.13</b>			<b>93.87</b>	<b>2.73</b>	<b>3.00%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-6.45		-0.08	-6.65	-0.19	3.00%	-7.62%	
<b>Total Amount on TOU</b>			<b>84.68</b>			<b>87.22</b>	<b>2.54</b>	<b>3.00%</b>		<b>100.00%</b>

**2019 Bill Impacts (Typical Consumption Level)**

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Rate Class	UR
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	793
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	42.70%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	12.54%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.24%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		28.64%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		11.37%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		16.41%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.72%</b>	<b>56.42%</b>
Service Charge	1	27.76	27.76	1	31.3	31.30	3.54	12.75%	21.62%	21.14%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.01%	0.01%
Distribution Volumetric Rate	750	0.0079	5.93	750	0.0047	3.53	-2.40	-40.51%	2.44%	2.38%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	750	0.0002	0.15	750	0.0002	0.15	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>33.85</b>			<b>34.99</b>	<b>1.14</b>	<b>3.37%</b>	<b>24.17%</b>	<b>23.63%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.55%	0.53%
Line Losses on Cost of Power (based on two-tier RPP prices)	43	0.12	5.17	43	0.12	5.17	0.00	0.00%	3.57%	3.49%
Line Losses on Cost of Power (based on TOU prices)	43	0.11	4.76	43	0.11	4.76	0.00	0.00%	3.29%	3.22%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>39.81</b>			<b>40.95</b>	<b>1.14</b>	<b>2.86%</b>	<b>28.29%</b>	<b>27.65%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>39.40</b>			<b>40.54</b>	<b>1.14</b>	<b>2.89%</b>	<b>28.01%</b>	<b>27.37%</b>
Retail Transmission Rate – Network Service Rate	793	0.0078	6.21	793	0.0078	6.21	0.00	0.00%	4.29%	4.19%
Retail Transmission Rate – Line and Transformation Connection Service Rate	793	0.0064	5.10	793	0.0064	5.10	0.00	0.00%	3.53%	3.45%
<b>Sub-Total: Retail Transmission</b>			<b>11.31</b>			<b>11.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.81%</b>	<b>7.64%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>51.12</b>			<b>52.26</b>	<b>1.14</b>	<b>2.23%</b>	<b>36.10%</b>	<b>35.29%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>50.71</b>			<b>51.85</b>	<b>1.14</b>	<b>2.25%</b>	<b>35.82%</b>	<b>35.01%</b>
Wholesale Market Service Rate	793	0.0036	2.85	793	0.0036	2.85	0.00	0.00%	1.97%	1.93%
Rural Rate Protection Charge	793	0.0021	1.66	793	0.0021	1.66	0.00	0.00%	1.15%	1.12%
Ontario Electricity Support Program Charge	793	0.0011	0.87	793	0.0011	0.87	0.00	0.00%	0.60%	0.59%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.17%	0.17%
<b>Sub-Total: Regulatory</b>			<b>5.64</b>			<b>5.64</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.90%</b>	<b>3.81%</b>
<b>Debt Retirement Charge (DRC)</b>	750	0.000	<b>0.00</b>	750	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>136.71</b>			<b>137.85</b>	<b>1.14</b>	<b>0.83%</b>	<b>95.24%</b>	
HST		0.13	17.77		0.13	17.92	0.15	0.83%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>154.48</b>			<b>155.77</b>	<b>1.29</b>	<b>0.83%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-10.94		-0.08	-11.03	-0.09	0.83%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>143.54</b>			<b>144.74</b>	<b>1.20</b>	<b>0.83%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>139.89</b>			<b>141.03</b>	<b>1.14</b>	<b>0.81%</b>		<b>95.24%</b>
HST		0.13	18.19		0.13	18.33	0.15	0.81%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>158.08</b>			<b>159.36</b>	<b>1.29</b>	<b>0.81%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-11.19		-0.08	-11.28	-0.09	0.81%	-7.62%	
<b>Total Amount on TOU</b>			<b>146.88</b>			<b>148.08</b>	<b>1.20</b>	<b>0.81%</b>		<b>100.00%</b>

**2019 Bill Impacts (Average Consumption Level)**

Filed: 2017-03-31  
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Rate Class	UR
Monthly Consumption (kWh)	755
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	798
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	42.46%	
Energy Second Tier (kWh)	155	0.121	18.76	155	0.121	18.76	0.00	0.00%	12.89%	
<b>Sub-Total: Energy (RPP)</b>			<b>80.56</b>			<b>80.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.34%</b>	
TOU-Off Peak	491	0.087	42.70	491	0.087	42.70	0.00	0.00%		28.69%
TOU-Mid Peak	128	0.132	16.94	128	0.132	16.94	0.00	0.00%		11.38%
TOU-On Peak	136	0.180	24.46	136	0.180	24.46	0.00	0.00%		16.43%
<b>Sub-Total: Energy (TOU)</b>			<b>84.10</b>			<b>84.10</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.78%</b>	<b>56.50%</b>
Service Charge	1	27.76	27.76	1	31.30	31.30	3.54	12.75%	21.50%	21.03%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.01%	0.01%
Distribution Volumetric Rate	755	0.0079	5.96	755	0.0047	3.55	-2.42	-40.51%	2.44%	2.38%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	755	0.0002	0.15	755	0.0002	0.15	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>33.89</b>			<b>35.01</b>	<b>1.12</b>	<b>3.32%</b>	<b>24.05%</b>	<b>23.52%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.54%	0.53%
Line Losses on Cost of Power (based on two-tier RPP prices)	43	0.12	5.21	43	0.12	5.21	0.00	0.00%	3.58%	3.50%
Line Losses on Cost of Power (based on TOU prices)	43	0.11	4.79	43	0.11	4.79	0.00	0.00%	3.29%	3.22%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>39.88</b>			<b>41.01</b>	<b>1.12</b>	<b>2.82%</b>	<b>28.17%</b>	<b>27.55%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>39.47</b>			<b>40.59</b>	<b>1.12</b>	<b>2.85%</b>	<b>27.89%</b>	<b>27.27%</b>
Retail Transmission Rate – Network Service Rate	798	0.0078	6.25	798	0.0078	6.25	0.00	0.00%	4.29%	4.20%
Retail Transmission Rate – Line and Transformation Connection Service Rate	798	0.0064	5.14	798	0.0064	5.14	0.00	0.00%	3.53%	3.45%
<b>Sub-Total: Retail Transmission</b>			<b>11.38</b>			<b>11.38</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.82%</b>	<b>7.65%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>51.27</b>			<b>52.39</b>	<b>1.12</b>	<b>2.19%</b>	<b>35.99%</b>	<b>35.20%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>50.85</b>			<b>51.98</b>	<b>1.12</b>	<b>2.21%</b>	<b>35.71%</b>	<b>34.92%</b>
Wholesale Market Service Rate	798	0.0036	2.87	798	0.0036	2.87	0.00	0.00%	1.97%	1.93%
Rural Rate Protection Charge	798	0.0021	1.68	798	0.0021	1.68	0.00	0.00%	1.15%	1.13%
Ontario Electricity Support Program Charge	798	0.0011	0.88	798	0.0011	0.88	0.00	0.00%	0.60%	0.59%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.17%	0.17%
<b>Sub-Total: Regulatory</b>			<b>5.68</b>			<b>5.68</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.90%</b>	<b>3.81%</b>
<b>Debt Retirement Charge (DRC)</b>	755	0.000	<b>0.00</b>	755	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>137.50</b>			<b>138.62</b>	<b>1.12</b>	<b>0.82%</b>	<b>95.24%</b>	
HST		0.13	17.87		0.13	18.02	0.15	0.82%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>155.37</b>			<b>156.64</b>	<b>1.27</b>	<b>0.82%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-11.00		-0.08	-11.09	-0.09	0.82%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>144.37</b>			<b>145.55</b>	<b>1.18</b>	<b>0.82%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>140.63</b>			<b>141.75</b>	<b>1.12</b>	<b>0.80%</b>		<b>95.24%</b>
HST		0.13	18.28		0.13	18.43	0.15	0.80%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>158.91</b>			<b>160.18</b>	<b>1.27</b>	<b>0.80%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-11.25		-0.08	-11.34	-0.09	0.80%		-7.62%
<b>Total Amount on TOU</b>			<b>147.66</b>			<b>148.84</b>	<b>1.18</b>	<b>0.80%</b>		<b>100.00%</b>

**2019 Bill Impacts (High Consumption Level)**

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Rate Class	UR
Monthly Consumption (kWh)	1400
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1480
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	24.66%	
Energy Second Tier (kWh)	800	0.121	96.80	800	0.121	96.80	0.00	0.00%	38.63%	
<b>Sub-Total: Energy (RPP)</b>			<b>158.60</b>			<b>158.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>63.30%</b>	
TOU-Off Peak	910	0.087	79.17	910	0.087	79.17	0.00	0.00%		32.06%
TOU-Mid Peak	238	0.132	31.42	238	0.132	31.42	0.00	0.00%		12.72%
TOU-On Peak	252	0.180	45.36	252	0.180	45.36	0.00	0.00%		18.37%
<b>Sub-Total: Energy (TOU)</b>			<b>155.95</b>			<b>155.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>62.24%</b>	<b>63.14%</b>
Service Charge	1	27.76	27.76	1	31.3	31.30	3.54	12.75%	12.49%	12.67%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,400	0.0079	11.06	1,400	0.0047	6.58	-4.48	-40.51%	2.63%	2.66%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,400	0.0002	0.28	1,400	0.0002	0.28	0.00	0.00%	0.11%	0.11%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>39.11</b>			<b>38.17</b>	<b>-0.94</b>	<b>-2.40%</b>	<b>15.23%</b>	<b>15.45%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.32%	0.32%
Line Losses on Cost of Power (based on two-tier RPP prices)	80	0.12	9.66	80	0.12	9.66	0.00	0.00%	3.85%	3.91%
Line Losses on Cost of Power (based on TOU prices)	80	0.11	8.89	80	0.11	8.89	0.00	0.00%	3.55%	3.60%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>49.56</b>			<b>48.62</b>	<b>-0.94</b>	<b>-1.90%</b>	<b>19.40%</b>	<b>19.68%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>48.79</b>			<b>47.85</b>	<b>-0.94</b>	<b>-1.93%</b>	<b>19.10%</b>	<b>19.37%</b>
Retail Transmission Rate – Network Service Rate	1,480	0.0078	11.58	1,480	0.0078	11.58	0.00	0.00%	4.62%	4.69%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,480	0.0064	9.53	1,480	0.0064	9.53	0.00	0.00%	3.80%	3.86%
<b>Sub-Total: Retail Transmission</b>			<b>21.11</b>			<b>21.11</b>	<b>0.00</b>	<b>0.00%</b>	<b>8.43%</b>	<b>8.55%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>70.67</b>			<b>69.73</b>	<b>-0.94</b>	<b>-1.33%</b>	<b>27.83%</b>	<b>28.23%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>69.90</b>			<b>68.96</b>	<b>-0.94</b>	<b>-1.34%</b>	<b>27.52%</b>	<b>27.92%</b>
Wholesale Market Service Rate	1,480	0.0036	5.33	1,480	0.0036	5.33	0.00	0.00%	2.13%	2.16%
Rural Rate Protection Charge	1,480	0.0021	3.11	1,480	0.0021	3.11	0.00	0.00%	1.24%	1.26%
Ontario Electricity Support Program Charge	1,480	0.0011	1.63	1,480	0.0011	1.63	0.00	0.00%	0.65%	0.66%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Regulatory</b>			<b>10.31</b>			<b>10.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.12%</b>	<b>4.18%</b>
Debt Retirement Charge (DRC)	1,400	0.000	0.00	1,400	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>239.58</b>			<b>238.64</b>	<b>-0.94</b>	<b>-0.39%</b>	<b>95.24%</b>	
HST		0.13	31.15		0.13	31.02	-0.12	-0.39%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>270.72</b>			<b>269.66</b>	<b>-1.06</b>	<b>-0.39%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-19.17		-0.08	-19.09	0.08	-0.39%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>251.56</b>			<b>250.57</b>	<b>-0.99</b>	<b>-0.39%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>236.16</b>			<b>235.22</b>	<b>-0.94</b>	<b>-0.40%</b>		<b>95.24%</b>
HST		0.13	30.70		0.13	30.58	-0.12	-0.40%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>266.86</b>			<b>265.80</b>	<b>-1.06</b>	<b>-0.40%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-18.89		-0.08	-18.82	0.08	-0.40%		-7.62%
<b>Total Amount on TOU</b>			<b>247.97</b>			<b>246.98</b>	<b>-0.99</b>	<b>-0.40%</b>		<b>100.00%</b>

**2019 Bill Impacts (Low Consumption Level)**

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Rate Class	R1
Monthly Consumption (kWh)	400
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	430
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	400	0.103	41.20	400	0.103	41.20	0.00	0.00%	37.70%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>41.20</b>			<b>41.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>37.70%</b>	
TOU-Off Peak	260	0.087	22.62	260	0.087	22.62	0.00	0.00%		20.00%
TOU-Mid Peak	68	0.132	8.98	68	0.132	8.98	0.00	0.00%		7.94%
TOU-On Peak	72	0.180	12.96	72	0.180	12.96	0.00	0.00%		11.46%
<b>Sub-Total: Energy (TOU)</b>			<b>44.56</b>			<b>44.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>40.77%</b>	<b>39.40%</b>
Service Charge	1	37.83	37.83	1	42.25	42.25	4.42	11.68%	38.66%	37.36%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	400	0.022	8.80	400	0.0194	7.76	-1.04	-11.82%	7.10%	6.86%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	400	0.0002	0.08	400	0.0002	0.08	0.00	0.00%	0.07%	0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>46.71</b>			<b>50.09</b>	<b>3.38</b>	<b>7.24%</b>	<b>45.83%</b>	<b>44.30%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.72%	0.70%
Line Losses on Cost of Power (based on two-tier RPP prices)	30	0.10	3.13	30	0.10	3.13	0.00	0.00%	2.87%	2.77%
Line Losses on Cost of Power (based on TOU prices)	30	0.11	3.39	30	0.11	3.39	0.00	0.00%	3.10%	2.99%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>50.63</b>			<b>54.01</b>	<b>3.38</b>	<b>6.68%</b>	<b>49.42%</b>	<b>47.76%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>50.89</b>			<b>54.27</b>	<b>3.38</b>	<b>6.64%</b>	<b>49.65%</b>	<b>47.99%</b>
Retail Transmission Rate – Network Service Rate	430	0.0072	3.10	430	0.0072	3.10	0.00	0.00%	2.84%	2.74%
Retail Transmission Rate – Line and Transformation Connection Service Rate	430	0.0060	2.60	430	0.0060	2.60	0.00	0.00%	2.38%	2.30%
<b>Sub-Total: Retail Transmission</b>			<b>5.70</b>			<b>5.70</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.21%</b>	<b>5.04%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>56.33</b>			<b>59.71</b>	<b>3.38</b>	<b>6.00%</b>	<b>54.63%</b>	<b>52.80%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>56.58</b>			<b>59.96</b>	<b>3.38</b>	<b>5.97%</b>	<b>54.87%</b>	<b>53.03%</b>
Wholesale Market Service Rate	430	0.0036	1.55	430	0.0036	1.55	0.00	0.00%	1.42%	1.37%
Rural Rate Protection Charge	430	0.0021	0.90	430	0.0021	0.90	0.00	0.00%	0.83%	0.80%
Ontario Electricity Support Program Charge	430	0.0011	0.47	430	0.0011	0.47	0.00	0.00%	0.43%	0.42%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.23%	0.22%
<b>Sub-Total: Regulatory</b>			<b>3.18</b>			<b>3.18</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.91%</b>	<b>2.81%</b>
<b>Debt Retirement Charge (DRC)</b>	400	0.000	<b>0.00</b>	400	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>100.71</b>			<b>104.09</b>	<b>3.38</b>	<b>3.36%</b>	<b>95.24%</b>	
HST		0.13	13.09		0.13	13.53	0.44	3.36%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>113.80</b>			<b>117.62</b>	<b>3.82</b>	<b>3.36%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-8.06		-0.08	-8.33	-0.27	3.36%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>105.74</b>			<b>109.29</b>	<b>3.55</b>	<b>3.36%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>104.32</b>			<b>107.70</b>	<b>3.38</b>	<b>3.24%</b>		<b>95.24%</b>
HST		0.13	13.56		0.13	14.00	0.44	3.24%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>117.88</b>			<b>121.70</b>	<b>3.82</b>	<b>3.24%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-8.35		-0.08	-8.62	-0.27	3.24%	-7.62%	
<b>Total Amount on TOU</b>			<b>109.53</b>			<b>113.08</b>	<b>3.55</b>	<b>3.24%</b>		<b>100.00%</b>

**2019 Bill Impacts (Typical Consumption Level)**

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Rate Class	R1
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	807
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	36.56%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	10.74%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.29%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		24.62%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		9.77%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		14.11%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>49.42%</b>	<b>48.50%</b>
Service Charge	1	37.83	37.83	1	42.25	42.25	4.42	11.68%	24.99%	24.53%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	750	0.022	16.50	750	0.0194	14.55	-1.95	-11.82%	8.61%	8.45%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	750	0.0002	0.15	750	0.0002	0.15	0.00	0.00%	0.09%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>54.48</b>			<b>56.95</b>	<b>2.47</b>	<b>4.53%</b>	<b>33.69%</b>	<b>33.06%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.47%	0.46%
Line Losses on Cost of Power (based on two-tier RPP prices)	57	0.12	6.90	57	0.12	6.90	0.00	0.00%	4.08%	4.00%
Line Losses on Cost of Power (based on TOU prices)	57	0.11	6.35	57	0.11	6.35	0.00	0.00%	3.76%	3.69%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>62.17</b>			<b>64.64</b>	<b>2.47</b>	<b>3.97%</b>	<b>38.23%</b>	<b>37.52%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>61.62</b>			<b>64.09</b>	<b>2.47</b>	<b>4.01%</b>	<b>37.91%</b>	<b>37.21%</b>
Retail Transmission Rate – Network Service Rate	807	0.0072	5.82	807	0.0072	5.82	0.00	0.00%	3.44%	3.38%
Retail Transmission Rate – Line and Transformation Connection Service Rate	807	0.0060	4.87	807	0.0060	4.87	0.00	0.00%	2.88%	2.83%
<b>Sub-Total: Retail Transmission</b>			<b>10.68</b>			<b>10.68</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.32%</b>	<b>6.20%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>72.85</b>			<b>75.32</b>	<b>2.47</b>	<b>3.39%</b>	<b>44.55%</b>	<b>43.73%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>72.30</b>			<b>74.77</b>	<b>2.47</b>	<b>3.42%</b>	<b>44.23%</b>	<b>43.41%</b>
Wholesale Market Service Rate	807	0.0036	2.91	807	0.0036	2.91	0.00	0.00%	1.72%	1.69%
Rural Rate Protection Charge	807	0.0021	1.69	807	0.0021	1.69	0.00	0.00%	1.00%	0.98%
Ontario Electricity Support Program Charge	807	0.0011	0.89	807	0.0011	0.89	0.00	0.00%	0.53%	0.52%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.15%	0.15%
<b>Sub-Total: Regulatory</b>			<b>5.74</b>			<b>5.74</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.39%</b>	<b>3.33%</b>
<b>Debt Retirement Charge (DRC)</b>	750	0.000	<b>0.00</b>	750	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>158.54</b>			<b>161.01</b>	<b>2.47</b>	<b>1.56%</b>	<b>95.24%</b>	
HST		0.13	20.61		0.13	20.93	0.32	1.56%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>179.15</b>			<b>181.94</b>	<b>2.79</b>	<b>1.56%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-12.68		-0.08	-12.88	-0.20	1.56%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>166.47</b>			<b>169.06</b>	<b>2.59</b>	<b>1.56%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>161.58</b>			<b>164.05</b>	<b>2.47</b>	<b>1.53%</b>		<b>95.24%</b>
HST		0.13	21.01		0.13	21.33	0.32	1.53%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>182.59</b>			<b>185.38</b>	<b>2.79</b>	<b>1.53%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-12.93		-0.08	-13.12	-0.20	1.53%	-7.62%	
<b>Total Amount on TOU</b>			<b>169.66</b>			<b>172.26</b>	<b>2.59</b>	<b>1.53%</b>	<b>100.00%</b>	

**2019 Bill Impacts (Average Consumption Level)**

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Rate Class	R1
Monthly Consumption (kWh)	920
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	990
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	30.95%	
Energy Second Tier (kWh)	320	0.121	38.72	320	0.121	38.72	0.00	0.00%	19.39%	
<b>Sub-Total: Energy (RPP)</b>			<b>100.52</b>			<b>100.52</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.35%</b>	
TOU-Off Peak	598	0.087	52.03	598	0.087	52.03	0.00	0.00%		25.88%
TOU-Mid Peak	156	0.132	20.64	156	0.132	20.64	0.00	0.00%		10.27%
TOU-On Peak	166	0.180	29.81	166	0.180	29.81	0.00	0.00%		14.83%
<b>Sub-Total: Energy (TOU)</b>			<b>102.48</b>			<b>102.48</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.33%</b>	<b>50.99%</b>
Service Charge	1	37.83	37.83	1	42.25	42.25	4.42	11.68%	21.16%	21.02%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	920	0.022	20.24	920	0.0194	17.85	-2.39	-11.82%	8.94%	8.88%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	920	0.0002	0.18	920	0.0002	0.18	0.00	0.00%	0.09%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>58.25</b>			<b>60.28</b>	<b>2.03</b>	<b>3.48%</b>	<b>30.19%</b>	<b>29.99%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.40%	0.39%
Line Losses on Cost of Power (based on two-tier RPP prices)	70	0.12	8.46	70	0.12	8.46	0.00	0.00%	4.24%	4.21%
Line Losses on Cost of Power (based on TOU prices)	70	0.11	7.79	70	0.11	7.79	0.00	0.00%	3.90%	3.87%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>67.50</b>			<b>69.53</b>	<b>2.03</b>	<b>3.00%</b>	<b>34.83%</b>	<b>34.59%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>66.83</b>			<b>68.86</b>	<b>2.03</b>	<b>3.03%</b>	<b>34.49%</b>	<b>34.26%</b>
Retail Transmission Rate – Network Service Rate	990	0.0072	7.13	990	0.0072	7.13	0.00	0.00%	3.57%	3.55%
Retail Transmission Rate – Line and Transformation Connection Service Rate	990	0.0060	5.97	990	0.0060	5.97	0.00	0.00%	2.99%	2.97%
<b>Sub-Total: Retail Transmission</b>			<b>13.11</b>			<b>13.11</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.56%</b>	<b>6.52%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>80.61</b>			<b>82.64</b>	<b>2.03</b>	<b>2.52%</b>	<b>41.39%</b>	<b>41.11%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>79.94</b>			<b>81.97</b>	<b>2.03</b>	<b>2.54%</b>	<b>41.06%</b>	<b>40.78%</b>
Wholesale Market Service Rate	990	0.0036	3.56	990	0.0036	3.56	0.00	0.00%	1.79%	1.77%
Rural Rate Protection Charge	990	0.0021	2.08	990	0.0021	2.08	0.00	0.00%	1.04%	1.03%
Ontario Electricity Support Program Charge	990	0.0011	1.09	990	0.0011	1.09	0.00	0.00%	0.55%	0.54%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.13%	0.12%
<b>Sub-Total: Regulatory</b>			<b>6.98</b>			<b>6.98</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.50%</b>	<b>3.47%</b>
<b>Debt Retirement Charge (DRC)</b>	920	0.000	<b>0.00</b>	920	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>188.11</b>			<b>190.14</b>	<b>2.03</b>	<b>1.08%</b>	<b>95.24%</b>	
HST		0.13	24.45		0.13	24.72	0.26	1.08%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>212.57</b>			<b>214.86</b>	<b>2.29</b>	<b>1.08%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-15.05		-0.08	-15.21	-0.16	1.08%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>197.52</b>			<b>199.65</b>	<b>2.13</b>	<b>1.08%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>189.40</b>			<b>191.43</b>	<b>2.03</b>	<b>1.07%</b>		<b>95.24%</b>
HST		0.13	24.62		0.13	24.89	0.26	1.07%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>214.02</b>			<b>216.31</b>	<b>2.29</b>	<b>1.07%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-15.15		-0.08	-15.31	-0.16	1.07%	-7.62%	
<b>Total Amount on TOU</b>			<b>198.87</b>			<b>201.00</b>	<b>2.13</b>	<b>1.07%</b>		<b>100.00%</b>

**2019 Bill Impacts (High Consumption Level)**

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Rate Class	R1
Monthly Consumption (kWh)	1800
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1937
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	17.26%	
Energy Second Tier (kWh)	1,200	0.121	145.20	1,200	0.121	145.20	0.00	0.00%	40.56%	
<b>Sub-Total: Energy (RPP)</b>			<b>207.00</b>			<b>207.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.82%</b>	
TOU-Off Peak	1,170	0.087	101.79	1,170	0.087	101.79	0.00	0.00%		29.10%
TOU-Mid Peak	306	0.132	40.39	306	0.132	40.39	0.00	0.00%		11.55%
TOU-On Peak	324	0.180	58.32	324	0.180	58.32	0.00	0.00%		16.67%
<b>Sub-Total: Energy (TOU)</b>			<b>200.50</b>			<b>200.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.01%</b>	<b>57.32%</b>
Service Charge	1	37.83	37.83	1	42.25	42.25	4.42	11.68%	11.80%	12.08%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,800	0.022	39.60	1,800	0.0194	34.92	-4.68	-11.82%	9.75%	9.98%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,800	0.0002	0.36	1,800	0.0002	0.36	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>77.79</b>			<b>77.53</b>	<b>-0.26</b>	<b>-0.33%</b>	<b>21.66%</b>	<b>22.17%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.22%	0.23%
Line Losses on Cost of Power (based on two-tier RPP prices)	137	0.12	16.55	137	0.12	16.55	0.00	0.00%	4.62%	4.73%
Line Losses on Cost of Power (based on TOU prices)	137	0.11	15.24	137	0.11	15.24	0.00	0.00%	4.26%	4.36%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>95.13</b>			<b>94.87</b>	<b>-0.26</b>	<b>-0.27%</b>	<b>26.50%</b>	<b>27.12%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>93.82</b>			<b>93.56</b>	<b>-0.26</b>	<b>-0.28%</b>	<b>26.13%</b>	<b>26.75%</b>
Retail Transmission Rate – Network Service Rate	1,937	0.0072	13.96	1,937	0.0072	13.96	0.00	0.00%	3.90%	3.99%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,937	0.0060	11.68	1,937	0.0060	11.68	0.00	0.00%	3.26%	3.34%
<b>Sub-Total: Retail Transmission</b>			<b>25.64</b>			<b>25.64</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.16%</b>	<b>7.33%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>120.77</b>			<b>120.51</b>	<b>-0.26</b>	<b>-0.22%</b>	<b>33.66%</b>	<b>34.45%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>119.46</b>			<b>119.20</b>	<b>-0.26</b>	<b>-0.22%</b>	<b>33.30%</b>	<b>34.08%</b>
Wholesale Market Service Rate	1,937	0.0036	6.97	1,937	0.0036	6.97	0.00	0.00%	1.95%	1.99%
Rural Rate Protection Charge	1,937	0.0021	4.07	1,937	0.0021	4.07	0.00	0.00%	1.14%	1.16%
Ontario Electricity Support Program Charge	1,937	0.0011	2.13	1,937	0.0011	2.13	0.00	0.00%	0.60%	0.61%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.07%	0.07%
<b>Sub-Total: Regulatory</b>			<b>13.42</b>			<b>13.42</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.75%</b>	<b>3.84%</b>
<b>Debt Retirement Charge (DRC)</b>	1,800	0.000	<b>0.00</b>	1,800	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>341.19</b>			<b>340.93</b>	<b>-0.26</b>	<b>-0.08%</b>	<b>95.24%</b>	
HST		0.13	44.36		0.13	44.32	-0.03	-0.08%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>385.55</b>			<b>385.26</b>	<b>-0.29</b>	<b>-0.08%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-27.30		-0.08	-27.27	0.02	-0.08%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>358.25</b>			<b>357.98</b>	<b>-0.27</b>	<b>-0.08%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>333.38</b>			<b>333.12</b>	<b>-0.26</b>	<b>-0.08%</b>		<b>95.24%</b>
HST		0.13	43.34		0.13	43.31	-0.03	-0.08%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>376.72</b>			<b>376.43</b>	<b>-0.29</b>	<b>-0.08%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-26.67		-0.08	-26.65	0.02	-0.08%		-7.62%
<b>Total Amount on TOU</b>			<b>350.05</b>			<b>349.78</b>	<b>-0.27</b>	<b>-0.08%</b>		<b>100.00%</b>

**2019 Bill Impacts (Low Consumption Level)**

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Rate Class	R2
Monthly Consumption (kWh)	450
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	497
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	450	0.103	46.35	450	0.103	46.35	0.00	0.00%	39.92%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>46.35</b>			<b>46.35</b>	<b>0.00</b>	<b>0.00%</b>	<b>39.92%</b>	
TOU-Off Peak	293	0.087	25.45	293	0.087	25.45	0.00	0.00%		21.12%
TOU-Mid Peak	77	0.132	10.10	77	0.132	10.10	0.00	0.00%		8.38%
TOU-On Peak	81	0.180	14.58	81	0.180	14.58	0.00	0.00%		12.10%
<b>Sub-Total: Energy (TOU)</b>			<b>50.13</b>			<b>50.13</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.18%</b>	<b>41.61%</b>
Service Charge (RRRP credit applied)	1	25.11	25.11	1	34.22	34.22	9.11	36.28%	29.48%	28.40%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	-0.02%	-0.02%
Distribution Volumetric Rate	450	0.0363	16.34	450	0.0322	14.49	-1.85	-11.29%	12.48%	12.03%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	450	0.0002	0.09	450	0.0002	0.09	0.00	0.00%	0.08%	0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>41.51</b>			<b>48.78</b>	<b>7.27</b>	<b>17.50%</b>	<b>42.02%</b>	<b>40.49%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.68%	0.66%
Line Losses on Cost of Power (based on two-tier RPP prices)	47	0.10	4.87	47	0.10	4.87	0.00	0.00%	4.19%	4.04%
Line Losses on Cost of Power (based on TOU prices)	47	0.11	5.26	47	0.11	5.26	0.00	0.00%	4.53%	4.37%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>47.17</b>			<b>54.44</b>	<b>7.27</b>	<b>15.40%</b>	<b>46.89%</b>	<b>45.18%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>47.57</b>			<b>54.83</b>	<b>7.27</b>	<b>15.27%</b>	<b>47.23%</b>	<b>45.51%</b>
Retail Transmission Rate – Network Service Rate	497	0.0067	3.35	497	0.0067	3.35	0.00	0.00%	2.89%	2.78%
Retail Transmission Rate – Line and Transformation Connection Service Rate	497	0.0056	2.80	497	0.0056	2.80	0.00	0.00%	2.41%	2.32%
<b>Sub-Total: Retail Transmission</b>			<b>6.15</b>			<b>6.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.30%</b>	<b>5.11%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>53.32</b>			<b>60.59</b>	<b>7.27</b>	<b>13.62%</b>	<b>52.19%</b>	<b>50.29%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>53.72</b>			<b>60.98</b>	<b>7.27</b>	<b>13.52%</b>	<b>52.53%</b>	<b>50.62%</b>
Wholesale Market Service Rate	497	0.0036	1.79	497	0.0036	1.79	0.00	0.00%	1.54%	1.49%
Rural Rate Protection Charge	497	0.0021	1.04	497	0.0021	1.04	0.00	0.00%	0.90%	0.87%
Ontario Electricity Support Program Charge	497	0.0011	0.55	497	0.0011	0.55	0.00	0.00%	0.47%	0.45%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.22%	0.21%
<b>Sub-Total: Regulatory</b>			<b>3.63</b>			<b>3.63</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.13%</b>	<b>3.01%</b>
<b>Debt Retirement Charge (DRC)</b>	450	0.000	<b>0.00</b>	450	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>103.30</b>			<b>110.57</b>	<b>7.27</b>	<b>7.03%</b>	<b>95.24%</b>	
HST		0.13	13.43		0.13	14.37	0.94	7.03%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>116.73</b>			<b>124.94</b>	<b>8.21</b>	<b>7.03%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-8.26		-0.08	-8.85	-0.58	7.03%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>108.47</b>			<b>116.10</b>	<b>7.63</b>	<b>7.03%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>107.48</b>			<b>114.74</b>	<b>7.26</b>	<b>6.76%</b>		<b>95.24%</b>
HST		0.13	13.97		0.13	14.92	0.94	6.76%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>121.45</b>			<b>129.66</b>	<b>8.21</b>	<b>6.76%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-8.60		-0.08	-9.18	-0.58	6.76%	-7.62%	
<b>Total Amount on TOU</b>			<b>112.85</b>			<b>120.48</b>	<b>7.63</b>	<b>6.76%</b>		<b>100.00%</b>

**2019 Bill Impacts (Typical Consumption Level)**

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Rate Class	R2
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	829
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	35.69%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	10.48%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.17%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		24.08%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		9.56%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		13.80%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.25%</b>	<b>47.43%</b>
Service Charge (RRRP credit applied)	1	25.11	25.11	1	34.22	34.22	9.11	36.28%	19.76%	19.43%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	-0.01%	-0.01%
Distribution Volumetric Rate	750	0.0363	27.23	750	0.0322	24.15	-3.08	-11.29%	13.95%	13.71%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	750	0.0002	0.15	750	0.0002	0.15	0.00	0.00%	0.09%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>52.46</b>			<b>58.50</b>	<b>6.04</b>	<b>11.50%</b>	<b>33.79%</b>	<b>33.21%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.46%	0.45%
Line Losses on Cost of Power (based on two-tier RPP prices)	79	0.12	9.53	79	0.12	9.53	0.00	0.00%	5.50%	5.41%
Line Losses on Cost of Power (based on TOU prices)	79	0.11	8.77	79	0.11	8.77	0.00	0.00%	5.07%	4.98%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>62.78</b>			<b>68.82</b>	<b>6.04</b>	<b>9.61%</b>	<b>39.74%</b>	<b>39.07%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>62.03</b>			<b>68.06</b>	<b>6.04</b>	<b>9.73%</b>	<b>39.31%</b>	<b>38.64%</b>
Retail Transmission Rate – Network Service Rate	829	0.0067	5.59	829	0.0067	5.59	0.00	0.00%	3.23%	3.17%
Retail Transmission Rate – Line and Transformation Connection Service Rate	829	0.0056	4.67	829	0.0056	4.67	0.00	0.00%	2.69%	2.65%
<b>Sub-Total: Retail Transmission</b>			<b>10.25</b>			<b>10.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.92%</b>	<b>5.82%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>73.04</b>			<b>79.07</b>	<b>6.04</b>	<b>8.26%</b>	<b>45.67%</b>	<b>44.89%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>72.28</b>			<b>78.31</b>	<b>6.04</b>	<b>8.35%</b>	<b>45.23%</b>	<b>44.46%</b>
Wholesale Market Service Rate	829	0.0036	2.98	829	0.0036	2.98	0.00	0.00%	1.72%	1.69%
Rural Rate Protection Charge	829	0.0021	1.74	829	0.0021	1.74	0.00	0.00%	1.01%	0.99%
Ontario Electricity Support Program Charge	829	0.0011	0.91	829	0.0011	0.91	0.00	0.00%	0.53%	0.52%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.14%	0.14%
<b>Sub-Total: Regulatory</b>			<b>5.89</b>			<b>5.89</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.40%</b>	<b>3.34%</b>
<b>Debt Retirement Charge (DRC)</b>	750	0.000	<b>0.00</b>	750	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>158.87</b>			<b>164.91</b>	<b>6.04</b>	<b>3.80%</b>	<b>95.24%</b>	
HST		0.13	20.65		0.13	21.44	0.78	3.80%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>179.52</b>			<b>186.34</b>	<b>6.82</b>	<b>3.80%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-12.71		-0.08	-13.19	-0.48	3.80%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>166.81</b>			<b>173.15</b>	<b>6.34</b>	<b>3.80%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>161.71</b>			<b>167.74</b>	<b>6.04</b>	<b>3.73%</b>		<b>95.24%</b>
HST		0.13	21.02		0.13	21.81	0.78	3.73%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>182.73</b>			<b>189.55</b>	<b>6.82</b>	<b>3.73%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-12.94		-0.08	-13.42	-0.48	3.73%	-7.62%	
<b>Total Amount on TOU</b>			<b>169.79</b>			<b>176.13</b>	<b>6.34</b>	<b>3.73%</b>		<b>100.00%</b>

**2019 Bill Impacts (Average Consumption Level)**

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Rate Class	R2
Monthly Consumption (kWh)	1152
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1273
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	24.50%	
Energy Second Tier (kWh)	552	0.121	66.79	552	0.121	66.79	0.00	0.00%	26.48%	
<b>Sub-Total: Energy (RPP)</b>			<b>128.59</b>			<b>128.59</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.99%</b>	
TOU-Off Peak	749	0.087	65.15	749	0.087	65.15	0.00	0.00%		25.99%
TOU-Mid Peak	196	0.132	25.85	196	0.132	25.85	0.00	0.00%		10.31%
TOU-On Peak	207	0.180	37.32	207	0.180	37.32	0.00	0.00%		14.89%
<b>Sub-Total: Energy (TOU)</b>			<b>128.32</b>			<b>128.32</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.88%</b>	<b>51.19%</b>
Service Charge (RRRP credit applied)	1	25.11	25.11	1	34.22	34.22	9.11	36.28%	13.57%	13.65%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	-0.01%	-0.01%
Distribution Volumetric Rate	1,152	0.0363	41.82	1,152	0.0322	37.09	-4.72	-11.29%	14.71%	14.80%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,152	0.0002	0.23	1,152	0.0002	0.23	0.00	0.00%	0.09%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>67.14</b>			<b>71.52</b>	<b>4.39</b>	<b>6.53%</b>	<b>28.36%</b>	<b>28.53%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.31%	0.32%
Line Losses on Cost of Power (based on two-tier RPP prices)	121	0.12	14.64	121	0.12	14.64	0.00	0.00%	5.80%	5.84%
Line Losses on Cost of Power (based on TOU prices)	121	0.11	13.47	121	0.11	13.47	0.00	0.00%	5.34%	5.37%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>82.56</b>			<b>86.95</b>	<b>4.39</b>	<b>5.31%</b>	<b>34.48%</b>	<b>34.68%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>81.40</b>			<b>85.79</b>	<b>4.39</b>	<b>5.39%</b>	<b>34.02%</b>	<b>34.22%</b>
Retail Transmission Rate – Network Service Rate	1,273	0.0067	8.58	1,273	0.0067	8.58	0.00	0.00%	3.40%	3.42%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,273	0.0056	7.17	1,273	0.0056	7.17	0.00	0.00%	2.84%	2.86%
<b>Sub-Total: Retail Transmission</b>			<b>15.75</b>			<b>15.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.24%</b>	<b>6.28%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>98.31</b>			<b>102.70</b>	<b>4.39</b>	<b>4.46%</b>	<b>40.72%</b>	<b>40.96%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>97.15</b>			<b>101.53</b>	<b>4.39</b>	<b>4.52%</b>	<b>40.26%</b>	<b>40.50%</b>
Wholesale Market Service Rate	1,273	0.0036	4.58	1,273	0.0036	4.58	0.00	0.00%	1.82%	1.83%
Rural Rate Protection Charge	1,273	0.0021	2.67	1,273	0.0021	2.67	0.00	0.00%	1.06%	1.07%
Ontario Electricity Support Program Charge	1,273	0.0011	1.40	1,273	0.0011	1.40	0.00	0.00%	0.56%	0.56%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Regulatory</b>			<b>8.91</b>			<b>8.91</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.53%</b>	<b>3.55%</b>
<b>Debt Retirement Charge (DRC)</b>	1,152	0.000	<b>0.00</b>	1,152	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>235.81</b>			<b>240.20</b>	<b>4.39</b>	<b>1.86%</b>	<b>95.24%</b>	
HST		0.13	30.66		0.13	31.23	0.57	1.86%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>266.46</b>			<b>271.42</b>	<b>4.96</b>	<b>1.86%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-18.86		-0.08	-19.22	-0.35	1.86%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>247.60</b>			<b>252.21</b>	<b>4.61</b>	<b>1.86%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>234.38</b>			<b>238.76</b>	<b>4.39</b>	<b>1.87%</b>		<b>95.24%</b>
HST		0.13	30.47		0.13	31.04	0.57	1.87%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>264.84</b>			<b>269.80</b>	<b>4.96</b>	<b>1.87%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-18.75		-0.08	-19.10	-0.35	1.87%		-7.62%
<b>Total Amount on TOU</b>			<b>246.09</b>			<b>250.70</b>	<b>4.61</b>	<b>1.87%</b>		<b>100.00%</b>

**2019 Bill Impacts (High Consumption Level)**

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Rate Class	R2
Monthly Consumption (kWh)	2300
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	2542
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	12.93%	
Energy Second Tier (kWh)	1,700	0.121	205.70	1,700	0.121	205.70	0.00	0.00%	43.04%	
<b>Sub-Total: Energy (RPP)</b>			<b>267.50</b>			<b>267.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.97%</b>	
TOU-Off Peak	1,495	0.087	130.07	1,495	0.087	130.07	0.00	0.00%		28.05%
TOU-Mid Peak	391	0.132	51.61	391	0.132	51.61	0.00	0.00%		11.13%
TOU-On Peak	414	0.180	74.52	414	0.180	74.52	0.00	0.00%		16.07%
<b>Sub-Total: Energy (TOU)</b>			<b>256.20</b>			<b>256.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.60%</b>	<b>55.26%</b>
Service Charge (RRRP credit applied)	1	25.11	25.11	1	34.22	34.22	9.11	36.28%	7.16%	7.38%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	2,300	0.0363	83.49	2,300	0.0322	74.06	-9.43	-11.29%	15.49%	15.97%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	2,300	0.0002	0.46	2,300	0.0002	0.46	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>109.04</b>			<b>108.72</b>	<b>-0.32</b>	<b>-0.29%</b>	<b>22.75%</b>	<b>23.45%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.17%	0.17%
Line Losses on Cost of Power (based on two-tier RPP prices)	242	0.12	29.22	242	0.12	29.22	0.00	0.00%	6.11%	6.30%
Line Losses on Cost of Power (based on TOU prices)	242	0.11	26.90	242	0.11	26.90	0.00	0.00%	5.63%	5.80%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>139.05</b>			<b>138.73</b>	<b>-0.32</b>	<b>-0.23%</b>	<b>29.03%</b>	<b>29.92%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>136.73</b>			<b>136.41</b>	<b>-0.32</b>	<b>-0.23%</b>	<b>28.54%</b>	<b>29.42%</b>
Retail Transmission Rate – Network Service Rate	2,542	0.0067	17.13	2,542	0.0067	17.13	0.00	0.00%	3.58%	3.69%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,542	0.0056	14.31	2,542	0.0056	14.31	0.00	0.00%	2.99%	3.09%
<b>Sub-Total: Retail Transmission</b>			<b>31.44</b>			<b>31.44</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.58%</b>	<b>6.78%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>170.49</b>			<b>170.17</b>	<b>-0.32</b>	<b>-0.19%</b>	<b>35.60%</b>	<b>36.70%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>168.17</b>			<b>167.85</b>	<b>-0.32</b>	<b>-0.19%</b>	<b>35.12%</b>	<b>36.20%</b>
Wholesale Market Service Rate	2,542	0.0036	9.15	2,542	0.0036	9.15	0.00	0.00%	1.91%	1.97%
Rural Rate Protection Charge	2,542	0.0021	5.34	2,542	0.0021	5.34	0.00	0.00%	1.12%	1.15%
Ontario Electricity Support Program Charge	2,542	0.0011	2.80	2,542	0.0011	2.80	0.00	0.00%	0.58%	0.60%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>17.53</b>			<b>17.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.67%</b>	<b>3.78%</b>
<b>Debt Retirement Charge (DRC)</b>	2,300	0.000	<b>0.00</b>	2,300	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>455.52</b>			<b>455.20</b>	<b>-0.32</b>	<b>-0.07%</b>	<b>95.24%</b>	
HST		0.13	59.22		0.13	59.18	-0.04	-0.07%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>514.74</b>			<b>514.38</b>	<b>-0.36</b>	<b>-0.07%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-36.44		-0.08	-36.42	0.03	-0.07%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>478.30</b>			<b>477.96</b>	<b>-0.34</b>	<b>-0.07%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>441.90</b>			<b>441.58</b>	<b>-0.32</b>	<b>-0.07%</b>		<b>95.24%</b>
HST		0.13	57.45		0.13	57.41	-0.04	-0.07%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>499.34</b>			<b>498.98</b>	<b>-0.36</b>	<b>-0.07%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-35.35		-0.08	-35.33	0.03	-0.07%	-7.62%	
<b>Total Amount on TOU</b>			<b>463.99</b>			<b>463.66</b>	<b>-0.34</b>	<b>-0.07%</b>		<b>100.00%</b>

**2019 Bill Impacts (Low Consumption Level)**

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Rate Class	Seasonal
Monthly Consumption (kWh)	50
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	55.2
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	50	0.103	5.15	50	0.103	5.15	0.00	0.00%	8.84%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>5.15</b>			<b>5.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>8.84%</b>	
TOU-Off Peak	33	0.087	2.83	33	0.087	2.83	0.00	0.00%		4.81%
TOU-Mid Peak	9	0.132	1.12	9	0.132	1.12	0.00	0.00%		1.91%
TOU-On Peak	9	0.180	1.62	9	0.180	1.62	0.00	0.00%		2.76%
<b>Sub-Total: Energy (TOU)</b>			<b>5.57</b>			<b>5.57</b>	<b>0.00</b>	<b>0.00%</b>	<b>9.56%</b>	<b>9.48%</b>
Service Charge	1	40.57	40.57	1	45.14	45.14	4.57	11.26%	77.49%	76.85%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	50	0.0608	3.04	50	0.0530	2.65	-0.39	-12.83%	4.55%	4.51%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	50	0.0002	0.01	50	0.0002	0.01	0.00	0.00%	0.02%	0.02%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>43.62</b>			<b>47.80</b>	<b>4.18</b>	<b>9.58%</b>	<b>82.06%</b>	<b>81.38%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.36%	1.34%
Line Losses on Cost of Power (based on two-tier RPP prices)	5	0.10	0.54	5	0.10	0.54	0.00	0.00%	0.92%	0.91%
Line Losses on Cost of Power (based on TOU prices)	5	0.11	0.58	5	0.11	0.58	0.00	0.00%	0.99%	0.99%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>44.95</b>			<b>49.13</b>	<b>4.18</b>	<b>9.30%</b>	<b>84.33%</b>	<b>83.63%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>44.99</b>			<b>49.17</b>	<b>4.18</b>	<b>9.29%</b>	<b>84.41%</b>	<b>83.71%</b>
Retail Transmission Rate – Network Service Rate	55	0.0057	0.31	55	0.0057	0.31	0.00	0.00%	0.54%	0.53%
Retail Transmission Rate – Line and Transformation Connection Service Rate	55	0.0048	0.27	55	0.0048	0.27	0.00	0.00%	0.46%	0.45%
<b>Sub-Total: Retail Transmission</b>			<b>0.58</b>			<b>0.58</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.99%</b>	<b>0.98%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>45.52</b>			<b>49.70</b>	<b>4.18</b>	<b>9.18%</b>	<b>85.32%</b>	<b>84.62%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>45.57</b>			<b>49.75</b>	<b>4.18</b>	<b>9.17%</b>	<b>85.40%</b>	<b>84.69%</b>
Wholesale Market Service Rate	55	0.0036	0.20	55	0.0036	0.20	0.00	0.00%	0.34%	0.34%
Rural Rate Protection Charge	55	0.0021	0.12	55	0.0021	0.12	0.00	0.00%	0.20%	0.20%
Ontario Electricity Support Program Charge	55	0.0011	0.06	55	0.0011	0.06	0.00	0.00%	0.10%	0.10%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.43%	0.43%
<b>Sub-Total: Regulatory</b>			<b>0.63</b>			<b>0.63</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.07%</b>	<b>1.06%</b>
<b>Debt Retirement Charge (DRC)</b>	50	0.000	<b>0.00</b>	50	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>51.30</b>			<b>55.48</b>	<b>4.18</b>	<b>8.15%</b>	<b>95.24%</b>	
HST		0.13	6.67		0.13	7.21	0.54	8.15%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>57.97</b>			<b>62.69</b>	<b>4.72</b>	<b>8.15%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-4.10		-0.08	-4.44	-0.33	8.15%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>53.86</b>			<b>58.25</b>	<b>4.39</b>	<b>8.15%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>51.76</b>			<b>55.94</b>	<b>4.18</b>	<b>8.08%</b>		<b>95.24%</b>
HST		0.13	6.73		0.13	7.27	0.54	8.08%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>58.49</b>			<b>63.21</b>	<b>4.72</b>	<b>8.08%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-4.14		-0.08	-4.48	-0.33	8.08%		-7.62%
<b>Total Amount on TOU</b>			<b>54.35</b>			<b>58.74</b>	<b>4.39</b>	<b>8.08%</b>		<b>100.00%</b>

**2019 Bill Impacts (Typical Consumption Level)**

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Rate Class	Seasonal
Monthly Consumption (kWh)	350
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	386.4
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	350	0.103	36.05	350	0.103	36.05	0.00	0.00%	30.85%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.05</b>			<b>36.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>30.85%</b>	
TOU-Off Peak	228	0.087	19.79	228	0.087	19.79	0.00	0.00%		16.46%
TOU-Mid Peak	60	0.132	7.85	60	0.132	7.85	0.00	0.00%		6.53%
TOU-On Peak	63	0.180	11.34	63	0.180	11.34	0.00	0.00%		9.43%
<b>Sub-Total: Energy (TOU)</b>			<b>38.99</b>			<b>38.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>33.37%</b>	<b>32.42%</b>
Service Charge	1	40.57	40.57	1	45.14	45.14	4.57	11.26%	38.63%	37.54%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	350	0.0608	21.28	350	0.0530	18.55	-2.73	-12.83%	15.88%	15.43%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	350	0.0002	0.07	350	0.0002	0.07	0.00	0.00%	0.06%	0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>61.92</b>			<b>63.76</b>	<b>1.84</b>	<b>2.97%</b>	<b>54.57%</b>	<b>53.03%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.68%	0.66%
Line Losses on Cost of Power (based on two-tier RPP prices)	36	0.10	3.75	36	0.10	3.75	0.00	0.00%	3.21%	3.12%
Line Losses on Cost of Power (based on TOU prices)	36	0.11	4.05	36	0.11	4.05	0.00	0.00%	3.47%	3.37%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>66.46</b>			<b>68.30</b>	<b>1.84</b>	<b>2.77%</b>	<b>58.46%</b>	<b>56.80%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>66.76</b>			<b>68.60</b>	<b>1.84</b>	<b>2.76%</b>	<b>58.72%</b>	<b>57.06%</b>
Retail Transmission Rate – Network Service Rate	386	0.0057	2.19	386	0.0057	2.19	0.00	0.00%	1.87%	1.82%
Retail Transmission Rate – Line and Transformation Connection Service Rate	386	0.0048	1.86	386	0.0048	1.86	0.00	0.00%	1.59%	1.55%
<b>Sub-Total: Retail Transmission</b>			<b>4.05</b>			<b>4.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.46%</b>	<b>3.37%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>70.51</b>			<b>72.35</b>	<b>1.84</b>	<b>2.61%</b>	<b>61.92%</b>	<b>60.17%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>70.81</b>			<b>72.65</b>	<b>1.84</b>	<b>2.60%</b>	<b>62.18%</b>	<b>60.42%</b>
Wholesale Market Service Rate	386	0.0036	1.39	386	0.0036	1.39	0.00	0.00%	1.19%	1.16%
Rural Rate Protection Charge	386	0.0021	0.81	386	0.0021	0.81	0.00	0.00%	0.69%	0.67%
Ontario Electricity Support Program Charge	386	0.0011	0.43	386	0.0011	0.43	0.00	0.00%	0.36%	0.35%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.21%	0.21%
<b>Sub-Total: Regulatory</b>			<b>2.88</b>			<b>2.88</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.46%</b>	<b>2.39%</b>
<b>Debt Retirement Charge (DRC)</b>	350	0.000	<b>0.00</b>	350	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>109.44</b>			<b>111.28</b>	<b>1.84</b>	<b>1.68%</b>	<b>95.24%</b>	
HST		0.13	14.23		0.13	14.47	0.24	1.68%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>123.66</b>			<b>125.74</b>	<b>2.08</b>	<b>1.68%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-8.75		-0.08	-8.90	-0.15	1.68%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>114.91</b>			<b>116.84</b>	<b>1.93</b>	<b>1.68%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>112.68</b>			<b>114.52</b>	<b>1.84</b>	<b>1.63%</b>		<b>95.24%</b>
HST		0.13	14.65		0.13	14.89	0.24	1.63%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>127.32</b>			<b>129.40</b>	<b>2.08</b>	<b>1.63%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-9.01		-0.08	-9.16	-0.15	1.63%		-7.62%
<b>Total Amount on TOU</b>			<b>118.31</b>			<b>120.24</b>	<b>1.93</b>	<b>1.63%</b>		<b>100.00%</b>

**2019 Bill Impacts (Average Consumption Level)**

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Rate Class	Seasonal
Monthly Consumption (kWh)	352
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	388.608
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	352	0.103	36.26	352	0.103	36.26	0.00	0.00%	30.93%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.26</b>			<b>36.26</b>	<b>0.00</b>	<b>0.00%</b>	<b>30.93%</b>	
TOU-Off Peak	229	0.087	19.91	229	0.087	19.91	0.00	0.00%		16.50%
TOU-Mid Peak	60	0.132	7.90	60	0.132	7.90	0.00	0.00%		6.55%
TOU-On Peak	63	0.180	11.40	63	0.180	11.40	0.00	0.00%		9.45%
<b>Sub-Total: Energy (TOU)</b>			<b>39.21</b>			<b>39.21</b>	<b>0.00</b>	<b>0.00%</b>	<b>33.45%</b>	<b>32.50%</b>
Service Charge	1	40.57	40.57	1	45.14	45.14	4.57	11.26%	38.51%	37.41%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	352	0.0608	21.40	352	0.0530	18.66	-2.75	-12.83%	15.91%	15.46%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	352	0.0002	0.07	352	0.0002	0.07	0.00	0.00%	0.06%	0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>62.04</b>			<b>63.87</b>	<b>1.82</b>	<b>2.94%</b>	<b>54.48%</b>	<b>52.93%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.67%	0.65%
Line Losses on Cost of Power (based on two-tier RPP prices)	37	0.10	3.77	37	0.10	3.77	0.00	0.00%	3.22%	3.13%
Line Losses on Cost of Power (based on TOU prices)	37	0.11	4.08	37	0.11	4.08	0.00	0.00%	3.48%	3.38%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>66.60</b>			<b>68.43</b>	<b>1.82</b>	<b>2.74%</b>	<b>58.37%</b>	<b>56.71%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>66.91</b>			<b>68.73</b>	<b>1.82</b>	<b>2.73%</b>	<b>58.63%</b>	<b>56.97%</b>
Retail Transmission Rate – Network Service Rate	389	0.0057	2.20	389	0.0057	2.20	0.00	0.00%	1.87%	1.82%
Retail Transmission Rate – Line and Transformation Connection Service Rate	389	0.0048	1.87	389	0.0048	1.87	0.00	0.00%	1.60%	1.55%
<b>Sub-Total: Retail Transmission</b>			<b>4.07</b>			<b>4.07</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.47%</b>	<b>3.37%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>70.67</b>			<b>72.50</b>	<b>1.82</b>	<b>2.58%</b>	<b>61.84%</b>	<b>60.09%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>70.98</b>			<b>72.81</b>	<b>1.82</b>	<b>2.57%</b>	<b>62.11%</b>	<b>60.34%</b>
Wholesale Market Service Rate	389	0.0036	1.40	389	0.0036	1.40	0.00	0.00%	1.19%	1.16%
Rural Rate Protection Charge	389	0.0021	0.82	389	0.0021	0.82	0.00	0.00%	0.70%	0.68%
Ontario Electricity Support Program Charge	389	0.0011	0.43	389	0.0011	0.43	0.00	0.00%	0.36%	0.35%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.21%	0.21%
<b>Sub-Total: Regulatory</b>			<b>2.89</b>			<b>2.89</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.47%</b>	<b>2.40%</b>
<b>Debt Retirement Charge (DRC)</b>	352	0.000	<b>0.00</b>	352	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>109.82</b>			<b>111.65</b>	<b>1.82</b>	<b>1.66%</b>	<b>95.24%</b>	
HST		0.13	14.28		0.13	14.51	0.24	1.66%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>124.10</b>			<b>126.16</b>	<b>2.06</b>	<b>1.66%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-8.79		-0.08	-8.93	-0.15	1.66%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>115.31</b>			<b>117.23</b>	<b>1.92</b>	<b>1.66%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>113.08</b>			<b>114.91</b>	<b>1.82</b>	<b>1.61%</b>		<b>95.24%</b>
HST		0.13	14.70		0.13	14.94	0.24	1.61%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>127.78</b>			<b>129.85</b>	<b>2.06</b>	<b>1.61%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-9.05		-0.08	-9.19	-0.15	1.61%		-7.62%
<b>Total Amount on TOU</b>			<b>118.74</b>			<b>120.65</b>	<b>1.92</b>	<b>1.61%</b>		<b>100.00%</b>

**2019 Bill Impacts (High Consumption Level)**

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Rate Class	Seasonal
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1104
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	24.40%	
Energy Second Tier (kWh)	400	0.121	48.40	400	0.121	48.40	0.00	0.00%	19.11%	
<b>Sub-Total: Energy (RPP)</b>			<b>110.20</b>			<b>110.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.51%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		22.31%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		8.85%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		12.78%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.98%</b>	<b>43.94%</b>
Service Charge	1	40.57	40.57	1	45.14	45.14	4.57	11.26%	17.82%	17.81%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,000	0.0608	60.80	1,000	0.0530	53.00	-7.80	-12.83%	20.92%	20.91%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,000	0.0002	0.20	1,000	0.0002	0.20	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>101.57</b>			<b>98.34</b>	<b>-3.23</b>	<b>-3.18%</b>	<b>38.82%</b>	<b>38.79%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.31%	0.31%
Line Losses on Cost of Power (based on two-tier RPP prices)	104	0.12	12.58	104	0.12	12.58	0.00	0.00%	4.97%	4.96%
Line Losses on Cost of Power (based on TOU prices)	104	0.11	11.58	104	0.11	11.58	0.00	0.00%	4.57%	4.57%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>114.94</b>			<b>111.71</b>	<b>-3.23</b>	<b>-2.81%</b>	<b>44.10%</b>	<b>44.07%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>113.94</b>			<b>110.71</b>	<b>-3.23</b>	<b>-2.83%</b>	<b>43.71%</b>	<b>43.67%</b>
Retail Transmission Rate – Network Service Rate	1,104	0.0057	6.24	1,104	0.0057	6.24	0.00	0.00%	2.47%	2.46%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,104	0.0048	5.32	1,104	0.0048	5.32	0.00	0.00%	2.10%	2.10%
<b>Sub-Total: Retail Transmission</b>			<b>11.57</b>			<b>11.57</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.57%</b>	<b>4.56%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>126.51</b>			<b>123.28</b>	<b>-3.23</b>	<b>-2.55%</b>	<b>48.67%</b>	<b>48.63%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>125.51</b>			<b>122.28</b>	<b>-3.23</b>	<b>-2.57%</b>	<b>48.28%</b>	<b>48.24%</b>
Wholesale Market Service Rate	1,104	0.0036	3.97	1,104	0.0036	3.97	0.00	0.00%	1.57%	1.57%
Rural Rate Protection Charge	1,104	0.0021	2.32	1,104	0.0021	2.32	0.00	0.00%	0.92%	0.91%
Ontario Electricity Support Program Charge	1,104	0.0011	1.21	1,104	0.0011	1.21	0.00	0.00%	0.48%	0.48%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Regulatory</b>			<b>7.76</b>			<b>7.76</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.06%</b>	<b>3.06%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.000	<b>0.00</b>	1,000	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>244.47</b>			<b>241.24</b>	<b>-3.23</b>	<b>-1.32%</b>	<b>95.24%</b>	
HST		0.13	31.78		0.13	31.36	-0.42	-1.32%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>276.25</b>			<b>272.60</b>	<b>-3.65</b>	<b>-1.32%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-19.56		-0.08	-19.30	0.26	-1.32%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>256.69</b>			<b>253.30</b>	<b>-3.39</b>	<b>-1.32%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>244.66</b>			<b>241.43</b>	<b>-3.23</b>	<b>-1.32%</b>		<b>95.24%</b>
HST		0.13	31.81		0.13	31.39	-0.42	-1.32%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>276.46</b>			<b>272.81</b>	<b>-3.65</b>	<b>-1.32%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-19.57		-0.08	-19.31	0.26	-1.32%		-7.62%
<b>Total Amount on TOU</b>			<b>256.89</b>			<b>253.50</b>	<b>-3.39</b>	<b>-1.32%</b>		<b>100.00%</b>

**2019 Bill Impacts (Low Consumption Level)**

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Rate Class	UGe
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	1067
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	37.52%	
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	14.69%	
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>52.21%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		27.02%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		10.72%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		15.48%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.09%</b>	<b>53.21%</b>
Service Charge	1	23.97	23.97	1	24.52	24.52	0.55	2.29%	11.91%	11.71%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,000	0.0280	28.00	1,000	0.029	29.00	1.00	3.57%	14.08%	13.85%
Volumetric Deferral/Variance Account Rider (including CBR Class	1,000	0.0002	0.20	1,000	0.0002	0.20	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>52.18</b>			<b>53.73</b>	<b>1.55</b>	<b>2.97%</b>	<b>26.09%</b>	<b>25.67%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.38%	0.38%
Line Losses on Cost of Power (based on two-tier RPP prices)	67	0.12	8.11	67	0.12	8.11	0.00	0.00%	3.94%	3.87%
Line Losses on Cost of Power (based on TOU prices)	67	0.11	7.46	67	0.11	7.46	0.00	0.00%	3.62%	3.57%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>61.08</b>			<b>62.63</b>	<b>1.55</b>	<b>2.54%</b>	<b>30.41%</b>	<b>29.92%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>60.43</b>			<b>61.98</b>	<b>1.55</b>	<b>2.56%</b>	<b>30.10%</b>	<b>29.61%</b>
Retail Transmission Rate – Network Service Rate	1,067	0.0061	6.52	1,067	0.0061	6.52	0.00	0.00%	3.16%	3.11%
Retail Transmission Rate – Line and Transformation Connection \$	1,067	0.0047	4.96	1,067	0.0047	4.96	0.00	0.00%	2.41%	2.37%
<b>Sub-Total: Retail Transmission</b>			<b>11.48</b>			<b>11.48</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.57%</b>	<b>5.48%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>72.56</b>			<b>74.11</b>	<b>1.55</b>	<b>2.14%</b>	<b>35.99%</b>	<b>35.40%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>71.91</b>			<b>73.46</b>	<b>1.55</b>	<b>2.16%</b>	<b>35.68%</b>	<b>35.09%</b>
Wholesale Market Service Rate	1,067	0.0036	3.84	1,067	0.0036	3.84	0.00	0.00%	1.87%	1.84%
Rural Rate Protection Charge	1,067	0.0021	2.24	1,067	0.0021	2.24	0.00	0.00%	1.09%	1.07%
Ontario Electricity Support Program Charge	1,067	0.0011	1.17	1,067	0.0011	1.17	0.00	0.00%	0.57%	0.56%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.12%	0.12%
<b>Sub-Total: Regulatory</b>			<b>7.51</b>			<b>7.51</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.64%</b>	<b>3.59%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	<b>7.00</b>	1,000	0.007	<b>7.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.40%</b>	<b>3.34%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>194.56</b>			<b>196.11</b>	<b>1.55</b>	<b>0.80%</b>	<b>95.24%</b>	
HST		0.13	25.29		0.13	25.49	0.20	0.80%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>219.85</b>			<b>221.61</b>	<b>1.75</b>	<b>0.80%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-15.56		-0.08	-15.69	-0.12	0.80%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>204.29</b>			<b>205.92</b>	<b>1.63</b>	<b>0.80%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>197.81</b>			<b>199.36</b>	<b>1.55</b>	<b>0.78%</b>		<b>95.24%</b>
HST		0.13	25.71		0.13	25.92	0.20	0.78%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>223.52</b>			<b>225.27</b>	<b>1.75</b>	<b>0.78%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-15.82		-0.08	-15.95	-0.12	0.78%	-7.62%	
<b>Total Amount on TOU</b>			<b>207.70</b>			<b>209.33</b>	<b>1.63</b>	<b>0.78%</b>		<b>100.00%</b>

**2019 Bill Impacts (Typical Consumption Level)**

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Rate Class	UGe
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2134
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	19.35%	
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	37.89%	
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.25%</b>	
TOU-Off Peak	1,300	0.087	113.10	1,300	0.087	113.10	0.00	0.00%		28.87%
TOU-Mid Peak	340	0.132	44.88	340	0.132	44.88	0.00	0.00%		11.45%
TOU-On Peak	360	0.180	64.80	360	0.180	64.80	0.00	0.00%		16.54%
<b>Sub-Total: Energy (TOU)</b>			<b>222.78</b>			<b>222.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.81%</b>	<b>56.86%</b>
Service Charge	1	23.97	23.97	1	24.52	24.52	0.55	2.29%	6.14%	6.26%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	2,000	0.0280	56.00	2,000	0.029	58.00	2.00	3.57%	14.53%	14.80%
Volumetric Deferral/Variance Account Rider (including CBR Class	2,000	0.0002	0.40	2,000	0.0002	0.40	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>80.38</b>			<b>82.93</b>	<b>2.55</b>	<b>3.17%</b>	<b>20.78%</b>	<b>21.17%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.20%	0.20%
Line Losses on Cost of Power (based on two-tier RPP prices)	134	0.12	16.21	134	0.12	16.21	0.00	0.00%	4.06%	4.14%
Line Losses on Cost of Power (based on TOU prices)	134	0.11	14.93	134	0.11	14.93	0.00	0.00%	3.74%	3.81%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>97.38</b>			<b>99.93</b>	<b>2.55</b>	<b>2.62%</b>	<b>25.04%</b>	<b>25.51%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>96.10</b>			<b>98.65</b>	<b>2.55</b>	<b>2.65%</b>	<b>24.71%</b>	<b>25.18%</b>
Retail Transmission Rate – Network Service Rate	2,134	0.0061	13.03	2,134	0.0061	13.03	0.00	0.00%	3.26%	3.33%
Retail Transmission Rate – Line and Transformation Connection \$	2,134	0.0047	9.93	2,134	0.0047	9.93	0.00	0.00%	2.49%	2.53%
<b>Sub-Total: Retail Transmission</b>			<b>22.96</b>			<b>22.96</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.75%</b>	<b>5.86%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>120.34</b>			<b>122.89</b>	<b>2.55</b>	<b>2.12%</b>	<b>30.79%</b>	<b>31.37%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>119.05</b>			<b>121.60</b>	<b>2.55</b>	<b>2.14%</b>	<b>30.46%</b>	<b>31.04%</b>
Wholesale Market Service Rate	2,134	0.0036	7.68	2,134	0.0036	7.68	0.00	0.00%	1.92%	1.96%
Rural Rate Protection Charge	2,134	0.0021	4.48	2,134	0.0021	4.48	0.00	0.00%	1.12%	1.14%
Ontario Electricity Support Program Charge	2,134	0.0011	2.35	2,134	0.0011	2.35	0.00	0.00%	0.59%	0.60%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%	0.06%
<b>Sub-Total: Regulatory</b>			<b>14.76</b>			<b>14.76</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.70%</b>	<b>3.77%</b>
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	3.51%	3.57%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>377.60</b>			<b>380.15</b>	<b>2.55</b>	<b>0.68%</b>	<b>95.24%</b>	
HST		0.13	49.09		0.13	49.42	0.33	0.68%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>426.69</b>			<b>429.57</b>	<b>2.88</b>	<b>0.68%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-30.21		-0.08	-30.41	-0.20	0.68%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>396.48</b>			<b>399.16</b>	<b>2.68</b>	<b>0.68%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>370.60</b>			<b>373.15</b>	<b>2.55</b>	<b>0.69%</b>		<b>95.24%</b>
HST		0.13	48.18		0.13	48.51	0.33	0.69%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>418.77</b>			<b>421.65</b>	<b>2.88</b>	<b>0.69%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-29.65		-0.08	-29.85	-0.20	0.69%	-7.62%	
<b>Total Amount on TOU</b>			<b>389.12</b>			<b>391.80</b>	<b>2.68</b>	<b>0.69%</b>		<b>100.00%</b>

**2019 Bill Impacts (Average Consumption Level)**

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Rate Class	UGe
Monthly Consumption (kWh)	2759
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2944
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	14.15%	
Energy Second Tier (kWh)	2,009	0.121	243.09	2,009	0.121	243.09	0.00	0.00%	44.54%	
<b>Sub-Total: Energy (RPP)</b>			<b>320.34</b>			<b>320.34</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.69%</b>	
TOU-Off Peak	1,793	0.087	156.02	1,793	0.087	156.02	0.00	0.00%		29.42%
TOU-Mid Peak	469	0.132	61.91	469	0.132	61.91	0.00	0.00%		11.67%
TOU-On Peak	497	0.180	89.39	497	0.180	89.39	0.00	0.00%		16.86%
<b>Sub-Total: Energy (TOU)</b>			<b>307.33</b>			<b>307.33</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.30%</b>	<b>57.95%</b>
Service Charge	1	23.97	23.97	1	24.52	24.52	0.55	2.29%	4.49%	4.62%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	2,759	0.0280	77.25	2,759	0.029	80.01	2.76	3.57%	14.66%	15.09%
Volumetric Deferral/Variance Account Rider (including CBR Class	2,759	0.0002	0.55	2,759	0.0002	0.55	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>101.78</b>			<b>105.09</b>	<b>3.31</b>	<b>3.25%</b>	<b>19.25%</b>	<b>19.82%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.14%	0.15%
Line Losses on Cost of Power (based on two-tier RPP prices)	185	0.12	22.37	185	0.12	22.37	0.00	0.00%	4.10%	4.22%
Line Losses on Cost of Power (based on TOU prices)	185	0.11	20.59	185	0.11	20.59	0.00	0.00%	3.77%	3.88%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>124.94</b>			<b>128.25</b>	<b>3.31</b>	<b>2.65%</b>	<b>23.50%</b>	<b>24.18%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>123.16</b>			<b>126.47</b>	<b>3.31</b>	<b>2.69%</b>	<b>23.17%</b>	<b>23.85%</b>
Retail Transmission Rate – Network Service Rate	2,944	0.0061	17.98	2,944	0.0061	17.98	0.00	0.00%	3.29%	3.39%
Retail Transmission Rate – Line and Transformation Connection	2,944	0.0047	13.69	2,944	0.0047	13.69	0.00	0.00%	2.51%	2.58%
<b>Sub-Total: Retail Transmission</b>			<b>31.67</b>			<b>31.67</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.80%</b>	<b>5.97%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>156.61</b>			<b>159.92</b>	<b>3.31</b>	<b>2.11%</b>	<b>29.30%</b>	<b>30.16%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>154.83</b>			<b>158.14</b>	<b>3.31</b>	<b>2.14%</b>	<b>28.97%</b>	<b>29.82%</b>
Wholesale Market Service Rate	2,944	0.0036	10.60	2,944	0.0036	10.60	0.00	0.00%	1.94%	2.00%
Rural Rate Protection Charge	2,944	0.0021	6.18	2,944	0.0021	6.18	0.00	0.00%	1.13%	1.17%
Ontario Electricity Support Program Charge	2,944	0.0011	3.24	2,944	0.0011	3.24	0.00	0.00%	0.59%	0.61%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>20.27</b>			<b>20.27</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.71%</b>	<b>3.82%</b>
<b>Debt Retirement Charge (DRC)</b>	2,759	0.007	19.31	2,759	0.007	19.31	0.00	0.00%	3.54%	3.64%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>516.53</b>			<b>519.84</b>	<b>3.31</b>	<b>0.64%</b>	<b>95.24%</b>	
HST		0.13	67.15		0.13	67.58	0.43	0.64%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>583.68</b>			<b>587.42</b>	<b>3.74</b>	<b>0.64%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-41.32		-0.08	-41.59	-0.26	0.64%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>542.36</b>			<b>545.83</b>	<b>3.47</b>	<b>0.64%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>501.74</b>			<b>505.05</b>	<b>3.31</b>	<b>0.66%</b>		<b>95.24%</b>
HST		0.13	65.23		0.13	65.66	0.43	0.66%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>566.97</b>			<b>570.71</b>	<b>3.74</b>	<b>0.66%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-40.14		-0.08	-40.40	-0.26	0.66%	-7.62%	
<b>Total Amount on TOU</b>			<b>526.83</b>			<b>530.30</b>	<b>3.47</b>	<b>0.66%</b>		<b>100.00%</b>

**2019 Bill Impacts (High Consumption Level)**

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Rate Class	UGe
Monthly Consumption (kWh)	15000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	16005
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	2.65%	
Energy Second Tier (kWh)	14,250	0.121	1,724.25	14,250	0.121	1,724.25	0.00	0.00%	59.23%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,801.50</b>			<b>1,801.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>61.88%</b>	
TOU-Off Peak	9,750	0.087	848.25	9,750	0.087	848.25	0.00	0.00%		30.69%
TOU-Mid Peak	2,550	0.132	336.60	2,550	0.132	336.60	0.00	0.00%		12.18%
TOU-On Peak	2,700	0.180	486.00	2,700	0.180	486.00	0.00	0.00%		17.58%
<b>Sub-Total: Energy (TOU)</b>			<b>1,670.85</b>			<b>1,670.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.39%</b>	<b>60.45%</b>
Service Charge	1	23.97	23.97	1	24.52	24.52	0.55	2.29%	0.84%	0.89%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	15,000	0.0280	420.00	15,000	0.029	435.00	15.00	3.57%	14.94%	15.74%
Volumetric Deferral/Variance Account Rider (including CBR Class	15,000	0.0002	3.00	15,000	0.0002	3.00	0.00	0.00%	0.10%	0.11%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>446.98</b>			<b>462.53</b>	<b>15.55</b>	<b>3.48%</b>	<b>15.89%</b>	<b>16.73%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.03%	0.03%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,005	0.12	121.61	1,005	0.12	121.61	0.00	0.00%	4.18%	4.40%
Line Losses on Cost of Power (based on TOU prices)	1,005	0.11	111.95	1,005	0.11	111.95	0.00	0.00%	3.85%	4.05%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>569.38</b>			<b>584.93</b>	<b>15.55</b>	<b>2.73%</b>	<b>20.09%</b>	<b>21.16%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>559.72</b>			<b>575.27</b>	<b>15.55</b>	<b>2.78%</b>	<b>19.76%</b>	<b>20.81%</b>
Retail Transmission Rate – Network Service Rate	16,005	0.0061	97.73	16,005	0.0061	97.73	0.00	0.00%	3.36%	3.54%
Retail Transmission Rate – Line and Transformation Connection \$	16,005	0.0047	74.46	16,005	0.0047	74.46	0.00	0.00%	2.56%	2.69%
<b>Sub-Total: Retail Transmission</b>			<b>172.18</b>			<b>172.18</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.91%</b>	<b>6.23%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>741.56</b>			<b>757.11</b>	<b>15.55</b>	<b>2.10%</b>	<b>26.01%</b>	<b>27.39%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>731.90</b>			<b>747.45</b>	<b>15.55</b>	<b>2.12%</b>	<b>25.67%</b>	<b>27.04%</b>
Wholesale Market Service Rate	16,005	0.0036	57.62	16,005	0.0036	57.62	0.00	0.00%	1.98%	2.08%
Rural Rate Protection Charge	16,005	0.0021	33.61	16,005	0.0021	33.61	0.00	0.00%	1.15%	1.22%
Ontario Electricity Support Program Charge	16,005	0.0011	17.61	16,005	0.0011	17.61	0.00	0.00%	0.60%	0.64%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Regulatory</b>			<b>109.08</b>			<b>109.08</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.75%</b>	<b>3.95%</b>
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.61%	3.80%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>2,757.14</b>			<b>2,772.69</b>	<b>15.55</b>	<b>0.56%</b>	<b>95.24%</b>	
HST		0.13	358.43		0.13	360.45	2.02	0.56%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>3,115.57</b>			<b>3,133.14</b>	<b>17.57</b>	<b>0.56%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-220.57		-0.08	-221.82	-1.24	0.56%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>2,895.00</b>			<b>2,911.33</b>	<b>16.33</b>	<b>0.56%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>2,616.83</b>			<b>2,632.38</b>	<b>15.55</b>	<b>0.59%</b>		<b>95.24%</b>
HST		0.13	340.19		0.13	342.21	2.02	0.59%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>2,957.02</b>			<b>2,974.59</b>	<b>17.57</b>	<b>0.59%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-209.35		-0.08	-210.59	-1.24	0.59%		-7.62%
<b>Total Amount on TOU</b>			<b>2,747.67</b>			<b>2,764.00</b>	<b>16.33</b>	<b>0.59%</b>		<b>100.00%</b>

**2019 Bill Impacts (Low Consumption Level)**

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Rate Class	GSe
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	1096
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	30.96%	
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	12.12%	
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.09%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		22.39%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		8.88%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		12.83%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>44.65%</b>	<b>44.10%</b>
Service Charge	1	29.68	29.68	1	30.26	30.26	0.58	1.95%	12.13%	11.98%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,000	0.0591	59.10	1,000	0.0614	61.40	2.30	3.89%	24.61%	24.31%
Volumetric Deferral/Variance Account Rider (including CBR Class	1,000	0.0002	0.20	1,000	0.0002	0.20	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>88.98</b>			<b>91.86</b>	<b>2.88</b>	<b>3.24%</b>	<b>36.82%</b>	<b>36.36%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.32%	0.31%
Line Losses on Cost of Power (based on two-tier RPP prices)	96	0.12	11.62	96	0.12	11.62	0.00	0.00%	4.66%	4.60%
Line Losses on Cost of Power (based on TOU prices)	96	0.11	10.69	96	0.11	10.69	0.00	0.00%	4.29%	4.23%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>101.39</b>			<b>104.27</b>	<b>2.88</b>	<b>2.84%</b>	<b>41.79%</b>	<b>41.28%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>100.46</b>			<b>103.34</b>	<b>2.88</b>	<b>2.87%</b>	<b>41.42%</b>	<b>40.91%</b>
Retail Transmission Rate – Network Service Rate	1,096	0.0057	6.24	1,096	0.0057	6.24	0.00	0.00%	2.50%	2.47%
Retail Transmission Rate – Line and Transformation Connection \$	1,096	0.0045	4.90	1,096	0.0045	4.90	0.00	0.00%	1.97%	1.94%
<b>Sub-Total: Retail Transmission</b>			<b>11.14</b>			<b>11.14</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.47%</b>	<b>4.41%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>112.53</b>			<b>115.41</b>	<b>2.88</b>	<b>2.56%</b>	<b>46.26%</b>	<b>45.69%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>111.61</b>			<b>114.49</b>	<b>2.88</b>	<b>2.58%</b>	<b>45.89%</b>	<b>45.32%</b>
Wholesale Market Service Rate	1,096	0.0036	3.95	1,096	0.0036	3.95	0.00	0.00%	1.58%	1.56%
Rural Rate Protection Charge	1,096	0.0021	2.30	1,096	0.0021	2.30	0.00	0.00%	0.92%	0.91%
Ontario Electricity Support Program Charge	1,096	0.0011	1.21	1,096	0.0011	1.21	0.00	0.00%	0.48%	0.48%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Regulatory</b>			<b>7.70</b>			<b>7.70</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.09%</b>	<b>3.05%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	<b>7.00</b>	1,000	0.007	<b>7.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.81%</b>	<b>2.77%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>234.73</b>			<b>237.61</b>	<b>2.88</b>	<b>1.23%</b>	<b>95.24%</b>	
HST		0.13	30.52		0.13	30.89	0.37	1.23%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>265.25</b>			<b>268.50</b>	<b>3.25</b>	<b>1.23%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-18.78		-0.08	-19.01	-0.23	-1.23%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>246.47</b>			<b>249.49</b>	<b>3.02</b>	<b>1.23%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>237.70</b>			<b>240.58</b>	<b>2.88</b>	<b>1.21%</b>		<b>95.24%</b>
HST		0.13	30.90		0.13	31.28	0.37	1.21%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>268.60</b>			<b>271.85</b>	<b>3.25</b>	<b>1.21%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-19.02		-0.08	-19.25	-0.23	-1.21%	-7.62%	
<b>Total Amount on TOU</b>			<b>249.58</b>			<b>252.61</b>	<b>3.02</b>	<b>1.21%</b>		<b>100.00%</b>

**2019 Bill Impacts (Typical Consumption Level)**

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Rate Class	GSe
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2192
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	16.08%	
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	31.49%	
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.57%</b>	
TOU-Off Peak	1,300	0.087	113.10	1,300	0.087	113.10	0.00	0.00%		23.94%
TOU-Mid Peak	340	0.132	44.88	340	0.132	44.88	0.00	0.00%		9.50%
TOU-On Peak	360	0.180	64.80	360	0.180	64.80	0.00	0.00%		13.72%
<b>Sub-Total: Energy (TOU)</b>			<b>222.78</b>			<b>222.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.38%</b>	<b>47.16%</b>
Service Charge	1	29.68	29.68	1	30.26	30.26	0.58	1.95%	6.30%	6.41%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	2,000	0.0591	118.20	2,000	0.0614	122.80	4.60	3.89%	25.57%	26.00%
Volumetric Deferral/Variance Account Rider (including CBR Class	2,000	0.0002	0.40	2,000	0.0002	0.40	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>148.28</b>			<b>153.46</b>	<b>5.18</b>	<b>3.49%</b>	<b>31.95%</b>	<b>32.49%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.16%	0.17%
Line Losses on Cost of Power (based on two-tier RPP prices)	192	0.12	23.23	192	0.12	23.23	0.00	0.00%	4.84%	4.92%
Line Losses on Cost of Power (based on TOU prices)	192	0.11	21.39	192	0.11	21.39	0.00	0.00%	4.45%	4.53%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>172.30</b>			<b>177.48</b>	<b>5.18</b>	<b>3.01%</b>	<b>36.95%</b>	<b>37.57%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>170.46</b>			<b>175.64</b>	<b>5.18</b>	<b>3.04%</b>	<b>36.57%</b>	<b>37.18%</b>
Retail Transmission Rate – Network Service Rate	2,192	0.0057	12.48	2,192	0.0057	12.48	0.00	0.00%	2.60%	2.64%
Retail Transmission Rate – Line and Transformation Connection \$	2,192	0.0045	9.81	2,192	0.0045	9.81	0.00	0.00%	2.04%	2.08%
<b>Sub-Total: Retail Transmission</b>			<b>22.29</b>			<b>22.29</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.64%</b>	<b>4.72%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>194.59</b>			<b>199.77</b>	<b>5.18</b>	<b>2.66%</b>	<b>41.59%</b>	<b>42.29%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>192.74</b>			<b>197.92</b>	<b>5.18</b>	<b>2.69%</b>	<b>41.21%</b>	<b>41.90%</b>
Wholesale Market Service Rate	2,192	0.0036	7.89	2,192	0.0036	7.89	0.00	0.00%	1.64%	1.67%
Rural Rate Protection Charge	2,192	0.0021	4.60	2,192	0.0021	4.60	0.00	0.00%	0.96%	0.97%
Ontario Electricity Support Program Charge	2,192	0.0011	2.41	2,192	0.0011	2.41	0.00	0.00%	0.50%	0.51%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>15.16</b>			<b>15.16</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.16%</b>	<b>3.21%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	<b>14.00</b>	2,000	0.007	<b>14.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.91%</b>	<b>2.96%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>452.24</b>			<b>457.42</b>	<b>5.18</b>	<b>1.15%</b>	<b>95.24%</b>	
HST		0.13	58.79		0.13	59.47	0.67	1.15%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>511.04</b>			<b>516.89</b>	<b>5.85</b>	<b>1.15%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-36.18		-0.08	-36.59	-0.41	1.15%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>474.86</b>			<b>480.29</b>	<b>5.44</b>	<b>1.15%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>444.68</b>			<b>449.86</b>	<b>5.18</b>	<b>1.16%</b>		<b>95.24%</b>
HST		0.13	57.81		0.13	58.48	0.67	1.16%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>502.49</b>			<b>508.34</b>	<b>5.85</b>	<b>1.16%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-35.57		-0.08	-35.99	-0.41	1.16%	-7.62%	
<b>Total Amount on TOU</b>			<b>466.91</b>			<b>472.35</b>	<b>5.44</b>	<b>1.16%</b>		<b>100.00%</b>

**2019 Bill Impacts (Average Consumption Level)**

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Rate Class	GSe
Monthly Consumption (kWh)	1982
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2172
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	16.22%	
Energy Second Tier (kWh)	1,232	0.121	149.07	1,232	0.121	149.07	0.00	0.00%	31.31%	
<b>Sub-Total: Energy (RPP)</b>			<b>226.32</b>			<b>226.32</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.53%</b>	
TOU-Off Peak	1,288	0.087	112.08	1,288	0.087	112.08	0.00	0.00%		23.93%
TOU-Mid Peak	337	0.132	44.48	337	0.132	44.48	0.00	0.00%		9.50%
TOU-On Peak	357	0.180	64.22	357	0.180	64.22	0.00	0.00%		13.71%
<b>Sub-Total: Energy (TOU)</b>			<b>220.77</b>			<b>220.77</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.37%</b>	<b>47.13%</b>
Service Charge	1	29.68	29.68	1	30.26	30.26	0.58	1.95%	6.36%	6.46%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,982	0.0591	117.14	1,982	0.0614	121.69	4.56	3.89%	25.56%	25.98%
Volumetric Deferral/Variance Account Rider (including CBR Class	1,982	0.0002	0.40	1,982	0.0002	0.40	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>147.21</b>			<b>152.35</b>	<b>5.14</b>	<b>3.49%</b>	<b>32.00%</b>	<b>32.53%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.17%	0.17%
Line Losses on Cost of Power (based on two-tier RPP prices)	190	0.12	23.02	190	0.12	23.02	0.00	0.00%	4.84%	4.92%
Line Losses on Cost of Power (based on TOU prices)	190	0.11	21.19	190	0.11	21.19	0.00	0.00%	4.45%	4.52%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>171.03</b>			<b>176.16</b>	<b>5.14</b>	<b>3.00%</b>	<b>37.00%</b>	<b>37.61%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>169.20</b>			<b>174.34</b>	<b>5.14</b>	<b>3.04%</b>	<b>36.61%</b>	<b>37.22%</b>
Retail Transmission Rate – Network Service Rate	2,172	0.0057	12.37	2,172	0.0057	12.37	0.00	0.00%	2.60%	2.64%
Retail Transmission Rate – Line and Transformation Connection	2,172	0.0045	9.72	2,172	0.0045	9.72	0.00	0.00%	2.04%	2.07%
<b>Sub-Total: Retail Transmission</b>			<b>22.09</b>			<b>22.09</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.64%</b>	<b>4.72%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>193.11</b>			<b>198.25</b>	<b>5.14</b>	<b>2.66%</b>	<b>41.64%</b>	<b>42.33%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>191.28</b>			<b>196.42</b>	<b>5.14</b>	<b>2.69%</b>	<b>41.25%</b>	<b>41.93%</b>
Wholesale Market Service Rate	2,172	0.0036	7.82	2,172	0.0036	7.82	0.00	0.00%	1.64%	1.67%
Rural Rate Protection Charge	2,172	0.0021	4.56	2,172	0.0021	4.56	0.00	0.00%	0.96%	0.97%
Ontario Electricity Support Program Charge	2,172	0.0011	2.39	2,172	0.0011	2.39	0.00	0.00%	0.50%	0.51%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>15.02</b>			<b>15.02</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.15%</b>	<b>3.21%</b>
<b>Debt Retirement Charge (DRC)</b>	1,982	0.007	<b>13.87</b>	1,982	0.007	<b>13.87</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.91%</b>	<b>2.96%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>448.33</b>			<b>453.47</b>	<b>5.14</b>	<b>1.15%</b>	<b>95.24%</b>	
HST		0.13	58.28		0.13	58.95	0.67	1.15%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>506.61</b>			<b>512.42</b>	<b>5.81</b>	<b>1.15%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-35.87		-0.08	-36.28	-0.41	1.15%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>470.74</b>			<b>476.14</b>	<b>5.40</b>	<b>1.15%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>440.95</b>			<b>446.09</b>	<b>5.14</b>	<b>1.17%</b>		<b>95.24%</b>
HST		0.13	57.32		0.13	57.99	0.67	1.17%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>498.28</b>			<b>504.08</b>	<b>5.81</b>	<b>1.17%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-35.28		-0.08	-35.69	-0.41	1.17%	-7.62%	
<b>Total Amount on TOU</b>			<b>463.00</b>			<b>468.40</b>	<b>5.40</b>	<b>1.17%</b>		<b>100.00%</b>

**2019 Bill Impacts (High Consumption Level)**

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Rate Class	GSe
Monthly Consumption (kWh)	15000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	16440
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	2.22%	
Energy Second Tier (kWh)	14,250	0.121	1,724.25	14,250	0.121	1,724.25	0.00	0.00%	49.54%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,801.50</b>			<b>1,801.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.76%</b>	
TOU-Off Peak	9,750	0.087	848.25	9,750	0.087	848.25	0.00	0.00%		25.48%
TOU-Mid Peak	2,550	0.132	336.60	2,550	0.132	336.60	0.00	0.00%		10.11%
TOU-On Peak	2,700	0.180	486.00	2,700	0.180	486.00	0.00	0.00%		14.60%
<b>Sub-Total: Energy (TOU)</b>			<b>1,670.85</b>			<b>1,670.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.00%</b>	<b>50.19%</b>
Service Charge	1	29.68	29.68	1	30.26	30.26	0.58	1.95%	0.87%	0.91%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	15,000	0.0591	886.50	15,000	0.0614	921.00	34.50	3.89%	26.46%	27.67%
Volumetric Deferral/Variance Account Rider (including CBR Class	15,000	0.0002	3.00	15,000	0.0002	3.00	0.00	0.00%	0.09%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>919.18</b>			<b>954.26</b>	<b>35.08</b>	<b>3.82%</b>	<b>27.42%</b>	<b>28.66%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.02%	0.02%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,440	0.12	174.24	1,440	0.12	174.24	0.00	0.00%	5.01%	5.23%
Line Losses on Cost of Power (based on TOU prices)	1,440	0.11	160.40	1,440	0.11	160.40	0.00	0.00%	4.61%	4.82%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>1,094.21</b>			<b>1,129.29</b>	<b>35.08</b>	<b>3.21%</b>	<b>32.44%</b>	<b>33.92%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>1,080.37</b>			<b>1,115.45</b>	<b>35.08</b>	<b>3.25%</b>	<b>32.05%</b>	<b>33.51%</b>
Retail Transmission Rate – Network Service Rate	16,440	0.0057	93.59	16,440	0.0057	93.59	0.00	0.00%	2.69%	2.81%
Retail Transmission Rate – Line and Transformation Connection \$	16,440	0.0045	73.55	16,440	0.0045	73.55	0.00	0.00%	2.11%	2.21%
<b>Sub-Total: Retail Transmission</b>			<b>167.15</b>			<b>167.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.80%</b>	<b>5.02%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>1,261.36</b>			<b>1,296.44</b>	<b>35.08</b>	<b>2.78%</b>	<b>37.25%</b>	<b>38.94%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>1,247.52</b>			<b>1,282.60</b>	<b>35.08</b>	<b>2.81%</b>	<b>36.85%</b>	<b>38.53%</b>
Wholesale Market Service Rate	16,440	0.0036	59.18	16,440	0.0036	59.18	0.00	0.00%	1.70%	1.78%
Rural Rate Protection Charge	16,440	0.0021	34.52	16,440	0.0021	34.52	0.00	0.00%	0.99%	1.04%
Ontario Electricity Support Program Charge	16,440	0.0011	18.08	16,440	0.0011	18.08	0.00	0.00%	0.52%	0.54%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Regulatory</b>			<b>112.04</b>			<b>112.04</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.22%</b>	<b>3.37%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.02%</b>	<b>3.15%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>3,279.90</b>			<b>3,314.98</b>	<b>35.08</b>	<b>1.07%</b>	<b>95.24%</b>	
HST		0.13	426.39		0.13	430.95	4.56	1.07%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>3,706.28</b>			<b>3,745.92</b>	<b>39.64</b>	<b>1.07%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-262.39		-0.08	-265.20	-2.81	1.07%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>3,443.89</b>			<b>3,480.73</b>	<b>36.83</b>	<b>1.07%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>3,135.41</b>			<b>3,170.49</b>	<b>35.08</b>	<b>1.12%</b>		<b>95.24%</b>
HST		0.13	407.60		0.13	412.16	4.56	1.12%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>3,543.01</b>			<b>3,582.65</b>	<b>39.64</b>	<b>1.12%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-250.83		-0.08	-253.64	-2.81	1.12%	-7.62%	
<b>Total Amount on TOU</b>			<b>3,292.18</b>			<b>3,329.01</b>	<b>36.83</b>	<b>1.12%</b>		<b>100.00%</b>

**2019 Bill Impacts (Low Consumption Level)**

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Rate Class	UGd
Monthly Consumption (kWh)	15,000
Peak (kW)	60
Loss factor	1.050
Load factor	34%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	15,750
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,750	0.103	1,622.25	15,750	0.103	1,622.25	0.00	0.00%	51.20%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,622.25</b>			<b>1,622.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.20%</b>
Service Charge	1	101.13	101.13	1	102.94	102.94	1.81	1.79%	3.25%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	60	9.5977	575.86	60	9.9375	596.25	20.39	3.54%	18.82%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	60	0.0646	3.88	60	0.0646	3.88	0.00	0.00%	0.12%
Volumetric Global Adjustment Account Rider	15,750	0.0019	29.93	15,750	0.0019	29.93	0.00	0.00%	0.94%
<b>Sub-Total: Distribution</b>			<b>710.80</b>			<b>733.00</b>	<b>22.20</b>	<b>3.12%</b>	<b>23.14%</b>
Retail Transmission Rate – Network Service Rate	60	2.23104	133.86	60	2.2310	133.86	0.00	0.00%	4.23%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.704675	102.28	60	1.7047	102.28	0.00	0.00%	3.23%
<b>Sub-Total: Retail Transmission</b>			<b>236.14</b>			<b>236.14</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.45%</b>
<b>Sub-Total: Delivery</b>			<b>946.95</b>			<b>969.14</b>	<b>22.20</b>	<b>2.34%</b>	<b>30.59%</b>
Wholesale Market Service Rate	15,750	0.0036	56.70	15,750	0.0036	56.70	0.00	0.00%	1.79%
Rural Rate Protection Charge	15,750	0.0021	33.08	15,750	0.0021	33.08	0.00	0.00%	1.04%
Ontario Electricity Support Program Charge	15,750	0.0011	17.33	15,750	0.0011	17.33	0.00	0.00%	0.55%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>107.35</b>			<b>107.35</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.39%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.31%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>2,781.55</b>			<b>2,803.74</b>	<b>22.20</b>	<b>0.80%</b>	<b>88.50%</b>
HST		0.13	361.60		0.13	364.49	2.89	0.80%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>3,143.15</b>			<b>3,168.23</b>	<b>25.08</b>	<b>0.80%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>3,143.15</b>			<b>3,168.23</b>	<b>25.08</b>	<b>0.80%</b>	<b>100.00%</b>

**2019 Bill Impacts (Typical Consumption Level)**

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Rate Class	UGd
Monthly Consumption (kWh)	50,525
Peak (kW)	135
Loss factor	1.050
Load factor	51%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	53,051
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	53,051	0.103	5,464.28	53,051	0.103	5,464.28	0.00	0.00%	58.51%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>5,464.28</b>			<b>5,464.28</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.51%</b>
Service Charge	1	101.13	101.13	1	102.94	102.94	1.81	1.79%	1.10%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	135	9.5977	1,295.69	135	9.9375	1,341.56	45.87	3.54%	14.37%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	135	0.0646	8.72	135	0.0646	8.72	0.00	0.00%	0.09%
Volumetric Global Adjustment Account Rider	53,051	0.0019	100.80	53,051	0.0019	100.80	0.00	0.00%	1.08%
<b>Sub-Total: Distribution</b>			<b>1,506.35</b>			<b>1,554.03</b>	<b>47.68</b>	<b>3.17%</b>	<b>16.64%</b>
Retail Transmission Rate – Network Service Rate	135	2.23104	301.19	135	2.2310	301.19	0.00	0.00%	3.23%
Retail Transmission Rate – Line and Transformation Connection Service Rate	135	1.704675	230.13	135	1.7047	230.13	0.00	0.00%	2.46%
<b>Sub-Total: Retail Transmission</b>			<b>531.32</b>			<b>531.32</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.69%</b>
<b>Sub-Total: Delivery</b>			<b>2,037.67</b>			<b>2,085.35</b>	<b>47.68</b>	<b>2.34%</b>	<b>22.33%</b>
Wholesale Market Service Rate	53,051	0.0036	190.98	53,051	0.0036	190.98	0.00	0.00%	2.05%
Rural Rate Protection Charge	53,051	0.0021	111.41	53,051	0.0021	111.41	0.00	0.00%	1.19%
Ontario Electricity Support Program Charge	53,051	0.0011	58.36	53,051	0.0011	58.36	0.00	0.00%	0.62%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>361.00</b>			<b>361.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.87%</b>
<b>Debt Retirement Charge (DRC)</b>	50,525	0.007	<b>353.68</b>	50,525	0.007	<b>353.68</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.79%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>8,216.62</b>			<b>8,264.30</b>	<b>47.68</b>	<b>0.58%</b>	<b>88.50%</b>
HST		0.13	1,068.16		0.13	1,074.36	6.20	0.58%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>9,284.78</b>			<b>9,338.66</b>	<b>53.88</b>	<b>0.58%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>9,284.78</b>			<b>9,338.66</b>	<b>53.88</b>	<b>0.58%</b>	<b>100.00%</b>

**2019 Bill Impacts (High Consumption Level)**

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Rate Class	UGd
Monthly Consumption (kWh)	175,000
Peak (kW)	500
Loss factor	1.050
Load factor	48%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	183,750
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	183,750	0.103	18,926.25	183,750	0.103	18,926.25	0.00	0.00%	58.11%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>18,926.25</b>			<b>18,926.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.11%</b>
Service Charge	1	101.13	101.13	1	102.94	102.94	1.81	1.79%	0.32%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	500	9.5977	4,798.85	500	9.9375	4,968.75	169.90	3.54%	15.26%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	500	0.0646	32.30	500	0.0646	32.30	0.00	0.00%	0.10%
Volumetric Global Adjustment Account Rider	183,750	0.0019	349.13	183,750	0.0019	349.13	0.00	0.00%	1.07%
<b>Sub-Total: Distribution</b>			<b>5,281.42</b>			<b>5,453.13</b>	<b>171.71</b>	<b>3.25%</b>	<b>16.74%</b>
Retail Transmission Rate – Network Service Rate	500	2.23104	1,115.52	500	2.2310	1,115.52	0.00	0.00%	3.43%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.704675	852.34	500	1.7047	852.34	0.00	0.00%	2.62%
<b>Sub-Total: Retail Transmission</b>			<b>1,967.86</b>			<b>1,967.86</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.04%</b>
<b>Sub-Total: Delivery</b>			<b>7,249.27</b>			<b>7,420.98</b>	<b>171.71</b>	<b>2.37%</b>	<b>22.79%</b>
Wholesale Market Service Rate	183,750	0.0036	661.50	183,750	0.0036	661.50	0.00	0.00%	2.03%
Rural Rate Protection Charge	183,750	0.0021	385.88	183,750	0.0021	385.88	0.00	0.00%	1.18%
Ontario Electricity Support Program Charge	183,750	0.0011	202.13	183,750	0.0011	202.13	0.00	0.00%	0.62%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,249.75</b>			<b>1,249.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.84%</b>
<b>Debt Retirement Charge (DRC)</b>	175,000	0.007	<b>1,225.00</b>	175,000	0.007	<b>1,225.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.76%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>28,650.27</b>			<b>28,821.98</b>	<b>171.71</b>	<b>0.60%</b>	<b>88.50%</b>
HST		0.13	3,724.54		0.13	3,746.86	22.32	0.60%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>32,374.81</b>			<b>32,568.84</b>	<b>194.03</b>	<b>0.60%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>32,374.81</b>			<b>32,568.84</b>	<b>194.03</b>	<b>0.60%</b>	<b>100.00%</b>

**2019 Bill Impacts (Low Consumption Level)**

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Rate Class	Gsd
Monthly Consumption (kWh)	15,000
Peak (kW)	60
Loss factor	1.061
Load factor	34%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	15,915
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,915	0.103	1,639.25	15,915	0.103	1,639.25	0.00	0.00%	45.22%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,639.25</b>			<b>1,639.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.22%</b>
Service Charge	1	102.93	102.93	1	104.42	104.42	1.49	1.45%	2.88%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	0.00%
Distribution Volumetric Rate	60	16.7653	1,005.92	60	17.3532	1,041.19	35.27	3.51%	28.72%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	60	0.0470	2.82	60	0.0470	2.82	0.00	0.00%	0.08%
Volumetric Global Adjustment Account Rider	15,915	0.0019	30.24	15,915	0.0019	30.24	0.00	0.00%	0.83%
<b>Sub-Total: Distribution</b>			<b>1,141.89</b>			<b>1,178.65</b>	<b>36.76</b>	<b>3.22%</b>	<b>32.51%</b>
Retail Transmission Rate – Network Service Rate	60	1.6718177	100.31	60	1.6718	100.31	0.00	0.00%	2.77%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.2769135	76.61	60	1.2769	76.61	0.00	0.00%	2.11%
<b>Sub-Total: Retail Transmission</b>			<b>176.92</b>			<b>176.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.88%</b>
<b>Sub-Total: Delivery</b>			<b>1,318.81</b>			<b>1,355.57</b>	<b>36.76</b>	<b>2.79%</b>	<b>37.39%</b>
Wholesale Market Service Rate	15,915	0.0036	57.29	15,915	0.0036	57.29	0.00	0.00%	1.58%
Rural Rate Protection Charge	15,915	0.0021	33.42	15,915	0.0021	33.42	0.00	0.00%	0.92%
Ontario Electricity Support Program Charge	15,915	0.0011	17.51	15,915	0.0011	17.51	0.00	0.00%	0.48%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>108.47</b>			<b>108.47</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.99%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.90%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>3,171.53</b>			<b>3,208.29</b>	<b>36.76</b>	<b>1.16%</b>	<b>88.50%</b>
HST		0.13	412.30		0.13	417.08	4.78	1.16%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>3,583.83</b>			<b>3,625.37</b>	<b>41.54</b>	<b>1.16%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>3,583.83</b>			<b>3,625.37</b>	<b>41.54</b>	<b>1.16%</b>	<b>100.00%</b>

**2019 Bill Impacts (Typical Consumption Level)**

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Rate Class	GSD
Monthly Consumption (kWh)	36,104
Peak (kW)	124
Loss factor	1.061
Load factor	40%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	38,306
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	38,306	0.103	3,945.55	38,306	0.103	3,945.55	0.00	0.00%	48.77%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>3,945.55</b>			<b>3,945.55</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.77%</b>
Service Charge	1	102.93	102.93	1	104.42	104.42	1.49	1.45%	1.29%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	0.00%
Distribution Volumetric Rate	124	16.7653	2,078.90	124	17.3532	2,151.80	72.90	3.51%	26.60%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	124	0.0470	5.83	124	0.0470	5.83	0.00	0.00%	0.07%
Volumetric Global Adjustment Account Rider	38,306	0.0019	72.78	38,306	0.0019	72.78	0.00	0.00%	0.90%
<b>Sub-Total: Distribution</b>			<b>2,260.42</b>			<b>2,334.81</b>	<b>74.39</b>	<b>3.29%</b>	<b>28.86%</b>
Retail Transmission Rate – Network Service Rate	124	1.6718177	207.31	124	1.6718	207.31	0.00	0.00%	2.56%
Retail Transmission Rate – Line and Transformation Connection Service Rate	124	1.2769135	158.34	124	1.2769	158.34	0.00	0.00%	1.96%
<b>Sub-Total: Retail Transmission</b>			<b>365.64</b>			<b>365.64</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.52%</b>
<b>Sub-Total: Delivery</b>			<b>2,626.06</b>			<b>2,700.45</b>	<b>74.39</b>	<b>2.83%</b>	<b>33.38%</b>
Wholesale Market Service Rate	38,306	0.0036	137.90	38,306	0.0036	137.90	0.00	0.00%	1.70%
Rural Rate Protection Charge	38,306	0.0021	80.44	38,306	0.0021	80.44	0.00	0.00%	0.99%
Ontario Electricity Support Program Charge	38,306	0.0011	42.14	38,306	0.0011	42.14	0.00	0.00%	0.52%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>260.73</b>			<b>260.73</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.22%</b>
<b>Debt Retirement Charge (DRC)</b>	36,104	0.007	<b>252.73</b>	36,104	0.007	<b>252.73</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.12%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>7,085.07</b>			<b>7,159.46</b>	<b>74.39</b>	<b>1.05%</b>	<b>88.50%</b>
HST		0.13	921.06		0.13	930.73	9.67	1.05%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>8,006.13</b>			<b>8,090.19</b>	<b>84.06</b>	<b>1.05%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>8,006.13</b>			<b>8,090.19</b>	<b>84.06</b>	<b>1.05%</b>	<b>100.00%</b>

**2019 Bill Impacts (High Consumption Level)**

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Rate Class	Gsd
Monthly Consumption (kWh)	175,000
Peak (kW)	500
Loss factor	1.061
Load factor	48%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	185,675
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	185,675	0.103	19,124.53	185,675	0.103	19,124.53	0.00	0.00%	52.49%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>19,124.53</b>			<b>19,124.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>52.49%</b>
Service Charge	1	102.93	102.93	1	104.42	104.42	1.49	1.45%	0.29%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	0.00%
Distribution Volumetric Rate	500	16.7653	8,382.65	500	17.3532	8,676.60	293.95	3.51%	23.81%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	500	0.0470	23.50	500	0.0470	23.50	0.00	0.00%	0.06%
Volumetric Global Adjustment Account Rider	185,675	0.0019	352.78	185,675	0.0019	352.78	0.00	0.00%	0.97%
<b>Sub-Total: Distribution</b>			<b>8,861.84</b>			<b>9,157.28</b>	<b>295.44</b>	<b>3.33%</b>	<b>25.13%</b>
Retail Transmission Rate – Network Service Rate	500	1.6718177	835.91	500	1.6718	835.91	0.00	0.00%	2.29%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.2769135	638.46	500	1.2769	638.46	0.00	0.00%	1.75%
<b>Sub-Total: Retail Transmission</b>			<b>1,474.37</b>			<b>1,474.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.05%</b>
<b>Sub-Total: Delivery</b>			<b>10,336.21</b>			<b>10,631.65</b>	<b>295.44</b>	<b>2.86%</b>	<b>29.18%</b>
Wholesale Market Service Rate	185,675	0.0036	668.43	185,675	0.0036	668.43	0.00	0.00%	1.83%
Rural Rate Protection Charge	185,675	0.0021	389.92	185,675	0.0021	389.92	0.00	0.00%	1.07%
Ontario Electricity Support Program Charge	185,675	0.0011	204.24	185,675	0.0011	204.24	0.00	0.00%	0.56%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,262.84</b>			<b>1,262.84</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.47%</b>
<b>Debt Retirement Charge (DRC)</b>	175,000	0.007	<b>1,225.00</b>	175,000	0.007	<b>1,225.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.36%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>31,948.57</b>			<b>32,244.01</b>	<b>295.44</b>	<b>0.92%</b>	<b>88.50%</b>
HST		0.13	4,153.31		0.13	4,191.72	38.41	0.92%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>36,101.89</b>			<b>36,435.73</b>	<b>333.85</b>	<b>0.92%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>36,101.89</b>			<b>36,435.73</b>	<b>333.85</b>	<b>0.92%</b>	<b>100.00%</b>

**2019 Bill Impacts (Low Consumption Level)**

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Rate Class	DGen
Monthly Consumption (kWh)	300
Peak (kW)	10
Loss factor	1.061
Load factor	4%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	318
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	318	0.103	32.78	318	0.103	32.78	0.00	0.00%	8.44%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>32.78</b>			<b>32.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>8.44%</b>
Service Charge	1	198.03	198.03	1	198.03	198.03	0.00	0.00%	50.97%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	10	6.0592	60.59	10	9.5956	95.96	35.36	58.36%	24.70%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	10	0.0172	0.17	10	0.0172	0.17	0.00	0.00%	0.04%
Volumetric Global Adjustment Account Rider	318	0.0019	0.60	318	0.0019	0.60	0.00	0.00%	0.16%
<b>Sub-Total: Distribution</b>			<b>259.41</b>			<b>294.77</b>	<b>35.36</b>	<b>13.63%</b>	<b>75.86%</b>
Retail Transmission Rate – Network Service Rate	10	0.6311	6.31	10	0.6311	6.31	0.00	0.00%	1.62%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10	0.5475	5.47	10	0.5475	5.47	0.00	0.00%	1.41%
<b>Sub-Total: Retail Transmission</b>			<b>11.79</b>			<b>11.79</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.03%</b>
<b>Sub-Total: Delivery</b>			<b>271.19</b>			<b>306.56</b>	<b>35.36</b>	<b>13.04%</b>	<b>78.90%</b>
Wholesale Market Service Rate	318	0.0036	1.15	318	0.0036	1.15	0.00	0.00%	0.29%
Rural Rate Protection Charge	318	0.0021	0.67	318	0.0021	0.67	0.00	0.00%	0.17%
Ontario Electricity Support Program Charge	318	0.0011	0.35	318	0.0011	0.35	0.00	0.00%	0.09%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%
<b>Sub-Total: Regulatory</b>			<b>2.41</b>			<b>2.41</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.62%</b>
<b>Debt Retirement Charge (DRC)</b>	300	0.007	<b>2.10</b>	300	0.007	<b>2.10</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.54%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>308.49</b>			<b>343.86</b>	<b>35.36</b>	<b>11.46%</b>	<b>88.50%</b>
HST		0.13	40.10		0.13	44.70	4.60	11.46%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>348.60</b>			<b>388.56</b>	<b>39.96</b>	<b>11.46%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>348.60</b>			<b>388.56</b>	<b>39.96</b>	<b>11.46%</b>	<b>100.00%</b>

**2019 Bill Impacts (Typical Consumption Level)**

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Rate Class	DGen
Monthly Consumption (kWh)	1,328
Peak (kW)	13
Loss factor	1.061
Load factor	14%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	1,409
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	1,409	0.103	145.13	1,409	0.103	145.13	0.00	0.00%	25.42%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>145.13</b>			<b>145.13</b>	<b>0.00</b>	<b>0.00%</b>	<b>25.42%</b>
Service Charge	1	198.03	198.03	1	198.03	198.03	0.00	0.00%	34.68%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	13	6.0592	78.77	13	9.5956	124.74	45.97	58.36%	21.85%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	13	0.0172	0.22	13	0.0172	0.22	0.00	0.00%	0.04%
Volumetric Global Adjustment Account Rider	1,409	0.0019	2.68	1,409	0.0019	2.68	0.00	0.00%	0.47%
<b>Sub-Total: Distribution</b>			<b>279.71</b>			<b>325.68</b>	<b>45.97</b>	<b>16.44%</b>	<b>57.04%</b>
Retail Transmission Rate – Network Service Rate	13	0.6311	8.20	13	0.6311	8.20	0.00	0.00%	1.44%
Retail Transmission Rate – Line and Transformation Connection Service Rate	13	0.5475	7.12	13	0.5475	7.12	0.00	0.00%	1.25%
<b>Sub-Total: Retail Transmission</b>			<b>15.32</b>			<b>15.32</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.68%</b>
<b>Sub-Total: Delivery</b>			<b>295.03</b>			<b>341.00</b>	<b>45.97</b>	<b>15.58%</b>	<b>59.73%</b>
Wholesale Market Service Rate	1,409	0.0036	5.07	1,409	0.0036	5.07	0.00	0.00%	0.89%
Rural Rate Protection Charge	1,409	0.0021	2.96	1,409	0.0021	2.96	0.00	0.00%	0.52%
Ontario Electricity Support Program Charge	1,409	0.0011	1.55	1,409	0.0011	1.55	0.00	0.00%	0.27%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.04%
<b>Sub-Total: Regulatory</b>			<b>9.83</b>			<b>9.83</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.72%</b>
<b>Debt Retirement Charge (DRC)</b>	1,328	0.007	<b>9.30</b>	1,328	0.007	<b>9.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.63%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>459.29</b>			<b>505.26</b>	<b>45.97</b>	<b>10.01%</b>	<b>88.50%</b>
HST		0.13	59.71		0.13	65.68	5.98	10.01%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>518.99</b>			<b>570.94</b>	<b>51.95</b>	<b>10.01%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>518.99</b>			<b>570.94</b>	<b>51.95</b>	<b>10.01%</b>	<b>100.00%</b>

**2019 Bill Impacts (High Consumption Level)**

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Rate Class	DGen
Monthly Consumption (kWh)	5,000
Peak (kW)	100
Loss factor	1.061
Load factor	7%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	5,305
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	5,305	0.103	546.42	5,305	0.103	546.42	0.00	0.00%	25.38%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>546.42</b>			<b>546.42</b>	<b>0.00</b>	<b>0.00%</b>	<b>25.38%</b>
Service Charge	1	198.03	198.03	1	198.03	198.03	0.00	0.00%	9.20%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	100	6.0592	605.92	100	9.5956	959.56	353.64	58.36%	44.58%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	100	0.0172	1.72	100	0.0172	1.72	0.00	0.00%	0.08%
Volumetric Global Adjustment Account Rider	5,305	0.0019	10.08	5,305	0.0019	10.08	0.00	0.00%	0.47%
<b>Sub-Total: Distribution</b>			<b>815.76</b>			<b>1,169.40</b>	<b>353.64</b>	<b>43.35%</b>	<b>54.32%</b>
Retail Transmission Rate – Network Service Rate	100	0.6311	63.11	100	0.6311	63.11	0.00	0.00%	2.93%
Retail Transmission Rate – Line and Transformation Connection Service Rate	100	0.5475	54.75	100	0.5475	54.75	0.00	0.00%	2.54%
<b>Sub-Total: Retail Transmission</b>			<b>117.86</b>			<b>117.86</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.47%</b>
<b>Sub-Total: Delivery</b>			<b>933.62</b>			<b>1,287.26</b>	<b>353.64</b>	<b>37.88%</b>	<b>59.80%</b>
Wholesale Market Service Rate	5,305	0.0036	19.10	5,305	0.0036	19.10	0.00	0.00%	0.89%
Rural Rate Protection Charge	5,305	0.0021	11.14	5,305	0.0021	11.14	0.00	0.00%	0.52%
Ontario Electricity Support Program Charge	5,305	0.0011	5.84	5,305	0.0011	5.84	0.00	0.00%	0.27%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>36.32</b>			<b>36.32</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.69%</b>
<b>Debt Retirement Charge (DRC)</b>	5,000	0.007	<b>35.00</b>	5,000	0.007	<b>35.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.63%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>1,551.35</b>			<b>1,904.99</b>	<b>353.64</b>	<b>22.80%</b>	<b>88.50%</b>
HST		0.13	201.68		0.13	247.65	45.97	22.80%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>1,753.03</b>			<b>2,152.64</b>	<b>399.61</b>	<b>22.80%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>1,753.03</b>			<b>2,152.64</b>	<b>399.61</b>	<b>22.80%</b>	<b>100.00%</b>

**2019 Bill Impacts (Low Consumption Level)**

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Rate Class	ST
Monthly Consumption (kWh)	200,000
Peak (kW)	500
Loss factor	1.034
Load factor	55%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	206,800
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	206,800	0.103	21,300.40	206,800	0.103	21,300.40	0.00	0.00%	63.69%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>21,300.40</b>			<b>21,300.40</b>	<b>0.00</b>	<b>0.00%</b>	<b>63.69%</b>
Service Charge	1	1204.08	1,204.08	1	1226.63	1,226.63	22.55	1.87%	3.67%
Fixed Deferral/Variance Account Rider	1	3.83	3.83	1	3.83	3.83	0.00	0.00%	0.01%
Distribution Volumetric Rate	500	1.315307	657.65	500	1.3683021	684.15	26.50	4.03%	2.05%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	500	0.2729	136.45	500	0.2729	136.45	0.00	0.00%	0.41%
Volumetric Global Adjustment Account Rider	206,800	0.0019	392.92	206,800	0.0019	392.92	0.00	0.00%	1.17%
<b>Sub-Total: Distribution</b>			<b>2,394.93</b>			<b>2,443.98</b>	<b>49.05</b>	<b>2.05%</b>	<b>7.31%</b>
Retail Transmission Rate – Network Service Rate	500	3.4866	1,743.32	500	3.4866	1,743.32	0.00	0.00%	5.21%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	2.6022	1,301.08	500	2.6022	1,301.08	0.00	0.00%	3.89%
<b>Sub-Total: Retail Transmission</b>			<b>3,044.41</b>			<b>3,044.41</b>	<b>0.00</b>	<b>0.00%</b>	<b>9.10%</b>
<b>Sub-Total: Delivery</b>			<b>5,439.34</b>			<b>5,488.39</b>	<b>49.05</b>	<b>0.90%</b>	<b>16.41%</b>
Wholesale Market Service Rate	206,800	0.0036	744.48	206,800	0.0036	744.48	0.00	0.00%	2.23%
Rural Rate Protection Charge	206,800	0.0021	434.28	206,800	0.0021	434.28	0.00	0.00%	1.30%
Ontario Electricity Support Program Charge	206,800	0.0011	227.48	206,800	0.0011	227.48	0.00	0.00%	0.68%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,406.49</b>			<b>1,406.49</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.21%</b>
<b>Debt Retirement Charge (DRC)</b>	200,000	0.007	<b>1,400.00</b>	200,000	0.007	<b>1,400.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.19%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>29,546.23</b>			<b>29,595.28</b>	<b>49.05</b>	<b>0.17%</b>	<b>88.50%</b>
HST		0.13	3,841.01		0.13	3,847.39	6.38	0.17%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>33,387.24</b>			<b>33,442.66</b>	<b>55.42</b>	<b>0.17%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>33,387.24</b>			<b>33,442.66</b>	<b>55.42</b>	<b>0.17%</b>	<b>100.00%</b>

**2019 Bill Impacts (Typical Consumption Level)**

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Rate Class	ST
Monthly Consumption (kWh)	1,601,036
Peak (kW)	3,091
Loss factor	1.034
Load factor	71%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	1,655,471
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	1,655,471	0.103	170,513.54	1,655,471	0.103	170,513.54	0.00	0.00%	68.20%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>170,513.54</b>			<b>170,513.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>68.20%</b>
Service Charge	1	1204.08	1,204.08	1	1226.63	1,226.63	22.55	1.87%	0.49%
Fixed Deferral/Variance Account Rider	1	3.83	3.83	1	3.83	3.83	0.00	0.00%	0.00%
Distribution Volumetric Rate	3,091	1.315307	4,065.61	3,091	1.3683021	4,229.42	163.81	4.03%	1.69%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	3,091	0.2729	843.53	3,091	0.2729	843.53	0.00	0.00%	0.34%
Volumetric Global Adjustment Account Rider	1,655,471	0.0019	3,145.40	1,655,471	0.0019	3,145.40	0.00	0.00%	1.26%
<b>Sub-Total: Distribution</b>			<b>9,262.45</b>			<b>9,448.81</b>	<b>186.36</b>	<b>2.01%</b>	<b>3.78%</b>
Retail Transmission Rate – Network Service Rate	3,091	3.4866	10,777.23	3,091	3.4866	10,777.23	0.00	0.00%	4.31%
Retail Transmission Rate – Line and Transformation Connection Service Rate	3,091	2.6022	8,043.29	3,091	2.6022	8,043.29	0.00	0.00%	3.22%
<b>Sub-Total: Retail Transmission</b>			<b>18,820.52</b>			<b>18,820.52</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.53%</b>
<b>Sub-Total: Delivery</b>			<b>28,082.97</b>			<b>28,269.33</b>	<b>186.36</b>	<b>0.66%</b>	<b>11.31%</b>
Wholesale Market Service Rate	1,655,471	0.0036	5,959.70	1,655,471	0.0036	5,959.70	0.00	0.00%	2.38%
Rural Rate Protection Charge	1,655,471	0.0021	3,476.49	1,655,471	0.0021	3,476.49	0.00	0.00%	1.39%
Ontario Electricity Support Program Charge	1,655,471	0.0011	1,821.02	1,655,471	0.0011	1,821.02	0.00	0.00%	0.73%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>11,257.45</b>			<b>11,257.45</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.50%</b>
<b>Debt Retirement Charge (DRC)</b>	1,601,036	0.007	<b>11,207.25</b>	1,601,036	0.007	<b>11,207.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.48%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>221,061.21</b>			<b>221,247.57</b>	<b>186.36</b>	<b>0.08%</b>	<b>88.50%</b>
HST		0.13	28,737.96		0.13	28,762.18	24.23	0.08%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>249,799.17</b>			<b>250,009.76</b>	<b>210.58</b>	<b>0.08%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>249,799.17</b>			<b>250,009.76</b>	<b>210.58</b>	<b>0.08%</b>	<b>100.00%</b>

**2019 Bill Impacts (High Consumption Level)**

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Rate Class	ST
Monthly Consumption (kWh)	4,000,000
Peak (kW)	10,000
Loss factor	1.034
Load factor	55%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	4,136,000
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	4,136,000	0.103	426,008.00	4,136,000	0.103	426,008.00	0.00	0.00%	66.31%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>426,008.00</b>			<b>426,008.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>66.31%</b>
Service Charge	1	1204.08	1,204.08	1	1226.63	1,226.63	22.55	1.87%	0.19%
Fixed Deferral/Variance Account Rider	1	3.83	3.83	1	3.83	3.83	0.00	0.00%	0.00%
Distribution Volumetric Rate	10,000	1.315307	13,153.07	10,000	1.3683021	13,683.02	529.95	4.03%	2.13%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	10,000	0.2729	2,729.00	10,000	0.2729	2,729.00	0.00	0.00%	0.42%
Volumetric Global Adjustment Account Rider	4,136,000	0.0019	7,858.40	4,136,000	0.0019	7,858.40	0.00	0.00%	1.22%
<b>Sub-Total: Distribution</b>			<b>24,948.38</b>			<b>25,500.88</b>	<b>552.50</b>	<b>2.21%</b>	<b>3.97%</b>
Retail Transmission Rate – Network Service Rate	10,000	3.4866	34,866.48	10,000	3.4866	34,866.48	0.00	0.00%	5.43%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,000	2.6022	26,021.64	10,000	2.6022	26,021.64	0.00	0.00%	4.05%
<b>Sub-Total: Retail Transmission</b>			<b>60,888.12</b>			<b>60,888.12</b>	<b>0.00</b>	<b>0.00%</b>	<b>9.48%</b>
<b>Sub-Total: Delivery</b>			<b>85,836.50</b>			<b>86,389.00</b>	<b>552.50</b>	<b>0.64%</b>	<b>13.45%</b>
Wholesale Market Service Rate	4,136,000	0.0036	14,889.60	4,136,000	0.0036	14,889.60	0.00	0.00%	2.32%
Rural Rate Protection Charge	4,136,000	0.0021	8,685.60	4,136,000	0.0021	8,685.60	0.00	0.00%	1.35%
Ontario Electricity Support Program Charge	4,136,000	0.0011	4,549.60	4,136,000	0.0011	4,549.60	0.00	0.00%	0.71%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>28,125.05</b>			<b>28,125.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.38%</b>
<b>Debt Retirement Charge (DRC)</b>	4,000,000	0.007	<b>28,000.00</b>	4,000,000	0.007	<b>28,000.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.36%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>567,969.55</b>			<b>568,522.05</b>	<b>552.50</b>	<b>0.10%</b>	<b>88.50%</b>
HST		0.13	73,836.04		0.13	73,907.87	71.83	0.10%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>641,805.60</b>			<b>642,429.92</b>	<b>624.33</b>	<b>0.10%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>641,805.60</b>			<b>642,429.92</b>	<b>624.33</b>	<b>0.10%</b>	<b>100.00%</b>

**2019 Bill Impacts (Low Consumption Level)**

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Rate Class	USL
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	109.2
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	100	0.103	10.30	100	0.103	10.30	0.00	0.00%	18.66%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>10.30</b>			<b>10.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>18.66%</b>
Service Charge	1	35.1	35.10	1	35.76	35.76	0.66	1.88%	64.78%
Fixed Deferral/Variance Account Rider	1	-0.010	-0.01	1	-0.010	-0.01	0.00	0.00%	-0.02%
Distribution Volumetric Rate	100	0.0287	2.87	100	0.0293	2.93	0.06	2.09%	5.31%
Volumetric Deferral/Variance Account Rider (including CBR Class)	100	0.0002	0.02	100	0.0002	0.02	0.00	0.00%	0.04%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>37.98</b>			<b>38.70</b>	<b>0.72</b>	<b>1.90%</b>	<b>70.10%</b>
Line Losses on Cost of Power	9	0.10	0.95	9	0.10	0.95	0.00	0.00%	1.72%
<b>Sub-Total: Distribution</b>			<b>38.93</b>			<b>39.65</b>	<b>0.72</b>	<b>1.85%</b>	<b>71.82%</b>
Retail Transmission Rate – Network Service Rate	109	0.00477	0.52	109	0.0048	0.52	0.00	0.00%	0.94%
Retail Transmission Rate – Line and Transformation Connection S	109	0.003795	0.41	109	0.0038	0.41	0.00	0.00%	0.75%
<b>Sub-Total: Retail Transmission</b>			<b>0.94</b>			<b>0.94</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.69%</b>
<b>Sub-Total: Delivery</b>			<b>39.86</b>			<b>40.58</b>	<b>0.72</b>	<b>1.81%</b>	<b>73.51%</b>
Wholesale Market Service Rate	109	0.0036	0.39	109	0.0036	0.39	0.00	0.00%	0.71%
Rural Rate Protection Charge	109	0.0021	0.23	109	0.0021	0.23	0.00	0.00%	0.42%
Ontario Electricity Support Program Charge	109	0.0011	0.12	109	0.0011	0.12	0.00	0.00%	0.22%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.45%
<b>Sub-Total: Regulatory</b>			<b>0.99</b>			<b>0.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.80%</b>
Debt Retirement Charge (DRC)	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	1.27%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>51.86</b>			<b>52.58</b>	<b>0.72</b>	<b>1.39%</b>	<b>95.24%</b>
HST		0.13	6.74		0.13	6.83	0.09	1.39%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>58.60</b>			<b>59.41</b>	<b>0.81</b>	<b>1.39%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-4.15		-0.08	-4.21	-0.06	1.39%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>54.45</b>			<b>55.20</b>	<b>0.76</b>	<b>1.39%</b>	<b>100.00%</b>

**2019 Bill Impacts (Typical Consumption Level)**

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Rate Class	USL
Monthly Consumption (kWh)	364
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	397
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	364	0.103	37.49	364	0.103	37.49	0.00	0.00%	37.07%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>37.49</b>			<b>37.49</b>	<b>0.00</b>	<b>0.00%</b>	<b>37.07%</b>
Service Charge	1	35.1	35.10	1	35.76	35.76	0.66	1.88%	35.35%
Fixed Deferral/Variance Account Rider	1	-0.010	-0.01	1	-0.010	-0.01	0.00	0.00%	-0.01%
Distribution Volumetric Rate	364	0.0287	10.45	364	0.0293	10.67	0.22	2.09%	10.54%
Volumetric Deferral/Variance Account Rider (including CBR Class)	364	0.0002	0.07	364	0.0002	0.07	0.00	0.00%	0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>45.61</b>			<b>46.49</b>	<b>0.88</b>	<b>1.93%</b>	<b>45.96%</b>
Line Losses on Cost of Power	33	0.10	3.45	33	0.10	3.45	0.00	0.00%	3.41%
<b>Sub-Total: Distribution</b>			<b>49.06</b>			<b>49.94</b>	<b>0.88</b>	<b>1.79%</b>	<b>49.37%</b>
Retail Transmission Rate – Network Service Rate	397	0.00477	1.90	397	0.0048	1.90	0.00	0.00%	1.87%
Retail Transmission Rate – Line and Transformation Connection S	397	0.003795	1.51	397	0.0038	1.51	0.00	0.00%	1.49%
<b>Sub-Total: Retail Transmission</b>			<b>3.40</b>			<b>3.40</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.37%</b>
<b>Sub-Total: Delivery</b>			<b>52.46</b>			<b>53.34</b>	<b>0.88</b>	<b>1.67%</b>	<b>52.73%</b>
Wholesale Market Service Rate	397	0.0036	1.43	397	0.0036	1.43	0.00	0.00%	1.41%
Rural Rate Protection Charge	397	0.0021	0.83	397	0.0021	0.83	0.00	0.00%	0.83%
Ontario Electricity Support Program Charge	397	0.0011	0.44	397	0.0011	0.44	0.00	0.00%	0.43%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.25%
<b>Sub-Total: Regulatory</b>			<b>2.95</b>			<b>2.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.92%</b>
Debt Retirement Charge (DRC)	364	0.007	2.55	364	0.007	2.55	0.00	0.00%	2.52%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>95.46</b>			<b>96.33</b>	<b>0.88</b>	<b>0.92%</b>	<b>95.24%</b>
HST		0.13	12.41		0.13	12.52	0.11	0.92%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>107.87</b>			<b>108.86</b>	<b>0.99</b>	<b>0.92%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-7.64		-0.08	-7.71	-0.07	0.92%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>100.23</b>			<b>101.15</b>	<b>0.92</b>	<b>0.92%</b>	<b>100.00%</b>

**2019 Bill Impacts (High Consumption Level)**

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Rate Class	USL
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	1092
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	35.39%
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	13.86%
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>49.24%</b>
Service Charge	1	35.1	35.10	1	35.76	35.76	0.66	1.88%	16.38%
Fixed Deferral/Variance Account Rider	1	-0.010	-0.01	1	-0.010	-0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	1,000	0.0287	28.70	1,000	0.0293	29.30	0.60	2.09%	13.42%
Volumetric Deferral/Variance Account Rider (including CBR Class)	1,000	0.0002	0.20	1,000	0.0002	0.20	0.00	0.00%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>63.99</b>			<b>65.25</b>	<b>1.26</b>	<b>1.97%</b>	<b>29.89%</b>
Line Losses on Cost of Power	92	0.12	11.13	92	0.12	11.13	0.00	0.00%	5.10%
<b>Sub-Total: Distribution</b>			<b>75.12</b>			<b>76.38</b>	<b>1.26</b>	<b>1.68%</b>	<b>34.99%</b>
Retail Transmission Rate – Network Service Rate	1,092	0.00477	5.21	1,092	0.0048	5.21	0.00	0.00%	2.39%
Retail Transmission Rate – Line and Transformation Connection S	1,092	0.003795	4.14	1,092	0.0038	4.14	0.00	0.00%	1.90%
<b>Sub-Total: Retail Transmission</b>			<b>9.35</b>			<b>9.35</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.28%</b>
<b>Sub-Total: Delivery</b>			<b>84.47</b>			<b>85.73</b>	<b>1.26</b>	<b>1.49%</b>	<b>39.27%</b>
Wholesale Market Service Rate	1,092	0.0036	3.93	1,092	0.0036	3.93	0.00	0.00%	1.80%
Rural Rate Protection Charge	1,092	0.0021	2.29	1,092	0.0021	2.29	0.00	0.00%	1.05%
Ontario Electricity Support Program Charge	1,092	0.0011	1.20	1,092	0.0011	1.20	0.00	0.00%	0.55%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.11%
<b>Sub-Total: Regulatory</b>			<b>7.68</b>			<b>7.68</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.52%</b>
Debt Retirement Charge (DRC)	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	3.21%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>206.65</b>			<b>207.91</b>	<b>1.26</b>	<b>0.61%</b>	<b>95.24%</b>
HST		0.13	26.86		0.13	27.03	0.16	0.61%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>233.52</b>			<b>234.94</b>	<b>1.42</b>	<b>0.61%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-16.53		-0.08	-16.63	-0.10	0.61%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>216.98</b>			<b>218.31</b>	<b>1.32</b>	<b>0.61%</b>	<b>100.00%</b>

**2019 Bill Impacts (Low Consumption Level)**

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Rate Class	Sen Lgt
Monthly Consumption (kWh)	20
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	21.84
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	20	0.103	2.06	20	0.103	2.06	0.00	0.00%	22.49%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>2.06</b>			<b>2.06</b>	<b>0.00</b>	<b>0.00%</b>	<b>22.49%</b>
Service Charge	1	3.10	3.10	1	3.26	3.26	0.16	5.16%	35.59%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	20	0.1180	2.36	20	0.1239	2.48	0.12	5.00%	27.05%
Volumetric Deferral/Variance Account Rider (including CBR Class)	20	0.0001	0.00	20	0.0001	0.00	0.00	0.00%	0.02%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>5.46</b>			<b>5.74</b>	<b>0.28</b>	<b>5.09%</b>	<b>62.66%</b>
Line Losses on Cost of Power	2	0.10	0.19	2	0.10	0.19	0.00	0.00%	2.07%
<b>Sub-Total: Distribution</b>			<b>5.65</b>			<b>5.93</b>	<b>0.28</b>	<b>4.92%</b>	<b>64.73%</b>
Retail Transmission Rate – Network Service Rate	22	0.0047	0.10	22	0.0047	0.10	0.00	0.00%	1.12%
Retail Transmission Rate – Line and Transformation Connection S	22	0.0043	0.09	22	0.0043	0.09	0.00	0.00%	1.02%
<b>Sub-Total: Retail Transmission</b>			<b>0.20</b>			<b>0.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.14%</b>
<b>Sub-Total: Delivery</b>			<b>5.85</b>			<b>6.13</b>	<b>0.28</b>	<b>4.75%</b>	<b>66.87%</b>
Wholesale Market Service Rate	22	0.0036	0.08	22	0.0036	0.08	0.00	0.00%	0.86%
Rural Rate Protection Charge	22	0.0021	0.05	22	0.0021	0.05	0.00	0.00%	0.50%
Ontario Electricity Support Program Charge	22	0.0011	0.02	22	0.0011	0.02	0.00	0.00%	0.26%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	2.73%
<b>Sub-Total: Regulatory</b>			<b>0.40</b>			<b>0.40</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.35%</b>
Debt Retirement Charge (DRC)	20	0.007	0.14	20	0.007	0.14	0.00	0.00%	1.53%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>8.45</b>			<b>8.72</b>	<b>0.28</b>	<b>3.29%</b>	<b>95.24%</b>
HST			0.13		0.13	1.13	0.04	3.29%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>9.54</b>			<b>9.86</b>	<b>0.31</b>	<b>3.29%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)			-0.08		-0.08	-0.70	-0.02	3.29%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>8.87</b>			<b>9.16</b>	<b>0.29</b>	<b>3.29%</b>	<b>100.00%</b>

**2019 Bill Impacts (Typical Consumption Level)**

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Rate Class	Sen Lgt
Monthly Consumption (kWh)	71
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	78
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	71	0.103	7.31	71	0.103	7.31	0.00	0.00%	31.63%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>7.31</b>			<b>7.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>31.63%</b>
Service Charge	1	3.10	3.10	1	3.26	3.26	0.16	5.16%	14.10%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	71	0.1180	8.38	71	0.1239	8.80	0.42	5.00%	38.05%
Volumetric Deferral/Variance Account Rider (including CBR Class	71	0.0001	0.01	71	0.0001	0.01	0.00	0.00%	0.03%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>11.49</b>			<b>12.06</b>	<b>0.58</b>	<b>5.04%</b>	<b>52.18%</b>
Line Losses on Cost of Power	7	0.10	0.67	7	0.10	0.67	0.00	0.00%	2.91%
<b>Sub-Total: Distribution</b>			<b>12.16</b>			<b>12.74</b>	<b>0.58</b>	<b>4.76%</b>	<b>55.09%</b>
Retail Transmission Rate – Network Service Rate	78	0.0047	0.36	78	0.0047	0.36	0.00	0.00%	1.58%
Retail Transmission Rate – Line and Transformation Connection S	78	0.0043	0.33	78	0.0043	0.33	0.00	0.00%	1.44%
<b>Sub-Total: Retail Transmission</b>			<b>0.70</b>			<b>0.70</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.01%</b>
<b>Sub-Total: Delivery</b>			<b>12.85</b>			<b>13.43</b>	<b>0.58</b>	<b>4.50%</b>	<b>58.10%</b>
Wholesale Market Service Rate	78	0.0036	0.28	78	0.0036	0.28	0.00	0.00%	1.21%
Rural Rate Protection Charge	78	0.0021	0.16	78	0.0021	0.16	0.00	0.00%	0.70%
Ontario Electricity Support Program Charge	78	0.0011	0.09	78	0.0011	0.09	0.00	0.00%	0.37%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	1.08%
<b>Sub-Total: Regulatory</b>			<b>0.78</b>			<b>0.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.36%</b>
Debt Retirement Charge (DRC)	71	0.007	0.50	71	0.007	0.50	0.00	0.00%	2.15%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>21.44</b>			<b>22.02</b>	<b>0.58</b>	<b>2.70%</b>	<b>95.24%</b>
HST		0.13	2.79		0.13	2.86	0.08	2.70%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>24.23</b>			<b>24.88</b>	<b>0.65</b>	<b>2.70%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-1.72		-0.08	-1.76	-0.05	2.70%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>22.51</b>			<b>23.12</b>	<b>0.61</b>	<b>2.70%</b>	<b>100.00%</b>

**2019 Bill Impacts (High Consumption Level)**

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Rate Class	Sen Lgt
Monthly Consumption (kWh)	200
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	218.4
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	200	0.103	20.60	200	0.103	20.60	0.00	0.00%	35.25%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>20.60</b>			<b>20.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>35.25%</b>
Service Charge	1	3.10	3.10	1	3.26	3.26	0.16	5.16%	5.58%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	200	0.1180	23.60	200	0.1239	24.78	1.18	5.00%	42.41%
Volumetric Deferral/Variance Account Rider (including CBR Class)	200	0.0001	0.02	200	0.0001	0.02	0.00	0.00%	0.03%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>26.72</b>			<b>28.06</b>	<b>1.34</b>	<b>5.01%</b>	<b>48.02%</b>
Line Losses on Cost of Power	18	0.10	1.90	18	0.10	1.90	0.00	0.00%	3.24%
<b>Sub-Total: Distribution</b>			<b>28.62</b>			<b>29.96</b>	<b>1.34</b>	<b>4.68%</b>	<b>51.26%</b>
Retail Transmission Rate – Network Service Rate	218	0.0047	1.03	218	0.0047	1.03	0.00	0.00%	1.76%
Retail Transmission Rate – Line and Transformation Connection S	218	0.0043	0.94	218	0.0043	0.94	0.00	0.00%	1.60%
<b>Sub-Total: Retail Transmission</b>			<b>1.96</b>			<b>1.96</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.36%</b>
<b>Sub-Total: Delivery</b>			<b>30.58</b>			<b>31.92</b>	<b>1.34</b>	<b>4.38%</b>	<b>54.62%</b>
Wholesale Market Service Rate	218	0.0036	0.79	218	0.0036	0.79	0.00	0.00%	1.35%
Rural Rate Protection Charge	218	0.0021	0.46	218	0.0021	0.46	0.00	0.00%	0.78%
Ontario Electricity Support Program Charge	218	0.0011	0.24	218	0.0011	0.24	0.00	0.00%	0.41%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.43%
<b>Sub-Total: Regulatory</b>			<b>1.74</b>			<b>1.74</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.97%</b>
Debt Retirement Charge (DRC)	200	0.007	1.40	200	0.007	1.40	0.00	0.00%	2.40%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>54.31</b>			<b>55.65</b>	<b>1.34</b>	<b>2.47%</b>	<b>95.24%</b>
HST		0.13	7.06		0.13	7.23	0.17	2.47%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>61.37</b>			<b>62.89</b>	<b>1.51</b>	<b>2.47%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-4.35		-0.08	-4.45	-0.11	2.47%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>57.03</b>			<b>58.44</b>	<b>1.41</b>	<b>2.47%</b>	<b>100.00%</b>

**2019 Bill Impacts (Low Consumption Level)**

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Rate Class	St Lgt
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	109
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	100	0.103	10.30	100	0.103	10.30	0.00	0.00%	34.69%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>10.30</b>			<b>10.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>34.69%</b>
Service Charge	1	4.08	4.08	1	4.21	4.21	0.13	3.19%	14.18%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	100	0.0980	9.80	100	0.1013	10.13	0.33	3.37%	34.11%
Volumetric Deferral/Variance Account Rider (including CBR Class)	100	0.0002	0.02	100	0.0002	0.02	0.00	0.00%	0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>13.90</b>			<b>14.36</b>	<b>0.46</b>	<b>3.31%</b>	<b>48.36%</b>
Line Losses on Cost of Power	9	0.10	0.95	9	0.10	0.95	0.00	0.00%	3.19%
<b>Sub-Total: Distribution</b>			<b>14.85</b>			<b>15.31</b>	<b>0.46</b>	<b>3.10%</b>	<b>51.55%</b>
Retail Transmission Rate – Network Service Rate	109	0.004698	0.51	109	0.0047	0.51	0.00	0.00%	1.73%
Retail Transmission Rate – Line and Transformation Connection S	109	0.00429	0.47	109	0.0043	0.47	0.00	0.00%	1.58%
<b>Sub-Total: Retail Transmission</b>			<b>0.98</b>			<b>0.98</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.31%</b>
<b>Sub-Total: Delivery</b>			<b>15.83</b>			<b>16.29</b>	<b>0.46</b>	<b>2.91%</b>	<b>54.85%</b>
Wholesale Market Service Rate	109	0.0036	0.39	109	0.0036	0.39	0.00	0.00%	1.32%
Rural Rate Protection Charge	109	0.0021	0.23	109	0.0021	0.23	0.00	0.00%	0.77%
Ontario Electricity Support Program Charge	109	0.0011	0.12	109	0.0011	0.12	0.00	0.00%	0.40%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.84%
<b>Sub-Total: Regulatory</b>			<b>0.99</b>			<b>0.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.34%</b>
Debt Retirement Charge (DRC)	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	2.36%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>27.82</b>			<b>28.28</b>	<b>0.46</b>	<b>1.65%</b>	<b>95.24%</b>
HST		0.13	3.62		0.13	3.68	0.06	1.65%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>31.44</b>			<b>31.96</b>	<b>0.52</b>	<b>1.65%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-2.23		-0.08	-2.26	-0.04	1.65%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>29.21</b>			<b>29.70</b>	<b>0.48</b>	<b>1.65%</b>	<b>100.00%</b>

**2019 Bill Impacts (Typical Consumption Level)**

Filed: 2017-03-31  
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Rate Class	St Lgt
Monthly Consumption (kWh)	517
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	565
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	517	0.103	53.25	517	0.103	53.25	0.00	0.00%	39.88%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>53.25</b>			<b>53.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>39.88%</b>
Service Charge	1	4.08	4.08	1	4.21	4.21	0.13	3.19%	3.15%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	517	0.0980	50.67	517	0.1013	52.37	1.71	3.37%	39.22%
Volumetric Deferral/Variance Account Rider (including CBR Class)	517	0.0002	0.10	517	0.0002	0.10	0.00	0.00%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>54.85</b>			<b>56.69</b>	<b>1.84</b>	<b>3.35%</b>	<b>42.45%</b>
Line Losses on Cost of Power	48	0.10	4.90	48	0.10	4.90	0.00	0.00%	3.67%
<b>Sub-Total: Distribution</b>			<b>59.75</b>			<b>61.58</b>	<b>1.84</b>	<b>3.07%</b>	<b>46.12%</b>
Retail Transmission Rate – Network Service Rate	565	0.004698	2.65	565	0.0047	2.65	0.00	0.00%	1.99%
Retail Transmission Rate – Line and Transformation Connection S	565	0.00429	2.42	565	0.0043	2.42	0.00	0.00%	1.81%
<b>Sub-Total: Retail Transmission</b>			<b>5.07</b>			<b>5.07</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.80%</b>
<b>Sub-Total: Delivery</b>			<b>64.82</b>			<b>66.66</b>	<b>1.84</b>	<b>2.83%</b>	<b>49.92%</b>
Wholesale Market Service Rate	565	0.0036	2.03	565	0.0036	2.03	0.00	0.00%	1.52%
Rural Rate Protection Charge	565	0.0013	0.73	565	0.0013	0.73	0.00	0.00%	0.55%
Ontario Electricity Support Program Charge	565	0.0011	0.62	565	0.0011	0.62	0.00	0.00%	0.47%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.19%
<b>Sub-Total: Regulatory</b>			<b>3.64</b>			<b>3.64</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.72%</b>
<b>Debt Retirement Charge (DRC)</b>	517	0.007	<b>3.62</b>	517	0.007	<b>3.62</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.71%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>125.33</b>			<b>127.17</b>	<b>1.84</b>	<b>1.47%</b>	<b>95.24%</b>
HST		0.13	16.29		0.13	16.53	0.24	1.47%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>141.62</b>			<b>143.70</b>	<b>2.07</b>	<b>1.47%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		-0.08	-10.03		-0.08	-10.17	-0.15	1.47%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>131.60</b>			<b>133.52</b>	<b>1.93</b>	<b>1.47%</b>	<b>100.00%</b>

**2019 Bill Impacts (High Consumption Level)**

Filed: 2017-03-31  
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Rate Class	St Lgt
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2184
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	14.52%
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	28.43%
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>42.95%</b>
Service Charge	1	4.08	4.08	1	4.21	4.21	0.13	3.19%	0.79%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	2,000	0.0980	196.00	2,000	0.1013	202.60	6.60	3.37%	38.08%
Volumetric Deferral/Variance Account Rider (including CBR Class	2,000	0.0002	0.40	2,000	0.0002	0.40	0.00	0.00%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>200.48</b>			<b>207.21</b>	<b>6.73</b>	<b>3.36%</b>	<b>38.95%</b>
Line Losses on Cost of Power	184	0.12	22.26	184	0.12	22.26	0.00	0.00%	4.18%
<b>Sub-Total: Distribution</b>			<b>222.74</b>			<b>229.47</b>	<b>6.73</b>	<b>3.02%</b>	<b>43.13%</b>
Retail Transmission Rate – Network Service Rate	2,184	0.004698	10.26	2,184	0.0047	10.26	0.00	0.00%	1.93%
Retail Transmission Rate – Line and Transformation Connection S	2,184	0.00429	9.37	2,184	0.0043	9.37	0.00	0.00%	1.76%
<b>Sub-Total: Retail Transmission</b>			<b>19.63</b>			<b>19.63</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.69%</b>
<b>Sub-Total: Delivery</b>			<b>242.37</b>			<b>249.10</b>	<b>6.73</b>	<b>2.78%</b>	<b>46.82%</b>
Wholesale Market Service Rate	2,184	0.0036	7.86	2,184	0.0036	7.86	0.00	0.00%	1.48%
Rural Rate Protection Charge	2,184	0.0021	4.59	2,184	0.0021	4.59	0.00	0.00%	0.86%
Ontario Electricity Support Program Charge	2,184	0.0011	2.40	2,184	0.0011	2.40	0.00	0.00%	0.45%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%
<b>Sub-Total: Regulatory</b>			<b>15.10</b>			<b>15.10</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.84%</b>
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	2.63%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>499.97</b>			<b>506.70</b>	<b>6.73</b>	<b>1.35%</b>	<b>95.24%</b>
HST		0.13	65.00		0.13	65.87	0.87	1.35%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>564.97</b>			<b>572.58</b>	<b>7.60</b>	<b>1.35%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-40.00		-0.08	-40.54	-0.54	1.35%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>524.97</b>			<b>532.04</b>	<b>7.07</b>	<b>1.35%</b>	<b>100.00%</b>

**2020 Bill Impacts (Low Consumption Level)**

Filed: 2017-03-31  
 EB-2017-0049  
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Rate Class	UR
Monthly Consumption (kWh)	350
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	370
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	350	0.103	36.05	350	0.103	36.05	0.00	0.00%	41.42%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.05</b>			<b>36.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>41.42%</b>	
TOU-Off Peak	228	0.087	19.79	228	0.087	19.79	0.00	0.00%		21.92%
TOU-Mid Peak	60	0.132	7.85	60	0.132	7.85	0.00	0.00%		8.70%
TOU-On Peak	63	0.180	11.34	63	0.180	11.34	0.00	0.00%		12.56%
<b>Sub-Total: Energy (TOU)</b>			<b>38.99</b>			<b>38.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>44.79%</b>	<b>43.17%</b>
Service Charge	1	31.30	31.30	1	35.88	35.88	4.58	14.63%	41.22%	39.73%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.01%	0.01%
Distribution Volumetric Rate	350	0.0047	1.65	350	0.0000	0.00	-1.65	-100.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	350	0.0002	0.07	350	0.0002	0.07	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>33.03</b>			<b>35.96</b>	<b>2.94</b>	<b>8.89%</b>	<b>41.31%</b>	<b>39.82%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.91%	0.87%
Line Losses on Cost of Power (based on two-tier RPP prices)	20	0.10	2.05	20	0.10	2.05	0.00	0.00%	2.36%	2.28%
Line Losses on Cost of Power (based on TOU prices)	20	0.11	2.22	20	0.11	2.22	0.00	0.00%	2.55%	2.46%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>35.87</b>			<b>38.80</b>	<b>2.94</b>	<b>8.18%</b>	<b>44.58%</b>	<b>42.97%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>36.04</b>			<b>38.97</b>	<b>2.94</b>	<b>8.14%</b>	<b>44.77%</b>	<b>43.16%</b>
Retail Transmission Rate – Network Service Rate	370	0.0078	2.90	370	0.0078	2.90	0.00	0.00%	3.33%	3.21%
Retail Transmission Rate – Line and Transformation Connection Service Rate	370	0.0064	2.38	370	0.0064	2.38	0.00	0.00%	2.74%	2.64%
<b>Sub-Total: Retail Transmission</b>			<b>5.28</b>			<b>5.28</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.06%</b>	<b>5.84%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>41.15</b>			<b>44.08</b>	<b>2.93</b>	<b>7.13%</b>	<b>50.64%</b>	<b>48.82%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>41.31</b>			<b>44.25</b>	<b>2.94</b>	<b>7.10%</b>	<b>50.84%</b>	<b>49.00%</b>
Wholesale Market Service Rate	370	0.0036	1.33	370	0.0036	1.33	0.00	0.00%	1.53%	1.47%
Rural Rate Protection Charge	370	0.0021	0.78	370	0.0021	0.78	0.00	0.00%	0.89%	0.86%
Ontario Electricity Support Program Charge	370	0.0011	0.41	370	0.0011	0.41	0.00	0.00%	0.47%	0.45%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.29%	0.28%
<b>Sub-Total: Regulatory</b>			<b>2.77</b>			<b>2.77</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.18%</b>	<b>3.06%</b>
<b>Debt Retirement Charge (DRC)</b>	350	0.000	<b>0.00</b>	350	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>79.96</b>			<b>82.90</b>	<b>2.93</b>	<b>3.67%</b>	<b>95.24%</b>	
HST		0.13	10.40		0.13	10.78	0.38	3.67%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>90.36</b>			<b>93.67</b>	<b>3.32</b>	<b>3.67%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-6.40		-0.08	-6.63	-0.23	3.67%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>83.96</b>			<b>87.04</b>	<b>3.08</b>	<b>3.67%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>83.07</b>			<b>86.00</b>	<b>2.93</b>	<b>3.53%</b>		<b>95.24%</b>
HST		0.13	10.80		0.13	11.18	0.38	3.53%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>93.87</b>			<b>97.18</b>	<b>3.32</b>	<b>3.53%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-6.65		-0.08	-6.88	-0.23	3.53%	-7.62%	
<b>Total Amount on TOU</b>			<b>87.22</b>			<b>90.30</b>	<b>3.08</b>	<b>3.53%</b>		<b>100.00%</b>

**2020 Bill Impacts (Typical Consumption Level)**

Filed: 2017-03-31  
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Rate Class	UR
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	793
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	42.37%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	12.44%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.82%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		28.43%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		11.28%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		16.29%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.28%</b>	<b>56.00%</b>
Service Charge	1	31.3	31.30	1	35.88	35.88	4.58	14.63%	24.60%	24.05%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.01%	0.01%
Distribution Volumetric Rate	750	0.0047	3.53	750	0	0.00	-3.53	-100.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	750	0.0002	0.15	750	0.0002	0.15	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>34.99</b>			<b>36.04</b>	<b>1.06</b>	<b>3.02%</b>	<b>24.71%</b>	<b>24.16%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.54%	0.53%
Line Losses on Cost of Power (based on two-tier RPP prices)	43	0.12	5.17	43	0.12	5.17	0.00	0.00%	3.55%	3.47%
Line Losses on Cost of Power (based on TOU prices)	43	0.11	4.76	43	0.11	4.76	0.00	0.00%	3.26%	3.19%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>40.95</b>			<b>42.00</b>	<b>1.06</b>	<b>2.58%</b>	<b>28.80%</b>	<b>28.15%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>40.54</b>			<b>41.59</b>	<b>1.06</b>	<b>2.60%</b>	<b>28.52%</b>	<b>27.88%</b>
Retail Transmission Rate – Network Service Rate	793	0.0078	6.21	793	0.0078	6.21	0.00	0.00%	4.25%	4.16%
Retail Transmission Rate – Line and Transformation Connection Service Rate	793	0.0064	5.10	793	0.0064	5.10	0.00	0.00%	3.50%	3.42%
<b>Sub-Total: Retail Transmission</b>			<b>11.31</b>			<b>11.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.75%</b>	<b>7.58%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>52.26</b>			<b>53.31</b>	<b>1.06</b>	<b>2.02%</b>	<b>36.55%</b>	<b>35.73%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>51.85</b>			<b>52.90</b>	<b>1.05</b>	<b>2.03%</b>	<b>36.27%</b>	<b>35.46%</b>
Wholesale Market Service Rate	793	0.0036	2.85	793	0.0036	2.85	0.00	0.00%	1.96%	1.91%
Rural Rate Protection Charge	793	0.0021	1.66	793	0.0021	1.66	0.00	0.00%	1.14%	1.12%
Ontario Electricity Support Program Charge	793	0.0011	0.87	793	0.0011	0.87	0.00	0.00%	0.60%	0.58%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.17%	0.17%
<b>Sub-Total: Regulatory</b>			<b>5.64</b>			<b>5.64</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.87%</b>	<b>3.78%</b>
<b>Debt Retirement Charge (DRC)</b>	750	0.000	<b>0.00</b>	750	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>137.85</b>			<b>138.90</b>	<b>1.05</b>	<b>0.77%</b>	<b>95.24%</b>	
HST		0.13	17.92		0.13	18.06	0.14	0.77%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>155.77</b>			<b>156.96</b>	<b>1.19</b>	<b>0.77%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-11.03		-0.08	-11.11	-0.08	0.77%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>144.74</b>			<b>145.85</b>	<b>1.11</b>	<b>0.77%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>141.03</b>			<b>142.08</b>	<b>1.06</b>	<b>0.75%</b>		<b>95.24%</b>
HST		0.13	18.33		0.13	18.47	0.14	0.75%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>159.36</b>			<b>160.56</b>	<b>1.19</b>	<b>0.75%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-11.28		-0.08	-11.37	-0.08	0.75%	-7.62%	
<b>Total Amount on TOU</b>			<b>148.08</b>			<b>149.19</b>	<b>1.11</b>	<b>0.75%</b>		<b>100.00%</b>

**2020 Bill Impacts (Average Consumption Level)**

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Rate Class	UR
Monthly Consumption (kWh)	755
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	798
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	42.14%	
Energy Second Tier (kWh)	155	0.121	18.76	155	0.121	18.76	0.00	0.00%	12.79%	
<b>Sub-Total: Energy (RPP)</b>			<b>80.56</b>			<b>80.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.93%</b>	
TOU-Off Peak	491	0.087	42.70	491	0.087	42.70	0.00	0.00%		28.48%
TOU-Mid Peak	128	0.132	16.94	128	0.132	16.94	0.00	0.00%		11.30%
TOU-On Peak	136	0.180	24.46	136	0.180	24.46	0.00	0.00%		16.32%
<b>Sub-Total: Energy (TOU)</b>			<b>84.10</b>			<b>84.10</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.35%</b>	<b>56.09%</b>
Service Charge	1	31.3	31.30	1	35.88	35.88	4.58	14.63%	24.47%	23.93%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.01%	0.01%
Distribution Volumetric Rate	755	0.0047	3.55	755	0	0.00	-3.55	-100.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	755	0.0002	0.15	755	0.0002	0.15	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>35.01</b>			<b>36.04</b>	<b>1.03</b>	<b>2.95%</b>	<b>24.58%</b>	<b>24.04%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.54%	0.53%
Line Losses on Cost of Power (based on two-tier RPP prices)	43	0.12	5.21	43	0.12	5.21	0.00	0.00%	3.55%	3.47%
Line Losses on Cost of Power (based on TOU prices)	43	0.11	4.79	43	0.11	4.79	0.00	0.00%	3.27%	3.20%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>41.01</b>			<b>42.04</b>	<b>1.03</b>	<b>2.52%</b>	<b>28.67%</b>	<b>28.04%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>40.59</b>			<b>41.62</b>	<b>1.03</b>	<b>2.54%</b>	<b>28.39%</b>	<b>27.76%</b>
Retail Transmission Rate – Network Service Rate	798	0.0078	6.25	798	0.0078	6.25	0.00	0.00%	4.26%	4.17%
Retail Transmission Rate – Line and Transformation Connection Service Rate	798	0.0064	5.14	798	0.0064	5.14	0.00	0.00%	3.50%	3.43%
<b>Sub-Total: Retail Transmission</b>			<b>11.38</b>			<b>11.38</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.76%</b>	<b>7.59%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>52.39</b>			<b>53.42</b>	<b>1.03</b>	<b>1.97%</b>	<b>36.43%</b>	<b>35.63%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>51.98</b>			<b>53.01</b>	<b>1.03</b>	<b>1.98%</b>	<b>36.15%</b>	<b>35.36%</b>
Wholesale Market Service Rate	798	0.0036	2.87	798	0.0036	2.87	0.00	0.00%	1.96%	1.92%
Rural Rate Protection Charge	798	0.0021	1.68	798	0.0021	1.68	0.00	0.00%	1.14%	1.12%
Ontario Electricity Support Program Charge	798	0.0011	0.88	798	0.0011	0.88	0.00	0.00%	0.60%	0.59%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.17%	0.17%
<b>Sub-Total: Regulatory</b>			<b>5.68</b>			<b>5.68</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.87%</b>	<b>3.79%</b>
<b>Debt Retirement Charge (DRC)</b>	755	0.000	<b>0.00</b>	755	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>138.62</b>			<b>139.65</b>	<b>1.03</b>	<b>0.74%</b>	<b>95.24%</b>	
HST		0.13	18.02		0.13	18.16	0.13	0.74%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>156.64</b>			<b>157.81</b>	<b>1.17</b>	<b>0.74%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-11.09		-0.08	-11.17	-0.08	0.74%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>145.55</b>			<b>146.64</b>	<b>1.08</b>	<b>0.74%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>141.75</b>			<b>142.79</b>	<b>1.03</b>	<b>0.73%</b>		<b>95.24%</b>
HST		0.13	18.43		0.13	18.56	0.13	0.73%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>160.18</b>			<b>161.35</b>	<b>1.17</b>	<b>0.73%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-11.34		-0.08	-11.42	-0.08	0.73%		-7.62%
<b>Total Amount on TOU</b>			<b>148.84</b>			<b>149.92</b>	<b>1.08</b>	<b>0.73%</b>		<b>100.00%</b>

**2020 Bill Impacts (High Consumption Level)**

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Rate Class	UR
Monthly Consumption (kWh)	1400
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1480
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	24.87%	
Energy Second Tier (kWh)	800	0.121	96.80	800	0.121	96.80	0.00	0.00%	38.96%	
<b>Sub-Total: Energy (RPP)</b>			<b>158.60</b>			<b>158.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>63.83%</b>	
TOU-Off Peak	910	0.087	79.17	910	0.087	79.17	0.00	0.00%		32.33%
TOU-Mid Peak	238	0.132	31.42	238	0.132	31.42	0.00	0.00%		12.83%
TOU-On Peak	252	0.180	45.36	252	0.180	45.36	0.00	0.00%		18.52%
<b>Sub-Total: Energy (TOU)</b>			<b>155.95</b>			<b>155.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>62.76%</b>	<b>63.68%</b>
Service Charge	1	31.3	31.30	1	35.88	35.88	4.58	14.63%	14.44%	14.65%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,400	0.0047	6.58	1,400	0	0.00	-6.58	-100.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,400	0.0002	0.28	1,400	0.0002	0.28	0.00	0.00%	0.11%	0.11%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>38.17</b>			<b>36.17</b>	<b>-2.00</b>	<b>-5.24%</b>	<b>14.56%</b>	<b>14.77%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.32%	0.32%
Line Losses on Cost of Power (based on two-tier RPP prices)	80	0.12	9.66	80	0.12	9.66	0.00	0.00%	3.89%	3.94%
Line Losses on Cost of Power (based on TOU prices)	80	0.11	8.89	80	0.11	8.89	0.00	0.00%	3.58%	3.63%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>48.62</b>			<b>46.62</b>	<b>-2.00</b>	<b>-4.11%</b>	<b>18.76%</b>	<b>19.04%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>47.85</b>			<b>45.85</b>	<b>-2.00</b>	<b>-4.18%</b>	<b>18.45%</b>	<b>18.72%</b>
Retail Transmission Rate – Network Service Rate	1,480	0.0078	11.58	1,480	0.0078	11.58	0.00	0.00%	4.66%	4.73%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,480	0.0064	9.53	1,480	0.0064	9.53	0.00	0.00%	3.83%	3.89%
<b>Sub-Total: Retail Transmission</b>			<b>21.11</b>			<b>21.11</b>	<b>0.00</b>	<b>0.00%</b>	<b>8.50%</b>	<b>8.62%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>69.73</b>			<b>67.73</b>	<b>-2.00</b>	<b>-2.87%</b>	<b>27.26%</b>	<b>27.66%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>68.96</b>			<b>66.96</b>	<b>-2.00</b>	<b>-2.90%</b>	<b>26.95%</b>	<b>27.34%</b>
Wholesale Market Service Rate	1,480	0.0036	5.33	1,480	0.0036	5.33	0.00	0.00%	2.14%	2.18%
Rural Rate Protection Charge	1,480	0.0021	3.11	1,480	0.0021	3.11	0.00	0.00%	1.25%	1.27%
Ontario Electricity Support Program Charge	1,480	0.0011	1.63	1,480	0.0011	1.63	0.00	0.00%	0.66%	0.66%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Regulatory</b>			<b>10.31</b>			<b>10.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.15%</b>	<b>4.21%</b>
Debt Retirement Charge (DRC)	1,400	0.000	0.00	1,400	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>238.64</b>			<b>236.64</b>	<b>-2.00</b>	<b>-0.84%</b>	<b>95.24%</b>	
HST		0.13	31.02		0.13	30.76	-0.26	-0.84%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>269.66</b>			<b>267.40</b>	<b>-2.26</b>	<b>-0.84%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-19.09		-0.08	-18.93	0.16	-0.84%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>250.57</b>			<b>248.47</b>	<b>-2.10</b>	<b>-0.84%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>235.22</b>			<b>233.22</b>	<b>-2.00</b>	<b>-0.85%</b>		<b>95.24%</b>
HST		0.13	30.58		0.13	30.32	-0.26	-0.85%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>265.80</b>			<b>263.54</b>	<b>-2.26</b>	<b>-0.85%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-18.82		-0.08	-18.66	0.16	-0.85%		-7.62%
<b>Total Amount on TOU</b>			<b>246.98</b>			<b>244.88</b>	<b>-2.10</b>	<b>-0.85%</b>		<b>100.00%</b>

**2020 Bill Impacts (Low Consumption Level)**

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Rate Class	R1
Monthly Consumption (kWh)	400
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	430
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	400	0.103	41.20	400	0.103	41.20	0.00	0.00%	36.47%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>41.20</b>			<b>41.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>36.47%</b>	
TOU-Off Peak	260	0.087	22.62	260	0.087	22.62	0.00	0.00%		19.37%
TOU-Mid Peak	68	0.132	8.98	68	0.132	8.98	0.00	0.00%		7.69%
TOU-On Peak	72	0.180	12.96	72	0.180	12.96	0.00	0.00%		11.10%
<b>Sub-Total: Energy (TOU)</b>			<b>44.56</b>			<b>44.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>39.44%</b>	<b>38.16%</b>
Service Charge	1	42.25	42.25	1	47.11	47.11	4.86	11.50%	41.70%	40.35%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	400	0.0194	7.76	400	0.016	6.40	-1.36	-17.53%	5.67%	5.48%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	400	0.0002	0.08	400	0.0002	0.08	0.00	0.00%	0.07%	0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>50.09</b>			<b>53.59</b>	<b>3.50</b>	<b>6.99%</b>	<b>47.44%</b>	<b>45.90%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.70%	0.68%
Line Losses on Cost of Power (based on two-tier RPP prices)	30	0.10	3.13	30	0.10	3.13	0.00	0.00%	2.77%	2.68%
Line Losses on Cost of Power (based on TOU prices)	30	0.11	3.39	30	0.11	3.39	0.00	0.00%	3.00%	2.90%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>54.01</b>			<b>57.51</b>	<b>3.50</b>	<b>6.48%</b>	<b>50.91%</b>	<b>49.26%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>54.27</b>			<b>57.77</b>	<b>3.50</b>	<b>6.45%</b>	<b>51.14%</b>	<b>49.48%</b>
Retail Transmission Rate – Network Service Rate	430	0.0072	3.10	430	0.0072	3.10	0.00	0.00%	2.75%	2.66%
Retail Transmission Rate – Line and Transformation Connection Service Rate	430	0.0060	2.60	430	0.0060	2.60	0.00	0.00%	2.30%	2.22%
<b>Sub-Total: Retail Transmission</b>			<b>5.70</b>			<b>5.70</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.04%</b>	<b>4.88%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>59.71</b>			<b>63.21</b>	<b>3.50</b>	<b>5.86%</b>	<b>55.95%</b>	<b>54.14%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>59.96</b>			<b>63.46</b>	<b>3.50</b>	<b>5.84%</b>	<b>56.18%</b>	<b>54.36%</b>
Wholesale Market Service Rate	430	0.0036	1.55	430	0.0036	1.55	0.00	0.00%	1.37%	1.33%
Rural Rate Protection Charge	430	0.0021	0.90	430	0.0021	0.90	0.00	0.00%	0.80%	0.77%
Ontario Electricity Support Program Charge	430	0.0011	0.47	430	0.0011	0.47	0.00	0.00%	0.42%	0.41%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.22%	0.21%
<b>Sub-Total: Regulatory</b>			<b>3.18</b>			<b>3.18</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.81%</b>	<b>2.72%</b>
<b>Debt Retirement Charge (DRC)</b>	400	0.000	<b>0.00</b>	400	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>104.09</b>			<b>107.59</b>	<b>3.50</b>	<b>3.36%</b>	<b>95.24%</b>	
HST		0.13	13.53		0.13	13.99	0.46	3.36%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>117.62</b>			<b>121.57</b>	<b>3.96</b>	<b>3.36%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-8.33		-0.08	-8.61	-0.28	3.36%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>109.29</b>			<b>112.97</b>	<b>3.68</b>	<b>3.36%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>107.70</b>			<b>111.20</b>	<b>3.50</b>	<b>3.25%</b>		<b>95.24%</b>
HST		0.13	14.00		0.13	14.46	0.46	3.25%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>121.70</b>			<b>125.65</b>	<b>3.96</b>	<b>3.25%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-8.62		-0.08	-8.90	-0.28	3.25%	-7.62%	
<b>Total Amount on TOU</b>			<b>113.08</b>			<b>116.76</b>	<b>3.68</b>	<b>3.25%</b>		<b>100.00%</b>

**2020 Bill Impacts (Typical Consumption Level)**

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Rate Class	R1
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	807
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	36.04%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	10.58%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.62%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		24.28%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		9.63%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		13.91%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.72%</b>	<b>47.83%</b>
Service Charge	1	42.25	42.25	1	47.11	47.11	4.86	11.50%	27.47%	26.97%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	750	0.0194	14.55	750	0.016	12.00	-2.55	-17.53%	7.00%	6.87%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	750	0.0002	0.15	750	0.0002	0.15	0.00	0.00%	0.09%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>56.95</b>			<b>59.26</b>	<b>2.31</b>	<b>4.06%</b>	<b>34.56%</b>	<b>33.92%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.46%	0.45%
Line Losses on Cost of Power (based on two-tier RPP prices)	57	0.12	6.90	57	0.12	6.90	0.00	0.00%	4.02%	3.95%
Line Losses on Cost of Power (based on TOU prices)	57	0.11	6.35	57	0.11	6.35	0.00	0.00%	3.70%	3.63%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>64.64</b>			<b>66.95</b>	<b>2.31</b>	<b>3.57%</b>	<b>39.04%</b>	<b>38.33%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>64.09</b>			<b>66.40</b>	<b>2.31</b>	<b>3.60%</b>	<b>38.72%</b>	<b>38.01%</b>
Retail Transmission Rate – Network Service Rate	807	0.0072	5.82	807	0.0072	5.82	0.00	0.00%	3.39%	3.33%
Retail Transmission Rate – Line and Transformation Connection Service Rate	807	0.0060	4.87	807	0.0060	4.87	0.00	0.00%	2.84%	2.79%
<b>Sub-Total: Retail Transmission</b>			<b>10.68</b>			<b>10.68</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.23%</b>	<b>6.12%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>75.32</b>			<b>77.63</b>	<b>2.31</b>	<b>3.07%</b>	<b>45.27%</b>	<b>44.44%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>74.77</b>			<b>77.08</b>	<b>2.31</b>	<b>3.09%</b>	<b>44.95%</b>	<b>44.13%</b>
Wholesale Market Service Rate	807	0.0036	2.91	807	0.0036	2.91	0.00	0.00%	1.69%	1.66%
Rural Rate Protection Charge	807	0.0021	1.69	807	0.0021	1.69	0.00	0.00%	0.99%	0.97%
Ontario Electricity Support Program Charge	807	0.0011	0.89	807	0.0011	0.89	0.00	0.00%	0.52%	0.51%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.15%	0.14%
<b>Sub-Total: Regulatory</b>			<b>5.74</b>			<b>5.74</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.35%</b>	<b>3.28%</b>
<b>Debt Retirement Charge (DRC)</b>	750	0.000	<b>0.00</b>	750	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>161.01</b>			<b>163.32</b>	<b>2.31</b>	<b>1.43%</b>	<b>95.24%</b>	
HST		0.13	20.93		0.13	21.23	0.30	1.43%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>181.94</b>			<b>184.55</b>	<b>2.61</b>	<b>1.43%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-12.88		-0.08	-13.07	-0.18	1.43%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>169.06</b>			<b>171.48</b>	<b>2.43</b>	<b>1.43%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>164.05</b>			<b>166.36</b>	<b>2.31</b>	<b>1.41%</b>		<b>95.24%</b>
HST		0.13	21.33		0.13	21.63	0.30	1.41%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>185.38</b>			<b>187.99</b>	<b>2.61</b>	<b>1.41%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-13.12		-0.08	-13.31	-0.18	1.41%	-7.62%	
<b>Total Amount on TOU</b>			<b>172.26</b>			<b>174.68</b>	<b>2.43</b>	<b>1.41%</b>	<b>100.00%</b>	

**2020 Bill Impacts (Average Consumption Level)**

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Rate Class	R1
Monthly Consumption (kWh)	920
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	990
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	30.68%	
Energy Second Tier (kWh)	320	0.121	38.72	320	0.121	38.72	0.00	0.00%	19.22%	
<b>Sub-Total: Energy (RPP)</b>			<b>100.52</b>			<b>100.52</b>	<b>0.00</b>	<b>0.00%</b>	<b>49.89%</b>	
TOU-Off Peak	598	0.087	52.03	598	0.087	52.03	0.00	0.00%		25.65%
TOU-Mid Peak	156	0.132	20.64	156	0.132	20.64	0.00	0.00%		10.18%
TOU-On Peak	166	0.180	29.81	166	0.180	29.81	0.00	0.00%		14.70%
<b>Sub-Total: Energy (TOU)</b>			<b>102.48</b>			<b>102.48</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.87%</b>	<b>50.53%</b>
Service Charge	1	42.25	42.25	1	47.11	47.11	4.86	11.50%	23.38%	23.23%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	920	0.0194	17.85	920	0.016	14.72	-3.13	-17.53%	7.31%	7.26%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	920	0.0002	0.18	920	0.0002	0.18	0.00	0.00%	0.09%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>60.28</b>			<b>62.01</b>	<b>1.73</b>	<b>2.87%</b>	<b>30.78%</b>	<b>30.58%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.39%	0.39%
Line Losses on Cost of Power (based on two-tier RPP prices)	70	0.12	8.46	70	0.12	8.46	0.00	0.00%	4.20%	4.17%
Line Losses on Cost of Power (based on TOU prices)	70	0.11	7.79	70	0.11	7.79	0.00	0.00%	3.87%	3.84%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>69.53</b>			<b>71.26</b>	<b>1.73</b>	<b>2.49%</b>	<b>35.37%</b>	<b>35.14%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>68.86</b>			<b>70.59</b>	<b>1.73</b>	<b>2.52%</b>	<b>35.04%</b>	<b>34.81%</b>
Retail Transmission Rate – Network Service Rate	990	0.0072	7.13	990	0.0072	7.13	0.00	0.00%	3.54%	3.52%
Retail Transmission Rate – Line and Transformation Connection Service Rate	990	0.0060	5.97	990	0.0060	5.97	0.00	0.00%	2.96%	2.94%
<b>Sub-Total: Retail Transmission</b>			<b>13.11</b>			<b>13.11</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.51%</b>	<b>6.46%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>82.64</b>			<b>84.37</b>	<b>1.73</b>	<b>2.10%</b>	<b>41.88%</b>	<b>41.60%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>81.97</b>			<b>83.70</b>	<b>1.73</b>	<b>2.11%</b>	<b>41.54%</b>	<b>41.27%</b>
Wholesale Market Service Rate	990	0.0036	3.56	990	0.0036	3.56	0.00	0.00%	1.77%	1.76%
Rural Rate Protection Charge	990	0.0021	2.08	990	0.0021	2.08	0.00	0.00%	1.03%	1.02%
Ontario Electricity Support Program Charge	990	0.0011	1.09	990	0.0011	1.09	0.00	0.00%	0.54%	0.54%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.12%	0.12%
<b>Sub-Total: Regulatory</b>			<b>6.98</b>			<b>6.98</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.47%</b>	<b>3.44%</b>
<b>Debt Retirement Charge (DRC)</b>	920	0.000	<b>0.00</b>	920	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>190.14</b>			<b>191.87</b>	<b>1.73</b>	<b>0.91%</b>	<b>95.24%</b>	
HST		0.13	24.72		0.13	24.94	0.23	0.91%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>214.86</b>			<b>216.81</b>	<b>1.96</b>	<b>0.91%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-15.21		-0.08	-15.35	-0.14	0.91%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>199.65</b>			<b>201.46</b>	<b>1.82</b>	<b>0.91%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>191.43</b>			<b>193.16</b>	<b>1.73</b>	<b>0.90%</b>		<b>95.24%</b>
HST		0.13	24.89		0.13	25.11	0.23	0.90%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>216.31</b>			<b>218.27</b>	<b>1.96</b>	<b>0.90%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-15.31		-0.08	-15.45	-0.14	0.90%	-7.62%	
<b>Total Amount on TOU</b>			<b>201.00</b>			<b>202.82</b>	<b>1.82</b>	<b>0.90%</b>		<b>100.00%</b>

**2020 Bill Impacts (High Consumption Level)**

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Rate Class	R1
Monthly Consumption (kWh)	1800
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1937
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	17.33%	
Energy Second Tier (kWh)	1,200	0.121	145.20	1,200	0.121	145.20	0.00	0.00%	40.71%	
<b>Sub-Total: Energy (RPP)</b>			<b>207.00</b>			<b>207.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.04%</b>	
TOU-Off Peak	1,170	0.087	101.79	1,170	0.087	101.79	0.00	0.00%		29.21%
TOU-Mid Peak	306	0.132	40.39	306	0.132	40.39	0.00	0.00%		11.59%
TOU-On Peak	324	0.180	58.32	324	0.180	58.32	0.00	0.00%		16.74%
<b>Sub-Total: Energy (TOU)</b>			<b>200.50</b>			<b>200.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.22%</b>	<b>57.54%</b>
Service Charge	1	42.25	42.25	1	47.11	47.11	4.86	11.50%	13.21%	13.52%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,800	0.0194	34.92	1,800	0.016	28.80	-6.12	-17.53%	8.07%	8.27%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,800	0.0002	0.36	1,800	0.0002	0.36	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>77.53</b>			<b>76.27</b>	<b>-1.26</b>	<b>-1.63%</b>	<b>21.38%</b>	<b>21.89%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.22%	0.23%
Line Losses on Cost of Power (based on two-tier RPP prices)	137	0.12	16.55	137	0.12	16.55	0.00	0.00%	4.64%	4.75%
Line Losses on Cost of Power (based on TOU prices)	137	0.11	15.24	137	0.11	15.24	0.00	0.00%	4.27%	4.37%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>94.87</b>			<b>93.61</b>	<b>-1.26</b>	<b>-1.33%</b>	<b>26.25%</b>	<b>26.87%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>93.56</b>			<b>92.30</b>	<b>-1.26</b>	<b>-1.35%</b>	<b>25.88%</b>	<b>26.49%</b>
Retail Transmission Rate – Network Service Rate	1,937	0.0072	13.96	1,937	0.0072	13.96	0.00	0.00%	3.91%	4.01%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,937	0.0060	11.68	1,937	0.0060	11.68	0.00	0.00%	3.28%	3.35%
<b>Sub-Total: Retail Transmission</b>			<b>25.64</b>			<b>25.64</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.19%</b>	<b>7.36%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>120.51</b>			<b>119.25</b>	<b>-1.26</b>	<b>-1.05%</b>	<b>33.44%</b>	<b>34.22%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>119.20</b>			<b>117.94</b>	<b>-1.26</b>	<b>-1.06%</b>	<b>33.07%</b>	<b>33.85%</b>
Wholesale Market Service Rate	1,937	0.0036	6.97	1,937	0.0036	6.97	0.00	0.00%	1.95%	2.00%
Rural Rate Protection Charge	1,937	0.0021	4.07	1,937	0.0021	4.07	0.00	0.00%	1.14%	1.17%
Ontario Electricity Support Program Charge	1,937	0.0011	2.13	1,937	0.0011	2.13	0.00	0.00%	0.60%	0.61%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.07%	0.07%
<b>Sub-Total: Regulatory</b>			<b>13.42</b>			<b>13.42</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.76%</b>	<b>3.85%</b>
<b>Debt Retirement Charge (DRC)</b>	1,800	0.000	<b>0.00</b>	1,800	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>340.93</b>			<b>339.67</b>	<b>-1.26</b>	<b>-0.37%</b>	<b>95.24%</b>	
HST		0.13	44.32		0.13	44.16	-0.16	-0.37%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>385.26</b>			<b>383.83</b>	<b>-1.42</b>	<b>-0.37%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-27.27		-0.08	-27.17	0.10	-0.37%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>357.98</b>			<b>356.66</b>	<b>-1.32</b>	<b>-0.37%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>333.12</b>			<b>331.86</b>	<b>-1.26</b>	<b>-0.38%</b>		<b>95.24%</b>
HST		0.13	43.31		0.13	43.14	-0.16	-0.38%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>376.43</b>			<b>375.00</b>	<b>-1.42</b>	<b>-0.38%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-26.65		-0.08	-26.55	0.10	-0.38%		-7.62%
<b>Total Amount on TOU</b>			<b>349.78</b>			<b>348.45</b>	<b>-1.32</b>	<b>-0.38%</b>		<b>100.00%</b>

**2020 Bill Impacts (Low Consumption Level)**

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Rate Class	R2
Monthly Consumption (kWh)	450
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	497
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	450	0.103	46.35	450	0.103	46.35	0.00	0.00%	37.36%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>46.35</b>			<b>46.35</b>	<b>0.00</b>	<b>0.00%</b>	<b>37.36%</b>	
TOU-Off Peak	293	0.087	25.45	293	0.087	25.45	0.00	0.00%		19.81%
TOU-Mid Peak	77	0.132	10.10	77	0.132	10.10	0.00	0.00%		7.86%
TOU-On Peak	81	0.180	14.58	81	0.180	14.58	0.00	0.00%		11.35%
<b>Sub-Total: Energy (TOU)</b>			<b>50.13</b>			<b>50.13</b>	<b>0.00</b>	<b>0.00%</b>	<b>40.40%</b>	<b>39.02%</b>
Service Charge (RRRP credit applied)	1	34.22	34.22	1	44.24	44.24	10.02	29.28%	35.66%	34.44%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	-0.02%	-0.02%
Distribution Volumetric Rate	450	0.0322	14.49	450	0.0268	12.06	-2.43	-16.77%	9.72%	9.39%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	450	0.0002	0.09	450	0.0002	0.09	0.00	0.00%	0.07%	0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>48.78</b>			<b>56.37</b>	<b>7.59</b>	<b>15.56%</b>	<b>45.43%</b>	<b>43.89%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.64%	0.62%
Line Losses on Cost of Power (based on two-tier RPP prices)	47	0.10	4.87	47	0.10	4.87	0.00	0.00%	3.92%	3.79%
Line Losses on Cost of Power (based on TOU prices)	47	0.11	5.26	47	0.11	5.26	0.00	0.00%	4.24%	4.10%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>54.44</b>			<b>62.03</b>	<b>7.59</b>	<b>13.94%</b>	<b>49.99%</b>	<b>48.29%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>54.83</b>			<b>62.42</b>	<b>7.59</b>	<b>13.84%</b>	<b>50.31%</b>	<b>48.60%</b>
Retail Transmission Rate – Network Service Rate	497	0.0067	3.35	497	0.0067	3.35	0.00	0.00%	2.70%	2.61%
Retail Transmission Rate – Line and Transformation Connection Service Rate	497	0.0056	2.80	497	0.0056	2.80	0.00	0.00%	2.26%	2.18%
<b>Sub-Total: Retail Transmission</b>			<b>6.15</b>			<b>6.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.96%</b>	<b>4.79%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>60.59</b>			<b>68.18</b>	<b>7.59</b>	<b>12.53%</b>	<b>54.95%</b>	<b>53.08%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>60.98</b>			<b>68.57</b>	<b>7.59</b>	<b>12.45%</b>	<b>55.27%</b>	<b>53.39%</b>
Wholesale Market Service Rate	497	0.0036	1.79	497	0.0036	1.79	0.00	0.00%	1.44%	1.39%
Rural Rate Protection Charge	497	0.0021	1.04	497	0.0021	1.04	0.00	0.00%	0.84%	0.81%
Ontario Electricity Support Program Charge	497	0.0011	0.55	497	0.0011	0.55	0.00	0.00%	0.44%	0.43%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.20%	0.19%
<b>Sub-Total: Regulatory</b>			<b>3.63</b>			<b>3.63</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.93%</b>	<b>2.83%</b>
<b>Debt Retirement Charge (DRC)</b>	450	0.000	<b>0.00</b>	450	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>110.57</b>			<b>118.16</b>	<b>7.59</b>	<b>6.86%</b>	<b>95.24%</b>	
HST		0.13	14.37		0.13	15.36	0.99	6.86%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>124.94</b>			<b>133.52</b>	<b>8.58</b>	<b>6.86%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-8.85		-0.08	-9.45	-0.61	6.86%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>116.10</b>			<b>124.07</b>	<b>7.97</b>	<b>6.86%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>114.74</b>			<b>122.33</b>	<b>7.59</b>	<b>6.61%</b>		<b>95.24%</b>
HST		0.13	14.92		0.13	15.90	0.99	6.61%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>129.66</b>			<b>138.23</b>	<b>8.58</b>	<b>6.61%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-9.18		-0.08	-9.79	-0.61	6.61%		-7.62%
<b>Total Amount on TOU</b>			<b>120.48</b>			<b>128.45</b>	<b>7.97</b>	<b>6.61%</b>		<b>100.00%</b>

**2020 Bill Impacts (Typical Consumption Level)**

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Rate Class	R2
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	829
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	34.44%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	10.12%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>44.56%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		23.25%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		9.23%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		13.32%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.56%</b>	<b>45.80%</b>
Service Charge (RRRP credit applied)	1	34.22	34.22	1	44.24	44.24	10.02	29.28%	24.66%	24.25%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	-0.01%	-0.01%
Distribution Volumetric Rate	750	0.0322	24.15	750	0.0268	20.10	-4.05	-16.77%	11.20%	11.02%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	750	0.0002	0.15	750	0.0002	0.15	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>58.50</b>			<b>64.47</b>	<b>5.97</b>	<b>10.21%</b>	<b>35.93%</b>	<b>35.35%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.44%	0.43%
Line Losses on Cost of Power (based on two-tier RPP prices)	79	0.12	9.53	79	0.12	9.53	0.00	0.00%	5.31%	5.22%
Line Losses on Cost of Power (based on TOU prices)	79	0.11	8.77	79	0.11	8.77	0.00	0.00%	4.89%	4.81%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>68.82</b>			<b>74.79</b>	<b>5.97</b>	<b>8.68%</b>	<b>41.68%</b>	<b>41.00%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>68.06</b>			<b>74.03</b>	<b>5.97</b>	<b>8.77%</b>	<b>41.26%</b>	<b>40.59%</b>
Retail Transmission Rate – Network Service Rate	829	0.0067	5.59	829	0.0067	5.59	0.00	0.00%	3.11%	3.06%
Retail Transmission Rate – Line and Transformation Connection Service Rate	829	0.0056	4.67	829	0.0056	4.67	0.00	0.00%	2.60%	2.56%
<b>Sub-Total: Retail Transmission</b>			<b>10.25</b>			<b>10.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.71%</b>	<b>5.62%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>79.07</b>			<b>85.04</b>	<b>5.97</b>	<b>7.55%</b>	<b>47.40%</b>	<b>46.62%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>78.31</b>			<b>84.28</b>	<b>5.97</b>	<b>7.62%</b>	<b>46.98%</b>	<b>46.21%</b>
Wholesale Market Service Rate	829	0.0036	2.98	829	0.0036	2.98	0.00	0.00%	1.66%	1.64%
Rural Rate Protection Charge	829	0.0021	1.74	829	0.0021	1.74	0.00	0.00%	0.97%	0.95%
Ontario Electricity Support Program Charge	829	0.0011	0.91	829	0.0011	0.91	0.00	0.00%	0.51%	0.50%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.14%	0.14%
<b>Sub-Total: Regulatory</b>			<b>5.89</b>			<b>5.89</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.28%</b>	<b>3.23%</b>
<b>Debt Retirement Charge (DRC)</b>	750	0.000	<b>0.00</b>	750	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>164.91</b>			<b>170.88</b>	<b>5.97</b>	<b>3.62%</b>	<b>95.24%</b>	
HST		0.13	21.44		0.13	22.21	0.78	3.62%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>186.34</b>			<b>193.09</b>	<b>6.75</b>	<b>3.62%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-13.19		-0.08	-13.67	-0.48	3.62%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>173.15</b>			<b>179.42</b>	<b>6.27</b>	<b>3.62%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>167.74</b>			<b>173.71</b>	<b>5.97</b>	<b>3.56%</b>		<b>95.24%</b>
HST		0.13	21.81		0.13	22.58	0.78	3.56%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>189.55</b>			<b>196.29</b>	<b>6.75</b>	<b>3.56%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-13.42		-0.08	-13.90	-0.48	3.56%	-7.62%	
<b>Total Amount on TOU</b>			<b>176.13</b>			<b>182.40</b>	<b>6.27</b>	<b>3.56%</b>		<b>100.00%</b>

**2020 Bill Impacts (Average Consumption Level)**

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Rate Class	R2
Monthly Consumption (kWh)	1152
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1273
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	24.12%	
Energy Second Tier (kWh)	552	0.121	66.79	552	0.121	66.79	0.00	0.00%	26.07%	
<b>Sub-Total: Energy (RPP)</b>			<b>128.59</b>			<b>128.59</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.19%</b>	
TOU-Off Peak	749	0.087	65.15	749	0.087	65.15	0.00	0.00%		25.58%
TOU-Mid Peak	196	0.132	25.85	196	0.132	25.85	0.00	0.00%		10.15%
TOU-On Peak	207	0.180	37.32	207	0.180	37.32	0.00	0.00%		14.66%
<b>Sub-Total: Energy (TOU)</b>			<b>128.32</b>			<b>128.32</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.09%</b>	<b>50.38%</b>
Service Charge (RRRP credit applied)	1	34.22	34.22	1	44.24	44.24	10.02	29.28%	17.27%	17.37%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	-0.01%	-0.01%
Distribution Volumetric Rate	1,152	0.0322	37.09	1,152	0.0268	30.87	-6.22	-16.77%	12.05%	12.12%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,152	0.0002	0.23	1,152	0.0002	0.23	0.00	0.00%	0.09%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>71.52</b>			<b>75.32</b>	<b>3.80</b>	<b>5.31%</b>	<b>29.40%</b>	<b>29.57%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.31%	0.31%
Line Losses on Cost of Power (based on two-tier RPP prices)	121	0.12	14.64	121	0.12	14.64	0.00	0.00%	5.71%	5.75%
Line Losses on Cost of Power (based on TOU prices)	121	0.11	13.47	121	0.11	13.47	0.00	0.00%	5.26%	5.29%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>86.95</b>			<b>90.75</b>	<b>3.80</b>	<b>4.37%</b>	<b>35.42%</b>	<b>35.63%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>85.79</b>			<b>89.59</b>	<b>3.80</b>	<b>4.43%</b>	<b>34.97%</b>	<b>35.18%</b>
Retail Transmission Rate – Network Service Rate	1,273	0.0067	8.58	1,273	0.0067	8.58	0.00	0.00%	3.35%	3.37%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,273	0.0056	7.17	1,273	0.0056	7.17	0.00	0.00%	2.80%	2.81%
<b>Sub-Total: Retail Transmission</b>			<b>15.75</b>			<b>15.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.15%</b>	<b>6.18%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>102.70</b>			<b>106.50</b>	<b>3.80</b>	<b>3.70%</b>	<b>41.57%</b>	<b>41.81%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>101.53</b>			<b>105.33</b>	<b>3.80</b>	<b>3.74%</b>	<b>41.11%</b>	<b>41.36%</b>
Wholesale Market Service Rate	1,273	0.0036	4.58	1,273	0.0036	4.58	0.00	0.00%	1.79%	1.80%
Rural Rate Protection Charge	1,273	0.0021	2.67	1,273	0.0021	2.67	0.00	0.00%	1.04%	1.05%
Ontario Electricity Support Program Charge	1,273	0.0011	1.40	1,273	0.0011	1.40	0.00	0.00%	0.55%	0.55%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Regulatory</b>			<b>8.91</b>			<b>8.91</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.48%</b>	<b>3.50%</b>
<b>Debt Retirement Charge (DRC)</b>	1,152	0.000	<b>0.00</b>	1,152	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>240.20</b>			<b>243.99</b>	<b>3.80</b>	<b>1.58%</b>	<b>95.24%</b>	
HST		0.13	31.23		0.13	31.72	0.49	1.58%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>271.42</b>			<b>275.71</b>	<b>4.29</b>	<b>1.58%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-19.22		-0.08	-19.52	-0.30	1.58%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>252.21</b>			<b>256.19</b>	<b>3.99</b>	<b>1.58%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>238.76</b>			<b>242.56</b>	<b>3.80</b>	<b>1.59%</b>		<b>95.24%</b>
HST		0.13	31.04		0.13	31.53	0.49	1.59%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>269.80</b>			<b>274.09</b>	<b>4.29</b>	<b>1.59%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-19.10		-0.08	-19.40	-0.30	1.59%	-7.62%	
<b>Total Amount on TOU</b>			<b>250.70</b>			<b>254.69</b>	<b>3.99</b>	<b>1.59%</b>		<b>100.00%</b>

**2020 Bill Impacts (High Consumption Level)**

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Rate Class	R2
Monthly Consumption (kWh)	2300
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	2542
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	13.00%	
Energy Second Tier (kWh)	1,700	0.121	205.70	1,700	0.121	205.70	0.00	0.00%	43.27%	
<b>Sub-Total: Energy (RPP)</b>			<b>267.50</b>			<b>267.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.26%</b>	
TOU-Off Peak	1,495	0.087	130.07	1,495	0.087	130.07	0.00	0.00%		28.21%
TOU-Mid Peak	391	0.132	51.61	391	0.132	51.61	0.00	0.00%		11.19%
TOU-On Peak	414	0.180	74.52	414	0.180	74.52	0.00	0.00%		16.16%
<b>Sub-Total: Energy (TOU)</b>			<b>256.20</b>			<b>256.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.89%</b>	<b>55.56%</b>
Service Charge (RRRP credit applied)	1	34.22	34.22	1	44.24	44.24	10.02	29.28%	9.30%	9.59%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	2,300	0.0322	74.06	2,300	0.0268	61.64	-12.42	-16.77%	12.96%	13.37%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	2,300	0.0002	0.46	2,300	0.0002	0.46	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>108.72</b>			<b>106.32</b>	<b>-2.40</b>	<b>-2.21%</b>	<b>22.36%</b>	<b>23.06%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.17%	0.17%
Line Losses on Cost of Power (based on two-tier RPP prices)	242	0.12	29.22	242	0.12	29.22	0.00	0.00%	6.15%	6.34%
Line Losses on Cost of Power (based on TOU prices)	242	0.11	26.90	242	0.11	26.90	0.00	0.00%	5.66%	5.83%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>138.73</b>			<b>136.33</b>	<b>-2.40</b>	<b>-1.73%</b>	<b>28.67%</b>	<b>29.56%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>136.41</b>			<b>134.01</b>	<b>-2.40</b>	<b>-1.76%</b>	<b>28.19%</b>	<b>29.06%</b>
Retail Transmission Rate – Network Service Rate	2,542	0.0067	17.13	2,542	0.0067	17.13	0.00	0.00%	3.60%	3.71%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,542	0.0056	14.31	2,542	0.0056	14.31	0.00	0.00%	3.01%	3.10%
<b>Sub-Total: Retail Transmission</b>			<b>31.44</b>			<b>31.44</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.61%</b>	<b>6.82%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>170.17</b>			<b>167.77</b>	<b>-2.40</b>	<b>-1.41%</b>	<b>35.29%</b>	<b>36.38%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>167.85</b>			<b>165.45</b>	<b>-2.40</b>	<b>-1.43%</b>	<b>34.80%</b>	<b>35.88%</b>
Wholesale Market Service Rate	2,542	0.0036	9.15	2,542	0.0036	9.15	0.00	0.00%	1.92%	1.98%
Rural Rate Protection Charge	2,542	0.0021	5.34	2,542	0.0021	5.34	0.00	0.00%	1.12%	1.16%
Ontario Electricity Support Program Charge	2,542	0.0011	2.80	2,542	0.0011	2.80	0.00	0.00%	0.59%	0.61%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>17.53</b>			<b>17.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.69%</b>	<b>3.80%</b>
<b>Debt Retirement Charge (DRC)</b>	2,300	0.000	<b>0.00</b>	2,300	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>455.20</b>			<b>452.80</b>	<b>-2.40</b>	<b>-0.53%</b>	<b>95.24%</b>	
HST		0.13	59.18		0.13	58.86	-0.31	-0.53%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>514.38</b>			<b>511.67</b>	<b>-2.71</b>	<b>-0.53%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-36.42		-0.08	-36.22	0.19	-0.53%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>477.96</b>			<b>475.44</b>	<b>-2.52</b>	<b>-0.53%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>441.58</b>			<b>439.18</b>	<b>-2.40</b>	<b>-0.54%</b>		<b>95.24%</b>
HST		0.13	57.41		0.13	57.09	-0.31	-0.54%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>498.98</b>			<b>496.27</b>	<b>-2.71</b>	<b>-0.54%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-35.33		-0.08	-35.13	0.19	-0.54%	-7.62%	
<b>Total Amount on TOU</b>			<b>463.66</b>			<b>461.14</b>	<b>-2.52</b>	<b>-0.54%</b>		<b>100.00%</b>

**2020 Bill Impacts (Low Consumption Level)**

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Rate Class	Seasonal
Monthly Consumption (kWh)	50
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	55.2
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	50	0.103	5.15	50	0.103	5.15	0.00	0.00%	8.17%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>5.15</b>			<b>5.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>8.17%</b>	
TOU-Off Peak	33	0.087	2.83	33	0.087	2.83	0.00	0.00%		4.45%
TOU-Mid Peak	9	0.132	1.12	9	0.132	1.12	0.00	0.00%		1.77%
TOU-On Peak	9	0.180	1.62	9	0.180	1.62	0.00	0.00%		2.55%
<b>Sub-Total: Energy (TOU)</b>			<b>5.57</b>			<b>5.57</b>	<b>0.00</b>	<b>0.00%</b>	<b>8.84%</b>	<b>8.77%</b>
Service Charge	1	45.14	45.14	1	50.12	50.12	4.98	11.03%	79.55%	78.94%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	50	0.053	2.65	50	0.0439	2.20	-0.46	-17.17%	3.48%	3.46%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	50	0.0002	0.01	50	0.0002	0.01	0.00	0.00%	0.02%	0.02%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>47.80</b>			<b>52.33</b>	<b>4.53</b>	<b>9.47%</b>	<b>83.05%</b>	<b>82.41%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.25%	1.24%
Line Losses on Cost of Power (based on two-tier RPP prices)	5	0.10	0.54	5	0.10	0.54	0.00	0.00%	0.85%	0.84%
Line Losses on Cost of Power (based on TOU prices)	5	0.11	0.58	5	0.11	0.58	0.00	0.00%	0.92%	0.91%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>49.13</b>			<b>53.65</b>	<b>4.53</b>	<b>9.21%</b>	<b>85.15%</b>	<b>84.50%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>49.17</b>			<b>53.69</b>	<b>4.53</b>	<b>9.20%</b>	<b>85.22%</b>	<b>84.57%</b>
Retail Transmission Rate – Network Service Rate	55	0.0057	0.31	55	0.0057	0.31	0.00	0.00%	0.50%	0.49%
Retail Transmission Rate – Line and Transformation Connection Service Rate	55	0.0048	0.27	55	0.0048	0.27	0.00	0.00%	0.42%	0.42%
<b>Sub-Total: Retail Transmission</b>			<b>0.58</b>			<b>0.58</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.92%</b>	<b>0.91%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>49.70</b>			<b>54.23</b>	<b>4.53</b>	<b>9.10%</b>	<b>86.07%</b>	<b>85.41%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>49.75</b>			<b>54.27</b>	<b>4.53</b>	<b>9.10%</b>	<b>86.14%</b>	<b>85.48%</b>
Wholesale Market Service Rate	55	0.0036	0.20	55	0.0036	0.20	0.00	0.00%	0.32%	0.31%
Rural Rate Protection Charge	55	0.0021	0.12	55	0.0021	0.12	0.00	0.00%	0.18%	0.18%
Ontario Electricity Support Program Charge	55	0.0011	0.06	55	0.0011	0.06	0.00	0.00%	0.10%	0.10%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.40%	0.39%
<b>Sub-Total: Regulatory</b>			<b>0.63</b>			<b>0.63</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.99%</b>	<b>0.98%</b>
<b>Debt Retirement Charge (DRC)</b>	50	0.000	<b>0.00</b>	50	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>55.48</b>			<b>60.00</b>	<b>4.53</b>	<b>8.16%</b>	<b>95.24%</b>	
HST		0.13	7.21		0.13	7.80	0.59	8.16%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>62.69</b>			<b>67.80</b>	<b>5.11</b>	<b>8.16%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-4.44		-0.08	-4.80	-0.36	8.16%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>58.25</b>			<b>63.00</b>	<b>4.75</b>	<b>8.16%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>55.94</b>			<b>60.47</b>	<b>4.53</b>	<b>8.09%</b>		<b>95.24%</b>
HST		0.13	7.27		0.13	7.86	0.59	8.09%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>63.21</b>			<b>68.33</b>	<b>5.11</b>	<b>8.09%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-4.48		-0.08	-4.84	-0.36	8.09%		-7.62%
<b>Total Amount on TOU</b>			<b>58.74</b>			<b>63.49</b>	<b>4.75</b>	<b>8.09%</b>		<b>100.00%</b>

**2020 Bill Impacts (Typical Consumption Level)**

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Rate Class	Seasonal
Monthly Consumption (kWh)	350
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	386.4
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	350	0.103	36.05	350	0.103	36.05	0.00	0.00%	30.36%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.05</b>			<b>36.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>30.36%</b>	
TOU-Off Peak	228	0.087	19.79	228	0.087	19.79	0.00	0.00%		16.21%
TOU-Mid Peak	60	0.132	7.85	60	0.132	7.85	0.00	0.00%		6.43%
TOU-On Peak	63	0.180	11.34	63	0.180	11.34	0.00	0.00%		9.29%
<b>Sub-Total: Energy (TOU)</b>			<b>38.99</b>			<b>38.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>32.84%</b>	<b>31.92%</b>
Service Charge	1	45.14	45.14	1	50.12	50.12	4.98	11.03%	42.22%	41.04%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	350	0.053	18.55	350	0.0439	15.37	-3.19	-17.17%	12.94%	12.58%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	350	0.0002	0.07	350	0.0002	0.07	0.00	0.00%	0.06%	0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>63.76</b>			<b>65.56</b>	<b>1.79</b>	<b>2.82%</b>	<b>55.22%</b>	<b>53.68%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.67%	0.65%
Line Losses on Cost of Power (based on two-tier RPP prices)	36	0.10	3.75	36	0.10	3.75	0.00	0.00%	3.16%	3.07%
Line Losses on Cost of Power (based on TOU prices)	36	0.11	4.05	36	0.11	4.05	0.00	0.00%	3.42%	3.32%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>68.30</b>			<b>70.09</b>	<b>1.80</b>	<b>2.63%</b>	<b>59.04%</b>	<b>57.39%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>68.60</b>			<b>70.40</b>	<b>1.80</b>	<b>2.62%</b>	<b>59.30%</b>	<b>57.64%</b>
Retail Transmission Rate – Network Service Rate	386	0.0057	2.19	386	0.0057	2.19	0.00	0.00%	1.84%	1.79%
Retail Transmission Rate – Line and Transformation Connection Service Rate	386	0.0048	1.86	386	0.0048	1.86	0.00	0.00%	1.57%	1.53%
<b>Sub-Total: Retail Transmission</b>			<b>4.05</b>			<b>4.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.41%</b>	<b>3.31%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>72.35</b>			<b>74.14</b>	<b>1.80</b>	<b>2.48%</b>	<b>62.45%</b>	<b>60.71%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>72.65</b>			<b>74.45</b>	<b>1.80</b>	<b>2.47%</b>	<b>62.71%</b>	<b>60.96%</b>
Wholesale Market Service Rate	386	0.0036	1.39	386	0.0036	1.39	0.00	0.00%	1.17%	1.14%
Rural Rate Protection Charge	386	0.0021	0.81	386	0.0021	0.81	0.00	0.00%	0.68%	0.66%
Ontario Electricity Support Program Charge	386	0.0011	0.43	386	0.0011	0.43	0.00	0.00%	0.36%	0.35%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.21%	0.20%
<b>Sub-Total: Regulatory</b>			<b>2.88</b>			<b>2.88</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.42%</b>	<b>2.36%</b>
<b>Debt Retirement Charge (DRC)</b>	350	0.000	<b>0.00</b>	350	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>111.28</b>			<b>113.07</b>	<b>1.79</b>	<b>1.61%</b>	<b>95.24%</b>	
HST		0.13	14.47		0.13	14.70	0.23	1.61%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>125.74</b>			<b>127.77</b>	<b>2.03</b>	<b>1.61%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-8.90		-0.08	-9.05	-0.14	1.61%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>116.84</b>			<b>118.72</b>	<b>1.88</b>	<b>1.61%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>114.52</b>			<b>116.31</b>	<b>1.79</b>	<b>1.57%</b>		<b>95.24%</b>
HST		0.13	14.89		0.13	15.12	0.23	1.57%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>129.40</b>			<b>131.43</b>	<b>2.03</b>	<b>1.57%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-9.16		-0.08	-9.30	-0.14	1.57%	-7.62%	
<b>Total Amount on TOU</b>			<b>120.24</b>			<b>122.13</b>	<b>1.88</b>	<b>1.57%</b>		<b>100.00%</b>

**2020 Bill Impacts (Average Consumption Level)**

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Rate Class	Seasonal
Monthly Consumption (kWh)	352
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	388.608
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	352	0.103	36.26	352	0.103	36.26	0.00	0.00%	30.44%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.26</b>			<b>36.26</b>	<b>0.00</b>	<b>0.00%</b>	<b>30.44%</b>	
TOU-Off Peak	229	0.087	19.91	229	0.087	19.91	0.00	0.00%		16.25%
TOU-Mid Peak	60	0.132	7.90	60	0.132	7.90	0.00	0.00%		6.45%
TOU-On Peak	63	0.180	11.40	63	0.180	11.40	0.00	0.00%		9.31%
<b>Sub-Total: Energy (TOU)</b>			<b>39.21</b>			<b>39.21</b>	<b>0.00</b>	<b>0.00%</b>	<b>32.92%</b>	<b>32.00%</b>
Service Charge	1	45.14	45.14	1	50.12	50.12	4.98	11.03%	42.08%	40.91%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	352	0.053	18.66	352	0.0439	15.45	-3.20	-17.17%	12.98%	12.61%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	352	0.0002	0.07	352	0.0002	0.07	0.00	0.00%	0.06%	0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>63.87</b>			<b>65.64</b>	<b>1.78</b>	<b>2.78%</b>	<b>55.12%</b>	<b>53.58%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.66%	0.64%
Line Losses on Cost of Power (based on two-tier RPP prices)	37	0.10	3.77	37	0.10	3.77	0.00	0.00%	3.17%	3.08%
Line Losses on Cost of Power (based on TOU prices)	37	0.11	4.08	37	0.11	4.08	0.00	0.00%	3.42%	3.33%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>68.43</b>			<b>70.20</b>	<b>1.78</b>	<b>2.60%</b>	<b>58.95%</b>	<b>57.30%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>68.73</b>			<b>70.51</b>	<b>1.78</b>	<b>2.59%</b>	<b>59.21%</b>	<b>57.55%</b>
Retail Transmission Rate – Network Service Rate	389	0.0057	2.20	389	0.0057	2.20	0.00	0.00%	1.85%	1.79%
Retail Transmission Rate – Line and Transformation Connection Service Rate	389	0.0048	1.87	389	0.0048	1.87	0.00	0.00%	1.57%	1.53%
<b>Sub-Total: Retail Transmission</b>			<b>4.07</b>			<b>4.07</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.42%</b>	<b>3.32%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>72.50</b>			<b>74.28</b>	<b>1.78</b>	<b>2.45%</b>	<b>62.37%</b>	<b>60.62%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>72.81</b>			<b>74.58</b>	<b>1.78</b>	<b>2.44%</b>	<b>62.62%</b>	<b>60.87%</b>
Wholesale Market Service Rate	389	0.0036	1.40	389	0.0036	1.40	0.00	0.00%	1.17%	1.14%
Rural Rate Protection Charge	389	0.0021	0.82	389	0.0021	0.82	0.00	0.00%	0.69%	0.67%
Ontario Electricity Support Program Charge	389	0.0011	0.43	389	0.0011	0.43	0.00	0.00%	0.36%	0.35%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.21%	0.20%
<b>Sub-Total: Regulatory</b>			<b>2.89</b>			<b>2.89</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.43%</b>	<b>2.36%</b>
<b>Debt Retirement Charge (DRC)</b>	352	0.000	<b>0.00</b>	352	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>111.65</b>			<b>113.42</b>	<b>1.78</b>	<b>1.59%</b>	<b>95.24%</b>	
HST		0.13	14.51		0.13	14.75	0.23	1.59%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>126.16</b>			<b>128.17</b>	<b>2.01</b>	<b>1.59%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-8.93		-0.08	-9.07	-0.14	1.59%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>117.23</b>			<b>119.09</b>	<b>1.87</b>	<b>1.59%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>114.91</b>			<b>116.68</b>	<b>1.78</b>	<b>1.55%</b>		<b>95.24%</b>
HST		0.13	14.94		0.13	15.17	0.23	1.55%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>129.85</b>			<b>131.85</b>	<b>2.01</b>	<b>1.55%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-9.19		-0.08	-9.33	-0.14	1.55%	-7.62%	
<b>Total Amount on TOU</b>			<b>120.65</b>			<b>122.52</b>	<b>1.87</b>	<b>1.55%</b>		<b>100.00%</b>

**2020 Bill Impacts (High Consumption Level)**

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Rate Class	Seasonal
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1104
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	24.82%	
Energy Second Tier (kWh)	400	0.121	48.40	400	0.121	48.40	0.00	0.00%	19.44%	
<b>Sub-Total: Energy (RPP)</b>			<b>110.20</b>			<b>110.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>44.26%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		22.70%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		9.01%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		13.00%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>44.74%</b>	<b>44.70%</b>
Service Charge	1	45.14	45.14	1	50.12	50.12	4.98	11.03%	20.13%	20.11%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,000	0.053	53.00	1,000	0.0439	43.90	-9.10	-17.17%	17.63%	17.62%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,000	0.0002	0.20	1,000	0.0002	0.20	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>98.34</b>			<b>94.22</b>	<b>-4.12</b>	<b>-4.19%</b>	<b>37.84%</b>	<b>37.81%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.32%	0.32%
Line Losses on Cost of Power (based on two-tier RPP prices)	104	0.12	12.58	104	0.12	12.58	0.00	0.00%	5.05%	5.05%
Line Losses on Cost of Power (based on TOU prices)	104	0.11	11.58	104	0.11	11.58	0.00	0.00%	4.65%	4.65%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>111.71</b>			<b>107.59</b>	<b>-4.12</b>	<b>-3.69%</b>	<b>43.22%</b>	<b>43.18%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>110.71</b>			<b>106.59</b>	<b>-4.12</b>	<b>-3.72%</b>	<b>42.81%</b>	<b>42.78%</b>
Retail Transmission Rate – Network Service Rate	1,104	0.0057	6.24	1,104	0.0057	6.24	0.00	0.00%	2.51%	2.51%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,104	0.0048	5.32	1,104	0.0048	5.32	0.00	0.00%	2.14%	2.14%
<b>Sub-Total: Retail Transmission</b>			<b>11.57</b>			<b>11.57</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.65%</b>	<b>4.64%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>123.28</b>			<b>119.16</b>	<b>-4.12</b>	<b>-3.34%</b>	<b>47.86%</b>	<b>47.82%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>122.28</b>			<b>118.16</b>	<b>-4.12</b>	<b>-3.37%</b>	<b>47.46%</b>	<b>47.42%</b>
Wholesale Market Service Rate	1,104	0.0036	3.97	1,104	0.0036	3.97	0.00	0.00%	1.60%	1.60%
Rural Rate Protection Charge	1,104	0.0021	2.32	1,104	0.0021	2.32	0.00	0.00%	0.93%	0.93%
Ontario Electricity Support Program Charge	1,104	0.0011	1.21	1,104	0.0011	1.21	0.00	0.00%	0.49%	0.49%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Regulatory</b>			<b>7.76</b>			<b>7.76</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.12%</b>	<b>3.11%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.000	<b>0.00</b>	1,000	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>241.24</b>			<b>237.12</b>	<b>-4.12</b>	<b>-1.71%</b>	<b>95.24%</b>	
HST		0.13	31.36		0.13	30.83	-0.54	-1.71%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>272.60</b>			<b>267.94</b>	<b>-4.66</b>	<b>-1.71%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-19.30		-0.08	-18.97	0.33	-1.71%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>253.30</b>			<b>248.97</b>	<b>-4.33</b>	<b>-1.71%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>241.43</b>			<b>237.31</b>	<b>-4.12</b>	<b>-1.71%</b>		<b>95.24%</b>
HST		0.13	31.39		0.13	30.85	-0.54	-1.71%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>272.81</b>			<b>268.16</b>	<b>-4.66</b>	<b>-1.71%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-19.31		-0.08	-18.98	0.33	-1.71%		-7.62%
<b>Total Amount on TOU</b>			<b>253.50</b>			<b>249.17</b>	<b>-4.33</b>	<b>-1.71%</b>		<b>100.00%</b>

**2020 Bill Impacts (Low Consumption Level)**

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Rate Class	UGe
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	1067
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	37.21%	
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	14.57%	
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.79%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		26.80%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		10.64%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		15.36%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.66%</b>	<b>52.79%</b>
Service Charge	1	24.52	24.52	1	25.11	25.11	0.59	2.41%	12.10%	11.90%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,000	0.029	29.00	1,000	0.03	30.00	1.00	3.45%	14.45%	14.22%
Volumetric Deferral/Variance Account Rider (including CBR Class	1,000	0.0002	0.20	1,000	0.0002	0.20	0.00	0.00%	0.10%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>53.73</b>			<b>55.32</b>	<b>1.59</b>	<b>2.96%</b>	<b>26.65%</b>	<b>26.22%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.38%	0.37%
Line Losses on Cost of Power (based on two-tier RPP prices)	67	0.12	8.11	67	0.12	8.11	0.00	0.00%	3.91%	3.84%
Line Losses on Cost of Power (based on TOU prices)	67	0.11	7.46	67	0.11	7.46	0.00	0.00%	3.60%	3.54%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>62.63</b>			<b>64.22</b>	<b>1.59</b>	<b>2.54%</b>	<b>30.94%</b>	<b>30.44%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>61.98</b>			<b>63.57</b>	<b>1.59</b>	<b>2.57%</b>	<b>30.62%</b>	<b>30.13%</b>
Retail Transmission Rate – Network Service Rate	1,067	0.0061	6.52	1,067	0.0061	6.52	0.00	0.00%	3.14%	3.09%
Retail Transmission Rate – Line and Transformation Connection \$	1,067	0.0047	4.96	1,067	0.0047	4.96	0.00	0.00%	2.39%	2.35%
<b>Sub-Total: Retail Transmission</b>			<b>11.48</b>			<b>11.48</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.53%</b>	<b>5.44%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>74.11</b>			<b>75.70</b>	<b>1.59</b>	<b>2.15%</b>	<b>36.46%</b>	<b>35.88%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>73.46</b>			<b>75.05</b>	<b>1.59</b>	<b>2.16%</b>	<b>36.15%</b>	<b>35.57%</b>
Wholesale Market Service Rate	1,067	0.0036	3.84	1,067	0.0036	3.84	0.00	0.00%	1.85%	1.82%
Rural Rate Protection Charge	1,067	0.0021	2.24	1,067	0.0021	2.24	0.00	0.00%	1.08%	1.06%
Ontario Electricity Support Program Charge	1,067	0.0011	1.17	1,067	0.0011	1.17	0.00	0.00%	0.57%	0.56%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.12%	0.12%
<b>Sub-Total: Regulatory</b>			<b>7.51</b>			<b>7.51</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.62%</b>	<b>3.56%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	<b>7.00</b>	1,000	0.007	<b>7.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.37%</b>	<b>3.32%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>196.11</b>			<b>197.70</b>	<b>1.59</b>	<b>0.81%</b>	<b>95.24%</b>	
HST		0.13	25.49		0.13	25.70	0.21	0.81%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>221.61</b>			<b>223.40</b>	<b>1.80</b>	<b>0.81%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-15.69		-0.08	-15.82	-0.13	0.81%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>205.92</b>			<b>207.59</b>	<b>1.67</b>	<b>0.81%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>199.36</b>			<b>200.95</b>	<b>1.59</b>	<b>0.80%</b>		<b>95.24%</b>
HST		0.13	25.92		0.13	26.12	0.21	0.80%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>225.27</b>			<b>227.07</b>	<b>1.80</b>	<b>0.80%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-15.95		-0.08	-16.08	-0.13	0.80%	-7.62%	
<b>Total Amount on TOU</b>			<b>209.33</b>			<b>210.99</b>	<b>1.67</b>	<b>0.80%</b>		<b>100.00%</b>

**2020 Bill Impacts (Typical Consumption Level)**

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Rate Class	UGe
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2134
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	19.22%	
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	37.64%	
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.86%</b>	
TOU-Off Peak	1,300	0.087	113.10	1,300	0.087	113.10	0.00	0.00%		28.67%
TOU-Mid Peak	340	0.132	44.88	340	0.132	44.88	0.00	0.00%		11.38%
TOU-On Peak	360	0.180	64.80	360	0.180	64.80	0.00	0.00%		16.42%
<b>Sub-Total: Energy (TOU)</b>			<b>222.78</b>			<b>222.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.43%</b>	<b>56.47%</b>
Service Charge	1	24.52	24.52	1	25.11	25.11	0.59	2.41%	6.25%	6.36%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	2,000	0.029	58.00	2,000	0.03	60.00	2.00	3.45%	14.93%	15.21%
Volumetric Deferral/Variance Account Rider (including CBR Class	2,000	0.0002	0.40	2,000	0.0002	0.40	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>82.93</b>			<b>85.52</b>	<b>2.59</b>	<b>3.12%</b>	<b>21.28%</b>	<b>21.68%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.20%	0.20%
Line Losses on Cost of Power (based on two-tier RPP prices)	134	0.12	16.21	134	0.12	16.21	0.00	0.00%	4.03%	4.11%
Line Losses on Cost of Power (based on TOU prices)	134	0.11	14.93	134	0.11	14.93	0.00	0.00%	3.71%	3.78%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>99.93</b>			<b>102.52</b>	<b>2.59</b>	<b>2.59%</b>	<b>25.51%</b>	<b>25.99%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>98.65</b>			<b>101.24</b>	<b>2.59</b>	<b>2.63%</b>	<b>25.19%</b>	<b>25.66%</b>
Retail Transmission Rate – Network Service Rate	2,134	0.0061	13.03	2,134	0.0061	13.03	0.00	0.00%	3.24%	3.30%
Retail Transmission Rate – Line and Transformation Connection \$	2,134	0.0047	9.93	2,134	0.0047	9.93	0.00	0.00%	2.47%	2.52%
<b>Sub-Total: Retail Transmission</b>			<b>22.96</b>			<b>22.96</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.71%</b>	<b>5.82%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>122.89</b>			<b>125.48</b>	<b>2.59</b>	<b>2.11%</b>	<b>31.22%</b>	<b>31.81%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>121.60</b>			<b>124.19</b>	<b>2.59</b>	<b>2.13%</b>	<b>30.90%</b>	<b>31.48%</b>
Wholesale Market Service Rate	2,134	0.0036	7.68	2,134	0.0036	7.68	0.00	0.00%	1.91%	1.95%
Rural Rate Protection Charge	2,134	0.0021	4.48	2,134	0.0021	4.48	0.00	0.00%	1.12%	1.14%
Ontario Electricity Support Program Charge	2,134	0.0011	2.35	2,134	0.0011	2.35	0.00	0.00%	0.58%	0.59%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%	0.06%
<b>Sub-Total: Regulatory</b>			<b>14.76</b>			<b>14.76</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.67%</b>	<b>3.74%</b>
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	3.48%	3.55%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>380.15</b>			<b>382.74</b>	<b>2.59</b>	<b>0.68%</b>	<b>95.24%</b>	
HST		0.13	49.42		0.13	49.76	0.34	0.68%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>429.57</b>			<b>432.50</b>	<b>2.93</b>	<b>0.68%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-30.41		-0.08	-30.62	-0.21	0.68%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>399.16</b>			<b>401.88</b>	<b>2.72</b>	<b>0.68%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>373.15</b>			<b>375.74</b>	<b>2.59</b>	<b>0.69%</b>		<b>95.24%</b>
HST		0.13	48.51		0.13	48.85	0.34	0.69%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>421.65</b>			<b>424.58</b>	<b>2.93</b>	<b>0.69%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-29.85		-0.08	-30.06	-0.21	0.69%	-7.62%	
<b>Total Amount on TOU</b>			<b>391.80</b>			<b>394.52</b>	<b>2.72</b>	<b>0.69%</b>		<b>100.00%</b>

**2020 Bill Impacts (Average Consumption Level)**

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Rate Class	UGe
Monthly Consumption (kWh)	2759
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2944
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	14.06%	
Energy Second Tier (kWh)	2,009	0.121	243.09	2,009	0.121	243.09	0.00	0.00%	44.25%	
<b>Sub-Total: Energy (RPP)</b>			<b>320.34</b>			<b>320.34</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.31%</b>	
TOU-Off Peak	1,793	0.087	156.02	1,793	0.087	156.02	0.00	0.00%		29.23%
TOU-Mid Peak	469	0.132	61.91	469	0.132	61.91	0.00	0.00%		11.60%
TOU-On Peak	497	0.180	89.39	497	0.180	89.39	0.00	0.00%		16.75%
<b>Sub-Total: Energy (TOU)</b>			<b>307.33</b>			<b>307.33</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.94%</b>	<b>57.57%</b>
Service Charge	1	24.52	24.52	1	25.11	25.11	0.59	2.41%	4.57%	4.70%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	2,759	0.029	80.01	2,759	0.03	82.77	2.76	3.45%	15.07%	15.51%
Volumetric Deferral/Variance Account Rider (including CBR Class	2,759	0.0002	0.55	2,759	0.0002	0.55	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>105.09</b>			<b>108.44</b>	<b>3.35</b>	<b>3.19%</b>	<b>19.74%</b>	<b>20.31%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.14%	0.15%
Line Losses on Cost of Power (based on two-tier RPP prices)	185	0.12	22.37	185	0.12	22.37	0.00	0.00%	4.07%	4.19%
Line Losses on Cost of Power (based on TOU prices)	185	0.11	20.59	185	0.11	20.59	0.00	0.00%	3.75%	3.86%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>128.25</b>			<b>131.60</b>	<b>3.35</b>	<b>2.61%</b>	<b>23.96%</b>	<b>24.65%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>126.47</b>			<b>129.82</b>	<b>3.35</b>	<b>2.65%</b>	<b>23.63%</b>	<b>24.32%</b>
Retail Transmission Rate – Network Service Rate	2,944	0.0061	17.98	2,944	0.0061	17.98	0.00	0.00%	3.27%	3.37%
Retail Transmission Rate – Line and Transformation Connection	2,944	0.0047	13.69	2,944	0.0047	13.69	0.00	0.00%	2.49%	2.57%
<b>Sub-Total: Retail Transmission</b>			<b>31.67</b>			<b>31.67</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.77%</b>	<b>5.93%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>159.92</b>			<b>163.27</b>	<b>3.35</b>	<b>2.09%</b>	<b>29.72%</b>	<b>30.59%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>158.14</b>			<b>161.49</b>	<b>3.35</b>	<b>2.12%</b>	<b>29.40%</b>	<b>30.25%</b>
Wholesale Market Service Rate	2,944	0.0036	10.60	2,944	0.0036	10.60	0.00	0.00%	1.93%	1.99%
Rural Rate Protection Charge	2,944	0.0021	6.18	2,944	0.0021	6.18	0.00	0.00%	1.13%	1.16%
Ontario Electricity Support Program Charge	2,944	0.0011	3.24	2,944	0.0011	3.24	0.00	0.00%	0.59%	0.61%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>20.27</b>			<b>20.27</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.69%</b>	<b>3.80%</b>
<b>Debt Retirement Charge (DRC)</b>	2,759	0.007	19.31	2,759	0.007	19.31	0.00	0.00%	3.52%	3.62%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>519.84</b>			<b>523.19</b>	<b>3.35</b>	<b>0.64%</b>	<b>95.24%</b>	
HST		0.13	67.58		0.13	68.01	0.44	0.64%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>587.42</b>			<b>591.20</b>	<b>3.78</b>	<b>0.64%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-41.59		-0.08	-41.86	-0.27	0.64%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>545.83</b>			<b>549.35</b>	<b>3.52</b>	<b>0.64%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>505.05</b>			<b>508.40</b>	<b>3.35</b>	<b>0.66%</b>		<b>95.24%</b>
HST		0.13	65.66		0.13	66.09	0.44	0.66%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>570.71</b>			<b>574.49</b>	<b>3.78</b>	<b>0.66%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-40.40		-0.08	-40.67	-0.27	0.66%	-7.62%	
<b>Total Amount on TOU</b>			<b>530.30</b>			<b>533.82</b>	<b>3.52</b>	<b>0.66%</b>		<b>100.00%</b>

**2020 Bill Impacts (High Consumption Level)**

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Rate Class	UGe
Monthly Consumption (kWh)	15000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	16005
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	2.64%	
Energy Second Tier (kWh)	14,250	0.121	1,724.25	14,250	0.121	1,724.25	0.00	0.00%	58.89%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,801.50</b>			<b>1,801.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>61.53%</b>	
TOU-Off Peak	9,750	0.087	848.25	9,750	0.087	848.25	0.00	0.00%		30.51%
TOU-Mid Peak	2,550	0.132	336.60	2,550	0.132	336.60	0.00	0.00%		12.11%
TOU-On Peak	2,700	0.180	486.00	2,700	0.180	486.00	0.00	0.00%		17.48%
<b>Sub-Total: Energy (TOU)</b>			<b>1,670.85</b>			<b>1,670.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.07%</b>	<b>60.09%</b>
Service Charge	1	24.52	24.52	1	25.11	25.11	0.59	2.41%	0.86%	0.90%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	15,000	0.029	435.00	15,000	0.03	450.00	15.00	3.45%	15.37%	16.18%
Volumetric Deferral/Variance Account Rider (including CBR Class	15,000	0.0002	3.00	15,000	0.0002	3.00	0.00	0.00%	0.10%	0.11%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>462.53</b>			<b>478.12</b>	<b>15.59</b>	<b>3.37%</b>	<b>16.33%</b>	<b>17.20%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.03%	0.03%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,005	0.12	121.61	1,005	0.12	121.61	0.00	0.00%	4.15%	4.37%
Line Losses on Cost of Power (based on TOU prices)	1,005	0.11	111.95	1,005	0.11	111.95	0.00	0.00%	3.82%	4.03%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>584.93</b>			<b>600.52</b>	<b>15.59</b>	<b>2.67%</b>	<b>20.51%</b>	<b>21.60%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>575.27</b>			<b>590.86</b>	<b>15.59</b>	<b>2.71%</b>	<b>20.18%</b>	<b>21.25%</b>
Retail Transmission Rate – Network Service Rate	16,005	0.0061	97.73	16,005	0.0061	97.73	0.00	0.00%	3.34%	3.51%
Retail Transmission Rate – Line and Transformation Connection \$	16,005	0.0047	74.46	16,005	0.0047	74.46	0.00	0.00%	2.54%	2.68%
<b>Sub-Total: Retail Transmission</b>			<b>172.18</b>			<b>172.18</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.88%</b>	<b>6.19%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>757.11</b>			<b>772.70</b>	<b>15.59</b>	<b>2.06%</b>	<b>26.39%</b>	<b>27.79%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>747.45</b>			<b>763.04</b>	<b>15.59</b>	<b>2.09%</b>	<b>26.06%</b>	<b>27.44%</b>
Wholesale Market Service Rate	16,005	0.0036	57.62	16,005	0.0036	57.62	0.00	0.00%	1.97%	2.07%
Rural Rate Protection Charge	16,005	0.0021	33.61	16,005	0.0021	33.61	0.00	0.00%	1.15%	1.21%
Ontario Electricity Support Program Charge	16,005	0.0011	17.61	16,005	0.0011	17.61	0.00	0.00%	0.60%	0.63%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Regulatory</b>			<b>109.08</b>			<b>109.08</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.73%</b>	<b>3.92%</b>
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.59%	3.78%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>2,772.69</b>			<b>2,788.28</b>	<b>15.59</b>	<b>0.56%</b>	<b>95.24%</b>	
HST		0.13	360.45		0.13	362.48	2.03	0.56%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>3,133.14</b>			<b>3,150.76</b>	<b>17.62</b>	<b>0.56%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-221.82		-0.08	-223.06	-1.25	0.56%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>2,911.33</b>			<b>2,927.69</b>	<b>16.37</b>	<b>0.56%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>2,632.38</b>			<b>2,647.97</b>	<b>15.59</b>	<b>0.59%</b>		<b>95.24%</b>
HST		0.13	342.21		0.13	344.24	2.03	0.59%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>2,974.59</b>			<b>2,992.21</b>	<b>17.62</b>	<b>0.59%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-210.59		-0.08	-211.84	-1.25	0.59%	-7.62%	
<b>Total Amount on TOU</b>			<b>2,764.00</b>			<b>2,780.37</b>	<b>16.37</b>	<b>0.59%</b>		<b>100.00%</b>

**2020 Bill Impacts (Low Consumption Level)**

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Rate Class	GSe
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	1096
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	30.62%	
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	11.99%	
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>42.61%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		22.14%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		8.79%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		12.69%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>44.15%</b>	<b>43.62%</b>
Service Charge	1	30.26	30.26	1	30.91	30.91	0.65	2.15%	12.25%	12.10%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,000	0.0614	61.40	1,000	0.0634	63.40	2.00	3.26%	25.13%	24.82%
Volumetric Deferral/Variance Account Rider (including CBR Class	1,000	0.0002	0.20	1,000	0.0002	0.20	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>91.86</b>			<b>94.51</b>	<b>2.65</b>	<b>2.88%</b>	<b>37.46%</b>	<b>37.01%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.31%	0.31%
Line Losses on Cost of Power (based on two-tier RPP prices)	96	0.12	11.62	96	0.12	11.62	0.00	0.00%	4.60%	4.55%
Line Losses on Cost of Power (based on TOU prices)	96	0.11	10.69	96	0.11	10.69	0.00	0.00%	4.24%	4.19%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>104.27</b>			<b>106.92</b>	<b>2.65</b>	<b>2.54%</b>	<b>42.38%</b>	<b>41.86%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>103.34</b>			<b>105.99</b>	<b>2.65</b>	<b>2.56%</b>	<b>42.02%</b>	<b>41.50%</b>
Retail Transmission Rate – Network Service Rate	1,096	0.0057	6.24	1,096	0.0057	6.24	0.00	0.00%	2.47%	2.44%
Retail Transmission Rate – Line and Transformation Connection \$	1,096	0.0045	4.90	1,096	0.0045	4.90	0.00	0.00%	1.94%	1.92%
<b>Sub-Total: Retail Transmission</b>			<b>11.14</b>			<b>11.14</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.42%</b>	<b>4.36%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>115.41</b>			<b>118.06</b>	<b>2.65</b>	<b>2.30%</b>	<b>46.80%</b>	<b>46.23%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>114.49</b>			<b>117.14</b>	<b>2.65</b>	<b>2.31%</b>	<b>46.43%</b>	<b>45.87%</b>
Wholesale Market Service Rate	1,096	0.0036	3.95	1,096	0.0036	3.95	0.00	0.00%	1.56%	1.54%
Rural Rate Protection Charge	1,096	0.0021	2.30	1,096	0.0021	2.30	0.00	0.00%	0.91%	0.90%
Ontario Electricity Support Program Charge	1,096	0.0011	1.21	1,096	0.0011	1.21	0.00	0.00%	0.48%	0.47%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Regulatory</b>			<b>7.70</b>			<b>7.70</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.05%</b>	<b>3.02%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	<b>7.00</b>	1,000	0.007	<b>7.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.77%</b>	<b>2.74%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>237.61</b>			<b>240.26</b>	<b>2.65</b>	<b>1.12%</b>	<b>95.24%</b>	
HST		0.13	30.89		0.13	31.23	0.34	1.12%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>268.50</b>			<b>271.50</b>	<b>2.99</b>	<b>1.12%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-19.01		-0.08	-19.22	-0.21	1.12%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>249.49</b>			<b>252.27</b>	<b>2.78</b>	<b>1.12%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>240.58</b>			<b>243.23</b>	<b>2.65</b>	<b>1.10%</b>		<b>95.24%</b>
HST		0.13	31.28		0.13	31.62	0.34	1.10%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>271.85</b>			<b>274.85</b>	<b>2.99</b>	<b>1.10%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-19.25		-0.08	-19.46	-0.21	1.10%	-7.62%	
<b>Total Amount on TOU</b>			<b>252.61</b>			<b>255.39</b>	<b>2.78</b>	<b>1.10%</b>		<b>100.00%</b>

**2020 Bill Impacts (Typical Consumption Level)**

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Rate Class	GSe
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2192
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	15.92%	
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	31.17%	
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.10%</b>	
TOU-Off Peak	1,300	0.087	113.10	1,300	0.087	113.10	0.00	0.00%		23.70%
TOU-Mid Peak	340	0.132	44.88	340	0.132	44.88	0.00	0.00%		9.40%
TOU-On Peak	360	0.180	64.80	360	0.180	64.80	0.00	0.00%		13.58%
<b>Sub-Total: Energy (TOU)</b>			<b>222.78</b>			<b>222.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.92%</b>	<b>46.68%</b>
Service Charge	1	30.26	30.26	1	30.91	30.91	0.65	2.15%	6.37%	6.48%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	2,000	0.0614	122.80	2,000	0.0634	126.80	4.00	3.26%	26.13%	26.57%
Volumetric Deferral/Variance Account Rider (including CBR Class	2,000	0.0002	0.40	2,000	0.0002	0.40	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>153.46</b>			<b>158.11</b>	<b>4.65</b>	<b>3.03%</b>	<b>32.59%</b>	<b>33.13%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.16%	0.17%
Line Losses on Cost of Power (based on two-tier RPP prices)	192	0.12	23.23	192	0.12	23.23	0.00	0.00%	4.79%	4.87%
Line Losses on Cost of Power (based on TOU prices)	192	0.11	21.39	192	0.11	21.39	0.00	0.00%	4.41%	4.48%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>177.48</b>			<b>182.13</b>	<b>4.65</b>	<b>2.62%</b>	<b>37.54%</b>	<b>38.16%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>175.64</b>			<b>180.29</b>	<b>4.65</b>	<b>2.65%</b>	<b>37.16%</b>	<b>37.78%</b>
Retail Transmission Rate – Network Service Rate	2,192	0.0057	12.48	2,192	0.0057	12.48	0.00	0.00%	2.57%	2.61%
Retail Transmission Rate – Line and Transformation Connection \$	2,192	0.0045	9.81	2,192	0.0045	9.81	0.00	0.00%	2.02%	2.05%
<b>Sub-Total: Retail Transmission</b>			<b>22.29</b>			<b>22.29</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.59%</b>	<b>4.67%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>199.77</b>			<b>204.42</b>	<b>4.65</b>	<b>2.33%</b>	<b>42.13%</b>	<b>42.83%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>197.92</b>			<b>202.57</b>	<b>4.65</b>	<b>2.35%</b>	<b>41.75%</b>	<b>42.45%</b>
Wholesale Market Service Rate	2,192	0.0036	7.89	2,192	0.0036	7.89	0.00	0.00%	1.63%	1.65%
Rural Rate Protection Charge	2,192	0.0021	4.60	2,192	0.0021	4.60	0.00	0.00%	0.95%	0.96%
Ontario Electricity Support Program Charge	2,192	0.0011	2.41	2,192	0.0011	2.41	0.00	0.00%	0.50%	0.51%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>15.16</b>			<b>15.16</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.12%</b>	<b>3.18%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	<b>14.00</b>	2,000	0.007	<b>14.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.89%</b>	<b>2.93%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>457.42</b>			<b>462.07</b>	<b>4.65</b>	<b>1.02%</b>	<b>95.24%</b>	
HST		0.13	59.47		0.13	60.07	0.60	1.02%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>516.89</b>			<b>522.14</b>	<b>5.25</b>	<b>1.02%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-36.59		-0.08	-36.97	-0.37	1.02%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>480.29</b>			<b>485.18</b>	<b>4.88</b>	<b>1.02%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>449.86</b>			<b>454.51</b>	<b>4.65</b>	<b>1.03%</b>		<b>95.24%</b>
HST		0.13	58.48		0.13	59.09	0.60	1.03%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>508.34</b>			<b>513.59</b>	<b>5.25</b>	<b>1.03%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-35.99		-0.08	-36.36	-0.37	1.03%	-7.62%	
<b>Total Amount on TOU</b>			<b>472.35</b>			<b>477.23</b>	<b>4.88</b>	<b>1.03%</b>		<b>100.00%</b>

**2020 Bill Impacts (Average Consumption Level)**

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Rate Class	GSe
Monthly Consumption (kWh)	1982
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2172
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	16.06%	
Energy Second Tier (kWh)	1,232	0.121	149.07	1,232	0.121	149.07	0.00	0.00%	30.99%	
<b>Sub-Total: Energy (RPP)</b>			<b>226.32</b>			<b>226.32</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.05%</b>	
TOU-Off Peak	1,288	0.087	112.08	1,288	0.087	112.08	0.00	0.00%		23.68%
TOU-Mid Peak	337	0.132	44.48	337	0.132	44.48	0.00	0.00%		9.40%
TOU-On Peak	357	0.180	64.22	357	0.180	64.22	0.00	0.00%		13.57%
<b>Sub-Total: Energy (TOU)</b>			<b>220.77</b>			<b>220.77</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.90%</b>	<b>46.65%</b>
Service Charge	1	30.26	30.26	1	30.91	30.91	0.65	2.15%	6.43%	6.53%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,982	0.0614	121.69	1,982	0.0634	125.66	3.96	3.26%	26.13%	26.55%
Volumetric Deferral/Variance Account Rider (including CBR Class	1,982	0.0002	0.40	1,982	0.0002	0.40	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>152.35</b>			<b>156.97</b>	<b>4.61</b>	<b>3.03%</b>	<b>32.63%</b>	<b>33.17%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.16%	0.17%
Line Losses on Cost of Power (based on two-tier RPP prices)	190	0.12	23.02	190	0.12	23.02	0.00	0.00%	4.79%	4.86%
Line Losses on Cost of Power (based on TOU prices)	190	0.11	21.19	190	0.11	21.19	0.00	0.00%	4.41%	4.48%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>176.16</b>			<b>180.78</b>	<b>4.61</b>	<b>2.62%</b>	<b>37.58%</b>	<b>38.20%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>174.34</b>			<b>178.95</b>	<b>4.61</b>	<b>2.65%</b>	<b>37.20%</b>	<b>37.81%</b>
Retail Transmission Rate – Network Service Rate	2,172	0.0057	12.37	2,172	0.0057	12.37	0.00	0.00%	2.57%	2.61%
Retail Transmission Rate – Line and Transformation Connection	2,172	0.0045	9.72	2,172	0.0045	9.72	0.00	0.00%	2.02%	2.05%
<b>Sub-Total: Retail Transmission</b>			<b>22.09</b>			<b>22.09</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.59%</b>	<b>4.67%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>198.25</b>			<b>202.86</b>	<b>4.61</b>	<b>2.33%</b>	<b>42.18%</b>	<b>42.87%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>196.42</b>			<b>201.04</b>	<b>4.61</b>	<b>2.35%</b>	<b>41.80%</b>	<b>42.48%</b>
Wholesale Market Service Rate	2,172	0.0036	7.82	2,172	0.0036	7.82	0.00	0.00%	1.63%	1.65%
Rural Rate Protection Charge	2,172	0.0021	4.56	2,172	0.0021	4.56	0.00	0.00%	0.95%	0.96%
Ontario Electricity Support Program Charge	2,172	0.0011	2.39	2,172	0.0011	2.39	0.00	0.00%	0.50%	0.50%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>15.02</b>			<b>15.02</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.12%</b>	<b>3.17%</b>
<b>Debt Retirement Charge (DRC)</b>	1,982	0.007	13.87	1,982	0.007	13.87	0.00	0.00%	2.88%	2.93%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>453.47</b>			<b>458.08</b>	<b>4.61</b>	<b>1.02%</b>	<b>95.24%</b>	
HST		0.13	58.95		0.13	59.55	0.60	1.02%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>512.42</b>			<b>517.63</b>	<b>5.21</b>	<b>1.02%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-36.28		-0.08	-36.65	-0.37	1.02%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>476.14</b>			<b>480.99</b>	<b>4.84</b>	<b>1.02%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>446.09</b>			<b>450.71</b>	<b>4.61</b>	<b>1.03%</b>		<b>95.24%</b>
HST		0.13	57.99		0.13	58.59	0.60	1.03%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>504.08</b>			<b>509.30</b>	<b>5.21</b>	<b>1.03%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-35.69		-0.08	-36.06	-0.37	1.03%	-7.62%	
<b>Total Amount on TOU</b>			<b>468.40</b>			<b>473.24</b>	<b>4.84</b>	<b>1.03%</b>		<b>100.00%</b>

**2020 Bill Impacts (High Consumption Level)**

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Rate Class	GSe
Monthly Consumption (kWh)	15000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	16440
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	2.20%	
Energy Second Tier (kWh)	14,250	0.121	1,724.25	14,250	0.121	1,724.25	0.00	0.00%	49.08%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,801.50</b>			<b>1,801.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.28%</b>	
TOU-Off Peak	9,750	0.087	848.25	9,750	0.087	848.25	0.00	0.00%		25.24%
TOU-Mid Peak	2,550	0.132	336.60	2,550	0.132	336.60	0.00	0.00%		10.01%
TOU-On Peak	2,700	0.180	486.00	2,700	0.180	486.00	0.00	0.00%		14.46%
<b>Sub-Total: Energy (TOU)</b>			<b>1,670.85</b>			<b>1,670.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.56%</b>	<b>49.71%</b>
Service Charge	1	30.26	30.26	1	30.91	30.91	0.65	2.15%	0.88%	0.92%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	15,000	0.0614	921.00	15,000	0.0634	951.00	30.00	3.26%	27.07%	28.29%
Volumetric Deferral/Variance Account Rider (including CBR Class	15,000	0.0002	3.00	15,000	0.0002	3.00	0.00	0.00%	0.09%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>954.26</b>			<b>984.91</b>	<b>30.65</b>	<b>3.21%</b>	<b>28.04%</b>	<b>29.30%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.02%	0.02%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,440	0.12	174.24	1,440	0.12	174.24	0.00	0.00%	4.96%	5.18%
Line Losses on Cost of Power (based on TOU prices)	1,440	0.11	160.40	1,440	0.11	160.40	0.00	0.00%	4.57%	4.77%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>1,129.29</b>			<b>1,159.94</b>	<b>30.65</b>	<b>2.71%</b>	<b>33.02%</b>	<b>34.51%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>1,115.45</b>			<b>1,146.10</b>	<b>30.65</b>	<b>2.75%</b>	<b>32.63%</b>	<b>34.10%</b>
Retail Transmission Rate – Network Service Rate	16,440	0.0057	93.59	16,440	0.0057	93.59	0.00	0.00%	2.66%	2.78%
Retail Transmission Rate – Line and Transformation Connection \$	16,440	0.0045	73.55	16,440	0.0045	73.55	0.00	0.00%	2.09%	2.19%
<b>Sub-Total: Retail Transmission</b>			<b>167.15</b>			<b>167.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.76%</b>	<b>4.97%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>1,296.44</b>			<b>1,327.09</b>	<b>30.65</b>	<b>2.36%</b>	<b>37.78%</b>	<b>39.48%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>1,282.60</b>			<b>1,313.25</b>	<b>30.65</b>	<b>2.39%</b>	<b>37.38%</b>	<b>39.07%</b>
Wholesale Market Service Rate	16,440	0.0036	59.18	16,440	0.0036	59.18	0.00	0.00%	1.68%	1.76%
Rural Rate Protection Charge	16,440	0.0021	34.52	16,440	0.0021	34.52	0.00	0.00%	0.98%	1.03%
Ontario Electricity Support Program Charge	16,440	0.0011	18.08	16,440	0.0011	18.08	0.00	0.00%	0.51%	0.54%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Regulatory</b>			<b>112.04</b>			<b>112.04</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.19%</b>	<b>3.33%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.99%</b>	<b>3.12%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>3,314.98</b>			<b>3,345.63</b>	<b>30.65</b>	<b>0.92%</b>	<b>95.24%</b>	
HST		0.13	430.95		0.13	434.93	3.98	0.92%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>3,745.92</b>			<b>3,780.56</b>	<b>34.63</b>	<b>0.92%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-265.20		-0.08	-267.65	-2.45	0.92%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>3,480.73</b>			<b>3,512.91</b>	<b>32.18</b>	<b>0.92%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>3,170.49</b>			<b>3,201.14</b>	<b>30.65</b>	<b>0.97%</b>		<b>95.24%</b>
HST		0.13	412.16		0.13	416.15	3.98	0.97%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>3,582.65</b>			<b>3,617.29</b>	<b>34.63</b>	<b>0.97%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-253.64		-0.08	-256.09	-2.45	0.97%	-7.62%	
<b>Total Amount on TOU</b>			<b>3,329.01</b>			<b>3,361.20</b>	<b>32.18</b>	<b>0.97%</b>		<b>100.00%</b>

**2020 Bill Impacts (Low Consumption Level)**

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Rate Class	UGd
Monthly Consumption (kWh)	15,000
Peak (kW)	60
Loss factor	1.050
Load factor	34%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	15,750
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,750	0.103	1,622.25	15,750	0.103	1,622.25	0.00	0.00%	50.84%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,622.25</b>			<b>1,622.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.84%</b>
Service Charge	1	102.94	102.94	1	105.1	105.10	2.16	2.10%	3.29%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	60	9.9375	596.25	60	10.2368	614.21	17.96	3.01%	19.25%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	60	0.0646	3.88	60	0.0646	3.88	0.00	0.00%	0.12%
Volumetric Global Adjustment Account Rider	15,750	0.0019	29.93	15,750	0.0019	29.93	0.00	0.00%	0.94%
<b>Sub-Total: Distribution</b>			<b>733.00</b>			<b>753.12</b>	<b>20.12</b>	<b>2.74%</b>	<b>23.60%</b>
Retail Transmission Rate – Network Service Rate	60	2.23104	133.86	60	2.2310	133.86	0.00	0.00%	4.20%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.704675	102.28	60	1.7047	102.28	0.00	0.00%	3.21%
<b>Sub-Total: Retail Transmission</b>			<b>236.14</b>			<b>236.14</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.40%</b>
<b>Sub-Total: Delivery</b>			<b>969.14</b>			<b>989.26</b>	<b>20.12</b>	<b>2.08%</b>	<b>31.00%</b>
Wholesale Market Service Rate	15,750	0.0036	56.70	15,750	0.0036	56.70	0.00	0.00%	1.78%
Rural Rate Protection Charge	15,750	0.0021	33.08	15,750	0.0021	33.08	0.00	0.00%	1.04%
Ontario Electricity Support Program Charge	15,750	0.0011	17.33	15,750	0.0011	17.33	0.00	0.00%	0.54%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>107.35</b>			<b>107.35</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.36%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.29%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>2,803.74</b>			<b>2,823.86</b>	<b>20.12</b>	<b>0.72%</b>	<b>88.50%</b>
HST		0.13	364.49		0.13	367.10	2.62	0.72%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>3,168.23</b>			<b>3,190.96</b>	<b>22.73</b>	<b>0.72%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>3,168.23</b>			<b>3,190.96</b>	<b>22.73</b>	<b>0.72%</b>	<b>100.00%</b>

**2020 Bill Impacts (Average Consumption Level)**

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Rate Class	UGd
Monthly Consumption (kWh)	50,525
Peak (kW)	135
Loss factor	1.050
Load factor	51%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	53,051
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	53,051	0.103	5,464.28	53,051	0.103	5,464.28	0.00	0.00%	58.21%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>5,464.28</b>			<b>5,464.28</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.21%</b>
Service Charge	1	102.94	102.94	1	105.1	105.10	2.16	2.10%	1.12%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	135	9.9375	1,341.56	135	10.2368	1,381.97	40.41	3.01%	14.72%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	135	0.0646	8.72	135	0.0646	8.72	0.00	0.00%	0.09%
Volumetric Global Adjustment Account Rider	53,051	0.0019	100.80	53,051	0.0019	100.80	0.00	0.00%	1.07%
<b>Sub-Total: Distribution</b>			<b>1,554.03</b>			<b>1,596.60</b>	<b>42.57</b>	<b>2.74%</b>	<b>17.01%</b>
Retail Transmission Rate – Network Service Rate	135	2.23104	301.19	135	2.2310	301.19	0.00	0.00%	3.21%
Retail Transmission Rate – Line and Transformation Connection Service Rate	135	1.704675	230.13	135	1.7047	230.13	0.00	0.00%	2.45%
<b>Sub-Total: Retail Transmission</b>			<b>531.32</b>			<b>531.32</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.66%</b>
<b>Sub-Total: Delivery</b>			<b>2,085.35</b>			<b>2,127.92</b>	<b>42.57</b>	<b>2.04%</b>	<b>22.67%</b>
Wholesale Market Service Rate	53,051	0.0036	190.98	53,051	0.0036	190.98	0.00	0.00%	2.03%
Rural Rate Protection Charge	53,051	0.0021	111.41	53,051	0.0021	111.41	0.00	0.00%	1.19%
Ontario Electricity Support Program Charge	53,051	0.0011	58.36	53,051	0.0011	58.36	0.00	0.00%	0.62%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>361.00</b>			<b>361.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.85%</b>
<b>Debt Retirement Charge (DRC)</b>	50,525	0.007	<b>353.68</b>	50,525	0.007	<b>353.68</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.77%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>8,264.30</b>			<b>8,306.87</b>	<b>42.57</b>	<b>0.52%</b>	<b>88.50%</b>
HST		0.13	1,074.36		0.13	1,079.89	5.53	0.52%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>9,338.66</b>			<b>9,386.76</b>	<b>48.10</b>	<b>0.52%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>9,338.66</b>			<b>9,386.76</b>	<b>48.10</b>	<b>0.52%</b>	<b>100.00%</b>

**2020 Bill Impacts (High Consumption Level)**

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Rate Class	UGd
Monthly Consumption (kWh)	175,000
Peak (kW)	500
Loss factor	1.050
Load factor	48%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	183,750
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	183,750	0.103	18,926.25	183,750	0.103	18,926.25	0.00	0.00%	57.81%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>18,926.25</b>			<b>18,926.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.81%</b>
Service Charge	1	102.94	102.94	1	105.1	105.10	2.16	2.10%	0.32%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	500	9.9375	4,968.75	500	10.2368	5,118.40	149.65	3.01%	15.63%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	500	0.0646	32.30	500	0.0646	32.30	0.00	0.00%	0.10%
Volumetric Global Adjustment Account Rider	183,750	0.0019	349.13	183,750	0.0019	349.13	0.00	0.00%	1.07%
<b>Sub-Total: Distribution</b>			<b>5,453.13</b>			<b>5,604.94</b>	<b>151.81</b>	<b>2.78%</b>	<b>17.12%</b>
Retail Transmission Rate – Network Service Rate	500	2.23104	1,115.52	500	2.2310	1,115.52	0.00	0.00%	3.41%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.704675	852.34	500	1.7047	852.34	0.00	0.00%	2.60%
<b>Sub-Total: Retail Transmission</b>			<b>1,967.86</b>			<b>1,967.86</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.01%</b>
<b>Sub-Total: Delivery</b>			<b>7,420.98</b>			<b>7,572.79</b>	<b>151.81</b>	<b>2.05%</b>	<b>23.13%</b>
Wholesale Market Service Rate	183,750	0.0036	661.50	183,750	0.0036	661.50	0.00	0.00%	2.02%
Rural Rate Protection Charge	183,750	0.0021	385.88	183,750	0.0021	385.88	0.00	0.00%	1.18%
Ontario Electricity Support Program Charge	183,750	0.0011	202.13	183,750	0.0011	202.13	0.00	0.00%	0.62%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,249.75</b>			<b>1,249.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.82%</b>
<b>Debt Retirement Charge (DRC)</b>	175,000	0.007	<b>1,225.00</b>	175,000	0.007	<b>1,225.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.74%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>28,821.98</b>			<b>28,973.79</b>	<b>151.81</b>	<b>0.53%</b>	<b>88.50%</b>
HST		0.13	3,746.86		0.13	3,766.59	19.74	0.53%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>32,568.84</b>			<b>32,740.39</b>	<b>171.55</b>	<b>0.53%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>32,568.84</b>			<b>32,740.39</b>	<b>171.55</b>	<b>0.53%</b>	<b>100.00%</b>

**2020 Bill Impacts (Low Consumption Level)**

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Rate Class	GSD
Monthly Consumption (kWh)	15,000
Peak (kW)	60
Loss factor	1.061
Load factor	34%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	15,915
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,915	0.103	1,639.25	15,915	0.103	1,639.25	0.00	0.00%	44.75%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,639.25</b>			<b>1,639.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>44.75%</b>
Service Charge	1	104.42	104.42	1	106.28	106.28	1.86	1.78%	2.90%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	0.00%
Distribution Volumetric Rate	60	17.3532	1,041.19	60	17.8734	1,072.40	31.21	3.00%	29.28%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	60	0.0470	2.82	60	0.0470	2.82	0.00	0.00%	0.08%
Volumetric Global Adjustment Account Rider	15,915	0.0019	30.24	15,915	0.0019	30.24	0.00	0.00%	0.83%
<b>Sub-Total: Distribution</b>			<b>1,178.65</b>			<b>1,211.72</b>	<b>33.07</b>	<b>2.81%</b>	<b>33.08%</b>
Retail Transmission Rate – Network Service Rate	60	1.6718	100.31	60	1.6718	100.31	0.00	0.00%	2.74%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.2769	76.61	60	1.2769	76.61	0.00	0.00%	2.09%
<b>Sub-Total: Retail Transmission</b>			<b>176.92</b>			<b>176.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.83%</b>
<b>Sub-Total: Delivery</b>			<b>1,355.57</b>			<b>1,388.65</b>	<b>33.07</b>	<b>2.44%</b>	<b>37.91%</b>
Wholesale Market Service Rate	15,915	0.0036	57.29	15,915	0.0036	57.29	0.00	0.00%	1.56%
Rural Rate Protection Charge	15,915	0.0021	33.42	15,915	0.0021	33.42	0.00	0.00%	0.91%
Ontario Electricity Support Program Charge	15,915	0.0011	17.51	15,915	0.0011	17.51	0.00	0.00%	0.48%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>108.47</b>			<b>108.47</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.96%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.87%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>3,208.29</b>			<b>3,241.36</b>	<b>33.07</b>	<b>1.03%</b>	<b>88.50%</b>
HST		0.13	417.08		0.13	421.38	4.30	1.03%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>3,625.37</b>			<b>3,662.74</b>	<b>37.37</b>	<b>1.03%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>3,625.37</b>			<b>3,662.74</b>	<b>37.37</b>	<b>1.03%</b>	<b>100.00%</b>

**2020 Bill Impacts (Average Consumption Level)**

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Rate Class	GSd
Monthly Consumption (kWh)	36,104
Peak (kW)	124
Loss factor	1.061
Load factor	40%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	38,306
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	38,306	0.103	3,945.55	38,306	0.103	3,945.55	0.00	0.00%	48.32%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>3,945.55</b>			<b>3,945.55</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.32%</b>
Service Charge	1	104.42	104.42	1	106.28	106.28	1.86	1.78%	1.30%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	0.00%
Distribution Volumetric Rate	124	17.3532	2,151.80	124	17.8734	2,216.30	64.50	3.00%	27.14%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	124	0.0470	5.83	124	0.0470	5.83	0.00	0.00%	0.07%
Volumetric Global Adjustment Account Rider	38,306	0.0019	72.78	38,306	0.0019	72.78	0.00	0.00%	0.89%
<b>Sub-Total: Distribution</b>			<b>2,334.81</b>			<b>2,401.17</b>	<b>66.36</b>	<b>2.84%</b>	<b>29.41%</b>
Retail Transmission Rate – Network Service Rate	124	1.6718	207.31	124	1.6718	207.31	0.00	0.00%	2.54%
Retail Transmission Rate – Line and Transformation Connection Service Rate	124	1.2769	158.34	124	1.2769	158.34	0.00	0.00%	1.94%
<b>Sub-Total: Retail Transmission</b>			<b>365.64</b>			<b>365.64</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.48%</b>
<b>Sub-Total: Delivery</b>			<b>2,700.45</b>			<b>2,766.81</b>	<b>66.36</b>	<b>2.46%</b>	<b>33.89%</b>
Wholesale Market Service Rate	38,306	0.0036	137.90	38,306	0.0036	137.90	0.00	0.00%	1.69%
Rural Rate Protection Charge	38,306	0.0021	80.44	38,306	0.0021	80.44	0.00	0.00%	0.99%
Ontario Electricity Support Program Charge	38,306	0.0011	42.14	38,306	0.0011	42.14	0.00	0.00%	0.52%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>260.73</b>			<b>260.73</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.19%</b>
<b>Debt Retirement Charge (DRC)</b>	36,104	0.007	<b>252.73</b>	36,104	0.007	<b>252.73</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.10%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>7,159.46</b>			<b>7,225.83</b>	<b>66.36</b>	<b>0.93%</b>	<b>88.50%</b>
HST		0.13	930.73		0.13	939.36	8.63	0.93%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>8,090.19</b>			<b>8,165.19</b>	<b>74.99</b>	<b>0.93%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>8,090.19</b>			<b>8,165.19</b>	<b>74.99</b>	<b>0.93%</b>	<b>100.00%</b>

**2020 Bill Impacts (High Consumption Level)**

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Rate Class	Gsd
Monthly Consumption (kWh)	175,000
Peak (kW)	500
Loss factor	1.061
Load factor	48%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	185,675
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	185,675	0.103	19,124.53	185,675	0.103	19,124.53	0.00	0.00%	52.07%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>19,124.53</b>			<b>19,124.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>52.07%</b>
Service Charge	1	104.42	104.42	1	106.28	106.28	1.86	1.78%	0.29%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	0.00%
Distribution Volumetric Rate	500	17.3532	8,676.60	500	17.8734	8,936.70	260.10	3.00%	24.33%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	500	0.0470	23.50	500	0.0470	23.50	0.00	0.00%	0.06%
Volumetric Global Adjustment Account Rider	185,675	0.0019	352.78	185,675	0.0019	352.78	0.00	0.00%	0.96%
<b>Sub-Total: Distribution</b>			<b>9,157.28</b>			<b>9,419.24</b>	<b>261.96</b>	<b>2.86%</b>	<b>25.64%</b>
Retail Transmission Rate – Network Service Rate	500	1.6718	835.91	500	1.6718	835.91	0.00	0.00%	2.28%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.2769	638.46	500	1.2769	638.46	0.00	0.00%	1.74%
<b>Sub-Total: Retail Transmission</b>			<b>1,474.37</b>			<b>1,474.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.01%</b>
<b>Sub-Total: Delivery</b>			<b>10,631.65</b>			<b>10,893.61</b>	<b>261.96</b>	<b>2.46%</b>	<b>29.66%</b>
Wholesale Market Service Rate	185,675	0.0036	668.43	185,675	0.0036	668.43	0.00	0.00%	1.82%
Rural Rate Protection Charge	185,675	0.0021	389.92	185,675	0.0021	389.92	0.00	0.00%	1.06%
Ontario Electricity Support Program Charge	185,675	0.0011	204.24	185,675	0.0011	204.24	0.00	0.00%	0.56%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,262.84</b>			<b>1,262.84</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.44%</b>
<b>Debt Retirement Charge (DRC)</b>	175,000	0.007	<b>1,225.00</b>	175,000	0.007	<b>1,225.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.33%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>32,244.01</b>			<b>32,505.97</b>	<b>261.96</b>	<b>0.81%</b>	<b>88.50%</b>
HST		0.13	4,191.72		0.13	4,225.78	34.05	0.81%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>36,435.73</b>			<b>36,731.75</b>	<b>296.01</b>	<b>0.81%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>36,435.73</b>			<b>36,731.75</b>	<b>296.01</b>	<b>0.81%</b>	<b>100.00%</b>

**2020 Bill Impacts (Low Consumption Level)**

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Rate Class	DGen
Monthly Consumption (kWh)	300
Peak (kW)	10
Loss factor	1.061
Load factor	4%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	318
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	318	0.103	32.78	318	0.103	32.78	0.00	0.00%	8.25%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>32.78</b>			<b>32.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>8.25%</b>
Service Charge	1	198.03	198.03	1	198.03	198.03	0.00	0.00%	49.83%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	10	9.5956	95.96	10	10.3790	103.79	7.83	8.16%	26.12%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	10	0.0172	0.17	10	0.0172	0.17	0.00	0.00%	0.04%
Volumetric Global Adjustment Account Rider	318	0.0019	0.60	318	0.0019	0.60	0.00	0.00%	0.15%
<b>Sub-Total: Distribution</b>			<b>294.77</b>			<b>302.61</b>	<b>7.83</b>	<b>2.66%</b>	<b>76.14%</b>
Retail Transmission Rate – Network Service Rate	10	0.6311	6.31	10	0.6311	6.31	0.00	0.00%	1.59%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10	0.5475	5.47	10	0.5475	5.47	0.00	0.00%	1.38%
<b>Sub-Total: Retail Transmission</b>			<b>11.79</b>			<b>11.79</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.97%</b>
<b>Sub-Total: Delivery</b>			<b>306.56</b>			<b>314.39</b>	<b>7.83</b>	<b>2.56%</b>	<b>79.11%</b>
Wholesale Market Service Rate	318	0.0036	1.15	318	0.0036	1.15	0.00	0.00%	0.29%
Rural Rate Protection Charge	318	0.0021	0.67	318	0.0021	0.67	0.00	0.00%	0.17%
Ontario Electricity Support Program Charge	318	0.0011	0.35	318	0.0011	0.35	0.00	0.00%	0.09%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%
<b>Sub-Total: Regulatory</b>			<b>2.41</b>			<b>2.41</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.61%</b>
<b>Debt Retirement Charge (DRC)</b>	300	0.007	<b>2.10</b>	300	0.007	<b>2.10</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.53%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>343.86</b>			<b>351.69</b>	<b>7.83</b>	<b>2.28%</b>	<b>88.50%</b>
HST		0.13	44.70		0.13	45.72	1.02	2.28%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>388.56</b>			<b>397.41</b>	<b>8.85</b>	<b>2.28%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>388.56</b>			<b>397.41</b>	<b>8.85</b>	<b>2.28%</b>	<b>100.00%</b>

**2020 Bill Impacts (Average Consumption Level)**

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Rate Class	DGen
Monthly Consumption (kWh)	1,328
Peak (kW)	13
Loss factor	1.061
Load factor	14%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	1,409
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	1,409	0.103	145.13	1,409	0.103	145.13	0.00	0.00%	24.92%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>145.13</b>			<b>145.13</b>	<b>0.00</b>	<b>0.00%</b>	<b>24.92%</b>
Service Charge	1	198.03	198.03	1	198.03	198.03	0.00	0.00%	34.00%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	13	9.5956	124.74	13	10.3790	134.93	10.18	8.16%	23.17%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	13	0.0172	0.22	13	0.0172	0.22	0.00	0.00%	0.04%
Volumetric Global Adjustment Account Rider	1,409	0.0019	2.68	1,409	0.0019	2.68	0.00	0.00%	0.46%
<b>Sub-Total: Distribution</b>			<b>325.68</b>			<b>335.87</b>	<b>10.18</b>	<b>3.13%</b>	<b>57.66%</b>
Retail Transmission Rate – Network Service Rate	13	0.6311	8.20	13	0.6311	8.20	0.00	0.00%	1.41%
Retail Transmission Rate – Line and Transformation Connection Service Rate	13	0.5475	7.12	13	0.5475	7.12	0.00	0.00%	1.22%
<b>Sub-Total: Retail Transmission</b>			<b>15.32</b>			<b>15.32</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.63%</b>
<b>Sub-Total: Delivery</b>			<b>341.00</b>			<b>351.19</b>	<b>10.18</b>	<b>2.99%</b>	<b>60.29%</b>
Wholesale Market Service Rate	1,409	0.0036	5.07	1,409	0.0036	5.07	0.00	0.00%	0.87%
Rural Rate Protection Charge	1,409	0.0021	2.96	1,409	0.0021	2.96	0.00	0.00%	0.51%
Ontario Electricity Support Program Charge	1,409	0.0011	1.55	1,409	0.0011	1.55	0.00	0.00%	0.27%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.04%
<b>Sub-Total: Regulatory</b>			<b>9.83</b>			<b>9.83</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.69%</b>
<b>Debt Retirement Charge (DRC)</b>	1,328	0.007	<b>9.30</b>	1,328	0.007	<b>9.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.60%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>505.26</b>			<b>515.44</b>	<b>10.18</b>	<b>2.02%</b>	<b>88.50%</b>
HST		0.13	65.68		0.13	67.01	1.32	2.02%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>570.94</b>			<b>582.45</b>	<b>11.51</b>	<b>2.02%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>570.94</b>			<b>582.45</b>	<b>11.51</b>	<b>2.02%</b>	<b>100.00%</b>

**2020 Bill Impacts (High Consumption Level)**

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Rate Class	DGen
Monthly Consumption (kWh)	5,000
Peak (kW)	100
Loss factor	1.061
Load factor	7%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	5,305
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	5,305	0.103	546.42	5,305	0.103	546.42	0.00	0.00%	24.38%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>546.42</b>			<b>546.42</b>	<b>0.00</b>	<b>0.00%</b>	<b>24.38%</b>
Service Charge	1	198.03	198.03	1	198.03	198.03	0.00	0.00%	8.84%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	100	9.5956	959.56	100	10.3790	1,037.90	78.34	8.16%	46.31%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	100	0.0172	1.72	100	0.0172	1.72	0.00	0.00%	0.08%
Volumetric Global Adjustment Account Rider	5,305	0.0019	10.08	5,305	0.0019	10.08	0.00	0.00%	0.45%
<b>Sub-Total: Distribution</b>			<b>1,169.40</b>			<b>1,247.74</b>	<b>78.34</b>	<b>6.70%</b>	<b>55.67%</b>
Retail Transmission Rate – Network Service Rate	100	0.6311	63.11	100	0.6311	63.11	0.00	0.00%	2.82%
Retail Transmission Rate – Line and Transformation Connection Service Rate	100	0.5475	54.75	100	0.5475	54.75	0.00	0.00%	2.44%
<b>Sub-Total: Retail Transmission</b>			<b>117.86</b>			<b>117.86</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.26%</b>
<b>Sub-Total: Delivery</b>			<b>1,287.26</b>			<b>1,365.60</b>	<b>78.34</b>	<b>6.09%</b>	<b>60.93%</b>
Wholesale Market Service Rate	5,305	0.0036	19.10	5,305	0.0036	19.10	0.00	0.00%	0.85%
Rural Rate Protection Charge	5,305	0.0021	11.14	5,305	0.0021	11.14	0.00	0.00%	0.50%
Ontario Electricity Support Program Charge	5,305	0.0011	5.84	5,305	0.0011	5.84	0.00	0.00%	0.26%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>36.32</b>			<b>36.32</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.62%</b>
<b>Debt Retirement Charge (DRC)</b>	5,000	0.007	<b>35.00</b>	5,000	0.007	<b>35.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.56%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>1,904.99</b>			<b>1,983.33</b>	<b>78.34</b>	<b>4.11%</b>	<b>88.50%</b>
HST		0.13	247.65		0.13	257.83	10.18	4.11%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>2,152.64</b>			<b>2,241.17</b>	<b>88.52</b>	<b>4.11%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>2,152.64</b>			<b>2,241.17</b>	<b>88.52</b>	<b>4.11%</b>	<b>100.00%</b>

**2020 Bill Impacts (Low Consumption Level)**

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Rate Class	ST
Monthly Consumption (kWh)	200,000
Peak (kW)	500
Loss factor	1.034
Load factor	55%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	206,800
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	206,800	0.103	21,300.40	206,800	0.103	21,300.40	0.00	0.00%	63.58%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>21,300.40</b>			<b>21,300.40</b>	<b>0.00</b>	<b>0.00%</b>	<b>63.58%</b>
Service Charge	1	1226.63	1,226.63	1	1256.88	1,256.88	30.25	2.47%	3.75%
Fixed Deferral/Variance Account Rider	1	3.83	3.83	1	3.83	3.83	0.00	0.00%	0.01%
Distribution Volumetric Rate	500	1.3683021	684.15	500	1.4140357	707.02	22.87	3.34%	2.11%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	500	0.2729	136.45	500	0.2729	136.45	0.00	0.00%	0.41%
Volumetric Global Adjustment Account Rider	206,800	0.0019	392.92	206,800	0.0019	392.92	0.00	0.00%	1.17%
<b>Sub-Total: Distribution</b>			<b>2,443.98</b>			<b>2,497.10</b>	<b>53.12</b>	<b>2.17%</b>	<b>7.45%</b>
Retail Transmission Rate – Network Service Rate	500	3.4866	1,743.32	500	3.4866	1,743.32	0.00	0.00%	5.20%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	2.6022	1,301.08	500	2.6022	1,301.08	0.00	0.00%	3.88%
<b>Sub-Total: Retail Transmission</b>			<b>3,044.41</b>			<b>3,044.41</b>	<b>0.00</b>	<b>0.00%</b>	<b>9.09%</b>
<b>Sub-Total: Delivery</b>			<b>5,488.39</b>			<b>5,541.50</b>	<b>53.12</b>	<b>0.97%</b>	<b>16.54%</b>
Wholesale Market Service Rate	206,800	0.0036	744.48	206,800	0.0036	744.48	0.00	0.00%	2.22%
Rural Rate Protection Charge	206,800	0.0021	434.28	206,800	0.0021	434.28	0.00	0.00%	1.30%
Ontario Electricity Support Program Charge	206,800	0.0011	227.48	206,800	0.0011	227.48	0.00	0.00%	0.68%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,406.49</b>			<b>1,406.49</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.20%</b>
<b>Debt Retirement Charge (DRC)</b>	200,000	0.007	<b>1,400.00</b>	200,000	0.007	<b>1,400.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.18%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>29,595.28</b>			<b>29,648.39</b>	<b>53.12</b>	<b>0.18%</b>	<b>88.50%</b>
HST		0.13	3,847.39		0.13	3,854.29	6.91	0.18%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>33,442.66</b>			<b>33,502.69</b>	<b>60.02</b>	<b>0.18%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>33,442.66</b>			<b>33,502.69</b>	<b>60.02</b>	<b>0.18%</b>	<b>100.00%</b>

**2020 Bill Impacts (Average Consumption Level)**

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Rate Class	ST
Monthly Consumption (kWh)	1,601,036
Peak (kW)	3,091
Loss factor	1.034
Load factor	71%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	1,655,471
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	1,655,471	0.103	170,513.54	1,655,471	0.103	170,513.54	0.00	0.00%	68.15%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>170,513.54</b>			<b>170,513.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>68.15%</b>
Service Charge	1	1226.63	1,226.63	1	1256.88	1,256.88	30.25	2.47%	0.50%
Fixed Deferral/Variance Account Rider	1	3.83	3.83	1	3.83	3.83	0.00	0.00%	0.00%
Distribution Volumetric Rate	3,091	1.3683021	4,229.42	3,091	1.4140357	4,370.78	141.36	3.34%	1.75%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	3,091	0.2729	843.53	3,091	0.2729	843.53	0.00	0.00%	0.34%
Volumetric Global Adjustment Account Rider	1,655,471	0.0019	3,145.40	1,655,471	0.0019	3,145.40	0.00	0.00%	1.26%
<b>Sub-Total: Distribution</b>			<b>9,448.81</b>			<b>9,620.42</b>	<b>171.61</b>	<b>1.82%</b>	<b>3.85%</b>
Retail Transmission Rate – Network Service Rate	3,091	3.486648	10,777.23	3,091	3.4866	10,777.23	0.00	0.00%	4.31%
Retail Transmission Rate – Line and Transformation Connection Service Rate	3,091	2.6022	8,043.29	3,091	2.6022	8,043.29	0.00	0.00%	3.21%
<b>Sub-Total: Retail Transmission</b>			<b>18,820.52</b>			<b>18,820.52</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.52%</b>
<b>Sub-Total: Delivery</b>			<b>28,269.33</b>			<b>28,440.94</b>	<b>171.61</b>	<b>0.61%</b>	<b>11.37%</b>
Wholesale Market Service Rate	1,655,471	0.0036	5,959.70	1,655,471	0.0036	5,959.70	0.00	0.00%	2.38%
Rural Rate Protection Charge	1,655,471	0.0021	3,476.49	1,655,471	0.0021	3,476.49	0.00	0.00%	1.39%
Ontario Electricity Support Program Charge	1,655,471	0.0011	1,821.02	1,655,471	0.0011	1,821.02	0.00	0.00%	0.73%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>11,257.45</b>			<b>11,257.45</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.50%</b>
<b>Debt Retirement Charge (DRC)</b>	1,601,036	0.007	<b>11,207.25</b>	1,601,036	0.007	<b>11,207.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.48%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>221,247.57</b>			<b>221,419.18</b>	<b>171.61</b>	<b>0.08%</b>	<b>88.50%</b>
HST		0.13	28,762.18		0.13	28,784.49	22.31	0.08%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>250,009.76</b>			<b>250,203.68</b>	<b>193.92</b>	<b>0.08%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>250,009.76</b>			<b>250,203.68</b>	<b>193.92</b>	<b>0.08%</b>	<b>100.00%</b>

**2020 Bill Impacts (High Consumption Level)**

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Rate Class	ST
Monthly Consumption (kWh)	4,000,000
Peak (kW)	10,000
Loss factor	1.034
Load factor	55%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	4,136,000
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	4,136,000	0.103	426,008.00	4,136,000	0.103	426,008.00	0.00	0.00%	66.26%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>426,008.00</b>			<b>426,008.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>66.26%</b>
Service Charge	1	1226.63	1,226.63	1	1256.88	1,256.88	30.25	2.47%	0.20%
Fixed Deferral/Variance Account Rider	1	3.83	3.83	1	3.83	3.83	0.00	0.00%	0.00%
Distribution Volumetric Rate	10,000	1.3683021	13,683.02	10,000	1.4140357	14,140.36	457.34	3.34%	2.20%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	10,000	0.2729	2,729.00	10,000	0.2729	2,729.00	0.00	0.00%	0.42%
Volumetric Global Adjustment Account Rider	4,136,000	0.0019	7,858.40	4,136,000	0.0019	7,858.40	0.00	0.00%	1.22%
<b>Sub-Total: Distribution</b>			<b>25,500.88</b>			<b>25,988.47</b>	<b>487.59</b>	<b>1.91%</b>	<b>4.04%</b>
Retail Transmission Rate – Network Service Rate	10,000	3.4866	34,866.48	10,000	3.4866	34,866.48	0.00	0.00%	5.42%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,000	2.6022	26,021.64	10,000	2.6022	26,021.64	0.00	0.00%	4.05%
<b>Sub-Total: Retail Transmission</b>			<b>60,888.12</b>			<b>60,888.12</b>	<b>0.00</b>	<b>0.00%</b>	<b>9.47%</b>
<b>Sub-Total: Delivery</b>			<b>86,389.00</b>			<b>86,876.59</b>	<b>487.59</b>	<b>0.56%</b>	<b>13.51%</b>
Wholesale Market Service Rate	4,136,000	0.0036	14,889.60	4,136,000	0.0036	14,889.60	0.00	0.00%	2.32%
Rural Rate Protection Charge	4,136,000	0.0021	8,685.60	4,136,000	0.0021	8,685.60	0.00	0.00%	1.35%
Ontario Electricity Support Program Charge	4,136,000	0.0011	4,549.60	4,136,000	0.0011	4,549.60	0.00	0.00%	0.71%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>28,125.05</b>			<b>28,125.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.37%</b>
<b>Debt Retirement Charge (DRC)</b>	4,000,000	0.007	<b>28,000.00</b>	4,000,000	0.007	<b>28,000.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.35%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>568,522.05</b>			<b>569,009.64</b>	<b>487.59</b>	<b>0.09%</b>	<b>88.50%</b>
HST		0.13	73,907.87		0.13	73,971.25	63.39	0.09%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>642,429.92</b>			<b>642,980.89</b>	<b>550.97</b>	<b>0.09%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>642,429.92</b>			<b>642,980.89</b>	<b>550.97</b>	<b>0.09%</b>	<b>100.00%</b>

**2020 Bill Impacts (Low Consumption Level)**

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Rate Class	USL
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	109
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	100	0.103	10.30	100	0.103	10.30	0.00	0.00%	18.25%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>10.30</b>			<b>10.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>18.25%</b>
Service Charge	1	35.76	35.76	1	36.88	36.88	1.12	3.13%	65.33%
Fixed Deferral/Variance Account Rider	1	-0.01	-0.01	1	-0.01	-0.01	0.00	0.00%	-0.02%
Distribution Volumetric Rate	100	0.0293	2.93	100	0.03	3.00	0.07	2.39%	5.31%
Volumetric Deferral/Variance Account Rider (including CBR Class)	100	0.0002	0.02	100	0.0002	0.02	0.00	0.00%	0.04%
Volumetric Global Adjustment Account Rider	109	0.0000	0.00	109	0.0000	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>38.70</b>			<b>39.89</b>	<b>1.19</b>	<b>3.07%</b>	<b>70.66%</b>
Line Losses on Cost of Power	9	0.10	0.95	9	0.10	0.95	0.00	0.00%	1.68%
<b>Sub-Total: Distribution</b>			<b>39.65</b>			<b>40.84</b>	<b>1.19</b>	<b>3.00%</b>	<b>72.34%</b>
Retail Transmission Rate – Network Service Rate	109	0.0048	0.52	109	0.0048	0.52	0.00	0.00%	0.92%
Retail Transmission Rate – Line and Transformation Connection S	109	0.0038	0.41	109	0.0038	0.41	0.00	0.00%	0.73%
<b>Sub-Total: Retail Transmission</b>			<b>0.94</b>			<b>0.94</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.66%</b>
<b>Sub-Total: Delivery</b>			<b>40.58</b>			<b>41.77</b>	<b>1.19</b>	<b>2.93%</b>	<b>73.99%</b>
Wholesale Market Service Rate	109	0.0036	0.39	109	0.0036	0.39	0.00	0.00%	0.70%
Rural Rate Protection Charge	109	0.0021	0.23	109	0.0021	0.23	0.00	0.00%	0.41%
Ontario Electricity Support Program Charge	109	0.0011	0.12	109	0.0011	0.12	0.00	0.00%	0.21%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.44%
<b>Sub-Total: Regulatory</b>			<b>0.99</b>			<b>0.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.76%</b>
<b>Debt Retirement Charge (DRC)</b>	100	0.007	<b>0.70</b>	100	0.007	<b>0.70</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.24%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>52.58</b>			<b>53.77</b>	<b>1.19</b>	<b>2.26%</b>	<b>95.24%</b>
<b>HST</b>		0.13	6.83		0.13	6.99	0.15	2.26%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>59.41</b>			<b>60.75</b>	<b>1.34</b>	<b>2.26%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		-0.08	-4.21		-0.08	-4.30	-0.10	2.26%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>55.20</b>			<b>56.45</b>	<b>1.25</b>	<b>2.26%</b>	<b>100.00%</b>

**2020 Bill Impacts (Average Consumption Level)**

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Rate Class	USL
Monthly Consumption (kWh)	364
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	397
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	364	0.103	37.49	364	0.103	37.49	0.00	0.00%	36.54%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>37.49</b>			<b>37.49</b>	<b>0.00</b>	<b>0.00%</b>	<b>36.54%</b>
Service Charge	1	35.76	35.76	1	36.88	36.88	1.12	3.13%	35.95%
Fixed Deferral/Variance Account Rider	1	-0.01	-0.01	1	-0.01	-0.01	0.00	0.00%	-0.01%
Distribution Volumetric Rate	364	0.0293	10.67	364	0.03	10.92	0.25	2.39%	10.64%
Volumetric Deferral/Variance Account Rider (including CBR Class	364	0.0002	0.07	364	0.0002	0.07	0.00	0.00%	0.07%
Volumetric Global Adjustment Account Rider	397	0.0000	0.00	397	0.0000	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>46.49</b>			<b>47.86</b>	<b>1.37</b>	<b>2.96%</b>	<b>46.65%</b>
Line Losses on Cost of Power	33	0.10	3.45	33	0.10	3.45	0.00	0.00%	3.36%
<b>Sub-Total: Distribution</b>			<b>49.94</b>			<b>51.31</b>	<b>1.37</b>	<b>2.75%</b>	<b>50.01%</b>
Retail Transmission Rate – Network Service Rate	397	0.0048	1.90	397	0.0048	1.90	0.00	0.00%	1.85%
Retail Transmission Rate – Line and Transformation Connection S	397	0.0038	1.51	397	0.0038	1.51	0.00	0.00%	1.47%
<b>Sub-Total: Retail Transmission</b>			<b>3.40</b>			<b>3.40</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.32%</b>
<b>Sub-Total: Delivery</b>			<b>53.34</b>			<b>54.72</b>	<b>1.37</b>	<b>2.58%</b>	<b>53.33%</b>
Wholesale Market Service Rate	397	0.0036	1.43	397	0.0036	1.43	0.00	0.00%	1.39%
Rural Rate Protection Charge	397	0.0021	0.83	397	0.0021	0.83	0.00	0.00%	0.81%
Ontario Electricity Support Program Charge	397	0.0011	0.44	397	0.0011	0.44	0.00	0.00%	0.43%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.24%
<b>Sub-Total: Regulatory</b>			<b>2.95</b>			<b>2.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.88%</b>
<b>Debt Retirement Charge (DRC)</b>	364	0.007	<b>2.55</b>	364	0.007	<b>2.55</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.48%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>96.33</b>			<b>97.71</b>	<b>1.37</b>	<b>1.43%</b>	<b>95.24%</b>
<b>HST</b>		0.13	12.52		0.13	12.70	0.18	1.43%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>108.86</b>			<b>110.41</b>	<b>1.55</b>	<b>1.43%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		-0.08	-7.71		-0.08	-7.82	-0.11	1.43%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>101.15</b>			<b>102.59</b>	<b>1.44</b>	<b>1.43%</b>	<b>100.00%</b>

**2020 Bill Impacts (High Consumption Level)**

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Rate Class	USL
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	1092
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	35.08%
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	13.74%
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.82%</b>
Service Charge	1	35.76	35.76	1	36.88	36.88	1.12	3.13%	16.75%
Fixed Deferral/Variance Account Rider	1	-0.01	-0.01	1	-0.01	-0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	1,000	0.0293	29.30	1,000	0.03	30.00	0.70	2.39%	13.62%
Volumetric Deferral/Variance Account Rider (including CBR Class	1,000	0.0002	0.20	1,000	0.0002	0.20	0.00	0.00%	0.09%
Volumetric Global Adjustment Account Rider	1,092	0.0000	0.00	1,092	0.0000	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>65.25</b>			<b>67.07</b>	<b>1.82</b>	<b>2.79%</b>	<b>30.46%</b>
Line Losses on Cost of Power	92	0.12	11.13	92	0.12	11.13	0.00	0.00%	5.06%
<b>Sub-Total: Distribution</b>			<b>76.38</b>			<b>78.20</b>	<b>1.82</b>	<b>2.38%</b>	<b>35.51%</b>
Retail Transmission Rate – Network Service Rate	1,092	0.0048	5.21	1,092	0.0048	5.21	0.00	0.00%	2.37%
Retail Transmission Rate – Line and Transformation Connection S	1,092	0.0038	4.14	1,092	0.0038	4.14	0.00	0.00%	1.88%
<b>Sub-Total: Retail Transmission</b>			<b>9.35</b>			<b>9.35</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.25%</b>
<b>Sub-Total: Delivery</b>			<b>85.73</b>			<b>87.55</b>	<b>1.82</b>	<b>2.12%</b>	<b>39.76%</b>
Wholesale Market Service Rate	1,092	0.0036	3.93	1,092	0.0036	3.93	0.00	0.00%	1.79%
Rural Rate Protection Charge	1,092	0.0021	2.29	1,092	0.0021	2.29	0.00	0.00%	1.04%
Ontario Electricity Support Program Charge	1,092	0.0011	1.20	1,092	0.0011	1.20	0.00	0.00%	0.55%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.11%
<b>Sub-Total: Regulatory</b>			<b>7.68</b>			<b>7.68</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.49%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	<b>7.00</b>	1,000	0.007	<b>7.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.18%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>207.91</b>			<b>209.73</b>	<b>1.82</b>	<b>0.88%</b>	<b>95.24%</b>
<b>HST</b>		0.13	27.03		0.13	27.26	0.24	0.88%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>234.94</b>			<b>237.00</b>	<b>2.06</b>	<b>0.88%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		-0.08	-16.63		-0.08	-16.78	-0.15	0.88%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>218.31</b>			<b>220.22</b>	<b>1.91</b>	<b>0.88%</b>	<b>100.00%</b>

**2020 Bill Impacts (Low Consumption Level)**

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Rate Class	Sen Lgt
Monthly Consumption (kWh)	20
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	22
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	20	0.103	2.06	20	0.103	2.06	0.00	0.00%	21.65%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>2.06</b>			<b>2.06</b>	<b>0.00</b>	<b>0.00%</b>	<b>21.65%</b>
Service Charge	1	3.26	3.26	1	3.45	3.45	0.19	5.83%	36.26%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	20	0.1239	2.48	20	0.1312	2.62	0.15	5.89%	27.58%
Volumetric Deferral/Variance Account Rider (including CBR Class)	20	0.0001	0.00	20	0.0001	0.00	0.00	0.00%	0.02%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>5.74</b>			<b>6.08</b>	<b>0.34</b>	<b>5.85%</b>	<b>63.87%</b>
Line Losses on Cost of Power	2	0.10	0.19	2	0.10	0.19	0.00	0.00%	1.99%
<b>Sub-Total: Distribution</b>			<b>5.93</b>			<b>6.27</b>	<b>0.34</b>	<b>5.67%</b>	<b>65.86%</b>
Retail Transmission Rate – Network Service Rate	22	0.004698	0.10	22	0.0047	0.10	0.00	0.00%	1.08%
Retail Transmission Rate – Line and Transformation Connection S	22	0.00429	0.09	22	0.0043	0.09	0.00	0.00%	0.98%
<b>Sub-Total: Retail Transmission</b>			<b>0.20</b>			<b>0.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.06%</b>
<b>Sub-Total: Delivery</b>			<b>6.13</b>			<b>6.46</b>	<b>0.34</b>	<b>5.48%</b>	<b>67.92%</b>
Wholesale Market Service Rate	22	0.0036	0.08	22	0.0036	0.08	0.00	0.00%	0.83%
Rural Rate Protection Charge	22	0.0021	0.05	22	0.0021	0.05	0.00	0.00%	0.48%
Ontario Electricity Support Program Charge	22	0.0011	0.02	22	0.0011	0.02	0.00	0.00%	0.25%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	2.63%
<b>Sub-Total: Regulatory</b>			<b>0.40</b>			<b>0.40</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.19%</b>
Debt Retirement Charge (DRC)	20	0.007	0.14	20	0.007	0.14	0.00	0.00%	1.47%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>8.72</b>			<b>9.06</b>	<b>0.34</b>	<b>3.85%</b>	<b>95.24%</b>
HST		0.13	1.13		0.13	1.18	0.04	3.85%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>9.86</b>			<b>10.24</b>	<b>0.38</b>	<b>3.85%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-0.70		-0.08	-0.72	-0.03	3.85%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>9.16</b>			<b>9.51</b>	<b>0.35</b>	<b>3.85%</b>	<b>100.00%</b>

**2020 Bill Impacts (Average Consumption Level)**

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Rate Class	Sen Lgt
Monthly Consumption (kWh)	71
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	78
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	71	0.103	7.31	71	0.103	7.31	0.00	0.00%	30.64%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>7.31</b>			<b>7.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>30.64%</b>
Service Charge	1	3.26	3.26	1	3.45	3.45	0.19	5.83%	14.46%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	71	0.1239	8.80	71	0.1312	9.32	0.52	5.89%	39.03%
Volumetric Deferral/Variance Account Rider (including CBR Class	71	0.0001	0.01	71	0.0001	0.01	0.00	0.00%	0.03%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>12.06</b>			<b>12.77</b>	<b>0.71</b>	<b>5.87%</b>	<b>53.52%</b>
Line Losses on Cost of Power	7	0.10	0.67	7	0.10	0.67	0.00	0.00%	2.82%
<b>Sub-Total: Distribution</b>			<b>12.74</b>			<b>13.45</b>	<b>0.71</b>	<b>5.56%</b>	<b>56.34%</b>
Retail Transmission Rate – Network Service Rate	78	0.004698	0.36	78	0.0047	0.36	0.00	0.00%	1.53%
Retail Transmission Rate – Line and Transformation Connection S	78	0.00429	0.33	78	0.0043	0.33	0.00	0.00%	1.39%
<b>Sub-Total: Retail Transmission</b>			<b>0.70</b>			<b>0.70</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.92%</b>
<b>Sub-Total: Delivery</b>			<b>13.43</b>			<b>14.14</b>	<b>0.71</b>	<b>5.27%</b>	<b>59.26%</b>
Wholesale Market Service Rate	78	0.0036	0.28	78	0.0036	0.28	0.00	0.00%	1.17%
Rural Rate Protection Charge	78	0.0021	0.16	78	0.0021	0.16	0.00	0.00%	0.68%
Ontario Electricity Support Program Charge	78	0.0011	0.09	78	0.0011	0.09	0.00	0.00%	0.36%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	1.05%
<b>Sub-Total: Regulatory</b>			<b>0.78</b>			<b>0.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.26%</b>
Debt Retirement Charge (DRC)	71	0.007	0.50	71	0.007	0.50	0.00	0.00%	2.08%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>22.02</b>			<b>22.73</b>	<b>0.71</b>	<b>3.22%</b>	<b>95.24%</b>
HST		0.13	2.86		0.13	2.95	0.09	3.22%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>24.88</b>			<b>25.68</b>	<b>0.80</b>	<b>3.22%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-1.76		-0.08	-1.82	-0.06	3.22%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>23.12</b>			<b>23.87</b>	<b>0.74</b>	<b>3.22%</b>	<b>100.00%</b>

**2020 Bill Impacts (High Consumption Level)**

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Rate Class	Sen Lgt
Monthly Consumption (kWh)	200
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	218
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	200	0.103	20.60	200	0.103	20.60	0.00	0.00%	34.24%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>20.60</b>			<b>20.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>34.24%</b>
Service Charge	1	3.26	3.26	1	3.45	3.45	0.19	5.83%	5.73%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	200	0.1239	24.78	200	0.1312	26.24	1.46	5.89%	43.61%
Volumetric Deferral/Variance Account Rider (including CBR Class)	200	0.0001	0.02	200	0.0001	0.02	0.00	0.00%	0.03%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>28.06</b>			<b>29.71</b>	<b>1.65</b>	<b>5.88%</b>	<b>49.38%</b>
Line Losses on Cost of Power	18	0.10	1.90	18	0.10	1.90	0.00	0.00%	3.15%
<b>Sub-Total: Distribution</b>			<b>29.96</b>			<b>31.61</b>	<b>1.65</b>	<b>5.51%</b>	<b>52.53%</b>
Retail Transmission Rate – Network Service Rate	218	0.004698	1.03	218	0.0047	1.03	0.00	0.00%	1.71%
Retail Transmission Rate – Line and Transformation Connection S	218	0.00429	0.94	218	0.0043	0.94	0.00	0.00%	1.56%
<b>Sub-Total: Retail Transmission</b>			<b>1.96</b>			<b>1.96</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.26%</b>
<b>Sub-Total: Delivery</b>			<b>31.92</b>			<b>33.57</b>	<b>1.65</b>	<b>5.17%</b>	<b>55.79%</b>
Wholesale Market Service Rate	218	0.0036	0.79	218	0.0036	0.79	0.00	0.00%	1.31%
Rural Rate Protection Charge	218	0.0021	0.46	218	0.0021	0.46	0.00	0.00%	0.76%
Ontario Electricity Support Program Charge	218	0.0011	0.24	218	0.0011	0.24	0.00	0.00%	0.40%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.42%
<b>Sub-Total: Regulatory</b>			<b>1.74</b>			<b>1.74</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.88%</b>
Debt Retirement Charge (DRC)	200	0.007	1.40	200	0.007	1.40	0.00	0.00%	2.33%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>55.65</b>			<b>57.30</b>	<b>1.65</b>	<b>2.96%</b>	<b>95.24%</b>
HST		0.13	7.23		0.13	7.45	0.21	2.96%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>62.89</b>			<b>64.75</b>	<b>1.86</b>	<b>2.96%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-4.45		-0.08	-4.58	-0.13	2.96%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>58.44</b>			<b>60.17</b>	<b>1.73</b>	<b>2.96%</b>	<b>100.00%</b>

**2020 Bill Impacts (Low Consumption Level)**

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Rate Class	St Lgt
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	109.2
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	100	0.103	10.30	100	0.103	10.30	0.00	0.00%	34.17%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>10.30</b>			<b>10.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>34.17%</b>
Service Charge	1	4.21	4.21	1	4.33	4.33	0.12	2.85%	14.36%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	100	0.1013	10.13	100	0.1044	10.44	0.31	3.06%	34.63%
Volumetric Deferral/Variance Account Rider (including CBR Class	100	0.0002	0.02	100	0.0002	0.02	0.00	0.00%	0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>14.36</b>			<b>14.79</b>	<b>0.43</b>	<b>2.99%</b>	<b>49.06%</b>
Line Losses on Cost of Power	9	0.10	0.95	9	0.10	0.95	0.00	0.00%	3.14%
<b>Sub-Total: Distribution</b>			<b>15.31</b>			<b>15.74</b>	<b>0.43</b>	<b>2.81%</b>	<b>52.20%</b>
Retail Transmission Rate – Network Service Rate	109	0.0047	0.51	109	0.0047	0.51	0.00	0.00%	1.70%
Retail Transmission Rate – Line and Transformation Connection S	109	0.0043	0.47	109	0.0043	0.47	0.00	0.00%	1.55%
<b>Sub-Total: Retail Transmission</b>			<b>0.98</b>			<b>0.98</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.26%</b>
<b>Sub-Total: Delivery</b>			<b>16.29</b>			<b>16.72</b>	<b>0.43</b>	<b>2.64%</b>	<b>55.46%</b>
Wholesale Market Service Rate	109	0.0036	0.39	109	0.0036	0.39	0.00	0.00%	1.30%
Rural Rate Protection Charge	109	0.0021	0.23	109	0.0021	0.23	0.00	0.00%	0.76%
Ontario Electricity Support Program Charge	109	0.0011	0.12	109	0.0011	0.12	0.00	0.00%	0.40%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.83%
<b>Sub-Total: Regulatory</b>			<b>0.99</b>			<b>0.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.29%</b>
Debt Retirement Charge (DRC)	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	2.32%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>28.28</b>			<b>28.71</b>	<b>0.43</b>	<b>1.52%</b>	<b>95.24%</b>
HST		0.13	3.68		0.13	3.73	0.06	1.52%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>31.96</b>			<b>32.44</b>	<b>0.49</b>	<b>1.52%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-2.26		-0.08	-2.30	-0.03	1.52%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>29.70</b>			<b>30.15</b>	<b>0.45</b>	<b>1.52%</b>	<b>100.00%</b>

**2020 Bill Impacts (Average Consumption Level)**

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Rate Class	St Lgt
Monthly Consumption (kWh)	517
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	565
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	517	0.103	53.25	517	0.103	53.25	0.00	0.00%	39.35%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>53.25</b>			<b>53.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>39.35%</b>
Service Charge	1	4.21	4.21	1	4.33	4.33	0.12	2.85%	3.20%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	517	0.1013	52.37	517	0.1044	53.97	1.60	3.06%	39.88%
Volumetric Deferral/Variance Account Rider (including CBR Class)	517	0.0002	0.10	517	0.0002	0.10	0.00	0.00%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>56.69</b>			<b>58.41</b>	<b>1.72</b>	<b>3.04%</b>	<b>43.16%</b>
Line Losses on Cost of Power	48	0.10	4.90	48	0.10	4.90	0.00	0.00%	3.62%
<b>Sub-Total: Distribution</b>			<b>61.58</b>			<b>63.31</b>	<b>1.72</b>	<b>2.80%</b>	<b>46.78%</b>
Retail Transmission Rate – Network Service Rate	565	0.0047	2.65	565	0.0047	2.65	0.00	0.00%	1.96%
Retail Transmission Rate – Line and Transformation Connection S	565	0.0043	2.42	565	0.0043	2.42	0.00	0.00%	1.79%
<b>Sub-Total: Retail Transmission</b>			<b>5.07</b>			<b>5.07</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.75%</b>
<b>Sub-Total: Delivery</b>			<b>66.66</b>			<b>68.38</b>	<b>1.72</b>	<b>2.58%</b>	<b>50.53%</b>
Wholesale Market Service Rate	565	0.0036	2.03	565	0.0036	2.03	0.00	0.00%	1.50%
Rural Rate Protection Charge	565	0.0013	0.73	565	0.0013	0.73	0.00	0.00%	0.54%
Ontario Electricity Support Program Charge	565	0.0011	0.62	565	0.0011	0.62	0.00	0.00%	0.46%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.18%
<b>Sub-Total: Regulatory</b>			<b>3.64</b>			<b>3.64</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.69%</b>
<b>Debt Retirement Charge (DRC)</b>	517	0.007	<b>3.62</b>	517	0.007	<b>3.62</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.67%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>127.17</b>			<b>128.89</b>	<b>1.72</b>	<b>1.35%</b>	<b>95.24%</b>
<b>HST</b>		0.13	16.53		0.13	16.76	0.22	1.35%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>143.70</b>			<b>145.64</b>	<b>1.95</b>	<b>1.35%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		-0.08	-10.17		-0.08	-10.31	-0.14	1.35%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>133.52</b>			<b>135.33</b>	<b>1.81</b>	<b>1.35%</b>	<b>100.00%</b>

**2020 Bill Impacts (High Consumption Level)**

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Rate Class	St Lgt
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2184
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	14.34%
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	28.08%
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>42.42%</b>
Service Charge	1	4.21	4.21	1	4.33	4.33	0.12	2.85%	0.80%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	2,000	0.1013	202.60	2,000	0.1044	208.80	6.20	3.06%	38.76%
Volumetric Deferral/Variance Account Rider (including CBR Class	2,000	0.0002	0.40	2,000	0.0002	0.40	0.00	0.00%	0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>207.21</b>			<b>213.53</b>	<b>6.32</b>	<b>3.05%</b>	<b>39.64%</b>
Line Losses on Cost of Power	184	0.12	22.26	184	0.12	22.26	0.00	0.00%	4.13%
<b>Sub-Total: Distribution</b>			<b>229.47</b>			<b>235.79</b>	<b>6.32</b>	<b>2.75%</b>	<b>43.77%</b>
Retail Transmission Rate – Network Service Rate	2,184	0.0047	10.26	2,184	0.0047	10.26	0.00	0.00%	1.90%
Retail Transmission Rate – Line and Transformation Connection S	2,184	0.0043	9.37	2,184	0.0043	9.37	0.00	0.00%	1.74%
<b>Sub-Total: Retail Transmission</b>			<b>19.63</b>			<b>19.63</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.64%</b>
<b>Sub-Total: Delivery</b>			<b>249.10</b>			<b>255.42</b>	<b>6.32</b>	<b>2.54%</b>	<b>47.42%</b>
Wholesale Market Service Rate	2,184	0.0036	7.86	2,184	0.0036	7.86	0.00	0.00%	1.46%
Rural Rate Protection Charge	2,184	0.0021	4.59	2,184	0.0021	4.59	0.00	0.00%	0.85%
Ontario Electricity Support Program Charge	2,184	0.0011	2.40	2,184	0.0011	2.40	0.00	0.00%	0.45%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%
<b>Sub-Total: Regulatory</b>			<b>15.10</b>			<b>15.10</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.80%</b>
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	2.60%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>506.70</b>			<b>513.02</b>	<b>6.32</b>	<b>1.25%</b>	<b>95.24%</b>
HST		0.13	65.87		0.13	66.69	0.82	1.25%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>572.58</b>			<b>579.72</b>	<b>7.14</b>	<b>1.25%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-40.54		-0.08	-41.04	-0.51	1.25%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>532.04</b>			<b>538.68</b>	<b>6.64</b>	<b>1.25%</b>	<b>100.00%</b>

**2021 Bill Impacts (Low Consumption Level)**

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Rate Class	UR
Monthly Consumption (kWh)	350
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	370
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	350	0.103	36.05	350	0.103	36.05	0.00	0.00%	41.05%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.05</b>			<b>36.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>41.05%</b>	
TOU-Off Peak	228	0.087	19.79	228	0.087	19.79	0.00	0.00%		21.73%
TOU-Mid Peak	60	0.132	7.85	60	0.132	7.85	0.00	0.00%		8.62%
TOU-On Peak	63	0.180	11.34	63	0.180	11.34	0.00	0.00%		12.45%
<b>Sub-Total: Energy (TOU)</b>			<b>38.99</b>			<b>38.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>44.39%</b>	<b>42.80%</b>
Service Charge	1	35.88	35.88	1	36.72	36.72	0.84	2.34%	41.81%	40.32%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.01%	0.01%
Distribution Volumetric Rate	350	0.0000	0.00	350	0.0000	0.00	0.00	0.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	350	0.0002	0.07	350	0.0002	0.07	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>35.96</b>			<b>36.80</b>	<b>0.84</b>	<b>2.34%</b>	<b>41.90%</b>	<b>40.40%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.90%	0.87%
Line Losses on Cost of Power (based on two-tier RPP prices)	20	0.10	2.05	20	0.10	2.05	0.00	0.00%	2.34%	2.26%
Line Losses on Cost of Power (based on TOU prices)	20	0.11	2.22	20	0.11	2.22	0.00	0.00%	2.53%	2.44%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>38.80</b>			<b>39.64</b>	<b>0.84</b>	<b>2.16%</b>	<b>45.14%</b>	<b>43.53%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>38.97</b>			<b>39.81</b>	<b>0.84</b>	<b>2.16%</b>	<b>45.33%</b>	<b>43.71%</b>
Retail Transmission Rate – Network Service Rate	370	0.0078	2.90	370	0.0077	2.85	-0.05	-1.64%	3.24%	3.13%
Retail Transmission Rate – Line and Transformation Connection Service Rate	370	0.0064	2.38	370	0.0063	2.33	-0.05	-2.14%	2.65%	2.56%
<b>Sub-Total: Retail Transmission</b>			<b>5.28</b>			<b>5.18</b>	<b>-0.10</b>	<b>-1.86%</b>	<b>5.90%</b>	<b>5.69%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>44.08</b>			<b>44.82</b>	<b>0.74</b>	<b>1.68%</b>	<b>51.04%</b>	<b>49.21%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>44.25</b>			<b>44.99</b>	<b>0.74</b>	<b>1.68%</b>	<b>51.23%</b>	<b>49.40%</b>
Wholesale Market Service Rate	370	0.0036	1.33	370	0.0036	1.33	0.00	0.00%	1.52%	1.46%
Rural Rate Protection Charge	370	0.0021	0.78	370	0.0021	0.78	0.00	0.00%	0.88%	0.85%
Ontario Electricity Support Program Charge	370	0.0011	0.41	370	0.0011	0.41	0.00	0.00%	0.46%	0.45%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.28%	0.27%
<b>Sub-Total: Regulatory</b>			<b>2.77</b>			<b>2.77</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.15%</b>	<b>3.04%</b>
<b>Debt Retirement Charge (DRC)</b>	350	0.000	<b>0.00</b>	350	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>82.90</b>			<b>83.64</b>	<b>0.74</b>	<b>0.89%</b>	<b>95.24%</b>	
HST		0.13	10.78		0.13	10.87	0.10	0.89%		12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>93.67</b>			<b>94.51</b>	<b>0.84</b>	<b>0.89%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-6.63		-0.08	-6.69	-0.06	0.89%		-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>87.04</b>			<b>87.82</b>	<b>0.78</b>	<b>0.89%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>86.00</b>			<b>86.74</b>	<b>0.74</b>	<b>0.86%</b>		<b>95.24%</b>
HST		0.13	11.18		0.13	11.28	0.10	0.86%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>97.18</b>			<b>98.02</b>	<b>0.84</b>	<b>0.86%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-6.88		-0.08	-6.94	-0.06	0.86%		-7.62%
<b>Total Amount on TOU</b>			<b>90.30</b>			<b>91.08</b>	<b>0.78</b>	<b>0.86%</b>		<b>100.00%</b>

**2021 Bill Impacts (Typical Consumption Level)**

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Rate Class	UR
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	793
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	42.18%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	12.39%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.57%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		28.30%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		11.23%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		16.22%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.02%</b>	<b>55.75%</b>
Service Charge	1	35.88	35.88	1	36.72	36.72	0.84	2.34%	25.06%	24.50%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.01%	0.01%
Distribution Volumetric Rate	750	0.0000	0.00	750	0	0.00	0.00	0.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	750	0.0002	0.15	750	0.0002	0.15	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>36.04</b>			<b>36.88</b>	<b>0.84</b>	<b>2.33%</b>	<b>25.17%</b>	<b>24.61%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.54%	0.53%
Line Losses on Cost of Power (based on two-tier RPP prices)	43	0.12	5.17	43	0.12	5.17	0.00	0.00%	3.53%	3.45%
Line Losses on Cost of Power (based on TOU prices)	43	0.11	4.76	43	0.11	4.76	0.00	0.00%	3.25%	3.18%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>42.00</b>			<b>42.84</b>	<b>0.84</b>	<b>2.00%</b>	<b>29.24%</b>	<b>28.59%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>41.59</b>			<b>42.43</b>	<b>0.84</b>	<b>2.02%</b>	<b>28.96%</b>	<b>28.32%</b>
Retail Transmission Rate – Network Service Rate	793	0.0078	6.21	793	0.0077	6.10	-0.10	-1.64%	4.17%	4.07%
Retail Transmission Rate – Line and Transformation Connection Service Rate	793	0.0064	5.10	793	0.0063	4.99	-0.11	-2.14%	3.41%	3.33%
<b>Sub-Total: Retail Transmission</b>			<b>11.31</b>			<b>11.10</b>	<b>-0.21</b>	<b>-1.86%</b>	<b>7.58%</b>	<b>7.41%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>53.31</b>			<b>53.94</b>	<b>0.63</b>	<b>1.18%</b>	<b>36.82%</b>	<b>36.00%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>52.90</b>			<b>53.53</b>	<b>0.63</b>	<b>1.19%</b>	<b>36.54%</b>	<b>35.72%</b>
Wholesale Market Service Rate	793	0.0036	2.85	793	0.0036	2.85	0.00	0.00%	1.95%	1.90%
Rural Rate Protection Charge	793	0.0021	1.66	793	0.0021	1.66	0.00	0.00%	1.14%	1.11%
Ontario Electricity Support Program Charge	793	0.0011	0.87	793	0.0011	0.87	0.00	0.00%	0.60%	0.58%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.17%	0.17%
<b>Sub-Total: Regulatory</b>			<b>5.64</b>			<b>5.64</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.85%</b>	<b>3.76%</b>
<b>Debt Retirement Charge (DRC)</b>	750	0.000	<b>0.00</b>	750	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>138.90</b>			<b>139.53</b>	<b>0.63</b>	<b>0.45%</b>	<b>95.24%</b>	
HST		0.13	18.06		0.13	18.14	0.08	0.45%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>156.96</b>			<b>157.67</b>	<b>0.71</b>	<b>0.45%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-11.11		-0.08	-11.16	-0.05	0.45%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>145.85</b>			<b>146.51</b>	<b>0.66</b>	<b>0.45%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>142.08</b>			<b>142.71</b>	<b>0.63</b>	<b>0.44%</b>		<b>95.24%</b>
HST		0.13	18.47		0.13	18.55	0.08	0.44%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>160.56</b>			<b>161.27</b>	<b>0.71</b>	<b>0.44%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-11.37		-0.08	-11.42	-0.05	0.44%	-7.62%	
<b>Total Amount on TOU</b>			<b>149.19</b>			<b>149.85</b>	<b>0.66</b>	<b>0.44%</b>		<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	UR
Monthly Consumption (kWh)	755
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	798
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	41.96%	
Energy Second Tier (kWh)	155	0.121	18.76	155	0.121	18.76	0.00	0.00%	12.73%	
<b>Sub-Total: Energy (RPP)</b>			<b>80.56</b>			<b>80.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.69%</b>	
TOU-Off Peak	491	0.087	42.70	491	0.087	42.70	0.00	0.00%		28.35%
TOU-Mid Peak	128	0.132	16.94	128	0.132	16.94	0.00	0.00%		11.25%
TOU-On Peak	136	0.180	24.46	136	0.180	24.46	0.00	0.00%		16.24%
<b>Sub-Total: Energy (TOU)</b>			<b>84.10</b>			<b>84.10</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.10%</b>	<b>55.85%</b>
Service Charge	1	35.88	35.88	1	36.72	36.72	0.84	2.34%	24.93%	24.39%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.01%	0.01%
Distribution Volumetric Rate	755	0.0000	0.00	755	0	0.00	0.00	0.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	755	0.0002	0.15	755	0.0002	0.15	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>36.04</b>			<b>36.88</b>	<b>0.84</b>	<b>2.33%</b>	<b>25.04%</b>	<b>24.49%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.54%	0.52%
Line Losses on Cost of Power (based on two-tier RPP prices)	43	0.12	5.21	43	0.12	5.21	0.00	0.00%	3.54%	3.46%
Line Losses on Cost of Power (based on TOU prices)	43	0.11	4.79	43	0.11	4.79	0.00	0.00%	3.25%	3.18%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>42.04</b>			<b>42.88</b>	<b>0.84</b>	<b>2.00%</b>	<b>29.11%</b>	<b>28.47%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>41.62</b>			<b>42.46</b>	<b>0.84</b>	<b>2.02%</b>	<b>28.83%</b>	<b>28.20%</b>
Retail Transmission Rate – Network Service Rate	798	0.0078	6.25	798	0.0077	6.14	-0.10	-1.64%	4.17%	4.08%
Retail Transmission Rate – Line and Transformation Connection Service Rate	798	0.0064	5.14	798	0.0063	5.03	-0.11	-2.14%	3.41%	3.34%
<b>Sub-Total: Retail Transmission</b>			<b>11.38</b>			<b>11.17</b>	<b>-0.21</b>	<b>-1.86%</b>	<b>7.59%</b>	<b>7.42%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>53.42</b>			<b>54.05</b>	<b>0.63</b>	<b>1.18%</b>	<b>36.70%</b>	<b>35.89%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>53.01</b>			<b>53.64</b>	<b>0.63</b>	<b>1.18%</b>	<b>36.41%</b>	<b>35.62%</b>
Wholesale Market Service Rate	798	0.0036	2.87	798	0.0036	2.87	0.00	0.00%	1.95%	1.91%
Rural Rate Protection Charge	798	0.0021	1.68	798	0.0021	1.68	0.00	0.00%	1.14%	1.11%
Ontario Electricity Support Program Charge	798	0.0011	0.88	798	0.0011	0.88	0.00	0.00%	0.60%	0.58%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.17%	0.17%
<b>Sub-Total: Regulatory</b>			<b>5.68</b>			<b>5.68</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.85%</b>	<b>3.77%</b>
<b>Debt Retirement Charge (DRC)</b>	755	0.000	<b>0.00</b>	755	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>139.65</b>			<b>140.28</b>	<b>0.63</b>	<b>0.45%</b>	<b>95.24%</b>	
HST		0.13	18.16		0.13	18.24	0.08	0.45%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>157.81</b>			<b>158.52</b>	<b>0.71</b>	<b>0.45%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-11.17		-0.08	-11.22	-0.05	0.45%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>146.64</b>			<b>147.30</b>	<b>0.66</b>	<b>0.45%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>142.79</b>			<b>143.41</b>	<b>0.63</b>	<b>0.44%</b>		<b>95.24%</b>
HST		0.13	18.56		0.13	18.64	0.08	0.44%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>161.35</b>			<b>162.06</b>	<b>0.71</b>	<b>0.44%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-11.42		-0.08	-11.47	-0.05	0.44%	-7.62%	
<b>Total Amount on TOU</b>			<b>149.92</b>			<b>150.58</b>	<b>0.66</b>	<b>0.44%</b>		<b>100.00%</b>

**2021 Bill Impacts (High Consumption Level)**

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Rate Class	UR
Monthly Consumption (kWh)	1400
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1480
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	24.83%	
Energy Second Tier (kWh)	800	0.121	96.80	800	0.121	96.80	0.00	0.00%	38.88%	
<b>Sub-Total: Energy (RPP)</b>			<b>158.60</b>			<b>158.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>63.71%</b>	
TOU-Off Peak	910	0.087	79.17	910	0.087	79.17	0.00	0.00%		32.27%
TOU-Mid Peak	238	0.132	31.42	238	0.132	31.42	0.00	0.00%		12.80%
TOU-On Peak	252	0.180	45.36	252	0.180	45.36	0.00	0.00%		18.49%
<b>Sub-Total: Energy (TOU)</b>			<b>155.95</b>			<b>155.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>62.64%</b>	<b>63.56%</b>
Service Charge	1	35.88	35.88	1	36.72	36.72	0.84	2.34%	14.75%	14.97%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,400	0.0000	0.00	1,400	0	0.00	0.00	0.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,400	0.0002	0.28	1,400	0.0002	0.28	0.00	0.00%	0.11%	0.11%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>36.17</b>			<b>37.01</b>	<b>0.84</b>	<b>2.32%</b>	<b>14.87%</b>	<b>15.08%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.32%	0.32%
Line Losses on Cost of Power (based on two-tier RPP prices)	80	0.12	9.66	80	0.12	9.66	0.00	0.00%	3.88%	3.94%
Line Losses on Cost of Power (based on TOU prices)	80	0.11	8.89	80	0.11	8.89	0.00	0.00%	3.57%	3.62%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>46.62</b>			<b>47.46</b>	<b>0.84</b>	<b>1.80%</b>	<b>19.06%</b>	<b>19.34%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>45.85</b>			<b>46.69</b>	<b>0.84</b>	<b>1.83%</b>	<b>18.76%</b>	<b>19.03%</b>
Retail Transmission Rate – Network Service Rate	1,480	0.0078	11.58	1,480	0.0077	11.39	-0.19	-1.64%	4.58%	4.64%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,480	0.0064	9.53	1,480	0.0063	9.32	-0.20	-2.14%	3.74%	3.80%
<b>Sub-Total: Retail Transmission</b>			<b>21.11</b>			<b>20.72</b>	<b>-0.39</b>	<b>-1.86%</b>	<b>8.32%</b>	<b>8.44%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>67.73</b>			<b>68.17</b>	<b>0.45</b>	<b>0.66%</b>	<b>27.39%</b>	<b>27.79%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>66.96</b>			<b>67.41</b>	<b>0.45</b>	<b>0.67%</b>	<b>27.08%</b>	<b>27.47%</b>
Wholesale Market Service Rate	1,480	0.0036	5.33	1,480	0.0036	5.33	0.00	0.00%	2.14%	2.17%
Rural Rate Protection Charge	1,480	0.0021	3.11	1,480	0.0021	3.11	0.00	0.00%	1.25%	1.27%
Ontario Electricity Support Program Charge	1,480	0.0011	1.63	1,480	0.0011	1.63	0.00	0.00%	0.65%	0.66%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Regulatory</b>			<b>10.31</b>			<b>10.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.14%</b>	<b>4.20%</b>
<b>Debt Retirement Charge (DRC)</b>	1,400	0.000	<b>0.00</b>	1,400	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>236.64</b>			<b>237.09</b>	<b>0.45</b>	<b>0.19%</b>	<b>95.24%</b>	
HST		0.13	30.76		0.13	30.82	0.06	0.19%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>267.40</b>			<b>267.91</b>	<b>0.50</b>	<b>0.19%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-18.93		-0.08	-18.97	-0.04	0.19%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>248.47</b>			<b>248.94</b>	<b>0.47</b>	<b>0.19%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>233.22</b>			<b>233.66</b>	<b>0.45</b>	<b>0.19%</b>		<b>95.24%</b>
HST		0.13	30.32		0.13	30.38	0.06	0.19%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>263.54</b>			<b>264.04</b>	<b>0.50</b>	<b>0.19%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-18.66		-0.08	-18.69	-0.04	0.19%	-7.62%	
<b>Total Amount on TOU</b>			<b>244.88</b>			<b>245.35</b>	<b>0.47</b>	<b>0.19%</b>		<b>100.00%</b>

**2021 Bill Impacts (Low Consumption Level)**

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Rate Class	R1
Monthly Consumption (kWh)	400
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	430
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	400	0.103	41.20	400	0.103	41.20	0.00	0.00%	35.34%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>41.20</b>			<b>41.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>35.34%</b>	
TOU-Off Peak	260	0.087	22.62	260	0.087	22.62	0.00	0.00%		18.79%
TOU-Mid Peak	68	0.132	8.98	68	0.132	8.98	0.00	0.00%		7.46%
TOU-On Peak	72	0.180	12.96	72	0.180	12.96	0.00	0.00%		10.77%
<b>Sub-Total: Energy (TOU)</b>			<b>44.56</b>			<b>44.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>38.22%</b>	<b>37.02%</b>
Service Charge	1	47.11	47.11	1	52.36	52.36	5.25	11.14%	44.92%	43.50%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	400	0.0160	6.40	400	0.0116	4.64	-1.76	-27.50%	3.98%	3.86%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	400	0.0002	0.08	400	0.0002	0.08	0.00	0.00%	0.07%	0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>53.59</b>			<b>57.08</b>	<b>3.49</b>	<b>6.51%</b>	<b>48.97%</b>	<b>47.42%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.68%	0.66%
Line Losses on Cost of Power (based on two-tier RPP prices)	30	0.10	3.13	30	0.10	3.13	0.00	0.00%	2.69%	2.60%
Line Losses on Cost of Power (based on TOU prices)	30	0.11	3.39	30	0.11	3.39	0.00	0.00%	2.90%	2.81%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>57.51</b>			<b>61.00</b>	<b>3.49</b>	<b>6.07%</b>	<b>52.33%</b>	<b>50.68%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>57.77</b>			<b>61.26</b>	<b>3.49</b>	<b>6.04%</b>	<b>52.55%</b>	<b>50.89%</b>
Retail Transmission Rate – Network Service Rate	430	0.0072	3.10	430	0.0072	3.10	0.00	-0.10%	2.66%	2.57%
Retail Transmission Rate – Line and Transformation Connection Service Rate	430	0.0060	2.60	430	0.0059	2.54	-0.06	-2.19%	2.18%	2.11%
<b>Sub-Total: Retail Transmission</b>			<b>5.70</b>			<b>5.64</b>	<b>-0.06</b>	<b>-1.05%</b>	<b>4.84%</b>	<b>4.68%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>63.21</b>			<b>66.64</b>	<b>3.43</b>	<b>5.43%</b>	<b>57.17%</b>	<b>55.37%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>63.46</b>			<b>66.89</b>	<b>3.43</b>	<b>5.40%</b>	<b>57.39%</b>	<b>55.58%</b>
Wholesale Market Service Rate	430	0.0036	1.55	430	0.0036	1.55	0.00	0.00%	1.33%	1.29%
Rural Rate Protection Charge	430	0.0021	0.90	430	0.0021	0.90	0.00	0.00%	0.78%	0.75%
Ontario Electricity Support Program Charge	430	0.0011	0.47	430	0.0011	0.47	0.00	0.00%	0.41%	0.39%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.21%	0.21%
<b>Sub-Total: Regulatory</b>			<b>3.18</b>			<b>3.18</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.73%</b>	<b>2.64%</b>
<b>Debt Retirement Charge (DRC)</b>	400	0.000	<b>0.00</b>	400	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>107.59</b>			<b>111.02</b>	<b>3.43</b>	<b>3.19%</b>	<b>95.24%</b>	
HST		0.13	13.99		0.13	14.43	0.45	3.19%		12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>121.57</b>			<b>125.45</b>	<b>3.88</b>	<b>3.19%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-8.61		-0.08	-8.88	-0.27	3.19%		-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>112.97</b>			<b>116.57</b>	<b>3.60</b>	<b>3.19%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>111.20</b>			<b>114.63</b>	<b>3.43</b>	<b>3.08%</b>		<b>95.24%</b>
HST		0.13	14.46		0.13	14.90	0.45	3.08%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>125.65</b>			<b>129.53</b>	<b>3.88</b>	<b>3.08%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-8.90		-0.08	-9.17	-0.27	3.08%		-7.62%
<b>Total Amount on TOU</b>			<b>116.76</b>			<b>120.36</b>	<b>3.60</b>	<b>3.08%</b>		<b>100.00%</b>

**2021 Bill Impacts (Typical Consumption Level)**

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Rate Class	R1
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	807
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	35.64%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	10.47%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.10%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		24.01%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		9.53%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		13.76%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.18%</b>	<b>47.30%</b>
Service Charge	1	47.11	47.11	1	52.36	52.36	5.25	11.14%	30.19%	29.65%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	750	0.0160	12.00	750	0.0116	8.70	-3.30	-27.50%	5.02%	4.93%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	750	0.0002	0.15	750	0.0002	0.15	0.00	0.00%	0.09%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>59.26</b>			<b>61.21</b>	<b>1.95</b>	<b>3.29%</b>	<b>35.30%</b>	<b>34.66%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.46%	0.45%
Line Losses on Cost of Power (based on two-tier RPP prices)	57	0.12	6.90	57	0.12	6.90	0.00	0.00%	3.98%	3.91%
Line Losses on Cost of Power (based on TOU prices)	57	0.11	6.35	57	0.11	6.35	0.00	0.00%	3.66%	3.60%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>66.95</b>			<b>68.90</b>	<b>1.95</b>	<b>2.91%</b>	<b>39.73%</b>	<b>39.01%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>66.40</b>			<b>68.35</b>	<b>1.95</b>	<b>2.94%</b>	<b>39.41%</b>	<b>38.70%</b>
Retail Transmission Rate – Network Service Rate	807	0.0072	5.82	807	0.0072	5.81	-0.01	-0.10%	3.35%	3.29%
Retail Transmission Rate – Line and Transformation Connection Service Rate	807	0.0060	4.87	807	0.0059	4.76	-0.11	-2.19%	2.75%	2.70%
<b>Sub-Total: Retail Transmission</b>			<b>10.68</b>			<b>10.57</b>	<b>-0.11</b>	<b>-1.05%</b>	<b>6.10%</b>	<b>5.99%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>77.63</b>			<b>79.47</b>	<b>1.84</b>	<b>2.37%</b>	<b>45.83%</b>	<b>45.00%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>77.08</b>			<b>78.92</b>	<b>1.84</b>	<b>2.38%</b>	<b>45.51%</b>	<b>44.69%</b>
Wholesale Market Service Rate	807	0.0036	2.91	807	0.0036	2.91	0.00	0.00%	1.68%	1.64%
Rural Rate Protection Charge	807	0.0021	1.69	807	0.0021	1.69	0.00	0.00%	0.98%	0.96%
Ontario Electricity Support Program Charge	807	0.0011	0.89	807	0.0011	0.89	0.00	0.00%	0.51%	0.50%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.14%	0.14%
<b>Sub-Total: Regulatory</b>			<b>5.74</b>			<b>5.74</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.31%</b>	<b>3.25%</b>
<b>Debt Retirement Charge (DRC)</b>	750	0.000	<b>0.00</b>	750	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>163.32</b>			<b>165.16</b>	<b>1.84</b>	<b>1.13%</b>	<b>95.24%</b>	
HST		0.13	21.23		0.13	21.47	0.24	1.13%		12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>184.55</b>			<b>186.63</b>	<b>2.08</b>	<b>1.13%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-13.07		-0.08	-13.21	-0.15	1.13%		-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>171.48</b>			<b>173.41</b>	<b>1.93</b>	<b>1.13%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>166.36</b>			<b>168.20</b>	<b>1.84</b>	<b>1.10%</b>		<b>95.24%</b>
HST		0.13	21.63		0.13	21.87	0.24	1.10%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>187.99</b>			<b>190.07</b>	<b>2.08</b>	<b>1.10%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-13.31		-0.08	-13.46	-0.15	1.10%		-7.62%
<b>Total Amount on TOU</b>			<b>174.68</b>			<b>176.61</b>	<b>1.93</b>	<b>1.10%</b>		<b>100.00%</b>

**2021 Bill Impacts (High Consumption Level)**

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Rate Class	R1
Monthly Consumption (kWh)	1800
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1937
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	17.48%	
Energy Second Tier (kWh)	1,200	0.121	145.20	1,200	0.121	145.20	0.00	0.00%	41.07%	
<b>Sub-Total: Energy (RPP)</b>			<b>207.00</b>			<b>207.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.55%</b>	
TOU-Off Peak	1,170	0.087	101.79	1,170	0.087	101.79	0.00	0.00%		29.47%
TOU-Mid Peak	306	0.132	40.39	306	0.132	40.39	0.00	0.00%		11.70%
TOU-On Peak	324	0.180	58.32	324	0.180	58.32	0.00	0.00%		16.89%
<b>Sub-Total: Energy (TOU)</b>			<b>200.50</b>			<b>200.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.71%</b>	<b>58.05%</b>
Service Charge	1	47.11	47.11	1	52.36	52.36	5.25	11.14%	14.81%	15.16%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,800	0.0160	28.80	1,800	0.0116	20.88	-7.92	-27.50%	5.91%	6.05%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,800	0.0002	0.36	1,800	0.0002	0.36	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>76.27</b>			<b>73.60</b>	<b>-2.67</b>	<b>-3.50%</b>	<b>20.82%</b>	<b>21.31%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.22%	0.23%
Line Losses on Cost of Power (based on two-tier RPP prices)	137	0.12	16.55	137	0.12	16.55	0.00	0.00%	4.68%	4.79%
Line Losses on Cost of Power (based on TOU prices)	137	0.11	15.24	137	0.11	15.24	0.00	0.00%	4.31%	4.41%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>93.61</b>			<b>90.94</b>	<b>-2.67</b>	<b>-2.85%</b>	<b>25.72%</b>	<b>26.33%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>92.30</b>			<b>89.63</b>	<b>-2.67</b>	<b>-2.89%</b>	<b>25.35%</b>	<b>25.95%</b>
Retail Transmission Rate – Network Service Rate	1,937	0.0072	13.96	1,937	0.0072	13.94	-0.01	-0.10%	3.94%	4.04%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,937	0.0060	11.68	1,937	0.0059	11.43	-0.26	-2.19%	3.23%	3.31%
<b>Sub-Total: Retail Transmission</b>			<b>25.64</b>			<b>25.37</b>	<b>-0.27</b>	<b>-1.05%</b>	<b>7.18%</b>	<b>7.35%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>119.25</b>			<b>116.31</b>	<b>-2.94</b>	<b>-2.46%</b>	<b>32.90%</b>	<b>33.68%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>117.94</b>			<b>115.00</b>	<b>-2.94</b>	<b>-2.49%</b>	<b>32.53%</b>	<b>33.30%</b>
Wholesale Market Service Rate	1,937	0.0036	6.97	1,937	0.0036	6.97	0.00	0.00%	1.97%	2.02%
Rural Rate Protection Charge	1,937	0.0021	4.07	1,937	0.0021	4.07	0.00	0.00%	1.15%	1.18%
Ontario Electricity Support Program Charge	1,937	0.0011	2.13	1,937	0.0011	2.13	0.00	0.00%	0.60%	0.62%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.07%	0.07%
<b>Sub-Total: Regulatory</b>			<b>13.42</b>			<b>13.42</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.80%</b>	<b>3.89%</b>
<b>Debt Retirement Charge (DRC)</b>	1,800	0.000	<b>0.00</b>	1,800	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>339.67</b>			<b>336.74</b>	<b>-2.94</b>	<b>-0.87%</b>	<b>95.24%</b>	
HST		0.13	44.16		0.13	43.78	-0.38	-0.87%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>383.83</b>			<b>380.51</b>	<b>-3.32</b>	<b>-0.87%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-27.17		-0.08	-26.94	0.24	-0.87%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>356.66</b>			<b>353.57</b>	<b>-3.09</b>	<b>-0.87%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>331.86</b>			<b>328.92</b>	<b>-2.94</b>	<b>-0.89%</b>		<b>95.24%</b>
HST		0.13	43.14		0.13	42.76	-0.38	-0.89%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>375.00</b>			<b>371.68</b>	<b>-3.32</b>	<b>-0.89%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-26.55		-0.08	-26.31	0.24	-0.89%	-7.62%	
<b>Total Amount on TOU</b>			<b>348.45</b>			<b>345.37</b>	<b>-3.09</b>	<b>-0.89%</b>		<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	R1
Monthly Consumption (kWh)	920
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	990
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	30.51%	
Energy Second Tier (kWh)	320	0.121	38.72	320	0.121	38.72	0.00	0.00%	19.11%	
<b>Sub-Total: Energy (RPP)</b>			<b>100.52</b>			<b>100.52</b>	<b>0.00</b>	<b>0.00%</b>	<b>49.62%</b>	
TOU-Off Peak	598	0.087	52.03	598	0.087	52.03	0.00	0.00%		25.51%
TOU-Mid Peak	156	0.132	20.64	156	0.132	20.64	0.00	0.00%		10.12%
TOU-On Peak	166	0.180	29.81	166	0.180	29.81	0.00	0.00%		14.62%
<b>Sub-Total: Energy (TOU)</b>			<b>102.48</b>			<b>102.48</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.59%</b>	<b>50.25%</b>
Service Charge	1	47.11	47.11	1	52.36	52.36	5.25	11.14%	25.85%	25.68%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	920	0.0160	14.72	920	0.0116	10.67	-4.05	-27.50%	5.27%	5.23%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	920	0.0002	0.18	920	0.0002	0.18	0.00	0.00%	0.09%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>62.01</b>			<b>63.22</b>	<b>1.20</b>	<b>1.94%</b>	<b>31.21%</b>	<b>31.00%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.39%	0.39%
Line Losses on Cost of Power (based on two-tier RPP prices)	70	0.12	8.46	70	0.12	8.46	0.00	0.00%	4.18%	4.15%
Line Losses on Cost of Power (based on TOU prices)	70	0.11	7.79	70	0.11	7.79	0.00	0.00%	3.84%	3.82%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>71.26</b>			<b>72.47</b>	<b>1.20</b>	<b>1.69%</b>	<b>35.77%</b>	<b>35.53%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>70.59</b>			<b>71.79</b>	<b>1.20</b>	<b>1.70%</b>	<b>35.44%</b>	<b>35.20%</b>
Retail Transmission Rate – Network Service Rate	990	0.0072	7.13	990	0.0072	7.13	-0.01	-0.10%	3.52%	3.49%
Retail Transmission Rate – Line and Transformation Connection Service Rate	990	0.0060	5.97	990	0.0059	5.84	-0.13	-2.19%	2.88%	2.86%
<b>Sub-Total: Retail Transmission</b>			<b>13.11</b>			<b>12.97</b>	<b>-0.14</b>	<b>-1.05%</b>	<b>6.40%</b>	<b>6.36%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>84.37</b>			<b>85.43</b>	<b>1.06</b>	<b>1.26%</b>	<b>42.17%</b>	<b>41.89%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>83.70</b>			<b>84.76</b>	<b>1.06</b>	<b>1.27%</b>	<b>41.84%</b>	<b>41.56%</b>
Wholesale Market Service Rate	990	0.0036	3.56	990	0.0036	3.56	0.00	0.00%	1.76%	1.75%
Rural Rate Protection Charge	990	0.0021	2.08	990	0.0021	2.08	0.00	0.00%	1.03%	1.02%
Ontario Electricity Support Program Charge	990	0.0011	1.09	990	0.0011	1.09	0.00	0.00%	0.54%	0.53%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.12%	0.12%
<b>Sub-Total: Regulatory</b>			<b>6.98</b>			<b>6.98</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.45%</b>	<b>3.42%</b>
<b>Debt Retirement Charge (DRC)</b>	920	0.000	<b>0.00</b>	920	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>191.87</b>			<b>192.94</b>	<b>1.06</b>	<b>0.55%</b>	<b>95.24%</b>	
HST		0.13	24.94		0.13	25.08	0.14	0.55%		12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>216.81</b>			<b>218.02</b>	<b>1.20</b>	<b>0.55%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-15.35		-0.08	-15.43	-0.09	0.55%		-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>201.46</b>			<b>202.58</b>	<b>1.12</b>	<b>0.55%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>193.16</b>			<b>194.22</b>	<b>1.06</b>	<b>0.55%</b>		<b>95.24%</b>
HST		0.13	25.11		0.13	25.25	0.14	0.55%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>218.27</b>			<b>219.47</b>	<b>1.20</b>	<b>0.55%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-15.45		-0.08	-15.54	-0.09	0.55%		-7.62%
<b>Total Amount on TOU</b>			<b>202.82</b>			<b>203.93</b>	<b>1.12</b>	<b>0.55%</b>		<b>100.00%</b>

**2021 Bill Impacts (Low Consumption Level)**

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Rate Class	R2
Monthly Consumption (kWh)	450
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	497
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	450	0.103	46.35	450	0.103	46.35	0.00	0.00%	34.99%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>46.35</b>			<b>46.35</b>	<b>0.00</b>	<b>0.00%</b>	<b>34.99%</b>	
TOU-Off Peak	293	0.087	25.45	293	0.087	25.45	0.00	0.00%		18.60%
TOU-Mid Peak	77	0.132	10.10	77	0.132	10.10	0.00	0.00%		7.38%
TOU-On Peak	81	0.180	14.58	81	0.180	14.58	0.00	0.00%		10.66%
<b>Sub-Total: Energy (TOU)</b>			<b>50.13</b>			<b>50.13</b>	<b>0.00</b>	<b>0.00%</b>	<b>37.84%</b>	<b>36.63%</b>
Service Charge	1	44.24	44.24	1	55.32	55.32	11.08	25.05%	41.77%	40.43%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	-0.02%	-0.01%
Distribution Volumetric Rate	450	0.0268	12.06	450	0.02	9.00	-3.06	-25.37%	6.79%	6.58%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	450	0.0002	0.09	450	0.0002	0.09	0.00	0.00%	0.07%	0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>56.37</b>			<b>64.39</b>	<b>8.02</b>	<b>14.23%</b>	<b>48.61%</b>	<b>47.06%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.60%	0.58%
Line Losses on Cost of Power (based on two-tier RPP prices)	47	0.10	4.87	47	0.10	4.87	0.00	0.00%	3.67%	3.56%
Line Losses on Cost of Power (based on TOU prices)	47	0.11	5.26	47	0.11	5.26	0.00	0.00%	3.97%	3.85%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>62.03</b>			<b>70.05</b>	<b>8.02</b>	<b>12.93%</b>	<b>52.88%</b>	<b>51.19%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>62.42</b>			<b>70.44</b>	<b>8.02</b>	<b>12.85%</b>	<b>53.18%</b>	<b>51.48%</b>
Retail Transmission Rate – Network Service Rate	497	0.0067	3.35	497	0.0068	3.38	0.03	0.89%	2.55%	2.47%
Retail Transmission Rate – Line and Transformation Connection Service Rate	497	0.0056	2.80	497	0.0055	2.73	-0.06	-2.31%	2.06%	2.00%
<b>Sub-Total: Retail Transmission</b>			<b>6.15</b>			<b>6.12</b>	<b>-0.03</b>	<b>-0.57%</b>	<b>4.62%</b>	<b>4.47%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>68.18</b>			<b>76.16</b>	<b>7.99</b>	<b>11.71%</b>	<b>57.50%</b>	<b>55.66%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>68.57</b>			<b>76.56</b>	<b>7.99</b>	<b>11.64%</b>	<b>57.80%</b>	<b>55.95%</b>
Wholesale Market Service Rate	497	0.0036	1.79	497	0.0036	1.79	0.00	0.00%	1.35%	1.31%
Rural Rate Protection Charge	497	0.0021	1.04	497	0.0021	1.04	0.00	0.00%	0.79%	0.76%
Ontario Electricity Support Program Charge	497	0.0011	0.55	497	0.0011	0.55	0.00	0.00%	0.41%	0.40%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.19%	0.18%
<b>Sub-Total: Regulatory</b>			<b>3.63</b>			<b>3.63</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.74%</b>	<b>2.65%</b>
<b>Debt Retirement Charge (DRC)</b>	450	0.000	<b>0.00</b>	450	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>118.16</b>			<b>126.14</b>	<b>7.99</b>	<b>6.76%</b>	<b>95.24%</b>	
HST		0.13	15.36		0.13	16.40	1.04	6.76%		12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>133.52</b>			<b>142.54</b>	<b>9.02</b>	<b>6.76%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-9.45		-0.08	-10.09	-0.64	6.76%		-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>124.07</b>			<b>132.45</b>	<b>8.38</b>	<b>6.76%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>122.33</b>			<b>130.32</b>	<b>7.99</b>	<b>6.53%</b>		<b>95.24%</b>
HST		0.13	15.90		0.13	16.94	1.04	6.53%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>138.23</b>			<b>147.26</b>	<b>9.02</b>	<b>6.53%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-9.79		-0.08	-10.43	-0.64	6.53%		-7.62%
<b>Total Amount on TOU</b>			<b>128.45</b>			<b>136.83</b>	<b>8.38</b>	<b>6.53%</b>		<b>100.00%</b>

**2021 Bill Impacts (Typical Consumption Level)**

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Rate Class	R2
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	829
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	33.29%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	9.78%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.07%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		22.49%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		8.92%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		12.88%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.00%</b>	<b>44.29%</b>
Service Charge	1	44.24	44.24	1	55.32	55.32	11.08	25.05%	29.80%	29.33%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	-0.01%	-0.01%
Distribution Volumetric Rate	750	0.0268	20.10	750	0.02	15.00	-5.10	-25.37%	8.08%	7.95%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	750	0.0002	0.15	750	0.0002	0.15	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>64.47</b>			<b>70.45</b>	<b>5.98</b>	<b>9.28%</b>	<b>37.95%</b>	<b>37.35%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.43%	0.42%
Line Losses on Cost of Power (based on two-tier RPP prices)	79	0.12	9.53	79	0.12	9.53	0.00	0.00%	5.13%	5.05%
Line Losses on Cost of Power (based on TOU prices)	79	0.11	8.77	79	0.11	8.77	0.00	0.00%	4.73%	4.65%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>74.79</b>			<b>80.77</b>	<b>5.98</b>	<b>8.00%</b>	<b>43.51%</b>	<b>42.82%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>74.03</b>			<b>80.01</b>	<b>5.98</b>	<b>8.08%</b>	<b>43.10%</b>	<b>42.42%</b>
Retail Transmission Rate – Network Service Rate	829	0.0067	5.59	829	0.0068	5.64	0.05	0.89%	3.04%	2.99%
Retail Transmission Rate – Line and Transformation Connection Service Rate	829	0.0056	4.67	829	0.0055	4.56	-0.11	-2.31%	2.46%	2.42%
<b>Sub-Total: Retail Transmission</b>			<b>10.25</b>			<b>10.19</b>	<b>-0.06</b>	<b>-0.57%</b>	<b>5.49%</b>	<b>5.40%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>85.04</b>			<b>90.96</b>	<b>5.92</b>	<b>6.96%</b>	<b>49.00%</b>	<b>48.23%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>84.28</b>			<b>90.21</b>	<b>5.92</b>	<b>7.03%</b>	<b>48.59%</b>	<b>47.83%</b>
Wholesale Market Service Rate	829	0.0036	2.98	829	0.0036	2.98	0.00	0.00%	1.61%	1.58%
Rural Rate Protection Charge	829	0.0021	1.74	829	0.0021	1.74	0.00	0.00%	0.94%	0.92%
Ontario Electricity Support Program Charge	829	0.0011	0.91	829	0.0011	0.91	0.00	0.00%	0.49%	0.48%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.13%	0.13%
<b>Sub-Total: Regulatory</b>			<b>5.89</b>			<b>5.89</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.17%</b>	<b>3.12%</b>
<b>Debt Retirement Charge (DRC)</b>	750	0.000	<b>0.00</b>	750	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>170.88</b>			<b>176.80</b>	<b>5.92</b>	<b>3.47%</b>	<b>95.24%</b>	
HST		0.13	22.21		0.13	22.98	0.77	3.47%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>193.09</b>			<b>199.78</b>	<b>6.69</b>	<b>3.47%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-13.67		-0.08	-14.14	-0.47	3.47%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>179.42</b>			<b>185.64</b>	<b>6.22</b>	<b>3.47%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>173.71</b>			<b>179.63</b>	<b>5.92</b>	<b>3.41%</b>		<b>95.24%</b>
HST		0.13	22.58		0.13	23.35	0.77	3.41%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>196.29</b>			<b>202.99</b>	<b>6.69</b>	<b>3.41%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-13.90		-0.08	-14.37	-0.47	3.41%		-7.62%
<b>Total Amount on TOU</b>			<b>182.40</b>			<b>188.61</b>	<b>6.22</b>	<b>3.41%</b>		<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	R2
Monthly Consumption (kWh)	1,152
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1273
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	23.81%	
Energy Second Tier (kWh)	552	0.121	66.79	552	0.121	66.79	0.00	0.00%	25.74%	
<b>Sub-Total: Energy (RPP)</b>			<b>128.59</b>			<b>128.59</b>	<b>0.00</b>	<b>0.00%</b>	<b>49.55%</b>	
TOU-Off Peak	749	0.087	65.15	749	0.087	65.15	0.00	0.00%		25.25%
TOU-Mid Peak	196	0.132	25.85	196	0.132	25.85	0.00	0.00%		10.02%
TOU-On Peak	207	0.180	37.32	207	0.180	37.32	0.00	0.00%		14.47%
<b>Sub-Total: Energy (TOU)</b>			<b>128.32</b>			<b>128.32</b>	<b>0.00</b>	<b>0.00%</b>	<b>49.45%</b>	<b>49.74%</b>
Service Charge	1	44.24	44.24	1	55.32	55.32	11.08	25.05%	21.32%	21.44%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	-0.01%	-0.01%
Distribution Volumetric Rate	1,152	0.0268	30.87	1,152	0.02	23.04	-7.83	-25.37%	8.88%	8.93%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,152	0.0002	0.23	1,152	0.0002	0.23	0.00	0.00%	0.09%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>75.32</b>			<b>78.57</b>	<b>3.25</b>	<b>4.31%</b>	<b>30.28%</b>	<b>30.45%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.30%	0.31%
Line Losses on Cost of Power (based on two-tier RPP prices)	121	0.12	14.64	121	0.12	14.64	0.00	0.00%	5.64%	5.67%
Line Losses on Cost of Power (based on TOU prices)	121	0.11	13.47	121	0.11	13.47	0.00	0.00%	5.19%	5.22%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>90.75</b>			<b>94.00</b>	<b>3.25</b>	<b>3.58%</b>	<b>36.22%</b>	<b>36.43%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>89.59</b>			<b>92.83</b>	<b>3.25</b>	<b>3.62%</b>	<b>35.77%</b>	<b>35.98%</b>
Retail Transmission Rate – Network Service Rate	1,273	0.0067	8.58	1,273	0.0068	8.66	0.08	0.89%	3.34%	3.36%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,273	0.0056	7.17	1,273	0.0055	7.00	-0.17	-2.31%	2.70%	2.71%
<b>Sub-Total: Retail Transmission</b>			<b>15.75</b>			<b>15.66</b>	<b>-0.09</b>	<b>-0.57%</b>	<b>6.03%</b>	<b>6.07%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>106.50</b>			<b>109.65</b>	<b>3.16</b>	<b>2.96%</b>	<b>42.25%</b>	<b>42.50%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>105.33</b>			<b>108.49</b>	<b>3.16</b>	<b>3.00%</b>	<b>41.81%</b>	<b>42.05%</b>
Wholesale Market Service Rate	1,273	0.0036	4.58	1,273	0.0036	4.58	0.00	0.00%	1.77%	1.78%
Rural Rate Protection Charge	1,273	0.0021	2.67	1,273	0.0021	2.67	0.00	0.00%	1.03%	1.04%
Ontario Electricity Support Program Charge	1,273	0.0011	1.40	1,273	0.0011	1.40	0.00	0.00%	0.54%	0.54%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Regulatory</b>			<b>8.91</b>			<b>8.91</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.43%</b>	<b>3.45%</b>
<b>Debt Retirement Charge (DRC)</b>	1,152	0.000	<b>0.00</b>	1,152	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>243.99</b>			<b>247.15</b>	<b>3.16</b>	<b>1.29%</b>	<b>95.24%</b>	
HST		0.13	31.72		0.13	32.13	0.41	1.29%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>275.71</b>			<b>279.28</b>	<b>3.57</b>	<b>1.29%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-19.52		-0.08	-19.77	-0.25	1.29%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>256.19</b>			<b>259.51</b>	<b>3.32</b>	<b>1.29%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>242.56</b>			<b>245.72</b>	<b>3.16</b>	<b>1.30%</b>		<b>95.24%</b>
HST		0.13	31.53		0.13	31.94	0.41	1.30%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>274.09</b>			<b>277.66</b>	<b>3.57</b>	<b>1.30%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-19.40		-0.08	-19.66	-0.25	1.30%	-7.62%	
<b>Total Amount on TOU</b>			<b>254.69</b>			<b>258.00</b>	<b>3.32</b>	<b>1.30%</b>	<b>100.00%</b>	

**2021 Bill Impacts (High Consumption Level)**

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Rate Class	R2
Monthly Consumption (kWh)	2300
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	2542
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	13.14%	
Energy Second Tier (kWh)	1,700	0.121	205.70	1,700	0.121	205.70	0.00	0.00%	43.72%	
<b>Sub-Total: Energy (RPP)</b>			<b>267.50</b>			<b>267.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.86%</b>	
TOU-Off Peak	1,495	0.087	130.07	1,495	0.087	130.07	0.00	0.00%		28.51%
TOU-Mid Peak	391	0.132	51.61	391	0.132	51.61	0.00	0.00%		11.31%
TOU-On Peak	414	0.180	74.52	414	0.180	74.52	0.00	0.00%		16.34%
<b>Sub-Total: Energy (TOU)</b>			<b>256.20</b>			<b>256.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.46%</b>	<b>56.16%</b>
Service Charge	1	44.24	44.24	1	55.32	55.32	11.08	25.05%	11.76%	12.13%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	2,300	0.0268	61.64	2,300	0.02	46.00	-15.64	-25.37%	9.78%	10.08%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	2,300	0.0002	0.46	2,300	0.0002	0.46	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>106.32</b>			<b>101.76</b>	<b>-4.56</b>	<b>-4.29%</b>	<b>21.63%</b>	<b>22.31%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.17%	0.17%
Line Losses on Cost of Power (based on two-tier RPP prices)	242	0.12	29.22	242	0.12	29.22	0.00	0.00%	6.21%	6.41%
Line Losses on Cost of Power (based on TOU prices)	242	0.11	26.90	242	0.11	26.90	0.00	0.00%	5.72%	5.90%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>136.33</b>			<b>131.77</b>	<b>-4.56</b>	<b>-3.34%</b>	<b>28.01%</b>	<b>28.89%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>134.01</b>			<b>129.45</b>	<b>-4.56</b>	<b>-3.40%</b>	<b>27.52%</b>	<b>28.38%</b>
Retail Transmission Rate – Network Service Rate	2,542	0.0067	17.13	2,542	0.0068	17.28	0.15	0.89%	3.67%	3.79%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,542	0.0056	14.31	2,542	0.0055	13.98	-0.33	-2.31%	2.97%	3.06%
<b>Sub-Total: Retail Transmission</b>			<b>31.44</b>			<b>31.26</b>	<b>-0.18</b>	<b>-0.57%</b>	<b>6.64%</b>	<b>6.85%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>167.77</b>			<b>163.03</b>	<b>-4.74</b>	<b>-2.82%</b>	<b>34.65%</b>	<b>35.74%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>165.45</b>			<b>160.71</b>	<b>-4.74</b>	<b>-2.86%</b>	<b>34.16%</b>	<b>35.23%</b>
Wholesale Market Service Rate	2,542	0.0036	9.15	2,542	0.0036	9.15	0.00	0.00%	1.94%	2.01%
Rural Rate Protection Charge	2,542	0.0021	5.34	2,542	0.0021	5.34	0.00	0.00%	1.13%	1.17%
Ontario Electricity Support Program Charge	2,542	0.0011	2.80	2,542	0.0011	2.80	0.00	0.00%	0.59%	0.61%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>17.53</b>			<b>17.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.73%</b>	<b>3.84%</b>
<b>Debt Retirement Charge (DRC)</b>	2,300	0.000	<b>0.00</b>	2,300	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>452.80</b>			<b>448.06</b>	<b>-4.74</b>	<b>-1.05%</b>	<b>95.24%</b>	
HST		0.13	58.86		0.13	58.25	-0.62	-1.05%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>511.67</b>			<b>506.31</b>	<b>-5.35</b>	<b>-1.05%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-36.22		-0.08	-35.85	0.38	-1.05%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>475.44</b>			<b>470.47</b>	<b>-4.97</b>	<b>-1.05%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>439.18</b>			<b>434.44</b>	<b>-4.74</b>	<b>-1.08%</b>		<b>95.24%</b>
HST		0.13	57.09		0.13	56.48	-0.62	-1.08%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>496.27</b>			<b>490.92</b>	<b>-5.35</b>	<b>-1.08%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-35.13		-0.08	-34.76	0.38	-1.08%		-7.62%
<b>Total Amount on TOU</b>			<b>461.14</b>			<b>456.16</b>	<b>-4.97</b>	<b>-1.08%</b>		<b>100.00%</b>

**2021 Bill Impacts (Low Consumption Level)**

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Rate Class	Seasonal
Monthly Consumption (kWh)	50
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	55
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	50	0.103	5.15	50	0.103	5.15	0.00	0.00%	7.58%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>5.15</b>			<b>5.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.58%</b>	
TOU-Off Peak	33	0.087	2.83	33	0.087	2.83	0.00	0.00%		4.13%
TOU-Mid Peak	9	0.132	1.12	9	0.132	1.12	0.00	0.00%		1.64%
TOU-On Peak	9	0.180	1.62	9	0.180	1.62	0.00	0.00%		2.37%
<b>Sub-Total: Energy (TOU)</b>			<b>5.57</b>			<b>5.57</b>	<b>0.00</b>	<b>0.00%</b>	<b>8.20%</b>	<b>8.14%</b>
Service Charge	1	50.12	50.12	1	55.4	55.40	5.28	10.53%	81.59%	81.01%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	50	0.0439	2.20	50	0.0315	1.58	-0.62	-28.25%	2.32%	2.30%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	50	0.0002	0.01	50	0.0002	0.01	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>52.33</b>			<b>56.99</b>	<b>4.66</b>	<b>8.91%</b>	<b>83.93%</b>	<b>83.33%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.16%	1.16%
Line Losses on Cost of Power (based on two-tier RPP prices)	5	0.10	0.54	5	0.10	0.54	0.00	0.00%	0.79%	0.78%
Line Losses on Cost of Power (based on TOU prices)	5	0.11	0.58	5	0.11	0.58	0.00	0.00%	0.85%	0.85%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>53.65</b>			<b>58.31</b>	<b>4.66</b>	<b>8.69%</b>	<b>85.88%</b>	<b>85.27%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>53.69</b>			<b>58.35</b>	<b>4.66</b>	<b>8.68%</b>	<b>85.94%</b>	<b>85.33%</b>
Retail Transmission Rate – Network Service Rate	55	0.0057	0.31	55	0.0058	0.32	0.01	2.55%	0.47%	0.47%
Retail Transmission Rate – Line and Transformation Connection Service Rate	55	0.0048	0.27	55	0.0047	0.26	-0.01	-2.51%	0.38%	0.38%
<b>Sub-Total: Retail Transmission</b>			<b>0.58</b>			<b>0.58</b>	<b>0.00</b>	<b>0.22%</b>	<b>0.85%</b>	<b>0.85%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>54.23</b>			<b>58.89</b>	<b>4.66</b>	<b>8.60%</b>	<b>86.73%</b>	<b>86.12%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>54.27</b>			<b>58.93</b>	<b>4.66</b>	<b>8.59%</b>	<b>86.80%</b>	<b>86.18%</b>
Wholesale Market Service Rate	55	0.0036	0.20	55	0.0036	0.20	0.00	0.00%	0.29%	0.29%
Rural Rate Protection Charge	55	0.0021	0.12	55	0.0021	0.12	0.00	0.00%	0.17%	0.17%
Ontario Electricity Support Program Charge	55	0.0011	0.06	55	0.0011	0.06	0.00	0.00%	0.09%	0.09%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.37%	0.37%
<b>Sub-Total: Regulatory</b>			<b>0.63</b>			<b>0.63</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.92%</b>	<b>0.91%</b>
<b>Debt Retirement Charge (DRC)</b>	50	0.000	<b>0.00</b>	50	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>60.00</b>			<b>64.67</b>	<b>4.66</b>	<b>7.77%</b>	<b>95.24%</b>	
HST		0.13	7.80		0.13	8.41	0.61	7.77%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>67.80</b>			<b>73.07</b>	<b>5.27</b>	<b>7.77%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-4.80		-0.08	-5.17	-0.37	7.77%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>63.00</b>			<b>67.90</b>	<b>4.89</b>	<b>7.77%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>60.47</b>			<b>65.13</b>	<b>4.66</b>	<b>7.71%</b>		<b>95.24%</b>
HST		0.13	7.86		0.13	8.47	0.61	7.71%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>68.33</b>			<b>73.60</b>	<b>5.27</b>	<b>7.71%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-4.84		-0.08	-5.21	-0.37	7.71%	-7.62%	
<b>Total Amount on TOU</b>			<b>63.49</b>			<b>68.39</b>	<b>4.89</b>	<b>7.71%</b>		<b>100.00%</b>

**2021 Bill Impacts (Typical Consumption Level)**

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Rate Class	Seasonal
Monthly Consumption (kWh)	350
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	386
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	350	0.103	36.05	350	0.103	36.05	0.00	0.00%	30.11%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.05</b>			<b>36.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>30.11%</b>	
TOU-Off Peak	228	0.087	19.79	228	0.087	19.79	0.00	0.00%		16.08%
TOU-Mid Peak	60	0.132	7.85	60	0.132	7.85	0.00	0.00%		6.38%
TOU-On Peak	63	0.180	11.34	63	0.180	11.34	0.00	0.00%		9.21%
<b>Sub-Total: Energy (TOU)</b>			<b>38.99</b>			<b>38.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>32.56%</b>	<b>31.66%</b>
Service Charge	1	50.12	50.12	1	55.4	55.40	5.28	10.53%	46.27%	45.00%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	350	0.0439	15.37	350	0.0315	11.03	-4.34	-28.25%	9.21%	8.95%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	350	0.0002	0.07	350	0.0002	0.07	0.00	0.00%	0.06%	0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>65.56</b>			<b>66.50</b>	<b>0.94</b>	<b>1.43%</b>	<b>55.54%</b>	<b>54.01%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.66%	0.64%
Line Losses on Cost of Power (based on two-tier RPP prices)	36	0.10	3.75	36	0.10	3.75	0.00	0.00%	3.13%	3.05%
Line Losses on Cost of Power (based on TOU prices)	36	0.11	4.05	36	0.11	4.05	0.00	0.00%	3.39%	3.29%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>70.09</b>			<b>71.03</b>	<b>0.94</b>	<b>1.34%</b>	<b>59.33%</b>	<b>57.69%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>70.40</b>			<b>71.34</b>	<b>0.94</b>	<b>1.34%</b>	<b>59.59%</b>	<b>57.94%</b>
Retail Transmission Rate – Network Service Rate	386	0.0057	2.19	386	0.0058	2.24	0.06	2.55%	1.87%	1.82%
Retail Transmission Rate – Line and Transformation Connection Service Rate	386	0.0048	1.86	386	0.0047	1.82	-0.05	-2.51%	1.52%	1.48%
<b>Sub-Total: Retail Transmission</b>			<b>4.05</b>			<b>4.06</b>	<b>0.01</b>	<b>0.22%</b>	<b>3.39%</b>	<b>3.30%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>74.14</b>			<b>75.09</b>	<b>0.95</b>	<b>1.28%</b>	<b>62.72%</b>	<b>60.99%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>74.45</b>			<b>75.40</b>	<b>0.95</b>	<b>1.27%</b>	<b>62.98%</b>	<b>61.24%</b>
Wholesale Market Service Rate	386	0.0036	1.39	386	0.0036	1.39	0.00	0.00%	1.16%	1.13%
Rural Rate Protection Charge	386	0.0021	0.81	386	0.0021	0.81	0.00	0.00%	0.68%	0.66%
Ontario Electricity Support Program Charge	386	0.0011	0.43	386	0.0011	0.43	0.00	0.00%	0.36%	0.35%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.21%	0.20%
<b>Sub-Total: Regulatory</b>			<b>2.88</b>			<b>2.88</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.40%</b>	<b>2.34%</b>
<b>Debt Retirement Charge (DRC)</b>	350	0.000	<b>0.00</b>	350	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>113.07</b>			<b>114.02</b>	<b>0.95</b>	<b>0.84%</b>	<b>95.24%</b>	
HST		0.13	14.70		0.13	14.82	0.12	0.84%		12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>127.77</b>			<b>128.84</b>	<b>1.07</b>	<b>0.84%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-9.05		-0.08	-9.12	-0.08	0.84%		-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>118.72</b>			<b>119.72</b>	<b>1.00</b>	<b>0.84%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>116.31</b>			<b>117.26</b>	<b>0.95</b>	<b>0.82%</b>		<b>95.24%</b>
HST		0.13	15.12		0.13	15.24	0.12	0.82%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>131.43</b>			<b>132.50</b>	<b>1.07</b>	<b>0.82%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-9.30		-0.08	-9.38	-0.08	0.82%		-7.62%
<b>Total Amount on TOU</b>			<b>122.13</b>			<b>123.12</b>	<b>1.00</b>	<b>0.82%</b>		<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	Seasonal
Monthly Consumption (kWh)	352
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	389
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	352	0.103	36.26	352	0.103	36.26	0.00	0.00%	30.20%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.26</b>			<b>36.26</b>	<b>0.00</b>	<b>0.00%</b>	<b>30.20%</b>	
TOU-Off Peak	229	0.087	19.91	229	0.087	19.91	0.00	0.00%		16.12%
TOU-Mid Peak	60	0.132	7.90	60	0.132	7.90	0.00	0.00%		6.40%
TOU-On Peak	63	0.180	11.40	63	0.180	11.40	0.00	0.00%		9.24%
<b>Sub-Total: Energy (TOU)</b>			<b>39.21</b>			<b>39.21</b>	<b>0.00</b>	<b>0.00%</b>	<b>32.66%</b>	<b>31.75%</b>
Service Charge	1	50.12	50.12	1	55.4	55.40	5.28	10.53%	46.14%	44.86%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	352	0.0439	15.45	352	0.0315	11.09	-4.36	-28.25%	9.23%	8.98%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	352	0.0002	0.07	352	0.0002	0.07	0.00	0.00%	0.06%	0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>65.64</b>			<b>66.56</b>	<b>0.92</b>	<b>1.39%</b>	<b>55.44%</b>	<b>53.90%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.66%	0.64%
Line Losses on Cost of Power (based on two-tier RPP prices)	37	0.10	3.77	37	0.10	3.77	0.00	0.00%	3.14%	3.05%
Line Losses on Cost of Power (based on TOU prices)	37	0.11	4.08	37	0.11	4.08	0.00	0.00%	3.40%	3.30%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>70.20</b>			<b>71.12</b>	<b>0.92</b>	<b>1.30%</b>	<b>59.23%</b>	<b>57.59%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>70.51</b>			<b>71.43</b>	<b>0.92</b>	<b>1.30%</b>	<b>59.49%</b>	<b>57.84%</b>
Retail Transmission Rate – Network Service Rate	389	0.0057	2.20	389	0.0058	2.25	0.06	2.55%	1.88%	1.83%
Retail Transmission Rate – Line and Transformation Connection Service Rate	389	0.0048	1.87	389	0.0047	1.83	-0.05	-2.51%	1.52%	1.48%
<b>Sub-Total: Retail Transmission</b>			<b>4.07</b>			<b>4.08</b>	<b>0.01</b>	<b>0.22%</b>	<b>3.40%</b>	<b>3.30%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>74.28</b>			<b>75.20</b>	<b>0.92</b>	<b>1.24%</b>	<b>62.63%</b>	<b>60.90%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>74.58</b>			<b>75.51</b>	<b>0.92</b>	<b>1.24%</b>	<b>62.89%</b>	<b>61.14%</b>
Wholesale Market Service Rate	389	0.0036	1.40	389	0.0036	1.40	0.00	0.00%	1.17%	1.13%
Rural Rate Protection Charge	389	0.0021	0.82	389	0.0021	0.82	0.00	0.00%	0.68%	0.66%
Ontario Electricity Support Program Charge	389	0.0011	0.43	389	0.0011	0.43	0.00	0.00%	0.36%	0.35%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.21%	0.20%
<b>Sub-Total: Regulatory</b>			<b>2.89</b>			<b>2.89</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.41%</b>	<b>2.34%</b>
<b>Debt Retirement Charge (DRC)</b>	352	0.000	<b>0.00</b>	352	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>113.42</b>			<b>114.35</b>	<b>0.92</b>	<b>0.81%</b>	<b>95.24%</b>	
HST		0.13	14.75		0.13	14.87	0.12	0.81%		12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>128.17</b>			<b>129.21</b>	<b>1.04</b>	<b>0.81%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-9.07		-0.08	-9.15	-0.07	0.81%		-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>119.09</b>			<b>120.07</b>	<b>0.97</b>	<b>0.81%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>116.68</b>			<b>117.61</b>	<b>0.92</b>	<b>0.79%</b>		<b>95.24%</b>
HST		0.13	15.17		0.13	15.29	0.12	0.79%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>131.85</b>			<b>132.90</b>	<b>1.04</b>	<b>0.79%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-9.33		-0.08	-9.41	-0.07	0.79%		-7.62%
<b>Total Amount on TOU</b>			<b>122.52</b>			<b>123.49</b>	<b>0.97</b>	<b>0.79%</b>		<b>100.00%</b>

**2021 Bill Impacts (High Consumption Level)**

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Rate Class	Seasonal
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1104
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	25.59%	
Energy Second Tier (kWh)	400	0.121	48.40	400	0.121	48.40	0.00	0.00%	20.04%	
<b>Sub-Total: Energy (RPP)</b>			<b>110.20</b>			<b>110.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.63%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		23.39%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		9.28%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		13.40%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.12%</b>	<b>46.08%</b>
Service Charge	1	50.12	50.12	1	55.4	55.40	5.28	10.53%	22.94%	22.92%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,000	0.0439	43.90	1,000	0.0315	31.50	-12.40	-28.25%	13.04%	13.03%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,000	0.0002	0.20	1,000	0.0002	0.20	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>94.22</b>			<b>87.10</b>	<b>-7.12</b>	<b>-7.56%</b>	<b>36.06%</b>	<b>36.03%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.33%	0.33%
Line Losses on Cost of Power (based on two-tier RPP prices)	104	0.12	12.58	104	0.12	12.58	0.00	0.00%	5.21%	5.21%
Line Losses on Cost of Power (based on TOU prices)	104	0.11	11.58	104	0.11	11.58	0.00	0.00%	4.80%	4.79%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>107.59</b>			<b>100.47</b>	<b>-7.12</b>	<b>-6.62%</b>	<b>41.60%</b>	<b>41.57%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>106.59</b>			<b>99.47</b>	<b>-7.12</b>	<b>-6.68%</b>	<b>41.19%</b>	<b>41.15%</b>
Retail Transmission Rate – Network Service Rate	1,104	0.0057	6.24	1,104	0.0058	6.40	0.16	2.55%	2.65%	2.65%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,104	0.0048	5.32	1,104	0.0047	5.19	-0.13	-2.51%	2.15%	2.15%
<b>Sub-Total: Retail Transmission</b>			<b>11.57</b>			<b>11.59</b>	<b>0.03</b>	<b>0.22%</b>	<b>4.80%</b>	<b>4.80%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>119.16</b>			<b>112.07</b>	<b>-7.09</b>	<b>-5.95%</b>	<b>46.40%</b>	<b>46.36%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>118.16</b>			<b>111.07</b>	<b>-7.09</b>	<b>-6.00%</b>	<b>45.99%</b>	<b>45.95%</b>
Wholesale Market Service Rate	1,104	0.0036	3.97	1,104	0.0036	3.97	0.00	0.00%	1.65%	1.64%
Rural Rate Protection Charge	1,104	0.0021	2.32	1,104	0.0021	2.32	0.00	0.00%	0.96%	0.96%
Ontario Electricity Support Program Charge	1,104	0.0011	1.21	1,104	0.0011	1.21	0.00	0.00%	0.50%	0.50%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Regulatory</b>			<b>7.76</b>			<b>7.76</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.21%</b>	<b>3.21%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.000	<b>0.00</b>	1,000	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>237.12</b>			<b>230.02</b>	<b>-7.09</b>	<b>-2.99%</b>	<b>95.24%</b>	
HST		0.13	30.83		0.13	29.90	-0.92	-2.99%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>267.94</b>			<b>259.93</b>	<b>-8.02</b>	<b>-2.99%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-18.97		-0.08	-18.40	0.57	-2.99%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>248.97</b>			<b>241.52</b>	<b>-7.45</b>	<b>-2.99%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>237.31</b>			<b>230.21</b>	<b>-7.09</b>	<b>-2.99%</b>		<b>95.24%</b>
HST		0.13	30.85		0.13	29.93	-0.92	-2.99%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>268.16</b>			<b>260.14</b>	<b>-8.02</b>	<b>-2.99%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-18.98		-0.08	-18.42	0.57	-2.99%		-7.62%
<b>Total Amount on TOU</b>			<b>249.17</b>			<b>241.72</b>	<b>-7.45</b>	<b>-2.99%</b>		<b>100.00%</b>

**2021 Bill Impacts (Low Consumption Level)**

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Rate Class	Uge
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	1067
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	37.02%	
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	14.50%	
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.52%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		26.67%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		10.58%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		15.28%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.39%</b>	<b>52.53%</b>
Service Charge	1	25.11	25.11	1	25.6	25.60	0.49	1.95%	12.27%	12.07%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,000	0.0300	30.00	1,000	0.0308	30.80	0.80	2.67%	14.76%	14.52%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,000	0.0002	0.2000	1,000	0.0002	0.2000	0.00	0.00%	0.10%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>55.32</b>			<b>56.61</b>	<b>1.29</b>	<b>2.33%</b>	<b>27.13%</b>	<b>26.70%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.38%	0.37%
Line Losses on Cost of Power (based on two-tier RPP prices)	67	0.12	8.11	67	0.12	8.11	0.00	0.00%	3.89%	3.82%
Line Losses on Cost of Power (based on TOU prices)	67	0.11	7.46	67	0.11	7.46	0.00	0.00%	3.58%	3.52%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>64.22</b>			<b>65.51</b>	<b>1.29</b>	<b>2.01%</b>	<b>31.40%</b>	<b>30.89%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>63.57</b>			<b>64.86</b>	<b>1.29</b>	<b>2.03%</b>	<b>31.09%</b>	<b>30.59%</b>
Retail Transmission Rate – Network Service Rate	1,067	0.0061	6.52	1,067	0.0058	6.19	-0.33	-5.01%	2.97%	2.92%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,067	0.0047	4.96	1,067	0.0047	5.01	0.05	1.03%	2.40%	2.36%
<b>Sub-Total: Retail Transmission</b>			<b>11.48</b>			<b>11.20</b>	<b>-0.28</b>	<b>-2.40%</b>	<b>5.37%</b>	<b>5.28%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>75.70</b>			<b>76.71</b>	<b>1.01</b>	<b>1.34%</b>	<b>36.76%</b>	<b>36.17%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>75.05</b>			<b>76.07</b>	<b>1.01</b>	<b>1.35%</b>	<b>36.46%</b>	<b>35.87%</b>
Wholesale Market Service Rate	1,067	0.0036	3.84	1,067	0.0036	3.84	0.00	0.00%	1.84%	1.81%
Rural Rate Protection Charge	1,067	0.0021	2.24	1,067	0.0021	2.24	0.00	0.00%	1.07%	1.06%
Ontario Electricity Support Program Charge	1,067	0.0011	1.17	1,067	0.0011	1.17	0.00	0.00%	0.56%	0.55%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.12%	0.12%
<b>Sub-Total: Regulatory</b>			<b>7.51</b>			<b>7.51</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.60%</b>	<b>3.54%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	<b>7.00</b>	1,000	0.007	<b>7.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.35%</b>	<b>3.30%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>197.70</b>			<b>198.72</b>	<b>1.01</b>	<b>0.51%</b>	<b>95.24%</b>	
HST		0.13	25.70		0.13	25.83	0.13	0.51%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>223.40</b>			<b>224.55</b>	<b>1.15</b>	<b>0.51%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-15.82		-0.08	-15.90	-0.08	0.51%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>207.59</b>			<b>208.65</b>	<b>1.07</b>	<b>0.51%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>200.95</b>			<b>201.96</b>	<b>1.01</b>	<b>0.50%</b>		<b>95.24%</b>
HST		0.13	26.12		0.13	26.26	0.13	0.50%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>227.07</b>			<b>228.22</b>	<b>1.15</b>	<b>0.50%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-16.08		-0.08	-16.16	-0.08	0.50%	-7.62%	
<b>Total Amount on TOU</b>			<b>210.99</b>			<b>212.06</b>	<b>1.07</b>	<b>0.50%</b>		<b>100.00%</b>

**2021 Bill Impacts (Typical Consumption Level)**

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Rate Class	Uge
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2134
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	19.15%	
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	37.48%	
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.63%</b>	
TOU-Off Peak	1,300	0.087	113.10	1,300	0.087	113.10	0.00	0.00%		28.55%
TOU-Mid Peak	340	0.132	44.88	340	0.132	44.88	0.00	0.00%		11.33%
TOU-On Peak	360	0.180	64.80	360	0.180	64.80	0.00	0.00%		16.36%
<b>Sub-Total: Energy (TOU)</b>			<b>222.78</b>			<b>222.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.21%</b>	<b>56.24%</b>
Service Charge	1	25.11	25.11	1	25.6	25.60	0.49	1.95%	6.34%	6.46%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	2,000	0.0300	60.00	2,000	0.0308	61.60	1.60	2.67%	15.27%	15.55%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	2,000	0.0002	0.4000	2,000	0.0002	0.4000	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>85.52</b>			<b>87.61</b>	<b>2.09</b>	<b>2.44%</b>	<b>21.71%</b>	<b>22.12%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.20%	0.20%
Line Losses on Cost of Power (based on two-tier RPP prices)	134	0.12	16.21	134	0.12	16.21	0.00	0.00%	4.02%	4.09%
Line Losses on Cost of Power (based on TOU prices)	134	0.11	14.93	134	0.11	14.93	0.00	0.00%	3.70%	3.77%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>102.52</b>			<b>104.61</b>	<b>2.09</b>	<b>2.04%</b>	<b>25.93%</b>	<b>26.41%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>101.24</b>			<b>103.33</b>	<b>2.09</b>	<b>2.06%</b>	<b>25.61%</b>	<b>26.08%</b>
Retail Transmission Rate – Network Service Rate	2,134	0.0061	13.03	2,134	0.0058	12.38	-0.65	-5.01%	3.07%	3.12%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,134	0.0047	9.93	2,134	0.0047	10.03	0.10	1.03%	2.49%	2.53%
<b>Sub-Total: Retail Transmission</b>			<b>22.96</b>			<b>22.41</b>	<b>-0.55</b>	<b>-2.40%</b>	<b>5.55%</b>	<b>5.66%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>125.48</b>			<b>127.02</b>	<b>1.54</b>	<b>1.23%</b>	<b>31.48%</b>	<b>32.06%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>124.19</b>			<b>125.73</b>	<b>1.54</b>	<b>1.24%</b>	<b>31.16%</b>	<b>31.74%</b>
Wholesale Market Service Rate	2,134	0.0036	7.68	2,134	0.0036	7.68	0.00	0.00%	1.90%	1.94%
Rural Rate Protection Charge	2,134	0.0021	4.48	2,134	0.0021	4.48	0.00	0.00%	1.11%	1.13%
Ontario Electricity Support Program Charge	2,134	0.0011	2.35	2,134	0.0011	2.35	0.00	0.00%	0.58%	0.59%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%	0.06%
<b>Sub-Total: Regulatory</b>			<b>14.76</b>			<b>14.76</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.66%</b>	<b>3.73%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	<b>14.00</b>	2,000	0.007	<b>14.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.47%</b>	<b>3.53%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>382.74</b>			<b>384.28</b>	<b>1.54</b>	<b>0.40%</b>	<b>95.24%</b>	
HST		0.13	49.76		0.13	49.96	0.20	0.40%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>432.50</b>			<b>434.24</b>	<b>1.74</b>	<b>0.40%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-30.62		-0.08	-30.74	-0.12	0.40%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>401.88</b>			<b>403.50</b>	<b>1.62</b>	<b>0.40%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>375.74</b>			<b>377.27</b>	<b>1.54</b>	<b>0.41%</b>		<b>95.24%</b>
HST		0.13	48.85		0.13	49.05	0.20	0.41%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>424.58</b>			<b>426.32</b>	<b>1.74</b>	<b>0.41%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-30.06		-0.08	-30.18	-0.12	0.41%	-7.62%	
<b>Total Amount on TOU</b>			<b>394.52</b>			<b>396.14</b>	<b>1.62</b>	<b>0.41%</b>		<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	Uge
Monthly Consumption (kWh)	2,759
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2943.853
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	14.01%	
Energy Second Tier (kWh)	2,009	0.121	243.09	2,009	0.121	243.09	0.00	0.00%	44.09%	
<b>Sub-Total: Energy (RPP)</b>			<b>320.34</b>			<b>320.34</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.10%</b>	
TOU-Off Peak	1,793	0.087	156.02	1,793	0.087	156.02	0.00	0.00%		29.12%
TOU-Mid Peak	469	0.132	61.91	469	0.132	61.91	0.00	0.00%		11.55%
TOU-On Peak	497	0.180	89.39	497	0.180	89.39	0.00	0.00%		16.68%
<b>Sub-Total: Energy (TOU)</b>			<b>307.33</b>			<b>307.33</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.74%</b>	<b>57.35%</b>
Service Charge	1	25.11	25.11	1	25.6	25.60	0.49	1.95%	4.64%	4.78%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	2,759	0.0300	82.77	2,759	0.0308	84.98	2.21	2.67%	15.41%	15.86%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	2,759	0.0002	0.5518	2,759	0.0002	0.5518	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>108.44</b>			<b>111.14</b>	<b>2.70</b>	<b>2.49%</b>	<b>20.16%</b>	<b>20.74%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.14%	0.15%
Line Losses on Cost of Power (based on two-tier RPP prices)	185	0.12	22.37	185	0.12	22.37	0.00	0.00%	4.06%	4.17%
Line Losses on Cost of Power (based on TOU prices)	185	0.11	20.59	185	0.11	20.59	0.00	0.00%	3.73%	3.84%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>131.60</b>			<b>134.30</b>	<b>2.70</b>	<b>2.05%</b>	<b>24.36%</b>	<b>25.06%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>129.82</b>			<b>132.52</b>	<b>2.70</b>	<b>2.08%</b>	<b>24.03%</b>	<b>24.73%</b>
Retail Transmission Rate – Network Service Rate	2,944	0.0061	17.98	2,944	0.0058	17.07	-0.90	-5.01%	3.10%	3.19%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,944	0.0047	13.69	2,944	0.0047	13.84	0.14	1.03%	2.51%	2.58%
<b>Sub-Total: Retail Transmission</b>			<b>31.67</b>			<b>30.91</b>	<b>-0.76</b>	<b>-2.40%</b>	<b>5.61%</b>	<b>5.77%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>163.27</b>			<b>165.21</b>	<b>1.94</b>	<b>1.19%</b>	<b>29.96%</b>	<b>30.83%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>161.49</b>			<b>163.43</b>	<b>1.94</b>	<b>1.20%</b>	<b>29.64%</b>	<b>30.50%</b>
Wholesale Market Service Rate	2,944	0.0036	10.60	2,944	0.0036	10.60	0.00	0.00%	1.92%	1.98%
Rural Rate Protection Charge	2,944	0.0021	6.18	2,944	0.0021	6.18	0.00	0.00%	1.12%	1.15%
Ontario Electricity Support Program Charge	2,944	0.0011	3.24	2,944	0.0011	3.24	0.00	0.00%	0.59%	0.60%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>20.27</b>			<b>20.27</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.68%</b>	<b>3.78%</b>
<b>Debt Retirement Charge (DRC)</b>	2,759	0.007	<b>19.31</b>	2,759	0.007	<b>19.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.50%</b>	<b>3.60%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>523.19</b>			<b>525.13</b>	<b>1.94</b>	<b>0.37%</b>	<b>95.24%</b>	
HST		0.13	68.01		0.13	68.27	0.25	0.37%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>591.20</b>			<b>593.39</b>	<b>2.19</b>	<b>0.37%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-41.86		-0.08	-42.01	-0.16	-0.37%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>549.35</b>			<b>551.38</b>	<b>2.03</b>	<b>0.37%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>508.40</b>			<b>510.34</b>	<b>1.94</b>	<b>0.38%</b>		<b>95.24%</b>
HST		0.13	66.09		0.13	66.34	0.25	0.38%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>574.49</b>			<b>576.68</b>	<b>2.19</b>	<b>0.38%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-40.67		-0.08	-40.83	-0.16	-0.38%	-7.62%	
<b>Total Amount on TOU</b>			<b>533.82</b>			<b>535.85</b>	<b>2.03</b>	<b>0.38%</b>		<b>100.00%</b>

**2021 Bill Impacts (High Consumption Level)**

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Rate Class	Uge
Monthly Consumption (kWh)	15000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	16005
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	2.63%	
Energy Second Tier (kWh)	14,250	0.121	1,724.25	14,250	0.121	1,724.25	0.00	0.00%	58.72%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,801.50</b>			<b>1,801.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>61.35%</b>	
TOU-Off Peak	9,750	0.087	848.25	9,750	0.087	848.25	0.00	0.00%		30.41%
TOU-Mid Peak	2,550	0.132	336.60	2,550	0.132	336.60	0.00	0.00%		12.07%
TOU-On Peak	2,700	0.180	486.00	2,700	0.180	486.00	0.00	0.00%		17.42%
<b>Sub-Total: Energy (TOU)</b>			<b>1,670.85</b>			<b>1,670.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.90%</b>	<b>59.91%</b>
Service Charge	1	25.11	25.11	1	25.6	25.60	0.49	1.95%	0.87%	0.92%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	15,000	0.0300	450.00	15,000	0.0308	462.00	12.00	2.67%	15.73%	16.56%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	15,000	0.0002	3.0000	15,000	0.0002	3.0000	0.00	0.00%	0.10%	0.11%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>478.12</b>			<b>490.61</b>	<b>12.49</b>	<b>2.61%</b>	<b>16.71%</b>	<b>17.59%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.03%	0.03%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,005	0.12	121.61	1,005	0.12	121.61	0.00	0.00%	4.14%	4.36%
Line Losses on Cost of Power (based on TOU prices)	1,005	0.11	111.95	1,005	0.11	111.95	0.00	0.00%	3.81%	4.01%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>600.52</b>			<b>613.01</b>	<b>12.49</b>	<b>2.08%</b>	<b>20.88%</b>	<b>21.98%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>590.86</b>			<b>603.35</b>	<b>12.49</b>	<b>2.11%</b>	<b>20.55%</b>	<b>21.63%</b>
Retail Transmission Rate – Network Service Rate	16,005	0.0061	97.73	16,005	0.0058	92.83	-4.90	-5.01%	3.16%	3.33%
Retail Transmission Rate – Line and Transformation Connection Service Rate	16,005	0.0047	74.46	16,005	0.0047	75.22	0.77	1.03%	2.56%	2.70%
<b>Sub-Total: Retail Transmission</b>			<b>172.18</b>			<b>168.05</b>	<b>-4.13</b>	<b>-2.40%</b>	<b>5.72%</b>	<b>6.03%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>772.70</b>			<b>781.06</b>	<b>8.36</b>	<b>1.08%</b>	<b>26.60%</b>	<b>28.00%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>763.04</b>			<b>771.40</b>	<b>8.36</b>	<b>1.10%</b>	<b>26.27%</b>	<b>27.66%</b>
Wholesale Market Service Rate	16,005	0.0036	57.62	16,005	0.0036	57.62	0.00	0.00%	1.96%	2.07%
Rural Rate Protection Charge	16,005	0.0021	33.61	16,005	0.0021	33.61	0.00	0.00%	1.14%	1.21%
Ontario Electricity Support Program Charge	16,005	0.0011	17.61	16,005	0.0011	17.61	0.00	0.00%	0.60%	0.63%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Regulatory</b>			<b>109.08</b>			<b>109.08</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.71%</b>	<b>3.91%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.58%</b>	<b>3.76%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>2,788.28</b>			<b>2,796.64</b>	<b>8.36</b>	<b>0.30%</b>	<b>95.24%</b>	
HST		0.13	362.48		0.13	363.56	1.09	0.30%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>3,150.76</b>			<b>3,160.20</b>	<b>9.45</b>	<b>0.30%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-223.06		-0.08	-223.73	-0.67	0.30%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>2,927.69</b>			<b>2,936.47</b>	<b>8.78</b>	<b>0.30%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>2,647.97</b>			<b>2,656.33</b>	<b>8.36</b>	<b>0.32%</b>		<b>95.24%</b>
HST		0.13	344.24		0.13	345.32	1.09	0.32%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>2,992.21</b>			<b>3,001.66</b>	<b>9.45</b>	<b>0.32%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-211.84		-0.08	-212.51	-0.67	0.32%	-7.62%	
<b>Total Amount on TOU</b>			<b>2,780.37</b>			<b>2,789.15</b>	<b>8.78</b>	<b>0.32%</b>		<b>100.00%</b>

**2021 Bill Impacts (Low Consumption Level)**

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Rate Class	Gse
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	1096
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	30.35%	
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	11.89%	
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>42.24%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		21.95%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		8.71%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		12.58%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.77%</b>	<b>43.24%</b>
Service Charge	1	30.91	30.91	1	31.41	31.41	0.50	1.62%	12.34%	12.19%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,000	0.0634	63.40	1,000	0.0652	65.20	1.80	2.84%	25.62%	25.31%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,000	0.0002	0.2000	1,000	0.0002	0.2000	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>94.51</b>			<b>96.81</b>	<b>2.30</b>	<b>2.43%</b>	<b>38.04%</b>	<b>37.58%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.31%	0.31%
Line Losses on Cost of Power (based on two-tier RPP prices)	96	0.12	11.62	96	0.12	11.62	0.00	0.00%	4.56%	4.51%
Line Losses on Cost of Power (based on TOU prices)	96	0.11	10.69	96	0.11	10.69	0.00	0.00%	4.20%	4.15%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>106.92</b>			<b>109.22</b>	<b>2.30</b>	<b>2.15%</b>	<b>42.91%</b>	<b>42.40%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>105.99</b>			<b>108.29</b>	<b>2.30</b>	<b>2.17%</b>	<b>42.55%</b>	<b>42.04%</b>
Retail Transmission Rate – Network Service Rate	1,096	0.0057	6.24	1,096	0.0055	6.03	-0.21	-3.39%	2.37%	2.34%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,096	0.0045	4.90	1,096	0.0045	4.93	0.03	0.58%	1.94%	1.91%
<b>Sub-Total: Retail Transmission</b>			<b>11.14</b>			<b>10.96</b>	<b>-0.18</b>	<b>-1.64%</b>	<b>4.31%</b>	<b>4.25%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>118.06</b>			<b>120.18</b>	<b>2.12</b>	<b>1.79%</b>	<b>47.22%</b>	<b>46.65%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>117.14</b>			<b>119.25</b>	<b>2.12</b>	<b>1.81%</b>	<b>46.86%</b>	<b>46.29%</b>
Wholesale Market Service Rate	1,096	0.0036	3.95	1,096	0.0036	3.95	0.00	0.00%	1.55%	1.53%
Rural Rate Protection Charge	1,096	0.0021	2.30	1,096	0.0021	2.30	0.00	0.00%	0.90%	0.89%
Ontario Electricity Support Program Charge	1,096	0.0011	1.21	1,096	0.0011	1.21	0.00	0.00%	0.47%	0.47%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Regulatory</b>			<b>7.70</b>			<b>7.70</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.03%</b>	<b>2.99%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	<b>7.00</b>	1,000	0.007	<b>7.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.75%</b>	<b>2.72%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>240.26</b>			<b>242.38</b>	<b>2.12</b>	<b>0.88%</b>	<b>95.24%</b>	
HST		0.13	31.23		0.13	31.51	0.28	0.88%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>271.50</b>			<b>273.89</b>	<b>2.39</b>	<b>0.88%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-19.22		-0.08	-19.39	-0.17	0.88%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>252.27</b>			<b>254.50</b>	<b>2.22</b>	<b>0.88%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>243.23</b>			<b>245.35</b>	<b>2.12</b>	<b>0.87%</b>		<b>95.24%</b>
HST		0.13	31.62		0.13	31.90	0.28	0.87%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>274.85</b>			<b>277.24</b>	<b>2.39</b>	<b>0.87%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-19.46		-0.08	-19.63	-0.17	0.87%	-7.62%	
<b>Total Amount on TOU</b>			<b>255.39</b>			<b>257.61</b>	<b>2.22</b>	<b>0.87%</b>		<b>100.00%</b>

**2021 Bill Impacts (Typical Consumption Level)**

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Rate Class	Gse
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2192
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	15.79%	
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	30.92%	
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.72%</b>	
TOU-Off Peak	1,300	0.087	113.10	1,300	0.087	113.10	0.00	0.00%		23.51%
TOU-Mid Peak	340	0.132	44.88	340	0.132	44.88	0.00	0.00%		9.33%
TOU-On Peak	360	0.180	64.80	360	0.180	64.80	0.00	0.00%		13.47%
<b>Sub-Total: Energy (TOU)</b>			<b>222.78</b>			<b>222.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.55%</b>	<b>46.30%</b>
Service Charge	1	30.91	30.91	1	31.41	31.41	0.50	1.62%	6.42%	6.53%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	2,000	0.0634	126.80	2,000	0.0652	130.40	3.60	2.84%	26.66%	27.10%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	2,000	0.0002	0.4000	2,000	0.0002	0.4000	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>158.11</b>			<b>162.21</b>	<b>4.10</b>	<b>2.59%</b>	<b>33.17%</b>	<b>33.71%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.16%	0.16%
Line Losses on Cost of Power (based on two-tier RPP prices)	192	0.12	23.23	192	0.12	23.23	0.00	0.00%	4.75%	4.83%
Line Losses on Cost of Power (based on TOU prices)	192	0.11	21.39	192	0.11	21.39	0.00	0.00%	4.37%	4.44%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>182.13</b>			<b>186.23</b>	<b>4.10</b>	<b>2.25%</b>	<b>38.08%</b>	<b>38.71%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>180.29</b>			<b>184.39</b>	<b>4.10</b>	<b>2.27%</b>	<b>37.70%</b>	<b>38.32%</b>
Retail Transmission Rate – Network Service Rate	2,192	0.0057	12.48	2,192	0.0055	12.06	-0.42	-3.39%	2.46%	2.51%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,192	0.0045	9.81	2,192	0.0045	9.86	0.06	0.58%	2.02%	2.05%
<b>Sub-Total: Retail Transmission</b>			<b>22.29</b>			<b>21.92</b>	<b>-0.37</b>	<b>-1.64%</b>	<b>4.48%</b>	<b>4.56%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>204.42</b>			<b>208.15</b>	<b>3.73</b>	<b>1.83%</b>	<b>42.56%</b>	<b>43.26%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>202.57</b>			<b>206.31</b>	<b>3.73</b>	<b>1.84%</b>	<b>42.18%</b>	<b>42.88%</b>
Wholesale Market Service Rate	2,192	0.0036	7.89	2,192	0.0036	7.89	0.00	0.00%	1.61%	1.64%
Rural Rate Protection Charge	2,192	0.0021	4.60	2,192	0.0021	4.60	0.00	0.00%	0.94%	0.96%
Ontario Electricity Support Program Charge	2,192	0.0011	2.41	2,192	0.0011	2.41	0.00	0.00%	0.49%	0.50%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>15.16</b>			<b>15.16</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.10%</b>	<b>3.15%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	<b>14.00</b>	2,000	0.007	<b>14.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.86%</b>	<b>2.91%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>462.07</b>			<b>465.81</b>	<b>3.73</b>	<b>0.81%</b>	<b>95.24%</b>	
HST		0.13	60.07		0.13	60.55	0.49	0.81%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>522.14</b>			<b>526.36</b>	<b>4.22</b>	<b>0.81%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-36.97		-0.08	-37.26	-0.30	0.81%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>485.18</b>			<b>489.10</b>	<b>3.92</b>	<b>0.81%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>454.51</b>			<b>458.24</b>	<b>3.73</b>	<b>0.82%</b>		<b>95.24%</b>
HST		0.13	59.09		0.13	59.57	0.49	0.82%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>513.59</b>			<b>517.81</b>	<b>4.22</b>	<b>0.82%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-36.36		-0.08	-36.66	-0.30	0.82%	-7.62%	
<b>Total Amount on TOU</b>			<b>477.23</b>			<b>481.15</b>	<b>3.92</b>	<b>0.82%</b>		<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	Gse
Monthly Consumption (kWh)	1,982
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2172.272
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	15.93%	
Energy Second Tier (kWh)	1,232	0.121	149.07	1,232	0.121	149.07	0.00	0.00%	30.74%	
<b>Sub-Total: Energy (RPP)</b>			<b>226.32</b>			<b>226.32</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.68%</b>	
TOU-Off Peak	1,288	0.087	112.08	1,288	0.087	112.08	0.00	0.00%		23.49%
TOU-Mid Peak	337	0.132	44.48	337	0.132	44.48	0.00	0.00%		9.32%
TOU-On Peak	357	0.180	64.22	357	0.180	64.22	0.00	0.00%		13.46%
<b>Sub-Total: Energy (TOU)</b>			<b>220.77</b>			<b>220.77</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.53%</b>	<b>46.27%</b>
Service Charge	1	30.91	30.91	1	31.41	31.41	0.50	1.62%	6.48%	6.58%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,982	0.0634	125.66	1,982	0.0652	129.23	3.57	2.84%	26.65%	27.08%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,982	0.0002	0.3964	1,982	0.0002	0.3964	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>156.97</b>			<b>161.03</b>	<b>4.07</b>	<b>2.59%</b>	<b>33.21%</b>	<b>33.75%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.16%	0.17%
Line Losses on Cost of Power (based on two-tier RPP prices)	190	0.12	23.02	190	0.12	23.02	0.00	0.00%	4.75%	4.83%
Line Losses on Cost of Power (based on TOU prices)	190	0.11	21.19	190	0.11	21.19	0.00	0.00%	4.37%	4.44%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>180.78</b>			<b>184.85</b>	<b>4.07</b>	<b>2.25%</b>	<b>38.12%</b>	<b>38.74%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>178.95</b>			<b>183.02</b>	<b>4.07</b>	<b>2.27%</b>	<b>37.75%</b>	<b>38.36%</b>
Retail Transmission Rate – Network Service Rate	2,172	0.0057	12.37	2,172	0.0055	11.95	-0.42	-3.39%	2.46%	2.50%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,172	0.0045	9.72	2,172	0.0045	9.78	0.06	0.58%	2.02%	2.05%
<b>Sub-Total: Retail Transmission</b>			<b>22.09</b>			<b>21.72</b>	<b>-0.36</b>	<b>-1.64%</b>	<b>4.48%</b>	<b>4.55%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>202.86</b>			<b>206.57</b>	<b>3.70</b>	<b>1.83%</b>	<b>42.60%</b>	<b>43.29%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>201.04</b>			<b>204.74</b>	<b>3.70</b>	<b>1.84%</b>	<b>42.23%</b>	<b>42.91%</b>
Wholesale Market Service Rate	2,172	0.0036	7.82	2,172	0.0036	7.82	0.00	0.00%	1.61%	1.64%
Rural Rate Protection Charge	2,172	0.0021	4.56	2,172	0.0021	4.56	0.00	0.00%	0.94%	0.96%
Ontario Electricity Support Program Charge	2,172	0.0011	2.39	2,172	0.0011	2.39	0.00	0.00%	0.49%	0.50%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>15.02</b>			<b>15.02</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.10%</b>	<b>3.15%</b>
<b>Debt Retirement Charge (DRC)</b>	1,982	0.007	<b>13.87</b>	1,982	0.007	<b>13.87</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.86%</b>	<b>2.91%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>458.08</b>			<b>461.79</b>	<b>3.70</b>	<b>0.81%</b>	<b>95.24%</b>	
HST		0.13	59.55		0.13	60.03	0.48	0.81%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>517.63</b>			<b>521.82</b>	<b>4.19</b>	<b>0.81%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-36.65		-0.08	-36.94	-0.30	0.81%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>480.99</b>			<b>484.88</b>	<b>3.89</b>	<b>0.81%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>450.71</b>			<b>454.41</b>	<b>3.70</b>	<b>0.82%</b>		<b>95.24%</b>
HST		0.13	58.59		0.13	59.07	0.48	0.82%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>509.30</b>			<b>513.48</b>	<b>4.19</b>	<b>0.82%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-36.06		-0.08	-36.35	-0.30	0.82%	-7.62%	
<b>Total Amount on TOU</b>			<b>473.24</b>			<b>477.13</b>	<b>3.89</b>	<b>0.82%</b>		<b>100.00%</b>

**2021 Bill Impacts (High Consumption Level)**

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Rate Class	Gse
Monthly Consumption (kWh)	15,000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	16440
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	2.18%	
Energy Second Tier (kWh)	14,250	0.121	1,724.25	14,250	0.121	1,724.25	0.00	0.00%	48.72%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,801.50</b>			<b>1,801.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.91%</b>	
TOU-Off Peak	9,750	0.087	848.25	9,750	0.087	848.25	0.00	0.00%		25.04%
TOU-Mid Peak	2,550	0.132	336.60	2,550	0.132	336.60	0.00	0.00%		9.94%
TOU-On Peak	2,700	0.180	486.00	2,700	0.180	486.00	0.00	0.00%		14.35%
<b>Sub-Total: Energy (TOU)</b>			<b>1,670.85</b>			<b>1,670.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.21%</b>	<b>49.33%</b>
Service Charge	1	30.91	30.91	1	31.41	31.41	0.50	1.62%	0.89%	0.93%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	15,000	0.0634	951.00	15,000	0.0652	978.00	27.00	2.84%	27.64%	28.87%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	15,000	0.0002	3.0000	15,000	0.0002	3.0000	0.00	0.00%	0.08%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>984.91</b>			<b>1,012.41</b>	<b>27.50</b>	<b>2.79%</b>	<b>28.61%</b>	<b>29.89%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.02%	0.02%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,440	0.12	174.24	1,440	0.12	174.24	0.00	0.00%	4.92%	5.14%
Line Losses on Cost of Power (based on TOU prices)	1,440	0.11	160.40	1,440	0.11	160.40	0.00	0.00%	4.53%	4.74%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>1,159.94</b>			<b>1,187.44</b>	<b>27.50</b>	<b>2.37%</b>	<b>33.55%</b>	<b>35.06%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>1,146.10</b>			<b>1,173.60</b>	<b>27.50</b>	<b>2.40%</b>	<b>33.16%</b>	<b>34.65%</b>
Retail Transmission Rate – Network Service Rate	16,440	0.0057	93.59	16,440	0.0055	90.42	-3.17	-3.39%	2.56%	2.67%
Retail Transmission Rate – Line and Transformation Connection Service Rate	16,440	0.0045	73.55	16,440	0.0045	73.98	0.43	0.58%	2.09%	2.18%
<b>Sub-Total: Retail Transmission</b>			<b>167.15</b>			<b>164.40</b>	<b>-2.75</b>	<b>-1.64%</b>	<b>4.65%</b>	<b>4.85%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>1,327.09</b>			<b>1,351.84</b>	<b>24.75</b>	<b>1.87%</b>	<b>38.20%</b>	<b>39.91%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>1,313.25</b>			<b>1,338.00</b>	<b>24.75</b>	<b>1.88%</b>	<b>37.81%</b>	<b>39.50%</b>
Wholesale Market Service Rate	16,440	0.0036	59.18	16,440	0.0036	59.18	0.00	0.00%	1.67%	1.75%
Rural Rate Protection Charge	16,440	0.0021	34.52	16,440	0.0021	34.52	0.00	0.00%	0.98%	1.02%
Ontario Electricity Support Program Charge	16,440	0.0011	18.08	16,440	0.0011	18.08	0.00	0.00%	0.51%	0.53%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Regulatory</b>			<b>112.04</b>			<b>112.04</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.17%</b>	<b>3.31%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.97%</b>	<b>3.10%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>3,345.63</b>			<b>3,370.38</b>	<b>24.75</b>	<b>0.74%</b>	<b>95.24%</b>	
HST		0.13	434.93		0.13	438.15	3.22	0.74%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>3,780.56</b>			<b>3,808.53</b>	<b>27.97</b>	<b>0.74%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-267.65		-0.08	-269.63	-1.98	0.74%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>3,512.91</b>			<b>3,538.90</b>	<b>25.99</b>	<b>0.74%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>3,201.14</b>			<b>3,225.89</b>	<b>24.75</b>	<b>0.77%</b>		<b>95.24%</b>
HST		0.13	416.15		0.13	419.37	3.22	0.77%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>3,617.29</b>			<b>3,645.26</b>	<b>27.97</b>	<b>0.77%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-256.09		-0.08	-258.07	-1.98	0.77%	-7.62%	
<b>Total Amount on TOU</b>			<b>3,361.20</b>			<b>3,387.19</b>	<b>25.99</b>	<b>0.77%</b>		<b>100.00%</b>

**2021 Bill Impacts (Low Consumption Level)**

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Rate Class	UGd
Monthly Consumption (kWh)	15,000
Peak (kW)	60
Loss factor	1.050
Load factor	34%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	15,750
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,750	0.103	1,622.25	15,750	0.103	1,622.25	0.00	0.00%	50.59%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,622.25</b>			<b>1,622.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.59%</b>
Service Charge	1	105.1	105.10	1	106.7	106.70	1.60	1.52%	3.33%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	60	10.2368	614.21	60	10.5133	630.80	16.59	2.70%	19.67%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	60	0.0646	3.88	60	0.0646	3.88	0.00	0.00%	0.12%
Volumetric Global Adjustment Account Rider	15,750	0.0019	29.93	15,750	0.0019	29.93	0.00	0.00%	0.93%
<b>Sub-Total: Distribution</b>			<b>753.12</b>			<b>771.31</b>	<b>18.19</b>	<b>2.42%</b>	<b>24.05%</b>
Retail Transmission Rate – Network Service Rate	60	2.2310	133.86	60	2.1349	128.09	-5.77	-4.31%	3.99%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.7047	102.28	60	1.7285	103.71	1.43	1.40%	3.23%
<b>Sub-Total: Retail Transmission</b>			<b>236.14</b>			<b>231.80</b>	<b>-4.34</b>	<b>-1.84%</b>	<b>7.23%</b>
<b>Sub-Total: Delivery</b>			<b>989.26</b>			<b>1,003.11</b>	<b>13.85</b>	<b>1.40%</b>	<b>31.28%</b>
Wholesale Market Service Rate	15,750	0.0036	56.70	15,750	0.0036	56.70	0.00	0.00%	1.77%
Rural Rate Protection Charge	15,750	0.0021	33.08	15,750	0.0021	33.08	0.00	0.00%	1.03%
Ontario Electricity Support Program Charge	15,750	0.0011	17.33	15,750	0.0011	17.33	0.00	0.00%	0.54%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>107.35</b>			<b>107.35</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.35%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.27%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>2,823.86</b>			<b>2,837.71</b>	<b>13.85</b>	<b>0.49%</b>	<b>88.50%</b>
HST		0.13	367.10		0.13	368.90	1.80	0.49%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>3,190.96</b>			<b>3,206.62</b>	<b>15.65</b>	<b>0.49%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>3,190.96</b>			<b>3,206.62</b>	<b>15.65</b>	<b>0.49%</b>	<b>100.00%</b>

**2021 Bill Impacts (Typical Consumption Level)**

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Rate Class	UGd
Monthly Consumption (kWh)	35,000
Peak (kW)	120
Loss factor	1.050
Load factor	40%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	36,750
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	36,750	0.103	3,785.25	36,750	0.103	3,785.25	0.00	0.00%	54.12%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>3,785.25</b>			<b>3,785.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.12%</b>
Service Charge	1	105.1	105.10	1	106.7	106.70	1.60	1.52%	1.53%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	120	10.2368	1,228.42	120	10.5133	1,261.60	33.18	2.70%	18.04%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	120	0.0646	7.75	120	0.0646	7.75	0.00	0.00%	0.11%
Volumetric Global Adjustment Account Rider	36,750	0.0019	69.83	36,750	0.0019	69.83	0.00	0.00%	1.00%
<b>Sub-Total: Distribution</b>			<b>1,411.10</b>			<b>1,445.88</b>	<b>34.78</b>	<b>2.46%</b>	<b>20.67%</b>
Retail Transmission Rate – Network Service Rate	120	2.2310	267.72	120	2.1349	256.19	-11.54	-4.31%	3.66%
Retail Transmission Rate – Line and Transformation Connection Service Rate	120	1.7047	204.56	120	1.7285	207.42	2.86	1.40%	2.97%
<b>Sub-Total: Retail Transmission</b>			<b>472.29</b>			<b>463.61</b>	<b>-8.68</b>	<b>-1.84%</b>	<b>6.63%</b>
<b>Sub-Total: Delivery</b>			<b>1,883.39</b>			<b>1,909.49</b>	<b>26.10</b>	<b>1.39%</b>	<b>27.30%</b>
Wholesale Market Service Rate	36,750	0.0036	132.30	36,750	0.0036	132.30	0.00	0.00%	1.89%
Rural Rate Protection Charge	36,750	0.0021	77.18	36,750	0.0021	77.18	0.00	0.00%	1.10%
Ontario Electricity Support Program Charge	36,750	0.0011	40.43	36,750	0.0011	40.43	0.00	0.00%	0.58%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>250.15</b>			<b>250.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.58%</b>
<b>Debt Retirement Charge (DRC)</b>			<b>245.00</b>			<b>245.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.50%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>	35,000	0.007	<b>6,163.79</b>	35,000	0.007	<b>6,189.89</b>	<b>26.10</b>	<b>0.42%</b>	<b>88.50%</b>
HST		0.13	801.29		0.13	804.69	3.39	0.42%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>6,965.08</b>			<b>6,994.58</b>	<b>29.50</b>	<b>0.42%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>6,965.08</b>			<b>6,994.58</b>	<b>29.50</b>	<b>0.42%</b>	<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	UGd
Monthly Consumption (kWh)	50,525
Peak (kW)	138
Loss factor	1.050
Load factor	50%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	53,051
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	53,051	0.103	5,464.28	53,051	0.103	5,464.28	0.00	0.00%	57.71%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>5,464.28</b>			<b>5,464.28</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.71%</b>
Service Charge	1	105.1	105.10	1	106.7	106.70	1.60	1.52%	1.13%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	138	10.2368	1,412.68	138	10.5133	1,450.84	38.16	2.70%	15.32%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	138	0.0646	8.91	138	0.0646	8.91	0.00	0.00%	0.09%
Volumetric Global Adjustment Account Rider	53,051	0.0019	100.80	53,051	0.0019	100.80	0.00	0.00%	1.06%
<b>Sub-Total: Distribution</b>			<b>1,627.50</b>			<b>1,667.26</b>	<b>39.76</b>	<b>2.44%</b>	<b>17.61%</b>
Retail Transmission Rate – Network Service Rate	138	2.2310	307.88	138	2.1349	294.62	-13.27	-4.31%	3.11%
Retail Transmission Rate – Line and Transformation Connection Service Rate	138	1.7047	235.25	138	1.7285	238.53	3.29	1.40%	2.52%
<b>Sub-Total: Retail Transmission</b>			<b>543.13</b>			<b>533.15</b>	<b>-9.98</b>	<b>-1.84%</b>	<b>5.63%</b>
<b>Sub-Total: Delivery</b>			<b>2,170.63</b>			<b>2,200.41</b>	<b>29.78</b>	<b>1.37%</b>	<b>23.24%</b>
Wholesale Market Service Rate	53,051	0.0036	190.98	53,051	0.0036	190.98	0.00	0.00%	2.02%
Rural Rate Protection Charge	53,051	0.0021	111.41	53,051	0.0021	111.41	0.00	0.00%	1.18%
Ontario Electricity Support Program Charge	53,051	0.0011	58.36	53,051	0.0011	58.36	0.00	0.00%	0.62%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>361.00</b>			<b>361.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.81%</b>
<b>Debt Retirement Charge (DRC)</b>	50,525	0.007	<b>353.68</b>	50,525	0.007	<b>353.68</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.74%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>8,349.58</b>			<b>8,379.36</b>	<b>29.78</b>	<b>0.36%</b>	<b>88.50%</b>
HST		0.13	1,085.45		0.13	1,089.32	3.87	0.36%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>9,435.03</b>			<b>9,468.68</b>	<b>33.65</b>	<b>0.36%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>9,435.03</b>			<b>9,468.68</b>	<b>33.65</b>	<b>0.36%</b>	<b>100.00%</b>

**2021 Bill Impacts (High Consumption Level)**

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Rate Class	UGd
Monthly Consumption (kWh)	175,000
Peak (kW)	500
Loss factor	1.050
Load factor	48%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	183,750
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	183,750	0.103	18,926.25	183,750	0.103	18,926.25	0.00	0.00%	57.60%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>18,926.25</b>			<b>18,926.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.60%</b>
Service Charge	1	105.1	105.10	1	106.7	106.70	1.60	1.52%	0.32%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	500	10.2368	5,118.40	500	10.5133	5,256.65	138.25	2.70%	16.00%
Volumetric Global Adjustment Account Rider	183,750	0.0019	349.13	183,750	0.0019	349.13	0.00	0.00%	1.06%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	500	0.0646	32.30	500	0.0646	32.30	0.00	0.00%	0.10%
<b>Sub-Total: Distribution</b>			<b>5,604.94</b>			<b>5,744.79</b>	<b>139.85</b>	<b>2.50%</b>	<b>17.48%</b>
Retail Transmission Rate – Network Service Rate	500	2.2310	1,115.52	500	2.1349	1,067.45	-48.07	-4.31%	3.25%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.7047	852.34	500	1.7285	864.25	11.91	1.40%	2.63%
<b>Sub-Total: Retail Transmission</b>			<b>1,967.86</b>			<b>1,931.70</b>	<b>-36.16</b>	<b>-1.84%</b>	<b>5.88%</b>
<b>Sub-Total: Delivery</b>			<b>7,572.79</b>			<b>7,676.49</b>	<b>103.69</b>	<b>1.37%</b>	<b>23.36%</b>
Wholesale Market Service Rate	183,750	0.0036	661.50	183,750	0.0036	661.50	0.00	0.00%	2.01%
Rural Rate Protection Charge	183,750	0.0021	385.88	183,750	0.0021	385.88	0.00	0.00%	1.17%
Ontario Electricity Support Program Charge	183,750	0.0011	202.13	183,750	0.0011	202.13	0.00	0.00%	0.62%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,249.75</b>			<b>1,249.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.80%</b>
<b>Debt Retirement Charge (DRC)</b>	175,000	0.007	<b>1,225.00</b>	175,000	0.007	<b>1,225.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.73%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>28,973.79</b>			<b>29,077.49</b>	<b>103.69</b>	<b>0.36%</b>	<b>88.50%</b>
HST		0.13	3,766.59		0.13	3,780.07	13.48	0.36%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>32,740.39</b>			<b>32,857.56</b>	<b>117.17</b>	<b>0.36%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>32,740.39</b>			<b>32,857.56</b>	<b>117.17</b>	<b>0.36%</b>	<b>100.00%</b>

**2021 Bill Impacts (Low Consumption Level)**

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Rate Class	GSd
Monthly Consumption (kWh)	15,000
Peak (kW)	60
Loss factor	1.061
Load factor	34%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	15,915
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,915	0.103	1,639.25	15,915	0.103	1,639.25	0.00	0.00%	44.40%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,639.25</b>			<b>1,639.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>44.40%</b>
Service Charge	1	106.28	106.28	1	107.62	107.62	1.34	1.26%	2.91%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	0.00%
Distribution Volumetric Rate	60	17.8734	1,072.40	60	18.3529	1,101.17	28.77	2.68%	29.82%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	60	0.0470	2.82	60	0.0470	2.82	0.00	0.00%	0.08%
Volumetric Global Adjustment Account Rider	15,915	0.0019	30.24	15,915	0.0019	30.24	0.00	0.00%	0.82%
<b>Sub-Total: Distribution</b>			<b>1,211.72</b>			<b>1,241.83</b>	<b>30.11</b>	<b>2.48%</b>	<b>33.63%</b>
Retail Transmission Rate – Network Service Rate	60	1.6718	100.31	60	1.5908	95.45	-4.86	-4.85%	2.59%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.2769	76.61	60	1.2918	77.51	0.89	1.17%	2.10%
<b>Sub-Total: Retail Transmission</b>			<b>176.92</b>			<b>172.96</b>	<b>-3.97</b>	<b>-2.24%</b>	<b>4.68%</b>
<b>Sub-Total: Delivery</b>			<b>1,388.65</b>			<b>1,414.79</b>	<b>26.14</b>	<b>1.88%</b>	<b>38.32%</b>
Wholesale Market Service Rate	15,915	0.0036	57.29	15,915	0.0036	57.29	0.00	0.00%	1.55%
Rural Rate Protection Charge	15,915	0.0021	33.42	15,915	0.0021	33.42	0.00	0.00%	0.91%
Ontario Electricity Support Program Charge	15,915	0.0011	17.51	15,915	0.0011	17.51	0.00	0.00%	0.47%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>108.47</b>			<b>108.47</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.94%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.84%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>3,241.36</b>			<b>3,267.51</b>	<b>26.14</b>	<b>0.81%</b>	<b>88.50%</b>
HST		0.13	421.38		0.13	424.78	3.40	0.81%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>3,662.74</b>			<b>3,692.28</b>	<b>29.54</b>	<b>0.81%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>3,662.74</b>			<b>3,692.28</b>	<b>29.54</b>	<b>0.81%</b>	<b>100.00%</b>

**2021 Bill Impacts (Typical Consumption Level)**

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Rate Class	GSd
Monthly Consumption (kWh)	35,000
Peak (kW)	120
Loss factor	1.061
Load factor	40%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	37,135
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	37,135	0.103	3,824.91	37,135	0.103	3,824.91	0.00	0.00%	47.98%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>3,824.91</b>			<b>3,824.91</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.98%</b>
Service Charge	1	106.28	106.28	1	107.62	107.62	1.34	1.26%	1.35%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	0.00%
Distribution Volumetric Rate	120	17.8734	2,144.81	120	18.3529	2,202.35	57.54	2.68%	27.63%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	120	0.0470	5.64	120	0.0470	5.64	0.00	0.00%	0.07%
Volumetric Global Adjustment Account Rider	37,135	0.0019	70.56	37,135	0.0019	70.56	0.00	0.00%	0.89%
<b>Sub-Total: Distribution</b>			<b>2,327.26</b>			<b>2,386.14</b>	<b>58.88</b>	<b>2.53%</b>	<b>29.93%</b>
Retail Transmission Rate – Network Service Rate	120	1.6718	200.62	120	1.5908	190.90	-9.72	-4.85%	2.39%
Retail Transmission Rate – Line and Transformation Connection Service Rate	120	1.2769	153.23	120	1.2918	155.02	1.79	1.17%	1.94%
<b>Sub-Total: Retail Transmission</b>			<b>353.85</b>			<b>345.91</b>	<b>-7.94</b>	<b>-2.24%</b>	<b>4.34%</b>
<b>Sub-Total: Delivery</b>			<b>2,681.11</b>			<b>2,732.06</b>	<b>50.94</b>	<b>1.90%</b>	<b>34.27%</b>
Wholesale Market Service Rate	37,135	0.0036	133.69	37,135	0.0036	133.69	0.00	0.00%	1.68%
Rural Rate Protection Charge	37,135	0.0021	77.98	37,135	0.0021	77.98	0.00	0.00%	0.98%
Ontario Electricity Support Program Charge	37,135	0.0011	40.85	37,135	0.0011	40.85	0.00	0.00%	0.51%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>252.77</b>			<b>252.77</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.17%</b>
<b>Debt Retirement Charge (DRC)</b>	35,000	0.007	<b>245.00</b>	35,000	0.007	<b>245.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.07%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>7,003.79</b>			<b>7,054.73</b>	<b>50.94</b>	<b>0.73%</b>	<b>88.50%</b>
HST		0.13	910.49		0.13	917.11	6.62	0.73%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>7,914.28</b>			<b>7,971.84</b>	<b>57.57</b>	<b>0.73%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>7,914.28</b>			<b>7,971.84</b>	<b>57.57</b>	<b>0.73%</b>	<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	GSd
Monthly Consumption (kWh)	36,104
Peak (kW)	128
Loss factor	1.061
Load factor	39%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	38,306
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	38,306	0.103	3,945.55	38,306	0.103	3,945.55	0.00	0.00%	47.42%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>3,945.55</b>			<b>3,945.55</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.42%</b>
Service Charge	1	106.28	106.28	1	107.62	107.62	1.34	1.26%	1.29%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	0.00%
Distribution Volumetric Rate	128	17.8734	2,287.80	128	18.3529	2,349.17	61.38	2.68%	28.23%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	128	0.0470	6.02	128	0.0470	6.02	0.00	0.00%	0.07%
Volumetric Global Adjustment Account Rider	38,306	0.0019	72.78	38,306	0.0019	72.78	0.00	0.00%	0.87%
<b>Sub-Total: Distribution</b>			<b>2,472.85</b>			<b>2,535.57</b>	<b>62.72</b>	<b>2.54%</b>	<b>30.47%</b>
Retail Transmission Rate – Network Service Rate	128	1.6718	213.99	128	1.5908	203.62	-10.37	-4.85%	2.45%
Retail Transmission Rate – Line and Transformation Connection Service Rate	128	1.2769	163.44	128	1.2918	165.35	1.91	1.17%	1.99%
<b>Sub-Total: Retail Transmission</b>			<b>377.44</b>			<b>368.97</b>	<b>-8.46</b>	<b>-2.24%</b>	<b>4.43%</b>
<b>Sub-Total: Delivery</b>			<b>2,850.29</b>			<b>2,904.54</b>	<b>54.25</b>	<b>1.90%</b>	<b>34.91%</b>
Wholesale Market Service Rate	38,306	0.0036	137.90	38,306	0.0036	137.90	0.00	0.00%	1.66%
Rural Rate Protection Charge	38,306	0.0021	80.44	38,306	0.0021	80.44	0.00	0.00%	0.97%
Ontario Electricity Support Program Charge	38,306	0.0011	42.14	38,306	0.0011	42.14	0.00	0.00%	0.51%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>260.73</b>			<b>260.73</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.13%</b>
<b>Debt Retirement Charge (DRC)</b>	36,104	0.007	<b>252.73</b>	36,104	0.007	<b>252.73</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.04%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>7,309.31</b>			<b>7,363.56</b>	<b>54.25</b>	<b>0.74%</b>	<b>88.50%</b>
HST		0.13	950.21		0.13	957.26	7.05	0.74%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>8,259.52</b>			<b>8,320.82</b>	<b>61.30</b>	<b>0.74%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>8,259.52</b>			<b>8,320.82</b>	<b>61.30</b>	<b>0.74%</b>	<b>100.00%</b>

**2021 Bill Impacts (High Consumption Level)**

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Rate Class	GSd
Monthly Consumption (kWh)	175,000
Peak (kW)	500
Loss factor	1.061
Load factor	48%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	185,675
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	185,675	0.103	19,124.53	185,675	0.103	19,124.53	0.00	0.00%	51.73%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>19,124.53</b>			<b>19,124.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.73%</b>
Service Charge	1	106.28	106.28	1	107.62	107.62	1.34	1.26%	0.29%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	0.00%
Distribution Volumetric Rate	500	17.8734	8,936.70	500	18.3529	9,176.45	239.75	2.68%	24.82%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	500	0.0470	23.50	500	0.0470	23.50	0.00	0.00%	0.06%
Volumetric Global Adjustment Account Rider	185,675	0.0019	352.78	185,675	0.0019	352.78	0.00	0.00%	0.95%
<b>Sub-Total: Distribution</b>			<b>9,419.24</b>			<b>9,660.33</b>	<b>241.09</b>	<b>2.56%</b>	<b>26.13%</b>
Retail Transmission Rate – Network Service Rate	500	1.6718	835.91	500	1.5908	795.40	-40.51	-4.85%	2.15%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.2769	638.46	500	1.2918	645.90	7.44	1.17%	1.75%
<b>Sub-Total: Retail Transmission</b>			<b>1,474.37</b>			<b>1,441.30</b>	<b>-33.07</b>	<b>-2.24%</b>	<b>3.90%</b>
<b>Sub-Total: Delivery</b>			<b>10,893.61</b>			<b>11,101.63</b>	<b>208.02</b>	<b>1.91%</b>	<b>30.03%</b>
Wholesale Market Service Rate	185,675	0.0036	668.43	185,675	0.0036	668.43	0.00	0.00%	1.81%
Rural Rate Protection Charge	185,675	0.0021	389.92	185,675	0.0021	389.92	0.00	0.00%	1.05%
Ontario Electricity Support Program Charge	185,675	0.0011	204.24	185,675	0.0011	204.24	0.00	0.00%	0.55%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,262.84</b>			<b>1,262.84</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.42%</b>
<b>Debt Retirement Charge (DRC)</b>									
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>	175,000	0.007	<b>1,225.00</b>	175,000	0.007	<b>1,225.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.31%</b>
<b>HST</b>			<b>4,225.78</b>			<b>4,252.82</b>	<b>27.04</b>	<b>0.64%</b>	<b>11.50%</b>
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>36,731.75</b>			<b>36,966.82</b>	<b>235.07</b>	<b>0.64%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>			<b>0.00</b>			<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Amount on Two-Tier RPP</b>			<b>36,731.75</b>			<b>36,966.82</b>	<b>235.07</b>	<b>0.64%</b>	<b>100.00%</b>

**2021 Bill Impacts (Low Consumption Level)**

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Rate Class	Dgen
Monthly Consumption (kWh)	300
Peak (kW)	10
Loss factor	1.061
Load factor	4%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	318
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	318	0.103	32.78	318	0.103	32.78	0.00	0.00%	8.08%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>32.78</b>			<b>32.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>8.08%</b>
Service Charge	1	198.03	198.03	1	198.03	198.03	0.00	0.00%	48.80%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	10	10.379	103.79	10	11.1084	111.08	7.29	7.03%	27.37%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	10	0.0172	0.17	10	0.0172	0.17	0.00	0.00%	0.04%
Volumetric Global Adjustment Account Rider	318	0.0019	0.60	318	0.0019	0.60	0.00	0.00%	0.15%
<b>Sub-Total: Distribution</b>			<b>302.61</b>			<b>309.90</b>	<b>7.29</b>	<b>2.41%</b>	<b>76.36%</b>
Retail Transmission Rate – Network Service Rate	10	0.6311	6.31	10	0.6395	6.40	0.08	1.33%	1.58%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10	0.5475	5.47	10	0.5543	5.54	0.07	1.25%	1.37%
<b>Sub-Total: Retail Transmission</b>			<b>11.79</b>			<b>11.94</b>	<b>0.15</b>	<b>1.29%</b>	<b>2.94%</b>
<b>Sub-Total: Delivery</b>			<b>314.39</b>			<b>321.84</b>	<b>7.45</b>	<b>2.37%</b>	<b>79.30%</b>
Wholesale Market Service Rate	318	0.0036	1.15	318	0.0036	1.15	0.00	0.00%	0.28%
Rural Rate Protection Charge	318	0.0021	0.67	318	0.0021	0.67	0.00	0.00%	0.16%
Ontario Electricity Support Program Charge	318	0.0011	0.35	318	0.0011	0.35	0.00	0.00%	0.09%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%
<b>Sub-Total: Regulatory</b>			<b>2.41</b>			<b>2.41</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.59%</b>
<b>Debt Retirement Charge (DRC)</b>	300	0.007	2.10	300	0.007	2.10	0.00	0.00%	0.52%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>351.69</b>			<b>359.14</b>	<b>7.45</b>	<b>2.12%</b>	<b>88.50%</b>
HST		0.13	45.72		0.13	46.69	0.97	2.12%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>397.41</b>			<b>405.83</b>	<b>8.41</b>	<b>2.12%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>397.41</b>			<b>405.83</b>	<b>8.41</b>	<b>2.12%</b>	<b>100.00%</b>

**2021 Bill Impacts (Typical Consumption Level)**

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Rate Class	Dgen
Monthly Consumption (kWh)	2,000
Peak (kW)	20
Loss factor	1.061
Load factor	14%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	2,122
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	2,122	0.103	218.57	2,122	0.103	218.57	0.00	0.00%	27.80%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>218.57</b>			<b>218.57</b>	<b>0.00</b>	<b>0.00%</b>	<b>27.80%</b>
Service Charge	1	198.03	198.03	1	198.03	198.03	0.00	0.00%	25.19%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	20	10.379	207.58	20	11.1084	222.17	14.59	7.03%	28.26%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	20	0.0172	0.34	20	0.0172	0.34	0.00	0.00%	0.04%
Volumetric Global Adjustment Account Rider	2,122	0.0019	4.03	2,122	0.0019	4.03	0.00	0.00%	0.51%
<b>Sub-Total: Distribution</b>			<b>410.00</b>			<b>424.58</b>	<b>14.59</b>	<b>3.56%</b>	<b>54.01%</b>
Retail Transmission Rate – Network Service Rate	20	0.6311	12.62	20	0.6395	12.79	0.17	1.33%	1.63%
Retail Transmission Rate – Line and Transformation Connection Service Rate	20	0.5475	10.95	20	0.5543	11.09	0.14	1.25%	1.41%
<b>Sub-Total: Retail Transmission</b>			<b>23.57</b>			<b>23.88</b>	<b>0.30</b>	<b>1.29%</b>	<b>3.04%</b>
<b>Sub-Total: Delivery</b>			<b>433.57</b>			<b>448.46</b>	<b>14.89</b>	<b>3.43%</b>	<b>57.05%</b>
Wholesale Market Service Rate	2,122	0.0036	7.64	2,122	0.0036	7.64	0.00	0.00%	0.97%
Rural Rate Protection Charge	2,122	0.0021	4.46	2,122	0.0021	4.46	0.00	0.00%	0.57%
Ontario Electricity Support Program Charge	2,122	0.0011	2.33	2,122	0.0011	2.33	0.00	0.00%	0.30%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.03%
<b>Sub-Total: Regulatory</b>			<b>14.68</b>			<b>14.68</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.87%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	<b>14.00</b>	2,000	0.007	<b>14.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.78%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>680.81</b>			<b>695.71</b>	<b>14.89</b>	<b>2.19%</b>	<b>88.50%</b>
HST		0.13	88.51		0.13	90.44	1.94	2.19%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>769.32</b>			<b>786.15</b>	<b>16.83</b>	<b>2.19%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>769.32</b>			<b>786.15</b>	<b>16.83</b>	<b>2.19%</b>	<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	Dgen
Monthly Consumption (kWh)	1,328
Peak (kW)	12
Loss factor	1.061
Load factor	15%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	1,409
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	1,409	0.103	145.13	1,409	0.103	145.13	0.00	0.00%	25.04%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>145.13</b>			<b>145.13</b>	<b>0.00</b>	<b>0.00%</b>	<b>25.04%</b>
Service Charge	1	198.03	198.03	1	198.03	198.03	0.00	0.00%	34.17%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	12	10.379	124.55	12	11.1084	133.30	8.75	7.03%	23.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	12	0.0172	0.21	12	0.0172	0.21	0.00	0.00%	0.04%
Volumetric Global Adjustment Account Rider	1,409	0.0019	2.68	1,409	0.0019	2.68	0.00	0.00%	0.46%
<b>Sub-Total: Distribution</b>			<b>325.47</b>			<b>334.22</b>	<b>8.75</b>	<b>2.69%</b>	<b>57.68%</b>
Retail Transmission Rate – Network Service Rate	12	0.6311	7.57	12	0.6395	7.67	0.10	1.33%	1.32%
Retail Transmission Rate – Line and Transformation Connection Service Rate	12	0.5475	6.57	12	0.5543	6.65	0.08	1.25%	1.15%
<b>Sub-Total: Retail Transmission</b>			<b>14.14</b>			<b>14.33</b>	<b>0.18</b>	<b>1.29%</b>	<b>2.47%</b>
<b>Sub-Total: Delivery</b>			<b>339.61</b>			<b>348.55</b>	<b>8.94</b>	<b>2.63%</b>	<b>60.15%</b>
Wholesale Market Service Rate	1,409	0.0036	5.07	1,409	0.0036	5.07	0.00	0.00%	0.88%
Rural Rate Protection Charge	1,409	0.0021	2.96	1,409	0.0021	2.96	0.00	0.00%	0.51%
Ontario Electricity Support Program Charge	1,409	0.0011	1.55	1,409	0.0011	1.55	0.00	0.00%	0.27%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.04%
<b>Sub-Total: Regulatory</b>			<b>9.83</b>			<b>9.83</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.70%</b>
<b>Debt Retirement Charge (DRC)</b>	1,328	0.007	<b>9.30</b>	1,328	0.007	<b>9.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.60%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>503.87</b>			<b>512.80</b>	<b>8.94</b>	<b>1.77%</b>	<b>88.50%</b>
HST		0.13	65.50		0.13	66.66	1.16	1.77%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>569.37</b>			<b>579.47</b>	<b>10.10</b>	<b>1.77%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>569.37</b>			<b>579.47</b>	<b>10.10</b>	<b>1.77%</b>	<b>100.00%</b>

**2021 Bill Impacts (High Consumption Level)**

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Rate Class	Dgen
Monthly Consumption (kWh)	5,000
Peak (kW)	100
Loss factor	1.061
Load factor	7%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	5,305
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	5,305	0.103	546.42	5,305	0.103	546.42	0.00	0.00%	23.50%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>546.42</b>			<b>546.42</b>	<b>0.00</b>	<b>0.00%</b>	<b>23.50%</b>
Service Charge	1	198.03	198.03	1	198.03	198.03	0.00	0.00%	8.52%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	100	10.379	1,037.90	100	11.1084	1,110.84	72.94	7.03%	47.77%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	100	0.0172	1.72	100	0.0172	1.72	0.00	0.00%	0.07%
Volumetric Global Adjustment Account Rider	5,305	0.0019	10.08	5,305	0.0019	10.08	0.00	0.00%	0.43%
<b>Sub-Total: Distribution</b>			<b>1,247.74</b>			<b>1,320.68</b>	<b>72.94</b>	<b>5.85%</b>	<b>56.80%</b>
Retail Transmission Rate – Network Service Rate	100	0.6311	63.11	100	0.6395	63.95	0.84	1.33%	2.75%
Retail Transmission Rate – Line and Transformation Connection Service Rate	100	0.5475	54.75	100	0.5543	55.43	0.68	1.25%	2.38%
<b>Sub-Total: Retail Transmission</b>			<b>117.86</b>			<b>119.38</b>	<b>1.52</b>	<b>1.29%</b>	<b>5.13%</b>
<b>Sub-Total: Delivery</b>			<b>1,365.60</b>			<b>1,440.06</b>	<b>74.46</b>	<b>5.45%</b>	<b>61.93%</b>
Wholesale Market Service Rate	5,305	0.0036	19.10	5,305	0.0036	19.10	0.00	0.00%	0.82%
Rural Rate Protection Charge	5,305	0.0021	11.14	5,305	0.0021	11.14	0.00	0.00%	0.48%
Ontario Electricity Support Program Charge	5,305	0.0011	5.84	5,305	0.0011	5.84	0.00	0.00%	0.25%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>36.32</b>			<b>36.32</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.56%</b>
<b>Debt Retirement Charge (DRC)</b>	5,000	0.007	<b>35.00</b>	5,000	0.007	<b>35.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.51%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>1,983.33</b>			<b>2,057.80</b>	<b>74.46</b>	<b>3.75%</b>	<b>88.50%</b>
HST		0.13	267.83		0.13	267.51	9.68	3.75%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>2,241.17</b>			<b>2,325.31</b>	<b>84.14</b>	<b>3.75%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>2,241.17</b>			<b>2,325.31</b>	<b>84.14</b>	<b>3.75%</b>	<b>100.00%</b>

**2021 Bill Impacts (Low Consumption Level)**

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Rate Class	ST
Monthly Consumption (kWh)	200,000
Peak (kW)	500
Loss factor	1.034
Load factor	55%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	206,800
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	206,800	0.103	21,300.40	206,800	0.103	21,300.40	0.00	0.00%	63.41%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>21,300.40</b>			<b>21,300.40</b>	<b>0.00</b>	<b>0.00%</b>	<b>63.41%</b>
Service Charge (includes Meter Charge for 1 meter point)	1	1256.88	1,256.88	1	1269.2	1,269.20	12.32	0.98%	3.78%
Fixed Deferral/Variance Account Rider	1	3.83	3.83	1	3.83	3.83	0.00	0.00%	0.01%
Distribution Volumetric Rate (ST Common Line Charge)	500	1.4140	707.02	500	1.4475	723.77	16.75	2.37%	2.15%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	500	0.2729	136.45	500	0.2729	136.45	0.00	0.00%	0.41%
Volumetric Global Adjustment Account Rider	206,800	0.0019	392.92	206,800	0.0019	392.92	0.00	0.00%	1.17%
<b>Sub-Total: Distribution</b>			<b>2,497.10</b>			<b>2,526.17</b>	<b>29.07</b>	<b>1.16%</b>	<b>7.52%</b>
Retail Transmission Rate – Network Service Rate	500	3.4866	1,743.32	500	3.5367	1,768.35	25.03	1.44%	5.26%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	2.6022	1,301.08	500	2.6514	1,325.70	24.62	1.89%	3.95%
<b>Sub-Total: Retail Transmission</b>			<b>3,044.41</b>			<b>3,094.05</b>	<b>49.64</b>	<b>1.63%</b>	<b>9.21%</b>
<b>Sub-Total: Delivery</b>			<b>5,541.50</b>			<b>5,620.22</b>	<b>78.72</b>	<b>1.42%</b>	<b>16.73%</b>
Wholesale Market Service Rate	206,800	0.0036	744.48	206,800	0.0036	744.48	0.00	0.00%	2.22%
Rural Rate Protection Charge	206,800	0.0021	434.28	206,800	0.0021	434.28	0.00	0.00%	1.29%
Ontario Electricity Support Program Charge	206,800	0.0011	227.48	206,800	0.0011	227.48	0.00	0.00%	0.68%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,406.49</b>			<b>1,406.49</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.19%</b>
<b>Debt Retirement Charge (DRC)</b>			<b>1,400.00</b>			<b>1,400.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.17%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>29,648.39</b>			<b>29,727.11</b>	<b>78.72</b>	<b>0.27%</b>	<b>88.50%</b>
HST		0.13	3,854.29		0.13	3,864.52	10.23	0.27%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>33,502.69</b>			<b>33,591.64</b>	<b>88.95</b>	<b>0.27%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>33,502.69</b>			<b>33,591.64</b>	<b>88.95</b>	<b>0.27%</b>	<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	ST
Monthly Consumption (kWh)	1,601,036
Peak (kW)	2,960
Loss factor	1.034
Load factor	74%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	1,655,471
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	1,655,471	0.103	170,513.54	1,655,471	0.103	170,513.54	0.00	0.00%	68.34%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>170,513.54</b>			<b>170,513.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>68.34%</b>
Service Charge (includes Meter Charge for 1 meter point)	1	1256.88	1,256.88	1	1269.2	1,269.20	12.32	0.98%	0.51%
Fixed Deferral/Variance Account Rider	1	3.83	3.83	1	3.83	3.83	0.00	0.00%	0.00%
Distribution Volumetric Rate (ST Common Line Charge)	2,960	1.4140	4,185.55	2,960	1.4475	4,284.73	99.18	2.37%	1.72%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	2,960	0.2729	807.78	2,960	0.2729	807.78	0.00	0.00%	0.32%
Volumetric Global Adjustment Account Rider	1,655,471	0.0019	3,145.40	1,655,471	0.0019	3,145.40	0.00	0.00%	1.26%
<b>Sub-Total: Distribution</b>			<b>9,399.43</b>			<b>9,510.94</b>	<b>111.50</b>	<b>1.19%</b>	<b>3.81%</b>
Retail Transmission Rate – Network Service Rate	2,960	3.4866	10,320.48	2,960	3.5367	10,468.63	148.15	1.44%	4.20%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,960	2.6022	7,702.41	2,960	2.6514	7,848.14	145.74	1.89%	3.15%
<b>Sub-Total: Retail Transmission</b>			<b>18,022.88</b>			<b>18,316.78</b>	<b>293.89</b>	<b>1.63%</b>	<b>7.34%</b>
<b>Sub-Total: Delivery</b>			<b>27,422.32</b>			<b>27,827.71</b>	<b>405.39</b>	<b>1.48%</b>	<b>11.15%</b>
Wholesale Market Service Rate	1,655,471	0.0036	5,959.70	1,655,471	0.0036	5,959.70	0.00	0.00%	2.39%
Rural Rate Protection Charge	1,655,471	0.0021	3,476.49	1,655,471	0.0021	3,476.49	0.00	0.00%	1.39%
Ontario Electricity Support Program Charge	1,655,471	0.0011	1,821.02	1,655,471	0.0011	1,821.02	0.00	0.00%	0.73%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>11,257.45</b>			<b>11,257.45</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.51%</b>
<b>Debt Retirement Charge (DRC)</b>	1,601,036	0.007	<b>11,207.25</b>	1,601,036	0.007	<b>11,207.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.49%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>220,400.56</b>			<b>220,805.95</b>	<b>405.39</b>	<b>0.18%</b>	<b>88.50%</b>
HST		0.13	28,652.07		0.13	28,704.77	52.70	0.18%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>249,052.64</b>			<b>249,510.73</b>	<b>458.09</b>	<b>0.18%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>249,052.64</b>			<b>249,510.73</b>	<b>458.09</b>	<b>0.18%</b>	<b>100.00%</b>

**2021 Bill Impacts (Typical Consumption Level)**

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Rate Class	ST
Monthly Consumption (kWh)	500,000
Peak (kW)	1,000
Loss factor	1.034
Load factor	68%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	517,000
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	517,000	0.103	53,251.00	517,000	0.103	53,251.00	0.00	0.00%	66.91%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>53,251.00</b>			<b>53,251.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>66.91%</b>
Service Charge (includes Meter Charge for 1 meter point)	1	1256.88	1,256.88	1	1269.2	1,269.20	12.32	0.98%	1.59%
Fixed Deferral/Variance Account Rider	1	3.83	3.83	1	3.83	3.83	0.00	0.00%	0.00%
Distribution Volumetric Rate (ST Common Line Charge)	1,000	1.4140	1,414.04	1,000	1.4475	1,447.54	33.51	2.37%	1.82%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,000	0.2729	272.90	1,000	0.2729	272.90	0.00	0.00%	0.34%
Volumetric Global Adjustment Account Rider	517,000	0.0019	982.30	517,000	0.0019	982.30	0.00	0.00%	1.23%
<b>Sub-Total: Distribution</b>			<b>3,929.95</b>			<b>3,975.77</b>	<b>45.83</b>	<b>1.17%</b>	<b>5.00%</b>
Retail Transmission Rate – Network Service Rate	1,000	3.4866	3,486.65	1,000	3.5367	3,536.70	50.05	1.44%	4.44%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,000	2.6022	2,602.16	1,000	2.6514	2,651.40	49.24	1.89%	3.33%
<b>Sub-Total: Retail Transmission</b>			<b>6,088.81</b>			<b>6,188.10</b>	<b>99.29</b>	<b>1.63%</b>	<b>7.78%</b>
<b>Sub-Total: Delivery</b>			<b>10,018.76</b>			<b>10,163.87</b>	<b>145.11</b>	<b>1.45%</b>	<b>12.77%</b>
Wholesale Market Service Rate	517,000	0.0036	1,861.20	517,000	0.0036	1,861.20	0.00	0.00%	2.34%
Rural Rate Protection Charge	517,000	0.0021	1,085.70	517,000	0.0021	1,085.70	0.00	0.00%	1.36%
Ontario Electricity Support Program Charge	517,000	0.0011	568.70	517,000	0.0011	568.70	0.00	0.00%	0.71%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>3,515.85</b>			<b>3,515.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.42%</b>
<b>Debt Retirement Charge (DRC)</b>									
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>	500,000	0.007	<b>3,500.00</b>	500,000	0.007	<b>3,500.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.40%</b>
<b>HST</b>			<b>70,285.61</b>			<b>70,430.72</b>	<b>145.11</b>	<b>0.21%</b>	<b>88.50%</b>
		0.13	9,137.13		0.13	9,155.99	18.86	0.21%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>79,422.74</b>			<b>79,586.72</b>	<b>163.98</b>	<b>0.21%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>			<b>0.00</b>			<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>
		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>79,422.74</b>			<b>79,586.72</b>	<b>163.98</b>	<b>0.21%</b>	<b>100.00%</b>

**2021 Bill Impacts (High Consumption Level)**

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Rate Class	ST
Monthly Consumption (kWh)	4,000,000
Peak (kW)	10,000
Loss factor	1.034
Load factor	55%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	4,136,000
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	4,136,000	0.103	426,008.00	4,136,000	0.103	426,008.00	0.00	0.00%	66.10%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>426,008.00</b>			<b>426,008.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>66.10%</b>
Service Charge (includes Meter Charge for 1 meter point)	1	1256.88	1,256.88	1	1269.2	1,269.20	12.32	0.98%	0.20%
Fixed Deferral/Variance Account Rider	1	3.83	3.83	1	3.83	3.83	0.00	0.00%	0.00%
Distribution Volumetric Rate (ST Common Line Charge)	10,000	1.4140	14,140.36	10,000	1.4475	14,475.42	335.07	2.37%	2.25%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	10,000	0.2729	2,729.00	10,000	0.2729	2,729.00	0.00	0.00%	0.42%
Volumetric Global Adjustment Account Rider	4,136,000	0.0019	7,858.40	4,136,000	0.0019	7,858.40	0.00	0.00%	1.22%
<b>Sub-Total: Distribution</b>			<b>25,988.47</b>			<b>26,335.85</b>	<b>347.39</b>	<b>1.34%</b>	<b>4.09%</b>
Retail Transmission Rate – Network Service Rate	10,000	3.4866	34,866.48	10,000	3.5367	35,367.00	500.52	1.44%	5.49%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,000	2.6022	26,021.64	10,000	2.6514	26,514.00	492.36	1.89%	4.11%
<b>Sub-Total: Retail Transmission</b>			<b>60,888.12</b>			<b>61,881.00</b>	<b>992.88</b>	<b>1.63%</b>	<b>9.60%</b>
<b>Sub-Total: Delivery</b>			<b>86,876.59</b>			<b>88,216.85</b>	<b>1,340.26</b>	<b>1.54%</b>	<b>13.69%</b>
Wholesale Market Service Rate	4,136,000	0.0036	14,889.60	4,136,000	0.0036	14,889.60	0.00	0.00%	2.31%
Rural Rate Protection Charge	4,136,000	0.0021	8,685.60	4,136,000	0.0021	8,685.60	0.00	0.00%	1.35%
Ontario Electricity Support Program Charge	4,136,000	0.0011	4,549.60	4,136,000	0.0011	4,549.60	0.00	0.00%	0.71%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>28,125.05</b>			<b>28,125.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.36%</b>
<b>Debt Retirement Charge (DRC)</b>	4,000,000	0.007	<b>28,000.00</b>	4,000,000	0.007	<b>28,000.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.34%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>569,009.64</b>			<b>570,349.90</b>	<b>1,340.26</b>	<b>0.24%</b>	<b>88.50%</b>
HST		0.13	73,971.25		0.13	74,145.49	174.23	0.24%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>642,980.89</b>			<b>644,495.39</b>	<b>1,514.50</b>	<b>0.24%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>642,980.89</b>			<b>644,495.39</b>	<b>1,514.50</b>	<b>0.24%</b>	<b>100.00%</b>

**2021 Bill Impacts (Low Consumption Level)**

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Rate Class	USL
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	109
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	100	0.103	10.30	100	0.103	10.30	0.00	0.00%	18.03%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>10.30</b>			<b>10.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>18.03%</b>
Service Charge	1	36.88	36.88	1	37.5	37.50	0.62	1.68%	65.63%
Fixed Deferral/Variance Account Rider	1	-0.01	-0.01	1	-0.01	-0.01	0.00	0.00%	-0.02%
Distribution Volumetric Rate	100	0.0300	3.00	100	0.0304	3.04	0.04	1.33%	5.32%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	100	0.0002	0.02	100	0.0002	0.02	0.00	0.00%	0.04%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>39.89</b>			<b>40.55</b>	<b>0.66</b>	<b>1.65%</b>	<b>70.97%</b>
Line Losses on Cost of Power	9	0.10	0.95	9	0.10	0.95	0.00	0.00%	1.66%
<b>Sub-Total: Distribution</b>			<b>40.84</b>			<b>41.50</b>	<b>0.66</b>	<b>1.62%</b>	<b>72.63%</b>
Retail Transmission Rate – Network Service Rate	109	0.0048	0.52	109	0.0047	0.51	-0.01	-1.47%	0.90%
Retail Transmission Rate – Line and Transformation Connection Service Rate	109	0.0038	0.41	109	0.0038	0.41	0.00	0.13%	0.73%
<b>Sub-Total: Retail Transmission</b>			<b>0.94</b>			<b>0.93</b>	<b>-0.01</b>	<b>-0.76%</b>	<b>1.62%</b>
<b>Sub-Total: Delivery</b>			<b>41.77</b>			<b>42.43</b>	<b>0.65</b>	<b>1.56%</b>	<b>74.25%</b>
Wholesale Market Service Rate	109	0.0036	0.39	109	0.0036	0.39	0.00	0.00%	0.69%
Rural Rate Protection Charge	109	0.0021	0.23	109	0.0021	0.23	0.00	0.00%	0.40%
Ontario Electricity Support Program Charge	109	0.0011	0.12	109	0.0011	0.12	0.00	0.00%	0.21%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.44%
<b>Sub-Total: Regulatory</b>			<b>0.99</b>			<b>0.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.74%</b>
Debt Retirement Charge (DRC)	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	1.23%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>53.77</b>			<b>54.42</b>	<b>0.65</b>	<b>1.21%</b>	<b>95.24%</b>
HST		0.13	6.99		0.13	7.07	0.08	1.21%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>60.75</b>			<b>61.49</b>	<b>0.74</b>	<b>1.21%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)			-0.08			-4.35	-0.05	1.21%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>56.45</b>			<b>57.14</b>	<b>0.69</b>	<b>1.21%</b>	<b>100.00%</b>

**2021 Bill Impacts (Typical Consumption Level)**

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Rate Class	USL
Monthly Consumption (kWh)	500
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	546
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	500	0.103	51.50	500	0.103	51.50	0.00	0.00%	40.49%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>51.50</b>			<b>51.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>40.49%</b>
Service Charge	1	36.88	36.88	1	37.5	37.50	0.62	1.68%	29.48%
Fixed Deferral/Variance Account Rider	1	-0.01	-0.01	1	-0.01	-0.01	0.00	0.00%	-0.01%
Distribution Volumetric Rate	500	0.0300	15.00	500	0.0304	15.20	0.20	1.33%	11.95%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	500	0.0002	0.10	500	0.0002	0.10	0.00	0.00%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>51.97</b>			<b>52.79</b>	<b>0.82</b>	<b>1.58%</b>	<b>41.51%</b>
Line Losses on Cost of Power	46	0.10	4.74	46	0.10	4.74	0.00	0.00%	3.73%
<b>Sub-Total: Distribution</b>			<b>56.71</b>			<b>57.53</b>	<b>0.82</b>	<b>1.45%</b>	<b>45.23%</b>
Retail Transmission Rate – Network Service Rate	546	0.0048	2.60	546	0.0047	2.57	-0.04	-1.47%	2.02%
Retail Transmission Rate – Line and Transformation Connection Service Rate	546	0.0038	2.07	546	0.0038	2.07	0.00	0.13%	1.63%
<b>Sub-Total: Retail Transmission</b>			<b>4.68</b>			<b>4.64</b>	<b>-0.04</b>	<b>-0.76%</b>	<b>3.65%</b>
<b>Sub-Total: Delivery</b>			<b>61.38</b>			<b>62.17</b>	<b>0.78</b>	<b>1.28%</b>	<b>48.88%</b>
Wholesale Market Service Rate	546	0.0036	1.97	546	0.0036	1.97	0.00	0.00%	1.55%
Rural Rate Protection Charge	546	0.0021	1.15	546	0.0021	1.15	0.00	0.00%	0.90%
Ontario Electricity Support Program Charge	546	0.0011	0.60	546	0.0011	0.60	0.00	0.00%	0.47%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.20%
<b>Sub-Total: Regulatory</b>			<b>3.96</b>			<b>3.96</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.12%</b>
Debt Retirement Charge (DRC)	500	0.007	3.50	500	0.007	3.50	0.00	0.00%	2.75%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>120.35</b>			<b>121.13</b>	<b>0.78</b>	<b>0.65%</b>	<b>95.24%</b>
HST		0.13	15.65		0.13	15.75	0.10	0.65%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>135.99</b>			<b>136.88</b>	<b>0.89</b>	<b>0.65%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-9.63		-0.08	-9.69	-0.06	0.65%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>126.36</b>			<b>127.19</b>	<b>0.82</b>	<b>0.65%</b>	<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	USL
Monthly Consumption (kWh)	364
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	397
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	364	0.103	37.49	364	0.103	37.49	0.00	0.00%	36.27%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>37.49</b>			<b>37.49</b>	<b>0.00</b>	<b>0.00%</b>	<b>36.27%</b>
Service Charge	1	36.88	36.88	1	37.5	37.50	0.62	1.68%	36.28%
Fixed Deferral/Variance Account Rider	1	-0.01	-0.01	1	-0.01	-0.01	0.00	0.00%	-0.01%
Distribution Volumetric Rate	364	0.0300	10.92	364	0.0304	11.07	0.15	1.33%	10.70%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	364	0.0002	0.07	364	0.0002	0.07	0.00	0.00%	0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>47.86</b>			<b>48.63</b>	<b>0.77</b>	<b>1.60%</b>	<b>47.04%</b>
Line Losses on Cost of Power	33	0.10	3.45	33	0.10	3.45	0.00	0.00%	3.34%
<b>Sub-Total: Distribution</b>			<b>51.31</b>			<b>52.08</b>	<b>0.77</b>	<b>1.49%</b>	<b>50.38%</b>
Retail Transmission Rate – Network Service Rate	397	0.0048	1.90	397	0.0047	1.87	-0.03	-1.47%	1.81%
Retail Transmission Rate – Line and Transformation Connection Service Rate	397	0.0038	1.51	397	0.0038	1.51	0.00	0.13%	1.46%
<b>Sub-Total: Retail Transmission</b>			<b>3.40</b>			<b>3.38</b>	<b>-0.03</b>	<b>-0.76%</b>	<b>3.27%</b>
<b>Sub-Total: Delivery</b>			<b>54.72</b>			<b>55.46</b>	<b>0.74</b>	<b>1.35%</b>	<b>53.65%</b>
Wholesale Market Service Rate	397	0.0036	1.43	397	0.0036	1.43	0.00	0.00%	1.38%
Rural Rate Protection Charge	397	0.0021	0.83	397	0.0021	0.83	0.00	0.00%	0.81%
Ontario Electricity Support Program Charge	397	0.0011	0.44	397	0.0011	0.44	0.00	0.00%	0.42%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.24%
<b>Sub-Total: Regulatory</b>			<b>2.95</b>			<b>2.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.86%</b>
Debt Retirement Charge (DRC)	364	0.007	2.55	364	0.007	2.55	0.00	0.00%	2.46%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>97.71</b>			<b>98.45</b>	<b>0.74</b>	<b>0.76%</b>	<b>95.24%</b>
HST		0.13	12.70		0.13	12.80	0.10	0.76%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>110.41</b>			<b>111.25</b>	<b>0.84</b>	<b>0.76%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-7.82		-0.08	-7.88	-0.06	0.76%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>102.59</b>			<b>103.37</b>	<b>0.78</b>	<b>0.76%</b>	<b>100.00%</b>

**2021 Bill Impacts (High Consumption Level)**

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Rate Class	USL
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	1092
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	34.92%
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	13.67%
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.60%</b>
Service Charge	1	36.88	36.88	1	37.50	37.50	0.62	1.68%	16.95%
Fixed Deferral/Variance Account Rider	1	-0.01	-0.01	1	-0.01	-0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	1,000	0.0300	30.00	1,000	0.0304	30.40	0.40	1.33%	13.74%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,000	0.0002	0.20	1,000	0.0002	0.20	0.00	0.00%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>67.07</b>			<b>68.09</b>	<b>1.02</b>	<b>1.52%</b>	<b>30.78%</b>
Line Losses on Cost of Power	92	0.12	11.13	92	0.12	11.13	0.00	0.00%	5.03%
<b>Sub-Total: Distribution</b>			<b>78.20</b>			<b>79.22</b>	<b>1.02</b>	<b>1.30%</b>	<b>35.81%</b>
Retail Transmission Rate – Network Service Rate	1,092	0.0048	5.21	1,092	0.0047	5.13	-0.08	-1.47%	2.32%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,092	0.0038	4.14	1,092	0.0038	4.15	0.01	0.13%	1.88%
<b>Sub-Total: Retail Transmission</b>			<b>9.35</b>			<b>9.28</b>	<b>-0.07</b>	<b>-0.76%</b>	<b>4.20%</b>
<b>Sub-Total: Delivery</b>			<b>87.55</b>			<b>88.50</b>	<b>0.95</b>	<b>1.08%</b>	<b>40.01%</b>
Wholesale Market Service Rate	1,092	0.0036	3.93	1,092	0.0036	3.93	0.00	0.00%	1.78%
Rural Rate Protection Charge	1,092	0.0021	2.29	1,092	0.0021	2.29	0.00	0.00%	1.04%
Ontario Electricity Support Program Charge	1,092	0.0011	1.20	1,092	0.0011	1.20	0.00	0.00%	0.54%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.11%
<b>Sub-Total: Regulatory</b>			<b>7.68</b>			<b>7.68</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.47%</b>
Debt Retirement Charge (DRC)	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	3.16%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>209.73</b>			<b>210.68</b>	<b>0.95</b>	<b>0.45%</b>	<b>95.24%</b>
HST		0.13	27.26		0.13	27.39	0.12	0.45%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>237.00</b>			<b>238.07</b>	<b>1.07</b>	<b>0.45%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-16.78		-0.08	-16.85	-0.08	0.45%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>220.22</b>			<b>221.21</b>	<b>1.00</b>	<b>0.45%</b>	<b>100.00%</b>

**2021 Bill Impacts (Low Consumption Level)**

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Rate Class	Sen Lgt
Monthly Consumption (kWh)	20
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	21.84
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	20	0.103	2.06	20	0.103	2.06	0.00	0.00%	21.26%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>2.06</b>			<b>2.06</b>	<b>0.00</b>	<b>0.00%</b>	<b>21.26%</b>
Service Charge	1	3.45	3.45	1	3.60	3.60	0.15	4.35%	37.15%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	20	0.1312	2.62	20	0.1338	2.68	0.05	1.98%	27.61%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	20	0.0001	0.00	20	0.0001	0.00	0.00	0.00%	0.02%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>6.08</b>			<b>6.28</b>	<b>0.20</b>	<b>3.32%</b>	<b>64.79%</b>
Line Losses on Cost of Power	2	0.10	0.19	2	0.10	0.19	0.00	0.00%	1.96%
<b>Sub-Total: Distribution</b>			<b>6.27</b>			<b>6.47</b>	<b>0.20</b>	<b>3.22%</b>	<b>66.74%</b>
Retail Transmission Rate – Network Service Rate	22	0.0047	0.10	22	0.0038	0.08	-0.02	-18.35%	0.86%
Retail Transmission Rate – Line and Transformation Connection Service Rate	22	0.0043	0.09	22	0.0036	0.08	-0.01	-15.52%	0.82%
<b>Sub-Total: Retail Transmission</b>			<b>0.20</b>			<b>0.16</b>	<b>-0.03</b>	<b>-17.00%</b>	<b>1.68%</b>
<b>Sub-Total: Delivery</b>			<b>6.46</b>			<b>6.63</b>	<b>0.17</b>	<b>2.61%</b>	<b>68.42%</b>
Wholesale Market Service Rate	22	0.0036	0.08	22	0.0036	0.08	0.00	0.00%	0.81%
Rural Rate Protection Charge	22	0.0021	0.05	22	0.0021	0.05	0.00	0.00%	0.47%
Ontario Electricity Support Program Charge	22	0.0011	0.02	22	0.0011	0.02	0.00	0.00%	0.25%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	2.58%
<b>Sub-Total: Regulatory</b>			<b>0.40</b>			<b>0.40</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.11%</b>
Debt Retirement Charge (DRC)	20	0.007	0.14	20	0.007	0.14	0.00	0.00%	1.44%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>9.06</b>			<b>9.23</b>	<b>0.17</b>	<b>1.86%</b>	<b>95.24%</b>
HST		0.13	1.18		0.13	1.20	0.02	1.86%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>10.24</b>			<b>10.43</b>	<b>0.19</b>	<b>1.86%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-0.72		-0.08	-0.74	-0.01	1.86%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>9.51</b>			<b>9.69</b>	<b>0.18</b>	<b>1.86%</b>	<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	Sen Lgt
Monthly Consumption (kWh)	71
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	77.532
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	71	0.103	7.31	71	0.103	7.31	0.00	0.00%	30.35%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>7.31</b>			<b>7.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>30.35%</b>
Service Charge	1	3.45	3.45	1	3.60	3.60	0.15	4.35%	14.94%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	71	0.1312	9.32	71	0.1338	9.50	0.18	1.98%	39.43%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	71	0.0001	0.01	71	0.0001	0.01	0.00	0.00%	0.03%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>12.77</b>			<b>13.11</b>	<b>0.33</b>	<b>2.62%</b>	<b>54.40%</b>
Line Losses on Cost of Power	7	0.10	0.67	7	0.10	0.67	0.00	0.00%	2.79%
<b>Sub-Total: Distribution</b>			<b>13.45</b>			<b>13.78</b>	<b>0.33</b>	<b>2.49%</b>	<b>57.19%</b>
Retail Transmission Rate – Network Service Rate	78	0.0047	0.36	78	0.0038	0.30	-0.07	-18.35%	1.23%
Retail Transmission Rate – Line and Transformation Connection Service Rate	78	0.0043	0.33	78	0.0036	0.28	-0.05	-15.52%	1.17%
<b>Sub-Total: Retail Transmission</b>			<b>0.70</b>			<b>0.58</b>	<b>-0.12</b>	<b>-17.00%</b>	<b>2.40%</b>
<b>Sub-Total: Delivery</b>			<b>14.14</b>			<b>14.36</b>	<b>0.22</b>	<b>1.53%</b>	<b>59.60%</b>
Wholesale Market Service Rate	78	0.0036	0.28	78	0.0036	0.28	0.00	0.00%	1.16%
Rural Rate Protection Charge	78	0.0021	0.16	78	0.0021	0.16	0.00	0.00%	0.68%
Ontario Electricity Support Program Charge	78	0.0011	0.09	78	0.0011	0.09	0.00	0.00%	0.35%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	1.04%
<b>Sub-Total: Regulatory</b>			<b>0.78</b>			<b>0.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.23%</b>
Debt Retirement Charge (DRC)	71	0.007	0.50	71	0.007	0.50	0.00	0.00%	2.06%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>22.73</b>			<b>22.95</b>	<b>0.22</b>	<b>0.95%</b>	<b>95.24%</b>
<b>HST</b>		0.13	2.95		0.13	2.98	0.03	0.95%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>25.68</b>			<b>25.93</b>	<b>0.24</b>	<b>0.95%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		-0.08	-1.82		-0.08	-1.84	-0.02	0.95%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>23.87</b>			<b>24.09</b>	<b>0.23</b>	<b>0.95%</b>	<b>100.00%</b>

**2021 Bill Impacts (Typical Consumption Level)**

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Rate Class	Sen Lgt
Monthly Consumption (kWh)	50
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	54.6
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	50	0.103	5.15	50	0.103	5.15	0.00	0.00%	28.36%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>5.15</b>			<b>5.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>28.36%</b>
Service Charge	1	3.45	3.45	1	3.60	3.60	0.15	4.35%	19.82%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	50	0.1312	6.56	50	0.1338	6.69	0.13	1.98%	36.83%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	50	0.0001	0.01	50	0.0001	0.01	0.00	0.00%	0.03%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>10.02</b>			<b>10.30</b>	<b>0.28</b>	<b>2.80%</b>	<b>56.68%</b>
Line Losses on Cost of Power	5	0.10	0.47	5	0.10	0.47	0.00	0.00%	2.61%
<b>Sub-Total: Distribution</b>			<b>10.49</b>			<b>10.77</b>	<b>0.28</b>	<b>2.67%</b>	<b>59.29%</b>
Retail Transmission Rate – Network Service Rate	55	0.0047	0.26	55	0.0038	0.21	-0.05	-18.35%	1.15%
Retail Transmission Rate – Line and Transformation Connection Service Rate	55	0.0043	0.23	55	0.0036	0.20	-0.04	-15.52%	1.09%
<b>Sub-Total: Retail Transmission</b>			<b>0.49</b>			<b>0.41</b>	<b>-0.08</b>	<b>-17.00%</b>	<b>2.24%</b>
<b>Sub-Total: Delivery</b>			<b>10.98</b>			<b>11.18</b>	<b>0.20</b>	<b>1.79%</b>	<b>61.53%</b>
Wholesale Market Service Rate	55	0.0036	0.20	55	0.0036	0.20	0.00	0.00%	1.08%
Rural Rate Protection Charge	55	0.0021	0.11	55	0.0021	0.11	0.00	0.00%	0.63%
Ontario Electricity Support Program Charge	55	0.0011	0.06	55	0.0011	0.06	0.00	0.00%	0.33%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	1.38%
<b>Sub-Total: Regulatory</b>			<b>0.62</b>			<b>0.62</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.42%</b>
Debt Retirement Charge (DRC)	50	0.007	0.35	50	0.007	0.35	0.00	0.00%	1.93%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>17.10</b>			<b>17.30</b>	<b>0.20</b>	<b>1.15%</b>	<b>95.24%</b>
<b>HST</b>		0.13	2.22		0.13	2.25	0.03	1.15%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>19.32</b>			<b>19.55</b>	<b>0.22</b>	<b>1.15%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		-0.08	-1.37		-0.08	-1.38	-0.02	1.15%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>17.96</b>			<b>18.16</b>	<b>0.21</b>	<b>1.15%</b>	<b>100.00%</b>

**2021 Bill Impacts (High Consumption Level)**

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Rate Class	Sen Lgt
Monthly Consumption (kWh)	200
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	218.4
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	200	0.103	20.60	200	0.103	20.60	0.00	0.00%	34.04%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>20.60</b>			<b>20.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>34.04%</b>
Service Charge	1	3.45	3.45	1	3.60	3.60	0.15	4.35%	5.95%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	200	0.1312	26.24	200	0.1338	26.76	0.52	1.98%	44.22%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	200	0.0001	0.02	200	0.0001	0.02	0.00	0.00%	0.03%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>29.71</b>			<b>30.38</b>	<b>0.67</b>	<b>2.26%</b>	<b>50.20%</b>
Line Losses on Cost of Power	18	0.10	1.90	18	0.10	1.90	0.00	0.00%	3.13%
<b>Sub-Total: Distribution</b>			<b>31.61</b>			<b>32.28</b>	<b>0.67</b>	<b>2.12%</b>	<b>53.33%</b>
Retail Transmission Rate – Network Service Rate	218	0.0047	1.03	218	0.0038	0.84	-0.19	-18.35%	1.38%
Retail Transmission Rate – Line and Transformation Connection Service Rate	218	0.0043	0.94	218	0.0036	0.79	-0.15	-15.52%	1.31%
<b>Sub-Total: Retail Transmission</b>			<b>1.96</b>			<b>1.63</b>	<b>-0.33</b>	<b>-17.00%</b>	<b>2.69%</b>
<b>Sub-Total: Delivery</b>			<b>33.57</b>			<b>33.90</b>	<b>0.34</b>	<b>1.00%</b>	<b>56.02%</b>
Wholesale Market Service Rate	218	0.0036	0.79	218	0.0036	0.79	0.00	0.00%	1.30%
Rural Rate Protection Charge	218	0.0021	0.46	218	0.0021	0.46	0.00	0.00%	0.76%
Ontario Electricity Support Program Charge	218	0.0011	0.24	218	0.0011	0.24	0.00	0.00%	0.40%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.41%
<b>Sub-Total: Regulatory</b>			<b>1.74</b>			<b>1.74</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.87%</b>
Debt Retirement Charge (DRC)	200	0.007	1.40	200	0.007	1.40	0.00	0.00%	2.31%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>57.30</b>			<b>57.64</b>	<b>0.34</b>	<b>0.59%</b>	<b>95.24%</b>
HST		0.13	7.45		0.13	7.49	0.04	0.59%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>64.75</b>			<b>65.13</b>	<b>0.38</b>	<b>0.59%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-4.58		-0.08	-4.61	-0.03	0.59%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>60.17</b>			<b>60.52</b>	<b>0.35</b>	<b>0.59%</b>	<b>100.00%</b>

**2021 Bill Impacts (Low Consumption Level)**

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Rate Class	St Lgt
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	109.2
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	100	0.103	10.30	100	0.103	10.30	0.00	0.00%	33.54%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>10.30</b>			<b>10.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>33.54%</b>
Service Charge	1	4.33	4.33	1	4.77	4.77	0.44	10.16%	15.53%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	100	0.1044	10.44	100	0.107	10.70	0.26	2.49%	34.85%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	100	0.0002	0.02	100	0.0002	0.02	0.00	0.00%	0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>14.79</b>			<b>15.49</b>	<b>0.70</b>	<b>4.73%</b>	<b>50.44%</b>
Line Losses on Cost of Power	9	0.10	0.95	9	0.10	0.95	0.00	0.00%	3.09%
<b>Sub-Total: Distribution</b>			<b>15.74</b>			<b>16.44</b>	<b>0.70</b>	<b>4.45%</b>	<b>53.53%</b>
Retail Transmission Rate – Network Service Rate	109	0.0047	0.51	109	0.0038	0.42	-0.09	-18.35%	1.36%
Retail Transmission Rate – Line and Transformation Connection Service Rate	109	0.0043	0.47	109	0.0036	0.40	-0.07	-15.52%	1.29%
<b>Sub-Total: Retail Transmission</b>			<b>0.98</b>			<b>0.81</b>	<b>-0.17</b>	<b>-17.00%</b>	<b>2.65%</b>
<b>Sub-Total: Delivery</b>			<b>16.72</b>			<b>17.25</b>	<b>0.53</b>	<b>3.19%</b>	<b>56.18%</b>
Wholesale Market Service Rate	109	0.0036	0.39	109	0.0036	0.39	0.00	0.00%	1.28%
Rural Rate Protection Charge	109	0.0021	0.23	109	0.0021	0.23	0.00	0.00%	0.75%
Ontario Electricity Support Program Charge	109	0.0011	0.12	109	0.0011	0.12	0.00	0.00%	0.39%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.81%
<b>Sub-Total: Regulatory</b>			<b>0.99</b>			<b>0.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.23%</b>
Debt Retirement Charge (DRC)	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	2.28%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>28.71</b>			<b>29.24</b>	<b>0.53</b>	<b>1.86%</b>	<b>95.24%</b>
<b>HST</b>		0.13	3.73		0.13	3.80	0.07	1.86%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>32.44</b>			<b>33.05</b>	<b>0.60</b>	<b>1.86%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		-0.08	-2.30		-0.08	-2.34	-0.04	1.86%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>30.15</b>			<b>30.71</b>	<b>0.56</b>	<b>1.86%</b>	<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	St Lgt
Monthly Consumption (kWh)	517
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	564.564
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	517	0.103	53.25	517	0.103	53.25	0.00	0.00%	39.07%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>53.25</b>			<b>53.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>39.07%</b>
Service Charge	1	4.33	4.33	1	4.77	4.77	0.44	10.16%	3.50%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	517	0.1044	53.97	517	0.107	55.32	1.34	2.49%	40.59%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	517	0.0002	0.10	517	0.0002	0.10	0.00	0.00%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>58.41</b>			<b>60.19</b>	<b>1.78</b>	<b>3.05%</b>	<b>44.16%</b>
Line Losses on Cost of Power	48	0.10	4.90	48	0.10	4.90	0.00	0.00%	3.59%
<b>Sub-Total: Distribution</b>			<b>63.31</b>			<b>65.09</b>	<b>1.78</b>	<b>2.82%</b>	<b>47.76%</b>
Retail Transmission Rate – Network Service Rate	565	0.0047	2.65	565	0.0038	2.17	-0.49	-18.35%	1.59%
Retail Transmission Rate – Line and Transformation Connection Service Rate	565	0.0043	2.42	565	0.0036	2.05	-0.38	-15.52%	1.50%
<b>Sub-Total: Retail Transmission</b>			<b>5.07</b>			<b>4.21</b>	<b>-0.86</b>	<b>-17.00%</b>	<b>3.09%</b>
<b>Sub-Total: Delivery</b>			<b>68.38</b>			<b>69.30</b>	<b>0.92</b>	<b>1.35%</b>	<b>50.85%</b>
Wholesale Market Service Rate	565	0.0036	2.03	565	0.0036	2.03	0.00	0.00%	1.49%
Rural Rate Protection Charge	565	0.0013	0.73	565	0.0013	0.73	0.00	0.00%	0.54%
Ontario Electricity Support Program Charge	565	0.0011	0.62	565	0.0011	0.62	0.00	0.00%	0.46%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.18%
<b>Sub-Total: Regulatory</b>			<b>3.64</b>			<b>3.64</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.67%</b>
<b>Debt Retirement Charge (DRC)</b>	517	0.007	3.62	517	0.007	3.62	0.00	0.00%	2.66%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>128.89</b>			<b>129.81</b>	<b>0.92</b>	<b>0.71%</b>	<b>95.24%</b>
<b>HST</b>		0.13	16.76		0.13	16.88	0.12	0.71%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>145.64</b>			<b>146.69</b>	<b>1.04</b>	<b>0.71%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>			<b>-0.08</b>		<b>-0.08</b>	<b>-10.38</b>	<b>-0.07</b>	<b>0.71%</b>	<b>-7.62%</b>
<b>Total Amount on Two-Tier RPP</b>			<b>135.33</b>			<b>136.30</b>	<b>0.97</b>	<b>0.71%</b>	<b>100.00%</b>

**2021 Bill Impacts (Typical Consumption Level)**

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Rate Class	St Lgt
Monthly Consumption (kWh)	500
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	546
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	500	0.103	51.50	500	0.103	51.50	0.00	0.00%	39.02%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>51.50</b>			<b>51.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>39.02%</b>
Service Charge	1	4.33	4.33	1	4.77	4.77	0.44	10.16%	3.61%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	500	0.1044	52.20	500	0.107	53.50	1.30	2.49%	40.53%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	500	0.0002	0.10	500	0.0002	0.10	0.00	0.00%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>56.63</b>			<b>58.37</b>	<b>1.74</b>	<b>3.07%</b>	<b>44.22%</b>
Line Losses on Cost of Power	46	0.10	4.74	46	0.10	4.74	0.00	0.00%	3.59%
<b>Sub-Total: Distribution</b>			<b>61.37</b>			<b>63.11</b>	<b>1.74</b>	<b>2.84%</b>	<b>47.81%</b>
Retail Transmission Rate – Network Service Rate	546	0.0047	2.57	546	0.0038	2.09	-0.47	-18.35%	1.59%
Retail Transmission Rate – Line and Transformation Connection Service Rate	546	0.0043	2.34	546	0.0036	1.98	-0.36	-15.52%	1.50%
<b>Sub-Total: Retail Transmission</b>			<b>4.91</b>			<b>4.07</b>	<b>-0.83</b>	<b>-17.00%</b>	<b>3.09%</b>
<b>Sub-Total: Delivery</b>			<b>66.28</b>			<b>67.18</b>	<b>0.91</b>	<b>1.37%</b>	<b>50.90%</b>
Wholesale Market Service Rate	546	0.0036	1.97	546	0.0036	1.97	0.00	0.00%	1.49%
Rural Rate Protection Charge	546	0.0013	0.71	546	0.0013	0.71	0.00	0.00%	0.54%
Ontario Electricity Support Program Charge	546	0.0011	0.60	546	0.0011	0.60	0.00	0.00%	0.46%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.19%
<b>Sub-Total: Regulatory</b>			<b>3.53</b>			<b>3.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.67%</b>
<b>Debt Retirement Charge (DRC)</b>	500	0.007	<b>3.50</b>	500	0.007	<b>3.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.65%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>124.80</b>			<b>125.71</b>	<b>0.91</b>	<b>0.73%</b>	<b>95.24%</b>
<b>HST</b>		0.13	16.22		0.13	16.34	0.12	0.73%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>141.03</b>			<b>142.05</b>	<b>1.02</b>	<b>0.73%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>			-0.08		-0.08	-10.06	-0.07	0.73%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>131.04</b>			<b>131.99</b>	<b>0.95</b>	<b>0.73%</b>	<b>100.00%</b>

**2021 Bill Impacts (High Consumption Level)**

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Rate Class	St Lgt
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2184
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	14.28%
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	27.95%
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>42.23%</b>
Service Charge	1	4.33	4.33	1	4.77	4.77	0.44	10.16%	0.88%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	2,000	0.1044	208.80	2,000	0.107	214.00	5.20	2.49%	39.55%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	2,000	0.0002	0.40	2,000	0.0002	0.40	0.00	0.00%	0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>213.53</b>			<b>219.17</b>	<b>5.64</b>	<b>2.64%</b>	<b>40.50%</b>
Line Losses on Cost of Power	184	0.12	22.26	184	0.12	22.26	0.00	0.00%	4.11%
<b>Sub-Total: Distribution</b>			<b>235.79</b>			<b>241.43</b>	<b>5.64</b>	<b>2.39%</b>	<b>44.62%</b>
Retail Transmission Rate – Network Service Rate	2,184	0.0047	10.26	2,184	0.0038	8.38	-1.88	-18.35%	1.55%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,184	0.0043	9.37	2,184	0.0036	7.91	-1.45	-15.52%	1.46%
<b>Sub-Total: Retail Transmission</b>			<b>19.63</b>			<b>16.29</b>	<b>-3.34</b>	<b>-17.00%</b>	<b>3.01%</b>
<b>Sub-Total: Delivery</b>			<b>255.42</b>			<b>257.73</b>	<b>2.30</b>	<b>0.90%</b>	<b>47.63%</b>
Wholesale Market Service Rate	2,184	0.0036	7.86	2,184	0.0036	7.86	0.00	0.00%	1.45%
Rural Rate Protection Charge	2,184	0.0021	4.59	2,184	0.0021	4.59	0.00	0.00%	0.85%
Ontario Electricity Support Program Charge	2,184	0.0011	2.40	2,184	0.0011	2.40	0.00	0.00%	0.44%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%
<b>Sub-Total: Regulatory</b>			<b>15.10</b>			<b>15.10</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.79%</b>
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	2.59%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>513.02</b>			<b>515.33</b>	<b>2.30</b>	<b>0.45%</b>	<b>95.24%</b>
HST		0.13	66.69		0.13	66.99	0.30	0.45%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>579.72</b>			<b>582.32</b>	<b>2.60</b>	<b>0.45%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-41.04		-0.08	-41.23	-0.18	0.45%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>538.68</b>			<b>541.09</b>	<b>2.42</b>	<b>0.45%</b>	<b>100.00%</b>

**2021 Bill Impacts (Low Consumption Level)**

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Rate Class	AUR	WHSI_RES
Monthly Consumption (kWh)	350	350
Peak (kW)	0	0
Loss factor	1.057	1.0431
Commodity Threshold	600	600
Monthly Consumption (kWh) - Uplifted	370	365
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	350	0.103	36.05	350	0.103	36.05	0.00	0.00%	44.35%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.05</b>			<b>36.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>44.35%</b>	
TOU-Off Peak	228	0.087	19.79	228	0.087	19.79	0.00	0.00%		23.41%
TOU-Mid Peak	60	0.132	7.85	60	0.132	7.85	0.00	0.00%		9.29%
TOU-On Peak	63	0.180	11.34	63	0.180	11.34	0.00	0.00%		13.41%
<b>Sub-Total: Energy (TOU)</b>			<b>38.99</b>			<b>38.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.96%</b>	<b>46.11%</b>
Service Charge	1	29.98	29.98	1	30.76	30.76	0.78	2.60%	37.84%	36.38%
Fixed Acquisition Agreement Rider	1	-0.30	-0.30	1	0.00	0.00	0.30	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	350	0.0000	0.00	350	0.0000	0.00	0.00	0.00%	0.00%	0.00%
Volumetric Acquisition Agreement Rider	350	0.0000	0.00	350	0.0000	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>29.68</b>			<b>30.76</b>	<b>1.08</b>	<b>3.64%</b>	<b>37.84%</b>	<b>36.38%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.00%	0.93%
Line Losses on Cost of Power (based on two-tier RPP prices)	15	0.10	1.55	20	0.10	2.05	0.50	32.25%	2.53%	2.43%
Line Losses on Cost of Power (based on TOU prices)	15	0.11	1.68	20	0.11	2.22	0.54	32.25%	2.73%	2.63%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>32.02</b>			<b>33.60</b>	<b>1.58</b>	<b>4.94%</b>	<b>41.34%</b>	<b>39.75%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>32.15</b>			<b>33.77</b>	<b>1.62</b>	<b>5.04%</b>	<b>41.55%</b>	<b>39.95%</b>
Retail Transmission Rate – Network Service Rate	365	0.0072	2.63	370	0.0073	2.70	0.07	2.74%	3.32%	3.19%
Retail Transmission Rate – Line and Transformation Connection Service Rate	365	0.0056	2.03	370	0.0062	2.29	0.26	12.82%	2.82%	2.71%
<b>Sub-Total: Retail Transmission</b>			<b>4.66</b>			<b>4.99</b>	<b>0.33</b>	<b>7.13%</b>	<b>6.14%</b>	<b>5.91%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>36.69</b>			<b>38.60</b>	<b>1.91</b>	<b>5.22%</b>	<b>47.49%</b>	<b>45.66%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>36.81</b>			<b>38.77</b>	<b>1.95</b>	<b>5.31%</b>	<b>47.69%</b>	<b>45.85%</b>
Wholesale Market Service Rate	365	0.0036	1.31	370	0.0036	1.33	0.02	1.33%	1.64%	1.58%
Rural Rate Protection Charge	365	0.0021	0.77	370	0.0021	0.78	0.01	1.33%	0.96%	0.92%
Ontario Electricity Support Program Charge	365	0.0011	0.40	370	0.0011	0.41	0.01	1.33%	0.50%	0.48%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.31%	0.30%
<b>Sub-Total: Regulatory</b>			<b>2.73</b>			<b>2.77</b>	<b>0.03</b>	<b>1.21%</b>	<b>3.40%</b>	<b>3.27%</b>
<b>Debt Retirement Charge (DRC)</b>	350	0.000	<b>0.00</b>	350	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>75.47</b>			<b>77.41</b>	<b>1.95</b>	<b>2.58%</b>	<b>95.24%</b>	
HST		0.13	9.81		0.13	10.06	0.25	2.58%		12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>85.28</b>			<b>87.48</b>	<b>2.20</b>	<b>2.58%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-6.04		-0.08	-6.19	-0.16	2.58%		-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>79.24</b>			<b>81.29</b>	<b>2.04</b>	<b>2.58%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>78.53</b>			<b>80.52</b>	<b>1.99</b>	<b>2.53%</b>		<b>95.24%</b>
HST		0.13	10.21		0.13	10.47	0.26	2.53%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>88.74</b>			<b>90.99</b>	<b>2.25</b>	<b>2.53%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-6.28		-0.08	-6.44	-0.16	2.53%		-7.62%
<b>Total Amount on TOU</b>			<b>82.46</b>			<b>84.54</b>	<b>2.09</b>	<b>2.53%</b>		<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	AUR	WHSI_RES
Monthly Consumption (kWh)	600	600
Peak (kW)	0	0
Loss factor	1.057	1.0431
Commodity Threshold	600	600
Monthly Consumption (kWh) - Uplifted	634	626
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	53.51%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>61.80</b>			<b>61.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.51%</b>	
TOU-Off Peak	390	0.087	33.93	390	0.087	33.93	0.00	0.00%		28.02%
TOU-Mid Peak	102	0.132	13.46	102	0.132	13.46	0.00	0.00%		11.12%
TOU-On Peak	108	0.180	19.44	108	0.180	19.44	0.00	0.00%		16.06%
<b>Sub-Total: Energy (TOU)</b>			<b>66.83</b>			<b>66.83</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.87%</b>	<b>55.20%</b>
Service Charge	1	29.98	29.98	1	30.76	30.76	0.78	2.60%	26.63%	25.40%
Fixed Acquisition Agreement Rider	1	-0.30	-0.30	1	0.00	0.00	0.30	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	600	0.0000	0.00	600	0.0000	0.00	0.00	0.00%	0.00%	0.00%
Volumetric Acquisition Agreement Rider	600	0.0000	0.00	600	0.0000	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>29.68</b>			<b>30.76</b>	<b>1.08</b>	<b>3.64%</b>	<b>26.63%</b>	<b>25.40%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.68%	0.65%
Line Losses on Cost of Power (based on two-tier RPP prices)	26	0.10	2.66	34	0.10	3.52	0.86	32.25%	3.05%	2.91%
Line Losses on Cost of Power (based on TOU prices)	26	0.11	2.88	34	0.11	3.81	0.93	32.25%	3.30%	3.15%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>33.13</b>			<b>35.07</b>	<b>1.94</b>	<b>5.85%</b>	<b>30.37%</b>	<b>28.97%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>33.35</b>			<b>35.36</b>	<b>2.01</b>	<b>6.02%</b>	<b>30.62%</b>	<b>29.20%</b>
Retail Transmission Rate – Network Service Rate	626	0.0072	4.51	634	0.0073	4.63	0.12	2.74%	4.01%	3.82%
Retail Transmission Rate – Line and Transformation Connection Service Rate	626	0.0056	3.49	634	0.0062	3.93	0.45	12.82%	3.40%	3.25%
<b>Sub-Total: Retail Transmission</b>			<b>7.99</b>			<b>8.56</b>	<b>0.57</b>	<b>7.13%</b>	<b>7.41%</b>	<b>7.07%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>41.13</b>			<b>43.63</b>	<b>2.51</b>	<b>6.10%</b>	<b>37.78%</b>	<b>36.04%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>41.34</b>			<b>43.92</b>	<b>2.58</b>	<b>6.24%</b>	<b>38.03%</b>	<b>36.27%</b>
Wholesale Market Service Rate	626	0.0036	2.25	634	0.0036	2.28	0.03	1.33%	1.98%	1.89%
Rural Rate Protection Charge	626	0.0021	1.31	634	0.0021	1.33	0.02	1.33%	1.15%	1.10%
Ontario Electricity Support Program Charge	626	0.0011	0.69	634	0.0011	0.70	0.01	1.33%	0.60%	0.58%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.22%	0.21%
<b>Sub-Total: Regulatory</b>			<b>4.51</b>			<b>4.56</b>	<b>0.06</b>	<b>1.26%</b>	<b>3.95%</b>	<b>3.77%</b>
<b>Debt Retirement Charge (DRC)</b>	600	0.000	<b>0.00</b>	600	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>107.43</b>			<b>110.00</b>	<b>2.57</b>	<b>2.39%</b>	<b>95.24%</b>	
HST		0.13	13.97		0.13	14.30	0.33	2.39%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>121.40</b>			<b>124.30</b>	<b>2.90</b>	<b>2.39%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-8.59		-0.08	-8.80	-0.21	2.39%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>112.80</b>			<b>115.50</b>	<b>2.69</b>	<b>2.39%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>112.68</b>			<b>115.32</b>	<b>2.64</b>	<b>2.34%</b>		<b>95.24%</b>
HST		0.13	14.65		0.13	14.99	0.34	2.34%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>127.33</b>			<b>130.31</b>	<b>2.98</b>	<b>2.34%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-9.01		-0.08	-9.23	-0.21	2.34%	-7.62%	
<b>Total Amount on TOU</b>			<b>118.32</b>			<b>121.08</b>	<b>2.77</b>	<b>2.34%</b>		<b>100.00%</b>

**2021 Bill Impacts (Typical Consumption Level)**

Filed: 2017-03-31  
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Rate Class	AUR	WHSI_RES
Monthly Consumption (kWh)	750	750
Peak (kW)	0	0
Loss factor	1.057	1.0431
Commodity Threshold	600	600
Monthly Consumption (kWh) - Uplifted	793	782
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	44.25%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	13.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.24%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		29.66%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		11.77%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		16.99%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>59.82%</b>	<b>58.42%</b>
Service Charge	1	29.98	29.98	1	30.76	30.76	0.78	2.60%	22.02%	21.51%
Fixed Acquisition Agreement Rider	1	-0.30	-0.30	1	0.00	0.00	0.30	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	750	0.0000	0.00	750	0.0000	0.00	0.00	0.00%	0.00%	0.00%
Volumetric Acquisition Agreement Rider	750	0.0000	0.00	750	0.0000	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>29.68</b>			<b>30.76</b>	<b>1.08</b>	<b>3.64%</b>	<b>22.02%</b>	<b>21.51%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.57%	0.55%
Line Losses on Cost of Power (based on two-tier RPP prices)	32	0.12	3.91	43	0.12	5.17	1.26	32.25%	3.70%	3.62%
Line Losses on Cost of Power (based on TOU prices)	32	0.11	3.60	43	0.11	4.76	1.16	32.25%	3.41%	3.33%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>34.38</b>			<b>36.72</b>	<b>2.34</b>	<b>6.81%</b>	<b>26.29%</b>	<b>25.68%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>34.07</b>			<b>36.31</b>	<b>2.24</b>	<b>6.58%</b>	<b>26.00%</b>	<b>25.39%</b>
Retail Transmission Rate – Network Service Rate	782	0.0072	5.63	793	0.0073	5.79	0.15	2.74%	4.14%	4.05%
Retail Transmission Rate – Line and Transformation Connection Service Rate	782	0.0056	4.36	793	0.0062	4.92	0.56	12.82%	3.52%	3.44%
<b>Sub-Total: Retail Transmission</b>			<b>9.99</b>			<b>10.70</b>	<b>0.71</b>	<b>7.13%</b>	<b>7.66%</b>	<b>7.48%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>44.37</b>			<b>47.42</b>	<b>3.05</b>	<b>6.88%</b>	<b>33.96%</b>	<b>33.16%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>44.06</b>			<b>47.01</b>	<b>2.95</b>	<b>6.70%</b>	<b>33.66%</b>	<b>32.88%</b>
Wholesale Market Service Rate	782	0.0036	2.82	793	0.0036	2.85	0.04	1.33%	2.04%	2.00%
Rural Rate Protection Charge	782	0.0021	1.64	793	0.0021	1.66	0.02	1.33%	1.19%	1.16%
Ontario Electricity Support Program Charge	782	0.0011	0.86	793	0.0011	0.87	0.01	1.33%	0.62%	0.61%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.18%	0.17%
<b>Sub-Total: Regulatory</b>			<b>5.57</b>			<b>5.64</b>	<b>0.07</b>	<b>1.27%</b>	<b>4.04%</b>	<b>3.94%</b>
<b>Debt Retirement Charge (DRC)</b>	750	0.000	<b>0.00</b>	750	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>129.89</b>			<b>133.02</b>	<b>3.13</b>	<b>2.41%</b>	<b>95.24%</b>	
HST		0.13	16.89		0.13	17.29	0.41	2.41%	12.38%	
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>146.78</b>			<b>150.31</b>	<b>3.53</b>	<b>2.41%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-10.39		-0.08	-10.64	-0.25	2.41%	-7.62%	
<b>Total Bill on Two-Tier RPP</b>			<b>136.39</b>			<b>139.67</b>	<b>3.28</b>	<b>2.41%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before HST)</b>			<b>133.17</b>			<b>136.20</b>	<b>3.02</b>	<b>2.27%</b>		<b>95.24%</b>
HST		0.13	17.31		0.13	17.71	0.39	2.27%		12.38%
<b>Total Bill on TOU (including HST)</b>			<b>150.48</b>			<b>153.90</b>	<b>3.42</b>	<b>2.27%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-10.65		-0.08	-10.90	-0.24	2.27%		-7.62%
<b>Total Bill on TOU</b>			<b>139.83</b>			<b>143.01</b>	<b>3.18</b>	<b>2.27%</b>		<b>100.00%</b>

**2021 Bill Impacts (High Consumption Level)**

Filed: 2017-03-31  
 EB-2017-0049  
 Exhibit H1-4-1  
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Rate Class	AUR	WHSI_RES
Monthly Consumption (kWh)	1400	1400
Peak (kW)	0	0
Loss factor	1.057	1.0431
Commodity Threshold	600	600
Monthly Consumption (kWh) - Uplifted	1480	1460
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	25.58%	
Energy Second Tier (kWh)	800	0.121	96.80	800	0.121	96.80	0.00	0.00%	40.07%	
<b>Sub-Total: Energy (RPP)</b>			<b>158.60</b>			<b>158.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>65.65%</b>	
TOU-Off Peak	910	0.087	79.17	910	0.087	79.17	0.00	0.00%		33.26%
TOU-Mid Peak	238	0.132	31.42	238	0.132	31.42	0.00	0.00%		13.20%
TOU-On Peak	252	0.180	45.36	252	0.180	45.36	0.00	0.00%		19.06%
<b>Sub-Total: Energy (TOU)</b>			<b>155.95</b>			<b>155.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>64.55%</b>	<b>65.52%</b>
Service Charge	1	29.98	29.98	1	30.76	30.76	0.78	2.60%	12.73%	12.92%
Fixed Acquisition Agreement Rider	1	-0.30	-0.30	1	0.00	0.00	0.30	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	1,400	0.0000	0.00	1,400	0.0000	0.00	0.00	0.00%	0.00%	0.00%
Volumetric Acquisition Agreement Rider	1,400	0.0000	0.00	1,400	0.0000	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>29.68</b>			<b>30.76</b>	<b>1.08</b>	<b>3.64%</b>	<b>12.73%</b>	<b>12.92%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.33%	0.33%
Line Losses on Cost of Power (based on two-tier RPP prices)	60	0.12	7.30	80	0.12	9.66	2.35	32.25%	4.00%	4.06%
Line Losses on Cost of Power (based on TOU prices)	60	0.11	6.72	80	0.11	8.89	2.17	32.25%	3.68%	3.73%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>37.77</b>			<b>41.21</b>	<b>3.43</b>	<b>9.09%</b>	<b>17.06%</b>	<b>17.31%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>37.19</b>			<b>40.44</b>	<b>3.25</b>	<b>8.73%</b>	<b>16.74%</b>	<b>16.99%</b>
Retail Transmission Rate – Network Service Rate	1,460	0.0072	10.51	1,480	0.0073	10.80	0.29	2.74%	4.47%	4.54%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,460	0.0056	8.13	1,480	0.0062	9.17	1.04	12.82%	3.80%	3.85%
<b>Sub-Total: Retail Transmission</b>			<b>18.65</b>			<b>19.98</b>	<b>1.33</b>	<b>7.13%</b>	<b>8.27%</b>	<b>8.39%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>56.42</b>			<b>61.18</b>	<b>4.77</b>	<b>8.45%</b>	<b>25.32%</b>	<b>25.71%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>55.84</b>			<b>60.42</b>	<b>4.58</b>	<b>8.20%</b>	<b>25.01%</b>	<b>25.38%</b>
Wholesale Market Service Rate	1,460	0.0036	5.26	1,480	0.0036	5.33	0.07	1.33%	2.20%	2.24%
Rural Rate Protection Charge	1,460	0.0021	3.07	1,480	0.0021	3.11	0.04	1.33%	1.29%	1.31%
Ontario Electricity Support Program Charge	1,460	0.0011	1.61	1,480	0.0011	1.63	0.02	1.33%	0.67%	0.68%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%	0.11%
<b>Sub-Total: Regulatory</b>			<b>10.18</b>			<b>10.31</b>	<b>0.13</b>	<b>1.30%</b>	<b>4.27%</b>	<b>4.33%</b>
<b>Debt Retirement Charge (DRC)</b>	1,400	0.0000	<b>0.00</b>	1,400	0.0000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>225.20</b>			<b>230.10</b>	<b>4.90</b>	<b>2.17%</b>	<b>95.24%</b>	
HST		0.13	29.28		0.13	29.91	0.64	2.17%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>254.47</b>			<b>260.01</b>	<b>5.53</b>	<b>2.17%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-18.02		-0.08	-18.41	-0.39	2.17%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>236.46</b>			<b>241.60</b>	<b>5.14</b>	<b>2.17%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>221.96</b>			<b>226.67</b>	<b>4.71</b>	<b>2.12%</b>		<b>95.24%</b>
HST		0.13	28.86		0.13	29.47	0.61	2.12%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>250.82</b>			<b>256.14</b>	<b>5.32</b>	<b>2.12%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-17.76		-0.08	-18.13	-0.38	2.12%		-7.62%
<b>Total Amount on TOU</b>			<b>233.06</b>			<b>238.01</b>	<b>4.95</b>	<b>2.12%</b>		<b>100.00%</b>

**2021 Bill Impacts (Low Consumption Level)**

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Rate Class	AUGe	WHSI GS<50
Monthly Consumption (kWh)	1000	1000
Peak (kW)	0	0
Loss factor	1.057	1.0431
Commodity Threshold	750	750
Monthly Consumption (kWh) - Uplifted	1057	1043.1
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	39.12%	
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	15.32%	
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.44%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		28.14%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		11.17%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		16.12%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.41%</b>	<b>55.43%</b>
Service Charge	1	25.19	25.19	1	30.24	30.24	5.05	20.05%	15.32%	15.05%
Fixed Acquisition Agreement Rider	1	-0.25	-0.25	1	0.00	0.00	0.25	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	1,000	0.0145	14.50	1,000	0.0174	17.40	2.90	20.00%	8.81%	8.66%
Volumetric Acquisition Agreement Rider	1,000	-0.0002	-0.20	1,000	0.0000	0.00	0.20	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>39.24</b>			<b>47.64</b>	<b>8.40</b>	<b>21.41%</b>	<b>24.13%</b>	<b>23.71%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.40%	0.39%
Line Losses on Cost of Power (based on two-tier RPP prices)	43	0.12	5.22	57	0.12	6.90	1.68	32.25%	3.49%	3.43%
Line Losses on Cost of Power (based on TOU prices)	43	0.11	4.80	57	0.11	6.35	1.55	32.25%	3.22%	3.16%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>45.25</b>			<b>55.33</b>	<b>10.08</b>	<b>22.28%</b>	<b>28.02%</b>	<b>27.53%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>44.83</b>			<b>54.78</b>	<b>9.95</b>	<b>22.19%</b>	<b>27.74%</b>	<b>27.26%</b>
Retail Transmission Rate – Network Service Rate	1,043	0.0065	6.78	1,057	0.0056	5.92	-0.86	-12.70%	3.00%	2.95%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,043	0.0053	5.49	1,057	0.0046	4.86	-0.62	-11.37%	2.46%	2.42%
<b>Sub-Total: Retail Transmission</b>			<b>12.27</b>			<b>10.78</b>	<b>-1.48</b>	<b>-12.11%</b>	<b>5.46%</b>	<b>5.37%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>57.51</b>			<b>66.11</b>	<b>8.60</b>	<b>14.95%</b>	<b>33.48%</b>	<b>32.90%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>57.10</b>			<b>65.56</b>	<b>8.46</b>	<b>14.82%</b>	<b>33.20%</b>	<b>32.62%</b>
Wholesale Market Service Rate	1,043	0.0036	3.76	1,057	0.0036	3.81	0.05	1.33%	1.93%	1.89%
Rural Rate Protection Charge	1,043	0.0021	2.19	1,057	0.0021	2.22	0.03	1.33%	1.12%	1.10%
Ontario Electricity Support Program Charge	1,043	0.0011	1.15	1,057	0.0011	1.16	0.02	1.33%	0.59%	0.58%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.13%	0.12%
<b>Sub-Total: Regulatory</b>			<b>7.34</b>			<b>7.44</b>	<b>0.09</b>	<b>1.29%</b>	<b>3.77%</b>	<b>3.70%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	<b>7.00</b>	1,000	0.007	<b>7.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.55%</b>	<b>3.48%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>179.35</b>			<b>188.05</b>	<b>8.69</b>	<b>4.85%</b>	<b>95.24%</b>	
HST		0.13	23.32		0.13	24.45	1.13	4.85%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>202.67</b>			<b>212.49</b>	<b>9.82</b>	<b>4.85%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-14.35		-0.08	-15.04	-0.70	4.85%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>188.32</b>			<b>197.45</b>	<b>9.13</b>	<b>4.85%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>182.83</b>			<b>191.39</b>	<b>8.56</b>	<b>4.68%</b>		<b>95.24%</b>
HST		0.13	23.77		0.13	24.88	1.11	4.68%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>206.60</b>			<b>216.27</b>	<b>9.67</b>	<b>4.68%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-14.63		-0.08	-15.31	-0.68	4.68%	-7.62%	
<b>Total Amount on TOU</b>			<b>191.97</b>			<b>200.96</b>	<b>8.99</b>	<b>4.68%</b>		<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	AUGe	WHSI_GS<50
Monthly Consumption (kWh)	2,695	2,695
Peak (kW)	0	0
Loss factor	1.057	1.0431
Commodity Threshold	750	750
Monthly Consumption (kWh) - Uplifted	2849	2811
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	15.44%	
Energy Second Tier (kWh)	1,945	0.121	235.35	1,945	0.121	235.35	0.00	0.00%	47.02%	
<b>Sub-Total: Energy (RPP)</b>			<b>312.60</b>			<b>312.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>62.46%</b>	
TOU-Off Peak	1,752	0.087	152.40	1,752	0.087	152.40	0.00	0.00%		31.36%
TOU-Mid Peak	458	0.132	60.48	458	0.132	60.48	0.00	0.00%		12.45%
TOU-On Peak	485	0.180	87.32	485	0.180	87.32	0.00	0.00%		17.97%
<b>Sub-Total: Energy (TOU)</b>			<b>300.20</b>			<b>300.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>59.98%</b>	<b>61.78%</b>
Service Charge	1	25.19	25.19	1	30.24	30.24	5.05	20.05%	6.04%	6.22%
Fixed Acquisition Agreement Rider	1	-0.25	-0.25	1	0.00	0.00	0.25	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	2,695	0.0145	39.08	2,695	0.0174	46.89	7.82	20.00%	9.37%	9.65%
Volumetric Acquisition Agreement Rider	2,695	-0.0002	-0.54	2,695	0.0000	0.00	0.54	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>63.48</b>			<b>77.13</b>	<b>13.65</b>	<b>21.51%</b>	<b>15.41%</b>	<b>15.87%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.16%	0.16%
Line Losses on Cost of Power (based on two-tier RPP prices)	116	0.12	14.05	154	0.12	18.59	4.53	32.25%	3.71%	3.83%
Line Losses on Cost of Power (based on TOU prices)	116	0.11	12.94	154	0.11	17.11	4.17	32.25%	3.42%	3.52%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>78.32</b>			<b>96.51</b>	<b>18.19</b>	<b>23.22%</b>	<b>19.28%</b>	<b>19.86%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>77.21</b>			<b>95.03</b>	<b>17.83</b>	<b>23.09%</b>	<b>18.99%</b>	<b>19.56%</b>
Retail Transmission Rate – Network Service Rate	2,811	0.0065	18.27	2,849	0.0056	15.95	-2.32	-12.70%	3.19%	3.28%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,811	0.0053	14.79	2,849	0.0046	13.10	-1.68	-11.37%	2.62%	2.70%
<b>Sub-Total: Retail Transmission</b>			<b>33.06</b>			<b>29.06</b>	<b>-4.00</b>	<b>-12.11%</b>	<b>5.81%</b>	<b>5.98%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>111.38</b>			<b>125.57</b>	<b>14.19</b>	<b>12.74%</b>	<b>25.09%</b>	<b>25.84%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>110.26</b>			<b>124.09</b>	<b>13.83</b>	<b>12.54%</b>	<b>24.79%</b>	<b>25.54%</b>
Wholesale Market Service Rate	2,811	0.0036	10.12	2,849	0.0036	10.26	0.13	1.33%	2.05%	2.11%
Rural Rate Protection Charge	2,811	0.0021	5.90	2,849	0.0021	5.98	0.08	1.33%	1.20%	1.23%
Ontario Electricity Support Program Charge	2,811	0.0011	3.09	2,849	0.0011	3.13	0.04	1.33%	0.63%	0.64%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>19.37</b>			<b>19.62</b>	<b>0.25</b>	<b>1.32%</b>	<b>3.92%</b>	<b>4.04%</b>
Debt Retirement Charge (DRC)	2,695	0.007	18.87	2,695	0.007	18.87	0.00	0.00%	3.77%	3.88%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>462.21</b>			<b>476.65</b>	<b>14.44</b>	<b>3.12%</b>	<b>95.24%</b>	
HST		0.13	60.09		0.13	61.96	1.88	3.12%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>522.29</b>			<b>538.61</b>	<b>16.32</b>	<b>3.12%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-36.98		-0.08	-38.13	-1.16	3.12%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>485.32</b>			<b>500.48</b>	<b>15.16</b>	<b>3.12%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>448.69</b>			<b>462.77</b>	<b>14.08</b>	<b>3.14%</b>		<b>95.24%</b>
HST		0.13	58.33		0.13	60.16	1.83	3.14%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>507.02</b>			<b>522.93</b>	<b>15.91</b>	<b>3.14%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-35.90		-0.08	-37.02	-1.13	3.14%		-7.62%
<b>Total Amount on TOU</b>			<b>471.13</b>			<b>485.91</b>	<b>14.78</b>	<b>3.14%</b>		<b>100.00%</b>

**2021 Bill Impacts (Typical Consumption Level)**

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Rate Class	AUGe	WHSI_GS-50
Monthly Consumption (kWh)	2,000	2,000
Peak (kW)	0	0
Loss factor	1.057	1.0431
Commodity Threshold	750	750
Monthly Consumption (kWh) - Uplifted	2114	2086.2
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	20.53%	
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	40.20%	
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>60.73%</b>	
TOU-Off Peak	1,300	0.087	113.10	1,300	0.087	113.10	0.00	0.00%		30.64%
TOU-Mid Peak	340	0.132	44.88	340	0.132	44.88	0.00	0.00%		12.16%
TOU-On Peak	360	0.180	64.80	360	0.180	64.80	0.00	0.00%		17.56%
<b>Sub-Total: Energy (TOU)</b>			<b>222.78</b>			<b>222.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>59.21%</b>	<b>60.36%</b>
Service Charge	1	25.19	25.19	1	30.24	30.24	5.05	20.05%	8.04%	8.19%
Fixed Acquisition Agreement Rider	1	-0.25	-0.25	1	0.00	0.00	0.25	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	2,000	0.0145	29.00	2,000	0.0174	34.80	5.80	20.00%	9.25%	9.43%
Volumetric Acquisition Agreement Rider	2,000	-0.0002	-0.40	2,000	0.0000	0.00	0.40	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>53.54</b>			<b>65.04</b>	<b>11.50</b>	<b>21.48%</b>	<b>17.29%</b>	<b>17.62%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.21%	0.21%
Line Losses on Cost of Power (based on two-tier RPP prices)	86	0.12	10.43	114	0.12	13.79	3.36	32.25%	3.67%	3.74%
Line Losses on Cost of Power (based on TOU prices)	86	0.11	9.60	114	0.11	12.70	3.10	32.25%	3.38%	3.44%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>64.76</b>			<b>79.62</b>	<b>14.86</b>	<b>22.95%</b>	<b>21.16%</b>	<b>21.57%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>63.93</b>			<b>78.53</b>	<b>14.60</b>	<b>22.83%</b>	<b>20.87%</b>	<b>21.28%</b>
Retail Transmission Rate – Network Service Rate	2,086	0.0065	13.56	2,114	0.0056	11.84	-1.72	-12.70%	3.15%	3.21%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,086	0.0053	10.97	2,114	0.0046	9.72	-1.25	-11.37%	2.58%	2.63%
<b>Sub-Total: Retail Transmission</b>			<b>24.53</b>			<b>21.56</b>	<b>-2.97</b>	<b>-12.11%</b>	<b>5.73%</b>	<b>5.84%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>89.29</b>			<b>101.19</b>	<b>11.89</b>	<b>13.32%</b>	<b>26.90%</b>	<b>27.42%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>88.46</b>			<b>100.09</b>	<b>11.63</b>	<b>13.14%</b>	<b>26.60%</b>	<b>27.12%</b>
Wholesale Market Service Rate	2,086	0.0036	7.51	2,114	0.0036	7.61	0.10	1.33%	2.02%	2.06%
Rural Rate Protection Charge	2,086	0.0021	4.38	2,114	0.0021	4.44	0.06	1.33%	1.18%	1.20%
Ontario Electricity Support Program Charge	2,086	0.0011	2.29	2,114	0.0011	2.33	0.03	1.33%	0.62%	0.63%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.07%	0.07%
<b>Sub-Total: Regulatory</b>			<b>14.44</b>			<b>14.63</b>	<b>0.19</b>	<b>1.31%</b>	<b>3.89%</b>	<b>3.96%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	<b>14.00</b>	2,000	0.007	<b>14.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.72%</b>	<b>3.79%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>346.23</b>			<b>358.31</b>	<b>12.08</b>	<b>3.49%</b>	<b>95.24%</b>	
HST		0.13	45.01		0.13	46.58	1.57	3.49%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>391.24</b>			<b>404.89</b>	<b>13.65</b>	<b>3.49%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-27.70		-0.08	-28.66	-0.97	3.49%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>363.54</b>			<b>376.23</b>	<b>12.69</b>	<b>3.49%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>339.68</b>			<b>351.50</b>	<b>11.82</b>	<b>3.48%</b>		<b>95.24%</b>
HST		0.13	44.16		0.13	45.69	1.54	3.48%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>383.84</b>			<b>397.19</b>	<b>13.35</b>	<b>3.48%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-27.17		-0.08	-28.12	-0.95	3.48%	-7.62%	
<b>Total Amount on TOU</b>			<b>356.66</b>			<b>369.07</b>	<b>12.41</b>	<b>3.48%</b>		<b>100.00%</b>

**2021 Bill Impacts (High Consumption Level)**

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Rate Class	AUGe	WHSI GS<50
Monthly Consumption (kWh)	15000	15000
Peak (kW)	0	0
Loss factor	1.057	1.0431
Commodity Threshold	750	750
Monthly Consumption (kWh) - Uplifted	15855	15647
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	2.86%	
Energy Second Tier (kWh)	14,250	0.121	1,724.25	14,250	0.121	1,724.25	0.00	0.00%	63.85%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,801.50</b>			<b>1,801.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>66.71%</b>	
TOU-Off Peak	9,750	0.087	848.25	9,750	0.087	848.25	0.00	0.00%		33.21%
TOU-Mid Peak	2,550	0.132	336.60	2,550	0.132	336.60	0.00	0.00%		13.18%
TOU-On Peak	2,700	0.180	486.00	2,700	0.180	486.00	0.00	0.00%		19.02%
<b>Sub-Total: Energy (TOU)</b>			<b>1,670.85</b>			<b>1,670.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>61.88%</b>	<b>65.41%</b>
Service Charge	1	25.19	25.19	1	30.24	30.24	5.05	20.05%	1.12%	1.18%
Fixed Acquisition Agreement Rider	1	-0.25	-0.25	1	0.00	0.00	0.25	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	15,000	0.0145	217.50	15,000	0.0174	261.00	43.50	20.00%	9.67%	10.22%
Volumetric Acquisition Agreement Rider	15,000	-0.0002	-3.00	15,000	0.0000	0.00	3.00	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>239.44</b>			<b>291.24</b>	<b>51.80</b>	<b>21.63%</b>	<b>10.79%</b>	<b>11.40%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.03%	0.03%
Line Losses on Cost of Power (based on two-tier RPP prices)	646	0.12	78.23	855	0.12	103.46	25.23	32.25%	3.83%	4.05%
Line Losses on Cost of Power (based on TOU prices)	646	0.11	72.01	855	0.11	95.24	23.22	32.25%	3.53%	3.73%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>318.46</b>			<b>395.49</b>	<b>77.03</b>	<b>24.19%</b>	<b>14.65%</b>	<b>15.48%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>312.24</b>			<b>387.27</b>	<b>75.02</b>	<b>24.03%</b>	<b>14.34%</b>	<b>15.16%</b>
Retail Transmission Rate – Network Service Rate	15,647	0.0065	101.70	15,855	0.0056	88.79	-12.91	-12.70%	3.29%	3.48%
Retail Transmission Rate – Line and Transformation Connection Service Rate	15,647	0.0053	82.29	15,855	0.0046	72.93	-9.36	-11.37%	2.70%	2.86%
<b>Sub-Total: Retail Transmission</b>			<b>184.00</b>			<b>161.72</b>	<b>-22.27</b>	<b>-12.11%</b>	<b>5.99%</b>	<b>6.33%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>502.45</b>			<b>557.21</b>	<b>54.75</b>	<b>10.90%</b>	<b>20.63%</b>	<b>21.81%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>496.24</b>			<b>548.99</b>	<b>52.75</b>	<b>10.63%</b>	<b>20.33%</b>	<b>21.49%</b>
Wholesale Market Service Rate	15,647	0.0036	56.33	15,855	0.0036	57.08	0.75	1.33%	2.11%	2.23%
Rural Rate Protection Charge	15,647	0.0021	32.86	15,855	0.0021	33.30	0.44	1.33%	1.23%	1.30%
Ontario Electricity Support Program Charge	15,647	0.0011	17.21	15,855	0.0011	17.44	0.23	1.33%	0.65%	0.68%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Regulatory</b>			<b>106.65</b>			<b>108.06</b>	<b>1.42</b>	<b>1.33%</b>	<b>4.00%</b>	<b>4.23%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.89%	4.11%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>2,515.60</b>			<b>2,571.77</b>	<b>56.17</b>	<b>2.23%</b>	<b>95.24%</b>	
HST		0.13	327.03		0.13	334.33	7.30	2.23%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>2,842.63</b>			<b>2,906.10</b>	<b>63.47</b>	<b>2.23%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-201.25		-0.08	-205.74	-4.49	2.23%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>2,641.38</b>			<b>2,700.36</b>	<b>58.98</b>	<b>2.23%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>2,378.73</b>			<b>2,432.90</b>	<b>54.17</b>	<b>2.28%</b>		<b>95.24%</b>
HST		0.13	309.24		0.13	316.28	7.04	2.28%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>2,687.97</b>			<b>2,749.18</b>	<b>61.21</b>	<b>2.28%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-190.30		-0.08	-194.63	-4.33	2.28%		-7.62%
<b>Total Amount on TOU</b>			<b>2,497.67</b>			<b>2,554.55</b>	<b>56.88</b>	<b>2.28%</b>		<b>100.00%</b>

**2021 Bill Impacts (Low Consumption Level)**

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Rate Class	AUGd	WHSI_GS 50>999
Monthly Consumption (kWh)	15,000	15,000
Peak (kW)	60	60
Loss factor	1.047	1.043
Load factor	34%	34%
Commodity Threshold	0	0
Monthly Consumption (kWh) - Uplifted	15,698	15,647
Charge determinant	kW	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,647	0.103	1,611.59	15,698	0.103	1,616.84	5.25	0.33%	57.87%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,611.59</b>			<b>1,616.84</b>	<b>5.25</b>	<b>0.33%</b>	<b>57.87%</b>
Service Charge	1	139.96	139.96	1	209.83	209.83	69.87	49.92%	7.51%
Fixed Acquisition Agreement Rider	1	-1.40	-1.40	1	0.00	0.00	1.40	-100.00%	0.00%
Distribution Volumetric Rate	60	2.5777	154.66	60	3.8600	231.60	76.94	49.75%	8.29%
Variable Acquisition Agreement Rider	60	-0.0258	-1.55	60	0.0000	0.00	1.55	-100.00%	0.00%
<b>Sub-Total: Distribution</b>			<b>291.67</b>			<b>441.43</b>	<b>149.76</b>	<b>51.34%</b>	<b>15.80%</b>
Retail Transmission Rate – Network Service Rate	60	2.7931	167.59	60	1.8612	111.67	-55.91	-33.36%	4.00%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	2.2465	134.79	60	1.5062	90.37	-44.42	-32.95%	3.23%
<b>Sub-Total: Retail Transmission</b>			<b>302.38</b>			<b>202.04</b>	<b>-100.33</b>	<b>-33.18%</b>	<b>7.23%</b>
<b>Sub-Total: Delivery</b>			<b>594.05</b>			<b>643.47</b>	<b>49.42</b>	<b>8.32%</b>	<b>23.03%</b>
Wholesale Market Service Rate	15,647	0.0036	56.33	15,698	0.0036	56.51	0.18	0.33%	2.02%
Rural Rate Protection Charge	15,647	0.0021	32.86	15,698	0.0021	32.96	0.11	0.33%	1.18%
Ontario Electricity Support Program Charge	15,647	0.0011	17.21	15,698	0.0011	17.27	0.06	0.33%	0.62%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>106.65</b>			<b>106.99</b>	<b>0.35</b>	<b>0.33%</b>	<b>3.83%</b>
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.76%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>2,417.29</b>			<b>2,472.31</b>	<b>55.02</b>	<b>2.28%</b>	<b>88.50%</b>
HST		0.13	314.25		0.13	321.40	7.15	2.28%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>2,731.54</b>			<b>2,793.71</b>	<b>62.17</b>	<b>2.28%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>2,731.54</b>			<b>2,793.71</b>	<b>62.17</b>	<b>2.28%</b>	<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	AUGd	WHSI_GS 50>999
Monthly Consumption (kWh)	61,239	61,239
Peak (kW)	177	177
Loss factor	1.047	1.043
Load factor	47%	47%
Commodity Threshold	0	0
Monthly Consumption (kWh) - Uplifted	64,087	63,878
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	63,878	0.103	6,579.48	64,087	0.103	6,600.92	21.45	0.33%	65.23%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>6,579.48</b>			<b>6,600.92</b>	<b>21.45</b>	<b>0.33%</b>	<b>65.23%</b>
Service Charge	1	139.96	139.96	1	209.83	209.83	69.87	49.92%	2.07%
Fixed Acquisition Agreement Rider	1	-1.40	-1.40	1	0.00	0.00	1.40	-100.00%	0.00%
Distribution Volumetric Rate	177	2.5777	456.25	177	3.8600	683.22	226.97	49.75%	6.75%
Variable Acquisition Agreement Rider	177	-0.0258	-4.57	177	0.0000	0.00	4.57	-100.00%	0.00%
<b>Sub-Total: Distribution</b>			<b>590.25</b>			<b>893.05</b>	<b>302.80</b>	<b>51.30%</b>	<b>8.83%</b>
Retail Transmission Rate – Network Service Rate	177	2.7931	494.38	177	1.8612	329.43	-164.95	-33.36%	3.26%
Retail Transmission Rate – Line and Transformation Connection Service Rate	177	2.2465	397.64	177	1.5062	266.60	-131.04	-32.95%	2.63%
<b>Sub-Total: Retail Transmission</b>			<b>892.01</b>			<b>596.03</b>	<b>-295.99</b>	<b>-33.18%</b>	<b>5.89%</b>
<b>Sub-Total: Delivery</b>			<b>1,482.26</b>			<b>1,489.08</b>	<b>6.82</b>	<b>0.46%</b>	<b>14.72%</b>
Wholesale Market Service Rate	63,878	0.0036	229.96	64,087	0.0036	230.71	0.75	0.33%	2.28%
Rural Rate Protection Charge	63,878	0.0021	134.14	64,087	0.0021	134.58	0.44	0.33%	1.33%
Ontario Electricity Support Program Charge	63,878	0.0011	70.27	64,087	0.0011	70.50	0.23	0.33%	0.70%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>434.62</b>			<b>436.04</b>	<b>1.42</b>	<b>0.33%</b>	<b>4.31%</b>
Debt Retirement Charge (DRC)	61,239	0.007	428.67	61,239	0.007	428.67	0.00	0.00%	4.24%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>8,925.03</b>			<b>8,954.71</b>	<b>29.68</b>	<b>0.33%</b>	<b>88.50%</b>
HST		0.13	1,160.25		0.13	1,164.11	3.86	0.33%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>10,085.29</b>			<b>10,118.83</b>	<b>33.54</b>	<b>0.33%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>10,085.29</b>			<b>10,118.83</b>	<b>33.54</b>	<b>0.33%</b>	<b>100.00%</b>

**2021 Bill Impacts (High Consumption Level)**

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Rate Class	AUGd	WHSI_GS 50>999
Monthly Consumption (kWh)	175,000	175,000
Peak (kW)	500	500
Loss factor	1.047	1.043
Load factor	48%	48%
Commodity Threshold	0	0
Monthly Consumption (kWh) - Uplifted	183,138	182,543
Charge determinant	kW	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	182,543	0.103	18,801.88	183,138	0.103	18,863.16	61.29	0.33%	66.35%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>18,801.88</b>			<b>18,863.16</b>	<b>61.29</b>	<b>0.33%</b>	<b>66.35%</b>
Service Charge	1	139.96	139.96	1	209.83	209.83	69.87	49.92%	0.74%
Fixed Acquisition Agreement Rider	1	-1.40	-1.40	1	0.00	0.00	1.40	-100.00%	0.00%
Distribution Volumetric Rate	500	2.5777	1,288.85	500	3.8600	1,930.00	641.15	49.75%	6.79%
Variable Acquisition Agreement Rider	500	-0.0258	-12.90	500	0.0000	0.00	12.90	-100.00%	0.00%
<b>Sub-Total: Distribution</b>			<b>1,414.51</b>			<b>2,139.83</b>	<b>725.32</b>	<b>51.28%</b>	<b>7.53%</b>
Retail Transmission Rate – Network Service Rate	500	2.7931	1,396.55	500	1.8612	930.60	-465.95	-33.36%	3.27%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	2.2465	1,123.27	500	1.5062	753.10	-370.17	-32.95%	2.65%
<b>Sub-Total: Retail Transmission</b>			<b>2,519.82</b>			<b>1,683.70</b>	<b>-836.12</b>	<b>-33.18%</b>	<b>5.92%</b>
<b>Sub-Total: Delivery</b>			<b>3,934.33</b>			<b>3,823.53</b>	<b>-110.80</b>	<b>-2.82%</b>	<b>13.45%</b>
Wholesale Market Service Rate	182,543	0.0036	657.15	183,138	0.0036	659.30	2.14	0.33%	2.32%
Rural Rate Protection Charge	182,543	0.0021	383.34	183,138	0.0021	384.59	1.25	0.33%	1.35%
Ontario Electricity Support Program Charge	182,543	0.0011	200.80	183,138	0.0011	201.45	0.65	0.33%	0.71%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,241.54</b>			<b>1,245.59</b>	<b>4.05</b>	<b>0.33%</b>	<b>4.38%</b>
Debt Retirement Charge (DRC)	175,000	0.007	1,225.00	175,000	0.007	1,225.00	0.00	0.00%	4.31%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>25,202.74</b>			<b>25,157.28</b>	<b>-45.46</b>	<b>-0.18%</b>	<b>88.50%</b>
HST		0.13	3,276.36		0.13	3,270.45	-5.91	-0.18%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>28,479.10</b>			<b>28,427.72</b>	<b>-51.38</b>	<b>-0.18%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>28,479.10</b>			<b>28,427.72</b>	<b>-51.38</b>	<b>-0.18%</b>	<b>100.00%</b>

**2021 Bill Impacts (Low Consumption Level)**

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Rate Class	ST	WHSI_GS >1,000kW
Monthly Consumption (kWh)	200,000	200,000
Peak (kW)	500	500
Loss factor	1.034	1.033
Load factor	55%	55%
Commodity Threshold	0	0
Monthly Consumption (kWh) - Uplifted	206,800	206,520
Charge determinant	kW	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	206,520	0.103	21,271.56	206,800	0.103	21,300.40	28.84	0.14%	63.41%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>21,271.56</b>			<b>21,300.40</b>	<b>28.84</b>	<b>0.14%</b>	<b>63.41%</b>
Service Charge	1	518.85	518.85	1	1269.2	1,269.20	750.35	144.62%	3.78%
Fixed Acquisition Rider	1	-5.19	-5.19	1	0.00	0.00	5.19	-100.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	3.83	3.83	3.83	0.00%	0.01%
Distribution Volumetric Rate	500	2.7398	1,369.90	500	1.4475425	723.77	-646.13	-47.17%	2.15%
Volumetric Acquisition Rider	500	-0.0274	-13.70	500	0.0000	0.00	13.70	-100.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	500	0.0000	0.00	500	0.2729	136.45	136.45	0.00%	0.41%
Volumetric Global Adjustment Rider	206,520	0.0000	0.00	206,800	0.0019	392.92	392.92	0.00%	1.17%
<b>Sub-Total: Distribution</b>			<b>1,869.86</b>			<b>2,526.17</b>	<b>656.31</b>	<b>35.10%</b>	<b>7.52%</b>
Retail Transmission Rate – Network Service Rate	500	2.7931	1,396.55	500	3.5367	1,768.35	371.80	26.62%	5.26%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	2.2465	1,123.27	500	2.6514	1,325.70	202.43	18.02%	3.95%
<b>Sub-Total: Retail Transmission</b>			<b>2,519.82</b>			<b>3,094.05</b>	<b>574.23</b>	<b>22.79%</b>	<b>9.21%</b>
<b>Sub-Total: Delivery</b>			<b>4,389.68</b>			<b>5,620.22</b>	<b>1,230.55</b>	<b>28.03%</b>	<b>16.73%</b>
Wholesale Market Service Rate	206,520	0.0036	743.47	206,800	0.0036	744.48	1.01	0.14%	2.22%
Rural Rate Protection Charge	206,520	0.0021	433.69	206,800	0.0021	434.28	0.59	0.14%	1.29%
Ontario Electricity Support Program Charge	206,520	0.0011	227.17	206,800	0.0011	227.48	0.31	0.14%	0.68%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,404.59</b>			<b>1,406.49</b>	<b>1.90</b>	<b>0.14%</b>	<b>4.19%</b>
<b>Debt Retirement Charge (DRC)</b>	200,000	0.007	1,400.00	200,000	0.007	1,400.00	0.00	0.00%	4.17%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>28,465.82</b>			<b>29,727.11</b>	<b>1,261.29</b>	<b>4.43%</b>	<b>88.50%</b>
HST			3,700.56		0.13	3,864.52	163.97	4.43%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>32,166.38</b>			<b>33,591.64</b>	<b>1,425.26</b>	<b>4.43%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)			0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>32,166.38</b>			<b>33,591.64</b>	<b>1,425.26</b>	<b>4.43%</b>	<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	ST	WHSI_GS >1,000kW
Monthly Consumption (kWh)	1,037,334	1,037,334
Peak (kW)	50,794	50,794
Loss factor	1.034	1.004
Load factor	3%	3%
Commodity Threshold	0	0
Monthly Consumption (kWh) - Uplifted	1,072,603	1,041,898
Charge determinant	kW	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	1,041,898	0.103	107,315.51	1,072,603	0.103	110,478.14	3,162.62	2.95%	18.44%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>107,315.51</b>			<b>110,478.14</b>	<b>3,162.62</b>	<b>2.95%</b>	<b>18.44%</b>
Service Charge	1	518.85	518.85	1	1269.2	1,269.20	750.35	144.62%	0.21%
Fixed Acquisition Rider	1	-5.19	-5.19	1	0.00	0.00	5.19	-100.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	3.83	3.83	3.83	0.00%	0.00%
Distribution Volumetric Rate	50,794	2.7398	139,166.22	50,794	1.4475425	73,526.90	-65,639.31	-47.17%	12.28%
Volumetric Acquisition Rider		-0.0274	-1,391.76	50,794	0.0000	0.00	1,391.76	-100.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	50,794	0.0000	0.00	50,794	0.2729	13,861.76	13,861.76	0.00%	2.31%
Volumetric Global Adjustment Rider	1,041,898	0.0000	0.00	1,072,603	0.0019	2,037.95	2,037.95	0.00%	0.34%
<b>Sub-Total: Distribution</b>			<b>138,288.11</b>			<b>90,699.64</b>	<b>-47,588.47</b>	<b>-34.41%</b>	<b>15.14%</b>
Retail Transmission Rate – Network Service Rate	50,794	2.7931	141,873.55	50,794	3.5367	179,644.19	37,770.64	26.62%	29.99%
Retail Transmission Rate – Line and Transformation Connection Service Rate	50,794	2.2465	114,111.01	50,794	2.6514	134,676.00	20,564.99	18.02%	22.48%
<b>Sub-Total: Retail Transmission</b>			<b>255,984.56</b>			<b>314,320.19</b>	<b>58,335.63</b>	<b>22.79%</b>	<b>52.48%</b>
<b>Sub-Total: Delivery</b>			<b>394,272.68</b>			<b>405,019.84</b>	<b>10,747.16</b>	<b>2.73%</b>	<b>67.62%</b>
Wholesale Market Service Rate	1,041,898	0.0036	3,750.83	1,072,603	0.0036	3,861.37	110.54	2.95%	0.64%
Rural Rate Protection Charge	1,041,898	0.0021	2,187.99	1,072,603	0.0021	2,252.47	64.48	2.95%	0.38%
Ontario Electricity Support Program Charge	1,041,898	0.0011	1,146.09	1,072,603	0.0011	1,179.86	33.78	2.95%	0.20%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>7,085.16</b>			<b>7,293.95</b>	<b>208.79</b>	<b>2.95%</b>	<b>1.22%</b>
<b>Debt Retirement Charge (DRC)</b>	1,037,334	0.007	<b>7,261.34</b>	1,037,334	0.007	<b>7,261.34</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.21%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>515,934.69</b>			<b>530,053.26</b>	<b>14,118.58</b>	<b>2.74%</b>	<b>88.50%</b>
HST		0.13	67,071.51		0.13	68,906.92	1,835.42	2.74%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>583,006.19</b>			<b>598,960.19</b>	<b>15,953.99</b>	<b>2.74%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>583,006.19</b>			<b>598,960.19</b>	<b>15,953.99</b>	<b>2.74%</b>	<b>100.00%</b>

**2021 Bill Impacts (High Consumption Level)**

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Rate Class	ST	WHSI_GS >1,000kW
Monthly Consumption (kWh)	4,000,000	4,000,000
Peak (kW)	10,000	10,000
Loss factor	1.034	1.0044
Load factor	55%	55%
Commodity Threshold	0	0
Monthly Consumption (kWh) - Uplifted	4,136,000	4,017,600
Charge determinant	kW	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	4,017,600	0.103	413,812.80	4,136,000	0.103	426,008.00	12,195.20	2.95%	66.10%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>413,812.80</b>			<b>426,008.00</b>	<b>12,195.20</b>	<b>2.95%</b>	<b>66.10%</b>
Service Charge	1	518.85	518.85	1	1269.2	1,269.20	750.35	144.62%	0.20%
Fixed Acquisition Rider	1	-5.19	-5.19	1	0.00	0.00	5.19	-100.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	3.83	3.83	3.83	0.00%	0.00%
Distribution Volumetric Rate	10,000	2.7398	27,398.00	10,000	1.4475425	14,475.42	-12,922.58	-47.17%	2.25%
Volumetric Acquisition Rider	10,000	-0.0274	-274.00	10,000	0.0000	0.00	274.00	-100.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	10,000	0.0000	0.00	10,000	0.2729	2,729.00	2,729.00	0.00%	0.42%
Volumetric Global Adjustment Rider	4,017,600	0.0000	0.00	4,136,000	0.0019	7,858.40	7,858.40	0.00%	1.22%
<b>Sub-Total: Distribution</b>			<b>27,637.66</b>			<b>26,335.85</b>	<b>-1,301.81</b>	<b>-4.71%</b>	<b>4.09%</b>
Retail Transmission Rate – Network Service Rate	10,000	2.7931	27,931.00	10,000	3.5367	35,367.00	7,436.00	26.62%	5.49%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,000	2.2465	22,465.32	10,000	2.6514	26,514.00	4,048.68	18.02%	4.11%
<b>Sub-Total: Retail Transmission</b>			<b>50,396.32</b>			<b>61,881.00</b>	<b>11,484.68</b>	<b>22.79%</b>	<b>9.60%</b>
<b>Sub-Total: Delivery</b>			<b>78,033.98</b>			<b>88,216.85</b>	<b>10,182.88</b>	<b>13.05%</b>	<b>13.69%</b>
Wholesale Market Service Rate	4,017,600	0.0036	14,463.36	4,136,000	0.0036	14,889.60	426.24	2.95%	2.31%
Rural Rate Protection Charge	4,017,600	0.0021	8,436.96	4,136,000	0.0021	8,685.60	248.64	2.95%	1.35%
Ontario Electricity Support Program Charge	4,017,600	0.0011	4,419.36	4,136,000	0.0011	4,549.60	130.24	2.95%	0.71%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>27,319.93</b>			<b>28,125.05</b>	<b>805.12</b>	<b>2.95%</b>	<b>4.36%</b>
<b>Debt Retirement Charge (DRC)</b>	4,000,000	0.007	<b>28,000.00</b>	4,000,000	0.007	<b>28,000.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.34%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>547,166.71</b>			<b>570,349.90</b>	<b>23,183.20</b>	<b>4.24%</b>	<b>88.50%</b>
HST		0.13	71,131.67		0.13	74,145.49	3,013.82	4.24%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>618,298.38</b>			<b>644,495.39</b>	<b>26,197.01</b>	<b>4.24%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>618,298.38</b>			<b>644,495.39</b>	<b>26,197.01</b>	<b>4.24%</b>	<b>100.00%</b>

**2021 Bill Impacts (Low Consumption Level)**

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Rate Class	AR	NPDI RES
Monthly Consumption (kWh)	400	400
Peak (kW)	0	0
Loss factor	1.0667	1.0564
Commodity Threshold	600	600
Monthly Consumption (kWh) - Uplifted	427	423
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	400	0.103	41.20	400	0.103	41.20	0.00	0.00%	41.94%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>41.20</b>			<b>41.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>41.94%</b>	
TOU-Off Peak	260	0.087	22.62	260	0.087	22.62	0.00	0.00%		22.18%
TOU-Mid Peak	68	0.132	8.98	68	0.132	8.98	0.00	0.00%		8.80%
TOU-On Peak	72	0.180	12.96	72	0.180	12.96	0.00	0.00%		12.71%
<b>Sub-Total: Energy (TOU)</b>			<b>44.56</b>			<b>44.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.36%</b>	<b>43.68%</b>
Service Charge	1	36.78	36.78	1	40.08	40.08	3.30	8.97%	40.80%	39.30%
Fixed Acquisition Agreement Rider	1	-0.55	-0.55	1	0.00	0.00	0.55	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	400	0.0000	0.00	400	0.0000	0.00	0.00	0.00%	0.00%	0.00%
Low Voltage Service Rate	400	0.0009	0.36	400	0.0000	0.00	-0.36	-100.00%	0.00%	0.00%
Volumetric Acquisition Agreement Rider	400	0.0000	0.00	400	0.0000	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>36.59</b>			<b>40.08</b>	<b>3.49</b>	<b>9.54%</b>	<b>40.80%</b>	<b>39.30%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.80%	0.77%
Line Losses on Cost of Power (based on two-tier RPP prices)	23	0.10	2.32	27	0.10	2.75	0.42	18.26%	2.80%	2.69%
Line Losses on Cost of Power (based on TOU prices)	23	0.11	2.51	27	0.11	2.97	0.46	18.26%	3.03%	2.91%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>39.70</b>			<b>43.62</b>	<b>3.91</b>	<b>9.86%</b>	<b>44.40%</b>	<b>42.76%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>39.89</b>			<b>43.84</b>	<b>3.95</b>	<b>9.90%</b>	<b>44.63%</b>	<b>42.98%</b>
Retail Transmission Rate – Network Service Rate	423	0.0068	2.87	427	0.0071	3.03	0.16	5.43%	3.08%	2.97%
Retail Transmission Rate – Line and Transformation Connection Service Rate	423	0.0036	1.52	427	0.006	2.56	1.04	68.29%	2.61%	2.51%
<b>Sub-Total: Retail Transmission</b>			<b>4.39</b>			<b>5.59</b>	<b>1.19</b>	<b>27.19%</b>	<b>5.69%</b>	<b>5.48%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>44.10</b>			<b>49.21</b>	<b>5.11</b>	<b>11.59%</b>	<b>50.09%</b>	<b>48.24%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>44.29</b>			<b>49.43</b>	<b>5.14</b>	<b>11.61%</b>	<b>50.32%</b>	<b>48.46%</b>
Wholesale Market Service Rate	423	0.0036	1.52	427	0.0036	1.54	0.01	0.98%	1.56%	1.51%
Rural Rate Protection Charge	423	0.0021	0.89	427	0.0021	0.90	0.01	0.98%	0.91%	0.88%
Ontario Electricity Support Program Charge	423	0.0011	0.46	427	0.0011	0.47	0.00	0.98%	0.48%	0.46%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.25%	0.25%
<b>Sub-Total: Regulatory</b>			<b>3.12</b>			<b>3.15</b>	<b>0.03</b>	<b>0.90%</b>	<b>3.21%</b>	<b>3.09%</b>
<b>Debt Retirement Charge (DRC)</b>	400	0.000	<b>0.00</b>	400	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>88.42</b>			<b>93.56</b>	<b>5.14</b>	<b>5.81%</b>	<b>95.24%</b>	
HST		0.13	11.49		0.13	12.16	0.67	5.81%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>99.92</b>			<b>105.72</b>	<b>5.81</b>	<b>5.81%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-7.07		-0.08	-7.48	-0.41	5.81%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>92.84</b>			<b>98.24</b>	<b>5.39</b>	<b>5.81%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>91.97</b>			<b>97.14</b>	<b>5.17</b>	<b>5.62%</b>		<b>95.24%</b>
HST		0.13	11.96		0.13	12.63	0.67	5.62%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>103.92</b>			<b>109.77</b>	<b>5.84</b>	<b>5.62%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-7.36		-0.08	-7.77	-0.41	5.62%		-7.62%
<b>Total Amount on TOU</b>			<b>96.57</b>			<b>102.00</b>	<b>5.43</b>	<b>5.62%</b>		<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	AR	NPDI_RES
Monthly Consumption (kWh)	570	570
Peak (kW)	0	0
Loss factor	1.0667	1.0564
Commodity Threshold	600	600
Monthly Consumption (kWh) - Uplifted	608	602
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	570	0.103	58.71	570	0.103	58.71	0.00	0.00%	48.27%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>58.71</b>			<b>58.71</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.27%</b>	
TOU-Off Peak	370	0.087	32.23	370	0.087	32.23	0.00	0.00%		25.38%
TOU-Mid Peak	97	0.132	12.79	97	0.132	12.79	0.00	0.00%		10.07%
TOU-On Peak	103	0.180	18.47	103	0.180	18.47	0.00	0.00%		14.54%
<b>Sub-Total: Energy (TOU)</b>			<b>63.49</b>			<b>63.49</b>	<b>0.00</b>	<b>0.00%</b>	<b>52.20%</b>	<b>50.00%</b>
Service Charge	1	36.78	36.78	1	40.08	40.08	3.30	8.97%	32.95%	31.56%
Fixed Acquisition Agreement Rider	1	-0.55	-0.55	1	0.00	0.00	0.55	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	570	0.0000	0.00	570	0.0000	0.00	0.00	0.00%	0.00%	0.00%
Low Voltage Service Rate	570	0.0009	0.51	570	0.0000	0.00	-0.51	-100.00%	0.00%	0.00%
Volumetric Acquisition Agreement Rider	570	0.0000	0.00	570	0.0000	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>36.74</b>			<b>40.08</b>	<b>3.34</b>	<b>9.08%</b>	<b>32.95%</b>	<b>31.56%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.65%	0.62%
Line Losses on Cost of Power (based on two-tier RPP prices)	32	0.10	3.31	38	0.10	3.92	0.60	18.26%	3.22%	3.08%
Line Losses on Cost of Power (based on TOU prices)	32	0.11	3.58	38	0.11	4.23	0.65	18.26%	3.48%	3.33%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>40.84</b>			<b>44.79</b>	<b>3.94</b>	<b>9.65%</b>	<b>36.82%</b>	<b>35.27%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>41.11</b>			<b>45.10</b>	<b>3.99</b>	<b>9.71%</b>	<b>37.08%</b>	<b>35.52%</b>
Retail Transmission Rate – Network Service Rate	602	0.0068	4.09	608	0.0071	4.32	0.22	5.43%	3.55%	3.40%
Retail Transmission Rate – Line and Transformation Connection Service Rate	602	0.0036	2.17	608	0.006	3.65	1.48	68.29%	3.00%	2.87%
<b>Sub-Total: Retail Transmission</b>			<b>6.26</b>			<b>7.96</b>	<b>1.70</b>	<b>27.19%</b>	<b>6.55%</b>	<b>6.27%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>47.11</b>			<b>52.75</b>	<b>5.64</b>	<b>11.98%</b>	<b>43.37%</b>	<b>41.54%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>47.38</b>			<b>53.07</b>	<b>5.69</b>	<b>12.02%</b>	<b>43.63%</b>	<b>41.79%</b>
Wholesale Market Service Rate	602	0.0036	2.17	608	0.0036	2.19	0.02	0.98%	1.80%	1.72%
Rural Rate Protection Charge	602	0.0021	1.26	608	0.0021	1.28	0.01	0.98%	1.05%	1.01%
Ontario Electricity Support Program Charge	602	0.0011	0.66	608	0.0011	0.67	0.01	0.98%	0.55%	0.53%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.21%	0.20%
<b>Sub-Total: Regulatory</b>			<b>4.34</b>			<b>4.38</b>	<b>0.04</b>	<b>0.92%</b>	<b>3.60%</b>	<b>3.45%</b>
<b>Debt Retirement Charge (DRC)</b>	570	0.0000	<b>0.00</b>	570	0.0000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>110.16</b>			<b>115.84</b>	<b>5.68</b>	<b>5.16%</b>	<b>95.24%</b>	
HST		0.13	14.32		0.13	15.06	0.74	5.16%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>124.48</b>			<b>130.90</b>	<b>6.42</b>	<b>5.16%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-8.81		-0.08	-9.27	-0.45	5.16%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>115.67</b>			<b>121.63</b>	<b>5.97</b>	<b>5.16%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>115.21</b>			<b>120.94</b>	<b>5.73</b>	<b>4.98%</b>		<b>95.24%</b>
HST		0.13	14.98		0.13	15.72	0.75	4.98%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>130.19</b>			<b>136.67</b>	<b>6.48</b>	<b>4.98%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-9.22		-0.08	-9.68	-0.46	4.98%		-7.62%
<b>Total Amount on TOU</b>			<b>120.97</b>			<b>126.99</b>	<b>6.02</b>	<b>4.98%</b>		<b>100.00%</b>

**2021 Bill Impacts (Typical Consumption Level)**

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Rate Class	AR	NPDI_RES
Monthly Consumption (kWh)	750	750
Peak (kW)	0	0
Loss factor	1.0667	1.0564
Commodity Threshold	600	600
Monthly Consumption (kWh) - Uplifted	800	792
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	41.15%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	12.08%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.23%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		27.64%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		10.97%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		15.83%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.62%</b>	<b>54.44%</b>
Service Charge	1	36.78	36.78	1	40.08	40.08	3.30	8.97%	26.69%	26.12%
Fixed Acquisition Agreement Rider	1	-0.55	-0.55	1	0.00	0.00	0.55	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	750	0.0000	0.00	750	0.0000	0.00	0.00	0.00%	0.00%	0.00%
Low Voltage Service Rate	750	0.0009	0.68	750	0.0000	0.00	-0.68	-100.00%	0.00%	0.00%
Volumetric Acquisition Agreement Rider	750	0.0000	0.00	750	0.0000	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>36.91</b>			<b>40.08</b>	<b>3.18</b>	<b>8.60%</b>	<b>26.69%</b>	<b>26.12%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.53%	0.51%
Line Losses on Cost of Power (based on two-tier RPP prices)	42	0.12	5.12	50	0.12	6.05	0.93	18.26%	4.03%	3.94%
Line Losses on Cost of Power (based on TOU prices)	42	0.11	4.71	50	0.11	5.57	0.86	18.26%	3.71%	3.63%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>42.81</b>			<b>46.92</b>	<b>4.11</b>	<b>9.60%</b>	<b>31.24%</b>	<b>30.58%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>42.41</b>			<b>46.44</b>	<b>4.04</b>	<b>9.52%</b>	<b>30.92%</b>	<b>30.26%</b>
Retail Transmission Rate – Network Service Rate	792	0.0068	5.39	800	0.0071	5.68	0.29	5.43%	3.78%	3.70%
Retail Transmission Rate – Line and Transformation Connection Service Rate	792	0.0036	2.85	800	0.006	4.80	1.95	68.29%	3.20%	3.13%
<b>Sub-Total: Retail Transmission</b>			<b>8.24</b>			<b>10.48</b>	<b>2.24</b>	<b>27.19%</b>	<b>6.98%</b>	<b>6.83%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>51.05</b>			<b>57.40</b>	<b>6.35</b>	<b>12.44%</b>	<b>38.22%</b>	<b>37.41%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>50.65</b>			<b>56.92</b>	<b>6.28</b>	<b>12.39%</b>	<b>37.90%</b>	<b>37.09%</b>
Wholesale Market Service Rate	792	0.0036	2.85	800	0.0036	2.88	0.03	0.98%	1.92%	1.88%
Rural Rate Protection Charge	792	0.0021	1.66	800	0.0021	1.68	0.02	0.98%	1.12%	1.09%
Ontario Electricity Support Program Charge	792	0.0011	0.87	800	0.0011	0.88	0.01	0.98%	0.59%	0.57%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.17%	0.16%
<b>Sub-Total: Regulatory</b>			<b>5.64</b>			<b>5.69</b>	<b>0.05</b>	<b>0.93%</b>	<b>3.79%</b>	<b>3.71%</b>
<b>Debt Retirement Charge (DRC)</b>	750	0.0000	<b>0.00</b>	750	0.0000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>136.64</b>			<b>143.04</b>	<b>6.40</b>	<b>4.69%</b>	<b>95.24%</b>	
HST		0.13	17.76		0.13	18.60	0.83	4.69%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>154.40</b>			<b>161.64</b>	<b>7.24</b>	<b>4.69%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-10.93		-0.08	-11.44	-0.51	4.69%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>143.47</b>			<b>150.20</b>	<b>6.72</b>	<b>4.69%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>139.83</b>			<b>146.16</b>	<b>6.33</b>	<b>4.53%</b>		<b>95.24%</b>
HST		0.13	18.18		0.13	19.00	0.82	4.53%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>158.00</b>			<b>165.16</b>	<b>7.15</b>	<b>4.53%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-11.19		-0.08	-11.69	-0.51	4.53%		-7.62%
<b>Total Amount on TOU</b>			<b>146.82</b>			<b>153.46</b>	<b>6.64</b>	<b>4.53%</b>		<b>100.00%</b>

**2021 Bill Impacts (High Consumption Level)**

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Rate Class	AR	NPDI RES
Monthly Consumption (kWh)	1800	1800
Peak (kW)	0	0
Loss factor	1.0667	1.0564
Commodity Threshold	600	600
Monthly Consumption (kWh) - Uplifted	1920	1902
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	19.56%	
Energy Second Tier (kWh)	1,200	0.121	145.20	1,200	0.121	145.20	0.00	0.00%	45.96%	
<b>Sub-Total: Energy (RPP)</b>			<b>207.00</b>			<b>207.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>65.53%</b>	
TOU-Off Peak	1,170	0.087	101.79	1,170	0.087	101.79	0.00	0.00%		33.06%
TOU-Mid Peak	306	0.132	40.39	306	0.132	40.39	0.00	0.00%		13.12%
TOU-On Peak	324	0.180	58.32	324	0.180	58.32	0.00	0.00%		18.94%
<b>Sub-Total: Energy (TOU)</b>			<b>200.50</b>			<b>200.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>63.47%</b>	<b>65.13%</b>
Service Charge	1	36.78	36.78	1	40.08	40.08	3.30	8.97%	12.69%	13.02%
Fixed Acquisition Agreement Rider	1	-0.55	-0.55	1	0.00	0.00	0.55	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	1,800	0.0000	0.00	1,800	0.0000	0.00	0.00	0.00%	0.00%	0.00%
Low Voltage Service Rate	1,800	0.0009	1.62	1,800	0.0000	0.00	-1.62	-100.00%	0.00%	0.00%
Volumetric Acquisition Agreement Rider	1,800	0.0000	0.00	1,800	0.0000	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>37.85</b>			<b>40.08</b>	<b>2.23</b>	<b>5.89%</b>	<b>12.69%</b>	<b>13.02%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.25%	0.26%
Line Losses on Cost of Power (based on two-tier RPP prices)	102	0.12	12.28	120	0.12	14.53	2.24	18.26%	4.60%	4.72%
Line Losses on Cost of Power (based on TOU prices)	102	0.11	11.31	120	0.11	13.37	2.07	18.26%	4.23%	4.34%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>50.92</b>			<b>55.40</b>	<b>4.47</b>	<b>8.78%</b>	<b>17.54%</b>	<b>17.99%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>49.95</b>			<b>54.24</b>	<b>4.30</b>	<b>8.60%</b>	<b>17.17%</b>	<b>17.62%</b>
Retail Transmission Rate – Network Service Rate	1,902	0.0068	12.93	1,920	0.0071	13.63	0.70	5.43%	4.32%	4.43%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,902	0.0036	6.85	1,920	0.006	11.52	4.67	68.29%	3.65%	3.74%
<b>Sub-Total: Retail Transmission</b>			<b>19.78</b>			<b>25.15</b>	<b>5.38</b>	<b>27.19%</b>	<b>7.96%</b>	<b>8.17%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>70.70</b>			<b>80.55</b>	<b>9.85</b>	<b>13.93%</b>	<b>25.50%</b>	<b>26.16%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>69.72</b>			<b>79.40</b>	<b>9.67</b>	<b>13.87%</b>	<b>25.13%</b>	<b>25.79%</b>
Wholesale Market Service Rate	1,902	0.0036	6.85	1,920	0.0036	6.91	0.07	0.98%	2.19%	2.25%
Rural Rate Protection Charge	1,902	0.0021	3.99	1,920	0.0021	4.03	0.04	0.98%	1.28%	1.31%
Ontario Electricity Support Program Charge	1,902	0.0011	2.09	1,920	0.0011	2.11	0.02	0.98%	0.67%	0.69%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Regulatory</b>			<b>13.18</b>			<b>13.31</b>	<b>0.13</b>	<b>0.96%</b>	<b>4.21%</b>	<b>4.32%</b>
<b>Debt Retirement Charge (DRC)</b>	1,800	0.0000	<b>0.00</b>	1,800	0.0000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>290.88</b>			<b>300.86</b>	<b>9.98</b>	<b>3.43%</b>	<b>95.24%</b>	
HST		0.13	37.81		0.13	39.11	1.30	3.43%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>328.69</b>			<b>339.97</b>	<b>11.27</b>	<b>3.43%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-23.27		-0.08	-24.07	-0.80	3.43%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>305.42</b>			<b>315.90</b>	<b>10.48</b>	<b>3.43%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>283.41</b>			<b>293.20</b>	<b>9.80</b>	<b>3.46%</b>		<b>95.24%</b>
HST		0.13	36.84		0.13	38.12	1.27	3.46%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>320.25</b>			<b>331.32</b>	<b>11.07</b>	<b>3.46%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-22.67		-0.08	-23.46	-0.78	3.46%		-7.62%
<b>Total Amount on TOU</b>			<b>297.58</b>			<b>307.86</b>	<b>10.29</b>	<b>3.46%</b>		<b>100.00%</b>

**2021 Bill Impacts (Low Consumption Level)**

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Rate Class	AR	HCHI RES
Monthly Consumption (kWh)	400	400
Peak (kW)	0	0
Loss factor	1.0667	1.0655
Commodity Threshold	600	600
Monthly Consumption (kWh) - Uplifted	426.68	426.2
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	400	0.103	41.20	400	0.103	41.20	0.00	0.00%	41.94%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>41.20</b>			<b>41.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>41.94%</b>	
TOU-Off Peak	260	0.087	22.62	260	0.087	22.62	0.00	0.00%		22.18%
TOU-Mid Peak	68	0.132	8.98	68	0.132	8.98	0.00	0.00%		8.80%
TOU-On Peak	72	0.180	12.96	72	0.180	12.96	0.00	0.00%		12.71%
<b>Sub-Total: Energy (TOU)</b>			<b>44.56</b>			<b>44.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.36%</b>	<b>43.68%</b>
Service Charge	1	35.62	35.62	1	40.08	40.08	4.46	12.52%	40.80%	39.30%
Fixed Acquisition Agreement Rider	1	-0.36	-0.36	1	0.00	0.00	0.36	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	400	0.0000	0.00	400	0.0000	0.00	0.00	0.00%	0.00%	0.00%
Low Voltage Service Rate	400	0.0004	0.16	400	0.0000	0.00	-0.16	-100.00%	0.00%	0.00%
Volumetric Acquisition Agreement Rider	400	0.0000	0.00	400	0.0000	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>35.42</b>			<b>40.08</b>	<b>4.66</b>	<b>13.16%</b>	<b>40.80%</b>	<b>39.30%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.80%	0.77%
Line Losses on Cost of Power (based on two-tier RPP prices)	26	0.10	2.70	27	0.10	2.75	0.05	1.83%	2.80%	2.69%
Line Losses on Cost of Power (based on TOU prices)	26	0.11	2.92	27	0.11	2.97	0.05	1.83%	3.03%	2.91%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>38.91</b>			<b>43.62</b>	<b>4.71</b>	<b>12.10%</b>	<b>44.40%</b>	<b>42.76%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>39.13</b>			<b>43.84</b>	<b>4.71</b>	<b>12.05%</b>	<b>44.63%</b>	<b>42.98%</b>
Retail Transmission Rate – Network Service Rate	426	0.0065	2.79	427	0.0071	3.03	0.24	8.61%	3.08%	2.97%
Retail Transmission Rate – Line and Transformation Connection Service Rate	426	0.0054	2.31	427	0.006	2.56	0.25	10.91%	2.61%	2.51%
<b>Sub-Total: Retail Transmission</b>			<b>5.10</b>			<b>5.59</b>	<b>0.49</b>	<b>9.65%</b>	<b>5.69%</b>	<b>5.48%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>44.01</b>			<b>49.21</b>	<b>5.20</b>	<b>11.82%</b>	<b>50.09%</b>	<b>48.24%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>44.23</b>			<b>49.43</b>	<b>5.21</b>	<b>11.77%</b>	<b>50.32%</b>	<b>48.46%</b>
Wholesale Market Service Rate	426	0.0036	1.53	427	0.0036	1.54	0.00	0.11%	1.56%	1.51%
Rural Rate Protection Charge	426	0.0021	0.90	427	0.0021	0.90	0.00	0.11%	0.91%	0.88%
Ontario Electricity Support Program Charge	426	0.0011	0.47	427	0.0011	0.47	0.00	0.11%	0.48%	0.46%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.25%	0.25%
<b>Sub-Total: Regulatory</b>			<b>3.15</b>			<b>3.15</b>	<b>0.00</b>	<b>0.10%</b>	<b>3.21%</b>	<b>3.09%</b>
<b>Debt Retirement Charge (DRC)</b>	400	0.0000	<b>0.00</b>	400	0.0000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>88.35</b>			<b>93.56</b>	<b>5.20</b>	<b>5.89%</b>	<b>95.24%</b>	
HST		0.13	11.49		0.13	12.16	0.68	5.89%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>99.84</b>			<b>105.72</b>	<b>5.88</b>	<b>5.89%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-7.07		-0.08	-7.48	-0.42	5.89%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>92.77</b>			<b>98.24</b>	<b>5.47</b>	<b>5.89%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>91.93</b>			<b>97.14</b>	<b>5.21</b>	<b>5.67%</b>		<b>95.24%</b>
HST		0.13	11.95		0.13	12.63	0.68	5.67%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>103.88</b>			<b>109.77</b>	<b>5.89</b>	<b>5.67%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-7.35		-0.08	-7.77	-0.42	5.67%		-7.62%
<b>Total Amount on TOU</b>			<b>96.53</b>			<b>102.00</b>	<b>5.47</b>	<b>5.67%</b>		<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	AR	HCHI RES
Monthly Consumption (kWh)	694	694
Peak (kW)	0	0
Loss factor	1.0667	1.0655
Commodity Threshold	600	600
Monthly Consumption (kWh) - Uplifted	740	740
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	43.72%	
Energy Second Tier (kWh)	94	0.121	11.38	94	0.121	11.38	0.00	0.00%	8.05%	
<b>Sub-Total: Energy (RPP)</b>			<b>73.18</b>			<b>73.18</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.77%</b>	
TOU-Off Peak	451	0.087	39.25	451	0.087	39.25	0.00	0.00%		27.02%
TOU-Mid Peak	118	0.132	15.57	118	0.132	15.57	0.00	0.00%		10.72%
TOU-On Peak	125	0.180	22.49	125	0.180	22.49	0.00	0.00%		15.48%
<b>Sub-Total: Energy (TOU)</b>			<b>77.31</b>			<b>77.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.69%</b>	<b>53.23%</b>
Service Charge	1	35.62	35.62	1	40.08	40.08	4.46	12.52%	28.35%	27.60%
Fixed Acquisition Agreement Rider	1	-0.36	-0.36	1	0.00	0.00	0.36	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	694	0.0000	0.00	694	0.0000	0.00	0.00	0.00%	0.00%	0.00%
Low Voltage Service Rate	694	0.0004	0.28	694	0.0000	0.00	-0.28	-100.00%	0.00%	0.00%
Volumetric Acquisition Agreement Rider	694	0.0000	0.00	694	0.0000	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>35.54</b>			<b>40.08</b>	<b>4.54</b>	<b>12.78%</b>	<b>28.35%</b>	<b>27.60%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.56%	0.54%
Line Losses on Cost of Power (based on two-tier RPP prices)	45	0.12	5.50	46	0.12	5.60	0.10	1.83%	3.96%	3.86%
Line Losses on Cost of Power (based on TOU prices)	45	0.11	5.06	46	0.11	5.16	0.09	1.83%	3.65%	3.55%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>41.83</b>			<b>46.47</b>	<b>4.64</b>	<b>11.10%</b>	<b>32.87%</b>	<b>32.00%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>41.39</b>			<b>46.03</b>	<b>4.64</b>	<b>11.20%</b>	<b>32.56%</b>	<b>31.69%</b>
Retail Transmission Rate – Network Service Rate	740	0.0065	4.84	740	0.0071	5.26	0.42	8.61%	3.72%	3.62%
Retail Transmission Rate – Line and Transformation Connection Service Rate	740	0.0054	4.00	740	0.006	4.44	0.44	10.91%	3.14%	3.06%
<b>Sub-Total: Retail Transmission</b>			<b>8.84</b>			<b>9.70</b>	<b>0.85</b>	<b>9.65%</b>	<b>6.86%</b>	<b>6.68%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>50.67</b>			<b>56.17</b>	<b>5.50</b>	<b>10.85%</b>	<b>39.73%</b>	<b>38.68%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>50.24</b>			<b>55.73</b>	<b>5.49</b>	<b>10.93%</b>	<b>39.42%</b>	<b>38.37%</b>
Wholesale Market Service Rate	740	0.0036	2.66	740	0.0036	2.67	0.00	0.11%	1.89%	1.84%
Rural Rate Protection Charge	740	0.0021	1.55	740	0.0021	1.55	0.00	0.11%	1.10%	1.07%
Ontario Electricity Support Program Charge	740	0.0011	0.81	740	0.0011	0.81	0.00	0.11%	0.58%	0.56%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.18%	0.17%
<b>Sub-Total: Regulatory</b>			<b>5.28</b>			<b>5.28</b>	<b>0.01</b>	<b>0.11%</b>	<b>3.74%</b>	<b>3.64%</b>
<b>Debt Retirement Charge (DRC)</b>	694	0.0000	<b>0.00</b>	694	0.0000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>129.13</b>			<b>134.63</b>	<b>5.50</b>	<b>4.26%</b>	<b>95.24%</b>	
HST		0.13	16.79		0.13	17.50	0.72	4.26%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>145.92</b>			<b>152.14</b>	<b>6.22</b>	<b>4.26%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-10.33		-0.08	-10.77	-0.44	4.26%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>135.59</b>			<b>141.37</b>	<b>5.78</b>	<b>4.26%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>132.83</b>			<b>138.32</b>	<b>5.49</b>	<b>4.14%</b>		<b>95.24%</b>
HST		0.13	17.27		0.13	17.98	0.71	4.14%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>150.09</b>			<b>156.30</b>	<b>6.21</b>	<b>4.14%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-10.63		-0.08	-11.07	-0.44	4.14%		-7.62%
<b>Total Amount on TOU</b>			<b>139.47</b>			<b>145.24</b>	<b>5.77</b>	<b>4.14%</b>		<b>100.00%</b>

**2021 Bill Impacts (Typical Consumption Level)**

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Rate Class	AR	HCHI_RES
Monthly Consumption (kWh)	750	750
Peak (kW)	0	0
Loss factor	1.0667	1.0655
Commodity Threshold	600	600
Monthly Consumption (kWh) - Uplifted	800.025	799.125
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	41.15%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	12.08%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.23%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		27.64%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		10.97%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		15.83%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.62%</b>	<b>54.44%</b>
Service Charge	1	35.62	35.62	1	40.08	40.08	4.46	12.52%	26.69%	26.12%
Fixed Acquisition Agreement Rider	1	-0.36	-0.36	1	0.00	0.00	0.36	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	750	0.0000	0.00	750	0.0000	0.00	0.00	0.00%	0.00%	0.00%
Low Voltage Service Rate	750	0.0004	0.30	750	0.0000	0.00	-0.30	-100.00%	0.00%	0.00%
Volumetric Acquisition Agreement Rider	750	0.0000	0.00	750	0.0000	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>35.56</b>			<b>40.08</b>	<b>4.52</b>	<b>12.71%</b>	<b>26.69%</b>	<b>26.12%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.53%	0.51%
Line Losses on Cost of Power (based on two-tier RPP prices)	49	0.12	5.94	50	0.12	6.05	0.11	1.83%	4.03%	3.94%
Line Losses on Cost of Power (based on TOU prices)	49	0.11	5.47	50	0.11	5.57	0.10	1.83%	3.71%	3.63%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>42.29</b>			<b>46.92</b>	<b>4.63</b>	<b>10.94%</b>	<b>31.24%</b>	<b>30.58%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>41.82</b>			<b>46.44</b>	<b>4.62</b>	<b>11.05%</b>	<b>30.92%</b>	<b>30.26%</b>
Retail Transmission Rate – Network Service Rate	799	0.0065	5.23	800	0.0071	5.68	0.45	8.61%	3.78%	3.70%
Retail Transmission Rate – Line and Transformation Connection Service Rate	799	0.0054	4.33	800	0.006	4.80	0.47	10.91%	3.20%	3.13%
<b>Sub-Total: Retail Transmission</b>			<b>9.56</b>			<b>10.48</b>	<b>0.92</b>	<b>9.65%</b>	<b>6.98%</b>	<b>6.83%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>51.85</b>			<b>57.40</b>	<b>5.55</b>	<b>10.71%</b>	<b>38.22%</b>	<b>37.41%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>51.38</b>			<b>56.92</b>	<b>5.54</b>	<b>10.79%</b>	<b>37.90%</b>	<b>37.09%</b>
Wholesale Market Service Rate	799	0.0036	2.88	800	0.0036	2.88	0.00	0.11%	1.92%	1.88%
Rural Rate Protection Charge	799	0.0021	1.68	800	0.0021	1.68	0.00	0.11%	1.12%	1.09%
Ontario Electricity Support Program Charge	799	0.0011	0.88	800	0.0011	0.88	0.00	0.11%	0.59%	0.57%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.17%	0.16%
<b>Sub-Total: Regulatory</b>			<b>5.68</b>			<b>5.69</b>	<b>0.01</b>	<b>0.11%</b>	<b>3.79%</b>	<b>3.71%</b>
<b>Debt Retirement Charge (DRC)</b>	750	0.0000	<b>0.00</b>	750	0.0000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>137.49</b>			<b>143.04</b>	<b>5.56</b>	<b>4.04%</b>	<b>95.24%</b>	
HST		0.13	17.87		0.13	18.60	0.72	4.04%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>155.36</b>			<b>161.64</b>	<b>6.28</b>	<b>4.04%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-11.00		-0.08	-11.44	-0.44	4.04%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>144.36</b>			<b>150.20</b>	<b>5.84</b>	<b>4.04%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>140.61</b>			<b>146.16</b>	<b>5.55</b>	<b>3.95%</b>		<b>95.24%</b>
HST		0.13	18.28		0.13	19.00	0.72	3.95%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>158.89</b>			<b>165.16</b>	<b>6.27</b>	<b>3.95%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-11.25		-0.08	-11.69	-0.44	3.95%		-7.62%
<b>Total Amount on TOU</b>			<b>147.64</b>			<b>153.46</b>	<b>5.83</b>	<b>3.95%</b>		<b>100.00%</b>

**2021 Bill Impacts (High Consumption Level)**

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Rate Class	AR	HCHI RES
Monthly Consumption (kWh)	1800	1800
Peak (kW)	0	0
Loss factor	1.0667	1.0655
Commodity Threshold	600	600
Monthly Consumption (kWh) - Uplifted	1920.06	1917.9
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	19.56%	
Energy Second Tier (kWh)	1,200	0.121	145.20	1,200	0.121	145.20	0.00	0.00%	45.96%	
<b>Sub-Total: Energy (RPP)</b>			<b>207.00</b>			<b>207.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>65.53%</b>	
TOU-Off Peak	1,170	0.087	101.79	1,170	0.087	101.79	0.00	0.00%		33.06%
TOU-Mid Peak	306	0.132	40.39	306	0.132	40.39	0.00	0.00%		13.12%
TOU-On Peak	324	0.180	58.32	324	0.180	58.32	0.00	0.00%		18.94%
<b>Sub-Total: Energy (TOU)</b>			<b>200.50</b>			<b>200.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>63.47%</b>	<b>65.13%</b>
Service Charge	1	35.62	35.62	1	40.08	40.08	4.46	12.52%	12.69%	13.02%
Fixed Acquisition Agreement Rider	1	-0.36	-0.36	1	0.00	0.00	0.36	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	1,800	0.0000	0.00	1,800	0.0000	0.00	0.00	0.00%	0.00%	0.00%
Low Voltage Service Rate	1,800	0.0004	0.72	1,800	0.0000	0.00	-0.72	-100.00%	0.00%	0.00%
Volumetric Acquisition Agreement Rider	1,800	0.0000	0.00	1,800	0.0000	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>35.98</b>			<b>40.08</b>	<b>4.10</b>	<b>11.40%</b>	<b>12.69%</b>	<b>13.02%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.25%	0.26%
Line Losses on Cost of Power (based on two-tier RPP prices)	118	0.12	14.27	120	0.12	14.53	0.26	1.83%	4.60%	4.72%
Line Losses on Cost of Power (based on TOU prices)	118	0.11	13.13	120	0.11	13.37	0.24	1.83%	4.23%	4.34%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>51.04</b>			<b>55.40</b>	<b>4.36</b>	<b>8.55%</b>	<b>17.54%</b>	<b>17.99%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>49.90</b>			<b>54.24</b>	<b>4.34</b>	<b>8.70%</b>	<b>17.17%</b>	<b>17.62%</b>
Retail Transmission Rate – Network Service Rate	1,918	0.0065	12.55	1,920	0.0071	13.63	1.08	8.61%	4.32%	4.43%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,918	0.0054	10.39	1,920	0.006	11.52	1.13	10.91%	3.65%	3.74%
<b>Sub-Total: Retail Transmission</b>			<b>22.94</b>			<b>25.15</b>	<b>2.21</b>	<b>9.65%</b>	<b>7.96%</b>	<b>8.17%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>73.97</b>			<b>80.55</b>	<b>6.58</b>	<b>8.89%</b>	<b>25.50%</b>	<b>26.16%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>72.84</b>			<b>79.40</b>	<b>6.55</b>	<b>9.00%</b>	<b>25.13%</b>	<b>25.79%</b>
Wholesale Market Service Rate	1,918	0.0036	6.90	1,920	0.0036	6.91	0.01	0.11%	2.19%	2.25%
Rural Rate Protection Charge	1,918	0.0021	4.03	1,920	0.0021	4.03	0.00	0.11%	1.28%	1.31%
Ontario Electricity Support Program Charge	1,918	0.0011	2.11	1,920	0.0011	2.11	0.00	0.11%	0.67%	0.69%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Regulatory</b>			<b>13.29</b>			<b>13.31</b>	<b>0.01</b>	<b>0.11%</b>	<b>4.21%</b>	<b>4.32%</b>
<b>Debt Retirement Charge (DRC)</b>	1,800	0.0000	<b>0.00</b>	1,800	0.0000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>294.27</b>			<b>300.86</b>	<b>6.59</b>	<b>2.24%</b>	<b>95.24%</b>	
HST		0.13	38.25		0.13	39.11	0.86	2.24%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>332.52</b>			<b>339.97</b>	<b>7.45</b>	<b>2.24%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-23.54		-0.08	-24.07	-0.53	2.24%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>308.98</b>			<b>315.90</b>	<b>6.92</b>	<b>2.24%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>286.64</b>			<b>293.20</b>	<b>6.57</b>	<b>2.29%</b>		<b>95.24%</b>
HST		0.13	37.26		0.13	38.12	0.85	2.29%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>323.90</b>			<b>331.32</b>	<b>7.42</b>	<b>2.29%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-22.93		-0.08	-23.46	-0.53	2.29%		-7.62%
<b>Total Amount on TOU</b>			<b>300.97</b>			<b>307.86</b>	<b>6.90</b>	<b>2.29%</b>		<b>100.00%</b>

**2021 Bill Impacts (Low Consumption Level)**

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Rate Class	AGSe	NPDI_GS<50
Monthly Consumption (kWh)	1000	1000
Peak (kW)	0	0
Loss factor	1.0667	1.0564
Commodity Threshold	750	750
Monthly Consumption (kWh) - Uplifted	1066.7	1056.4
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	36.65%	
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	14.35%	
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.00%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		26.40%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		10.48%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		15.13%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>52.85%</b>	<b>52.01%</b>
Service Charge	1	49.98	49.98	1	40.82	40.82	-9.16	-18.33%	19.37%	19.06%
Fixed Acquisition Agreement Rider	1	-0.74	-0.74	1	0.00	0.00	0.74	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	1,000	0.0156	15.60	1,000	0.0187	18.70	3.10	19.87%	8.87%	8.73%
Low Voltage Service Rate	1,000	0.0008	0.80	1,000	0.0000	0.00	-0.80	-100.00%	0.00%	0.00%
Volumetric Acquisition Agreement Rider	1,000	-0.0003	-0.30	1,000	0.0000	0.00	0.30	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>65.34</b>			<b>59.52</b>	<b>-5.82</b>	<b>-8.91%</b>	<b>28.24%</b>	<b>27.79%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.37%	0.37%
Line Losses on Cost of Power (based on two-tier RPP prices)	56	0.12	6.82	67	0.12	8.07	1.25	18.26%	3.83%	3.77%
Line Losses on Cost of Power (based on TOU prices)	67	0.11	7.43	67	0.11	7.43	0.00	0.00%	3.53%	3.47%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>72.95</b>			<b>68.38</b>	<b>-4.57</b>	<b>-6.27%</b>	<b>32.44%</b>	<b>31.93%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>73.56</b>			<b>67.74</b>	<b>-5.82</b>	<b>-7.91%</b>	<b>32.14%</b>	<b>31.63%</b>
Retail Transmission Rate – Network Service Rate	1,056	0.0063	6.66	1,067	0.0053	5.65	-1.00	-15.05%	2.68%	2.64%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,056	0.0031	3.27	1,067	0.0044	4.69	1.42	43.32%	2.23%	2.19%
<b>Sub-Total: Retail Transmission</b>			<b>9.93</b>			<b>10.35</b>	<b>0.42</b>	<b>4.20%</b>	<b>4.91%</b>	<b>4.83%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>82.88</b>			<b>78.73</b>	<b>-4.16</b>	<b>-5.02%</b>	<b>37.35%</b>	<b>36.76%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>83.49</b>			<b>78.09</b>	<b>-5.40</b>	<b>-6.47%</b>	<b>37.05%</b>	<b>36.46%</b>
Wholesale Market Service Rate	1,056	0.0036	3.80	1,067	0.0036	3.84	0.04	0.98%	1.82%	1.79%
Rural Rate Protection Charge	1,056	0.0021	2.22	1,067	0.0021	2.24	0.02	0.98%	1.06%	1.05%
Ontario Electricity Support Program Charge	1,056	0.0011	1.16	1,067	0.0011	1.17	0.01	0.98%	0.56%	0.55%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.12%	0.12%
<b>Sub-Total: Regulatory</b>			<b>7.43</b>			<b>7.50</b>	<b>0.07</b>	<b>0.94%</b>	<b>3.56%</b>	<b>3.50%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	<b>7.00</b>	1,000	0.007	<b>7.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.32%</b>	<b>3.27%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>204.82</b>			<b>200.73</b>	<b>-4.09</b>	<b>-2.00%</b>	<b>95.24%</b>	
HST		0.13	26.63		0.13	26.10	-0.53	-2.00%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>231.44</b>			<b>226.83</b>	<b>-4.62</b>	<b>-2.00%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-16.39		-0.08	-16.06	0.33	-2.00%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>215.06</b>			<b>210.77</b>	<b>-4.29</b>	<b>-2.00%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>209.31</b>			<b>203.98</b>	<b>-5.33</b>	<b>-2.55%</b>		<b>95.24%</b>
HST		0.13	27.21		0.13	26.52	-0.69	-2.55%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>236.52</b>			<b>230.50</b>	<b>-6.03</b>	<b>-2.55%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-16.75		-0.08	-16.32	0.43	-2.55%		-7.62%
<b>Total Amount on TOU</b>			<b>219.78</b>			<b>214.18</b>	<b>-5.60</b>	<b>-2.55%</b>		<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	AGSe	NPDI_GS<50
Monthly Consumption (kWh)	2,182	2,182
Peak (kW)	0	0
Loss factor	1.0667	1.0564
Commodity Threshold	750	750
Monthly Consumption (kWh) - Uplifted	2328	2306
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	18.19%	
Energy Second Tier (kWh)	1,432	0.121	173.33	1,432	0.121	173.33	0.00	0.00%	40.80%	
<b>Sub-Total: Energy (RPP)</b>			<b>250.58</b>			<b>250.58</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.99%</b>	
TOU-Off Peak	1,419	0.087	123.42	1,419	0.087	123.42	0.00	0.00%		29.71%
TOU-Mid Peak	371	0.132	48.97	371	0.132	48.97	0.00	0.00%		11.79%
TOU-On Peak	393	0.180	70.71	393	0.180	70.71	0.00	0.00%		17.02%
<b>Sub-Total: Energy (TOU)</b>			<b>243.11</b>			<b>243.11</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.23%</b>	<b>58.51%</b>
Service Charge	1	49.98	49.98	1	40.82	40.82	-9.16	-18.33%	9.61%	9.83%
Fixed Acquisition Agreement Rider	1	-0.74	-0.74	1	0.00	0.00	0.74	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	2,182	0.0156	34.05	2,182	0.0187	40.81	6.77	19.87%	9.61%	9.82%
Low Voltage Service Rate	2,182	0.0008	1.75	2,182	0.0000	0.00	-1.75	-100.00%	0.00%	0.00%
Volumetric Acquisition Agreement Rider	2,182	-0.0003	-0.65	2,182	0.0000	0.00	0.65	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>84.38</b>			<b>81.63</b>	<b>-2.75</b>	<b>-3.25%</b>	<b>19.22%</b>	<b>19.65%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.19%	0.19%
Line Losses on Cost of Power (based on two-tier RPP prices)	123	0.12	14.89	146	0.12	17.61	2.72	18.26%	4.15%	4.24%
Line Losses on Cost of Power (based on TOU prices)	123	0.11	13.71	146	0.11	16.22	2.50	18.26%	3.82%	3.90%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>100.06</b>			<b>100.04</b>	<b>-0.03</b>	<b>-0.03%</b>	<b>23.55%</b>	<b>24.08%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>98.88</b>			<b>98.64</b>	<b>-0.24</b>	<b>-0.24%</b>	<b>23.22%</b>	<b>23.74%</b>
Retail Transmission Rate – Network Service Rate	2,306	0.0063	14.53	2,328	0.0053	12.34	-2.19	-15.05%	2.90%	2.97%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,306	0.0031	7.15	2,328	0.0044	10.24	3.10	43.32%	2.41%	2.47%
<b>Sub-Total: Retail Transmission</b>			<b>21.67</b>			<b>22.58</b>	<b>0.91</b>	<b>4.20%</b>	<b>5.32%</b>	<b>5.44%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>121.73</b>			<b>122.62</b>	<b>0.88</b>	<b>0.73%</b>	<b>28.87%</b>	<b>29.51%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>120.55</b>			<b>121.22</b>	<b>0.67</b>	<b>0.55%</b>	<b>28.54%</b>	<b>29.18%</b>
Wholesale Market Service Rate	2,306	0.0036	8.30	2,328	0.0036	8.38	0.08	0.98%	1.97%	2.02%
Rural Rate Protection Charge	2,306	0.0021	4.84	2,328	0.0021	4.89	0.05	0.98%	1.15%	1.18%
Ontario Electricity Support Program Charge	2,306	0.0011	2.54	2,328	0.0011	2.56	0.02	0.98%	0.60%	0.62%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%	0.06%
<b>Sub-Total: Regulatory</b>			<b>15.93</b>			<b>16.08</b>	<b>0.15</b>	<b>0.96%</b>	<b>3.79%</b>	<b>3.87%</b>
<b>Debt Retirement Charge (DRC)</b>	2,182	0.007	15.28	2,182	0.007	15.28	0.00	0.00%	3.60%	3.68%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>403.52</b>			<b>404.56</b>	<b>1.04</b>	<b>0.26%</b>	<b>95.24%</b>	
HST		0.13	52.46		0.13	52.59	0.13	0.26%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>455.98</b>			<b>457.15</b>	<b>1.17</b>	<b>0.26%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-32.28		-0.08	-32.36	-0.08	0.26%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>423.69</b>			<b>424.78</b>	<b>1.09</b>	<b>0.26%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>394.86</b>			<b>395.68</b>	<b>0.82</b>	<b>0.21%</b>		<b>95.24%</b>
HST		0.13	51.33		0.13	51.44	0.11	0.21%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>446.19</b>			<b>447.12</b>	<b>0.93</b>	<b>0.21%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-31.59		-0.08	-31.65	-0.07	0.21%		-7.62%
<b>Total Amount on TOU</b>			<b>414.61</b>			<b>415.47</b>	<b>0.86</b>	<b>0.21%</b>		<b>100.00%</b>

**2021 Bill Impacts (Typical Consumption Level)**

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Rate Class	AGSe	NPDI_GS<50
Monthly Consumption (kWh)	2,000	2,000
Peak (kW)	0	0
Loss factor	1.0667	1.0564
Commodity Threshold	750	750
Monthly Consumption (kWh) - Uplifted	2133.4	2112.8
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	19.72%	
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	38.61%	
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.33%</b>	
TOU-Off Peak	1,300	0.087	113.10	1,300	0.087	113.10	0.00	0.00%		29.42%
TOU-Mid Peak	340	0.132	44.88	340	0.132	44.88	0.00	0.00%		11.68%
TOU-On Peak	360	0.180	64.80	360	0.180	64.80	0.00	0.00%		16.86%
<b>Sub-Total: Energy (TOU)</b>			<b>222.78</b>			<b>222.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.87%</b>	<b>57.95%</b>
Service Charge	1	49.98	49.98	1	40.82	40.82	-9.16	-18.33%	10.42%	10.62%
Fixed Acquisition Agreement Rider	1	-0.74	-0.74	1	0.00	0.00	0.74	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	2,000	0.0156	31.20	2,000	0.0187	37.40	6.20	19.87%	9.55%	9.73%
Low Voltage Service Rate	2,000	0.0008	1.60	2,000	0.0000	0.00	-1.60	-100.00%	0.00%	0.00%
Volumetric Acquisition Agreement Rider	2,000	-0.0003	-0.60	2,000	0.0000	0.00	0.60	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>81.44</b>			<b>78.22</b>	<b>-3.22</b>	<b>-3.95%</b>	<b>19.97%</b>	<b>20.35%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.20%	0.21%
Line Losses on Cost of Power (based on two-tier RPP prices)	113	0.12	13.65	133	0.12	16.14	2.49	18.26%	4.12%	4.20%
Line Losses on Cost of Power (based on TOU prices)	113	0.11	12.56	133	0.11	14.86	2.29	18.26%	3.79%	3.87%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>95.88</b>			<b>95.15</b>	<b>-0.73</b>	<b>-0.76%</b>	<b>24.29%</b>	<b>24.75%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>94.79</b>			<b>93.87</b>	<b>-0.93</b>	<b>-0.98%</b>	<b>23.96%</b>	<b>24.42%</b>
Retail Transmission Rate – Network Service Rate	2,113	0.0063	13.31	2,133	0.0053	11.31	-2.00	-15.05%	2.89%	2.94%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,113	0.0031	6.55	2,133	0.0044	9.39	2.84	43.32%	2.40%	2.44%
<b>Sub-Total: Retail Transmission</b>			<b>19.86</b>			<b>20.69</b>	<b>0.83</b>	<b>4.20%</b>	<b>5.28%</b>	<b>5.38%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>115.74</b>			<b>115.85</b>	<b>0.11</b>	<b>0.09%</b>	<b>29.57%</b>	<b>30.14%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>114.66</b>			<b>114.56</b>	<b>-0.09</b>	<b>-0.08%</b>	<b>29.24%</b>	<b>29.80%</b>
Wholesale Market Service Rate	2,113	0.0036	7.61	2,133	0.0036	7.68	0.07	0.98%	1.96%	2.00%
Rural Rate Protection Charge	2,113	0.0021	4.44	2,133	0.0021	4.48	0.04	0.98%	1.14%	1.17%
Ontario Electricity Support Program Charge	2,113	0.0011	2.32	2,133	0.0011	2.35	0.02	0.98%	0.60%	0.61%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%	0.07%
<b>Sub-Total: Regulatory</b>			<b>14.62</b>			<b>14.76</b>	<b>0.14</b>	<b>0.96%</b>	<b>3.77%</b>	<b>3.84%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	3.57%	3.64%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>372.86</b>			<b>373.10</b>	<b>0.25</b>	<b>0.07%</b>	<b>95.24%</b>	
HST		0.13	48.47		0.13	48.50	0.03	0.07%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>421.33</b>			<b>421.61</b>	<b>0.28</b>	<b>0.07%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-29.83		-0.08	-29.85	-0.02	0.07%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>391.50</b>			<b>391.76</b>	<b>0.26</b>	<b>0.07%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>366.05</b>			<b>366.10</b>	<b>0.05</b>	<b>0.01%</b>		<b>95.24%</b>
HST		0.13	47.59		0.13	47.59	0.01	0.01%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>413.64</b>			<b>413.69</b>	<b>0.05</b>	<b>0.01%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-29.28		-0.08	-29.29	0.00	0.01%		-7.62%
<b>Total Amount on TOU</b>			<b>384.35</b>			<b>384.41</b>	<b>0.05</b>	<b>0.01%</b>		<b>100.00%</b>

**2021 Bill Impacts (High Consumption Level)**

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Rate Class	AGSe	NPDI GS<50
Monthly Consumption (kWh)	15,000	15,000
Peak (kW)	0	0
Loss factor	1.0667	1.0564
Commodity Threshold	750	750
Monthly Consumption (kWh) - Uplifted	16000.5	15846
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	2.81%	
Energy Second Tier (kWh)	14,250	0.121	1,724.25	14,250	0.121	1,724.25	0.00	0.00%	62.82%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,801.50</b>			<b>1,801.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>65.64%</b>	
TOU-Off Peak	9,750	0.087	848.25	9,750	0.087	848.25	0.00	0.00%		32.66%
TOU-Mid Peak	2,550	0.132	336.60	2,550	0.132	336.60	0.00	0.00%		12.96%
TOU-On Peak	2,700	0.180	486.00	2,700	0.180	486.00	0.00	0.00%		18.71%
<b>Sub-Total: Energy (TOU)</b>			<b>1,670.85</b>			<b>1,670.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>60.88%</b>	<b>64.33%</b>
Service Charge	1	49.98	49.98	1	40.82	40.82	-9.16	-18.33%	1.49%	1.57%
Fixed Acquisition Agreement Rider	1	-0.74	-0.74	1	0.00	0.00	0.74	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	15,000	0.0156	234.00	15,000	0.0187	280.50	46.50	19.87%	10.22%	10.80%
Low Voltage Service Rate	15,000	0.0008	12.00	15,000	0.0000	0.00	-12.00	-100.00%	0.00%	0.00%
Volumetric Acquisition Agreement Rider	15,000	-0.0003	-4.50	15,000	0.0000	0.00	4.50	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>290.74</b>			<b>321.32</b>	<b>30.58</b>	<b>10.52%</b>	<b>11.71%</b>	<b>12.37%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.03%	0.03%
Line Losses on Cost of Power (based on two-tier RPP prices)	846	0.12	102.37	1,001	0.12	121.06	18.69	18.26%	4.41%	4.66%
Line Losses on Cost of Power (based on TOU prices)	846	0.11	94.24	1,001	0.11	111.45	17.21	18.26%	4.06%	4.29%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>393.90</b>			<b>443.17</b>	<b>49.27</b>	<b>12.51%</b>	<b>16.15%</b>	<b>17.06%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>385.77</b>			<b>433.56</b>	<b>47.79</b>	<b>12.39%</b>	<b>15.80%</b>	<b>16.69%</b>
Retail Transmission Rate – Network Service Rate	15,846	0.0063	99.83	16,001	0.0053	84.80	-15.03	-15.05%	3.09%	3.26%
Retail Transmission Rate – Line and Transformation Connection Service Rate	15,846	0.0031	49.12	16,001	0.0044	70.40	21.28	43.32%	2.57%	2.71%
<b>Sub-Total: Retail Transmission</b>			<b>148.95</b>			<b>155.20</b>	<b>6.25</b>	<b>4.20%</b>	<b>5.65%</b>	<b>5.98%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>542.85</b>			<b>598.38</b>	<b>55.53</b>	<b>10.23%</b>	<b>21.80%</b>	<b>23.04%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>534.72</b>			<b>588.76</b>	<b>54.04</b>	<b>10.11%</b>	<b>21.45%</b>	<b>22.67%</b>
Wholesale Market Service Rate	15,846	0.0036	57.05	16,001	0.0036	57.60	0.56	0.98%	2.10%	2.22%
Rural Rate Protection Charge	15,846	0.0021	33.28	16,001	0.0021	33.60	0.32	0.98%	1.22%	1.29%
Ontario Electricity Support Program Charge	15,846	0.0011	17.43	16,001	0.0011	17.60	0.17	0.98%	0.64%	0.68%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Regulatory</b>			<b>108.00</b>			<b>109.05</b>	<b>1.05</b>	<b>0.97%</b>	<b>3.97%</b>	<b>4.20%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.83%</b>	<b>4.04%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>2,557.35</b>			<b>2,613.93</b>	<b>56.58</b>	<b>2.21%</b>	<b>95.24%</b>	
HST		0.13	332.46		0.13	339.81	7.36	2.21%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>2,889.81</b>			<b>2,953.74</b>	<b>63.93</b>	<b>2.21%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-204.59		-0.08	-209.11	-4.53	2.21%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>2,685.22</b>			<b>2,744.63</b>	<b>59.41</b>	<b>2.21%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>2,418.57</b>			<b>2,473.66</b>	<b>55.09</b>	<b>2.28%</b>		<b>95.24%</b>
HST		0.13	314.41		0.13	321.58	7.16	2.28%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>2,732.99</b>			<b>2,795.24</b>	<b>62.25</b>	<b>2.28%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-193.49		-0.08	-197.89	-4.41	2.28%		-7.62%
<b>Total Amount on TOU</b>			<b>2,539.50</b>			<b>2,597.35</b>	<b>57.85</b>	<b>2.28%</b>		<b>100.00%</b>

**2021 Bill Impacts (Low Consumption Level)**

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Rate Class	AGSe	HCHI_GS<50
Monthly Consumption (kWh)	1000	1000
Peak (kW)	0	0
Loss factor	1.0667	1.0655
Commodity Threshold	750	750
Monthly Consumption (kWh) - Uplifted	1066.7	1065.5
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	36.65%	
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	14.35%	
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.00%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		26.40%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		10.48%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		15.13%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>52.85%</b>	<b>52.01%</b>
Service Charge	1	26.94	26.94	1	40.82	40.82	13.88	51.52%	19.37%	19.06%
Fixed Acquisition Agreement Rider	1	-0.27	-0.27	1	0.00	0.00	0.27	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	1,000	0.019	19.00	1,000	0.0187	18.70	-0.30	-1.58%	8.87%	8.73%
Low Voltage Service Rate	1,000	0.0004	0.40	1,000	0.0000	0.00	-0.40	-100.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,000	-0.0002	-0.20	1,000	0.0000	0.00	0.20	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>45.87</b>			<b>59.52</b>	<b>13.65</b>	<b>29.76%</b>	<b>28.24%</b>	<b>27.79%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.37%	0.37%
Line Losses on Cost of Power (based on two-tier RPP prices)	66	0.12	7.93	67	0.12	8.07	0.15	1.83%	3.83%	3.77%
Line Losses on Cost of Power (based on TOU prices)	66	0.11	7.30	67	0.11	7.43	0.13	1.83%	3.53%	3.47%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>54.59</b>			<b>68.38</b>	<b>13.80</b>	<b>25.27%</b>	<b>32.44%</b>	<b>31.93%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>53.96</b>			<b>67.74</b>	<b>13.78</b>	<b>25.55%</b>	<b>32.14%</b>	<b>31.63%</b>
Retail Transmission Rate – Network Service Rate	1,066	0.0059	6.26	1,067	0.0053	5.65	-0.60	-9.62%	2.68%	2.64%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,066	0.0050	5.33	1,067	0.0044	4.69	-0.63	-11.89%	2.23%	2.19%
<b>Sub-Total: Retail Transmission</b>			<b>11.58</b>			<b>10.35</b>	<b>-1.23</b>	<b>-10.66%</b>	<b>4.91%</b>	<b>4.83%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>66.17</b>			<b>78.73</b>	<b>12.56</b>	<b>18.98%</b>	<b>37.35%</b>	<b>36.76%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>65.54</b>			<b>78.09</b>	<b>12.55</b>	<b>19.15%</b>	<b>37.05%</b>	<b>36.46%</b>
Wholesale Market Service Rate	1,066	0.0036	3.84	1,067	0.0036	3.84	0.00	0.11%	1.82%	1.79%
Rural Rate Protection Charge	1,066	0.0021	2.24	1,067	0.0021	2.24	0.00	0.11%	1.06%	1.05%
Ontario Electricity Support Program Charge	1,066	0.0011	1.17	1,067	0.0011	1.17	0.00	0.11%	0.56%	0.55%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.12%	0.12%
<b>Sub-Total: Regulatory</b>			<b>7.50</b>			<b>7.50</b>	<b>0.01</b>	<b>0.11%</b>	<b>3.56%</b>	<b>3.50%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	<b>7.00</b>	1,000	0.007	<b>7.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.32%</b>	<b>3.27%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>188.16</b>			<b>200.73</b>	<b>12.57</b>	<b>6.68%</b>	<b>95.24%</b>	
HST		0.13	24.46		0.13	26.10	1.63	6.68%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>212.62</b>			<b>226.83</b>	<b>14.20</b>	<b>6.68%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-15.05		-0.08	-16.06	-1.01	6.68%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>197.57</b>			<b>210.77</b>	<b>13.20</b>	<b>6.68%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>191.42</b>			<b>203.98</b>	<b>12.56</b>	<b>6.56%</b>		<b>95.24%</b>
HST		0.13	24.89		0.13	26.52	1.63	6.56%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>216.31</b>			<b>230.50</b>	<b>14.19</b>	<b>6.56%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-15.31		-0.08	-16.32	-1.00	6.56%	-7.62%	
<b>Total Amount on TOU</b>			<b>200.99</b>			<b>214.18</b>	<b>13.18</b>	<b>6.56%</b>		<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	AGSe	HCHI_GS<50
Monthly Consumption (kWh)	1,819	1,819
Peak (kW)	0	0
Loss factor	1.0667	1.0655
Commodity Threshold	750	750
Monthly Consumption (kWh) - Uplifted	1,941	1,939
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	21.51%	
Energy Second Tier (kWh)	1,069	0.121	129.40	1,069	0.121	129.40	0.00	0.00%	36.04%	
<b>Sub-Total: Energy (RPP)</b>			<b>206.65</b>			<b>206.65</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.55%</b>	
TOU-Off Peak	1,183	0.087	102.89	1,183	0.087	102.89	0.00	0.00%		29.09%
TOU-Mid Peak	309	0.132	40.83	309	0.132	40.83	0.00	0.00%		11.54%
TOU-On Peak	327	0.180	58.95	327	0.180	58.95	0.00	0.00%		16.67%
<b>Sub-Total: Energy (TOU)</b>			<b>202.67</b>			<b>202.67</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.44%</b>	<b>57.30%</b>
Service Charge	1	26.94	26.94	1	40.82	40.82	13.88	51.52%	11.37%	11.54%
Fixed Acquisition Agreement Rider	1	-0.27	-0.27	1	0.00	0.00	0.27	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	1,819	0.019	34.57	1,819	0.0187	34.02	-0.55	-1.58%	9.48%	9.62%
Low Voltage Service Rate	1,819	0.0004	0.73	1,819	0.0000	0.00	-0.73	-100.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,819	-0.0002	-0.36	1,819	0.0000	0.00	0.36	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>61.60</b>			<b>74.84</b>	<b>13.24</b>	<b>21.49%</b>	<b>20.84%</b>	<b>21.16%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.22%	0.22%
Line Losses on Cost of Power (based on two-tier RPP prices)	119	0.12	14.42	121	0.12	14.68	0.26	1.83%	4.09%	4.15%
Line Losses on Cost of Power (based on TOU prices)	119	0.11	13.27	121	0.11	13.52	0.24	1.83%	3.76%	3.82%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>76.81</b>			<b>90.32</b>	<b>13.50</b>	<b>17.58%</b>	<b>25.15%</b>	<b>25.54%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>75.67</b>			<b>89.15</b>	<b>13.48</b>	<b>17.82%</b>	<b>24.83%</b>	<b>25.21%</b>
Retail Transmission Rate – Network Service Rate	1,939	0.0059	11.38	1,941	0.0053	10.29	-1.09	-9.62%	2.86%	2.91%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,939	0.0050	9.69	1,941	0.0044	8.54	-1.15	-11.89%	2.38%	2.41%
<b>Sub-Total: Retail Transmission</b>			<b>21.07</b>			<b>18.83</b>	<b>-2.25</b>	<b>-10.66%</b>	<b>5.24%</b>	<b>5.32%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>97.89</b>			<b>109.14</b>	<b>11.26</b>	<b>11.50%</b>	<b>30.40%</b>	<b>30.86%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>96.74</b>			<b>107.98</b>	<b>11.24</b>	<b>11.62%</b>	<b>30.07%</b>	<b>30.53%</b>
Wholesale Market Service Rate	1,939	0.0036	6.98	1,941	0.0036	6.99	0.01	0.11%	1.95%	1.98%
Rural Rate Protection Charge	1,939	0.0021	4.07	1,941	0.0021	4.08	0.00	0.11%	1.14%	1.15%
Ontario Electricity Support Program Charge	1,939	0.0011	2.13	1,941	0.0011	2.13	0.00	0.11%	0.59%	0.60%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.07%	0.07%
<b>Sub-Total: Regulatory</b>			<b>13.43</b>			<b>13.45</b>	<b>0.01</b>	<b>0.11%</b>	<b>3.74%</b>	<b>3.80%</b>
<b>Debt Retirement Charge (DRC)</b>	1,819	0.007	12.74	1,819	0.007	12.74	0.00	0.00%	3.55%	3.60%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>330.71</b>			<b>341.98</b>	<b>11.27</b>	<b>3.41%</b>	<b>95.24%</b>	
HST		0.13	42.99		0.13	44.46	1.47	3.41%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>373.70</b>			<b>386.44</b>	<b>12.74</b>	<b>3.41%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-26.46		-0.08	-27.36	-0.90	3.41%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>347.24</b>			<b>359.08</b>	<b>11.84</b>	<b>3.41%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>325.58</b>			<b>336.83</b>	<b>11.25</b>	<b>3.46%</b>		<b>95.24%</b>
HST		0.13	42.32		0.13	43.79	1.46	3.46%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>367.90</b>			<b>380.62</b>	<b>12.71</b>	<b>3.46%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-26.05		-0.08	-26.95	-0.90	3.46%	-7.62%	
<b>Total Amount on TOU</b>			<b>341.86</b>			<b>353.67</b>	<b>11.81</b>	<b>3.46%</b>		<b>100.00%</b>

**2021 Bill Impacts (Typical Consumption Level)**

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Rate Class	AGSe	HCHI_GS<50
Monthly Consumption (kWh)	2,000	2,000
Peak (kW)	0	0
Loss factor	1.0667	1.0655
Commodity Threshold	750	750
Monthly Consumption (kWh) - Uplifted	2133.4	2131
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	19.72%	
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	38.61%	
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.33%</b>	
TOU-Off Peak	1,300	0.087	113.10	1,300	0.087	113.10	0.00	0.00%		29.42%
TOU-Mid Peak	340	0.132	44.88	340	0.132	44.88	0.00	0.00%		11.68%
TOU-On Peak	360	0.180	64.80	360	0.180	64.80	0.00	0.00%		16.86%
<b>Sub-Total: Energy (TOU)</b>			<b>222.78</b>			<b>222.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.87%</b>	<b>57.95%</b>
Service Charge	1	26.94	26.94	1	40.82	40.82	13.88	51.52%	10.42%	10.62%
Fixed Acquisition Agreement Rider	1	-0.27	-0.27	1	0.00	0.00	0.27	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	2,000	0.019	38.00	2,000	0.0187	37.40	-0.60	-1.58%	9.55%	9.73%
Low Voltage Service Rate	2,000	0.0004	0.80	2,000	0.0000	0.00	-0.80	-100.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	2,000	-0.0002	-0.40	2,000	0.0000	0.00	0.40	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>65.07</b>			<b>78.22</b>	<b>13.15</b>	<b>20.21%</b>	<b>19.97%</b>	<b>20.35%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.20%	0.21%
Line Losses on Cost of Power (based on two-tier RPP prices)	131	0.12	15.85	133	0.12	16.14	0.29	1.83%	4.12%	4.20%
Line Losses on Cost of Power (based on TOU prices)	131	0.11	14.59	133	0.11	14.86	0.27	1.83%	3.79%	3.87%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>81.71</b>			<b>95.15</b>	<b>13.44</b>	<b>16.45%</b>	<b>24.29%</b>	<b>24.75%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>80.45</b>			<b>93.87</b>	<b>13.42</b>	<b>16.68%</b>	<b>23.96%</b>	<b>24.42%</b>
Retail Transmission Rate – Network Service Rate	2,131	0.0059	12.51	2,133	0.0053	11.31	-1.20	-9.62%	2.89%	2.94%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,131	0.0050	10.65	2,133	0.0044	9.39	-1.27	-11.89%	2.40%	2.44%
<b>Sub-Total: Retail Transmission</b>			<b>23.16</b>			<b>20.69</b>	<b>-2.47</b>	<b>-10.66%</b>	<b>5.28%</b>	<b>5.38%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>104.87</b>			<b>115.85</b>	<b>10.97</b>	<b>10.46%</b>	<b>29.57%</b>	<b>30.14%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>103.62</b>			<b>114.56</b>	<b>10.95</b>	<b>10.57%</b>	<b>29.24%</b>	<b>29.80%</b>
Wholesale Market Service Rate	2,131	0.0036	7.67	2,133	0.0036	7.68	0.01	0.11%	1.96%	2.00%
Rural Rate Protection Charge	2,131	0.0021	4.48	2,133	0.0021	4.48	0.01	0.11%	1.14%	1.17%
Ontario Electricity Support Program Charge	2,131	0.0011	2.34	2,133	0.0011	2.35	0.00	0.11%	0.60%	0.61%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%	0.07%
<b>Sub-Total: Regulatory</b>			<b>14.74</b>			<b>14.76</b>	<b>0.02</b>	<b>0.11%</b>	<b>3.77%</b>	<b>3.84%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	3.57%	3.64%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>362.12</b>			<b>373.10</b>	<b>10.99</b>	<b>3.03%</b>	<b>95.24%</b>	
HST		0.13	47.08		0.13	48.50	1.43	3.03%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>409.19</b>			<b>421.61</b>	<b>12.42</b>	<b>3.03%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-28.97		-0.08	-29.85	-0.88	3.03%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>380.22</b>			<b>391.76</b>	<b>11.54</b>	<b>3.03%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>355.14</b>			<b>366.10</b>	<b>10.96</b>	<b>3.09%</b>		<b>95.24%</b>
HST		0.13	46.17		0.13	47.59	1.43	3.09%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>401.30</b>			<b>413.69</b>	<b>12.39</b>	<b>3.09%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-28.41		-0.08	-29.29	-0.88	3.09%		-7.62%
<b>Total Amount on TOU</b>			<b>372.89</b>			<b>384.41</b>	<b>11.51</b>	<b>3.09%</b>		<b>100.00%</b>

**2021 Bill Impacts (High Consumption Level)**

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Rate Class	AGSe	HCHI_GS<50
Monthly Consumption (kWh)	15,000	15,000
Peak (kW)	0	0
Loss factor	1.0667	1.0655
Commodity Threshold	750	750
Monthly Consumption (kWh) - Uplifted	16000.5	15982.5
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	2.81%	
Energy Second Tier (kWh)	14,250	0.121	1,724.25	14,250	0.121	1,724.25	0.00	0.00%	62.82%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,801.50</b>			<b>1,801.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>65.64%</b>	
TOU-Off Peak	9,750	0.087	848.25	9,750	0.087	848.25	0.00	0.00%		32.66%
TOU-Mid Peak	2,550	0.132	336.60	2,550	0.132	336.60	0.00	0.00%		12.96%
TOU-On Peak	2,700	0.180	486.00	2,700	0.180	486.00	0.00	0.00%		18.71%
<b>Sub-Total: Energy (TOU)</b>			<b>1,670.85</b>			<b>1,670.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>60.88%</b>	<b>64.33%</b>
Service Charge	1	26.94	26.94	1	40.82	40.82	13.88	51.52%	1.49%	1.57%
Fixed Acquisition Agreement Rider	1	-0.27	-0.27	1	0.00	0.00	0.27	-100.00%	0.00%	0.00%
Distribution Volumetric Rate	15,000	0.019	285.00	15,000	0.0187	280.50	-4.50	-1.58%	10.22%	10.80%
Low Voltage Service Rate	15,000	0.0004	6.00	15,000	0.0000	0.00	-6.00	-100.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	15,000	-0.0002	-3.00	15,000	0.0000	0.00	3.00	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>314.67</b>			<b>321.32</b>	<b>6.65</b>	<b>2.11%</b>	<b>11.71%</b>	<b>12.37%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.03%	0.03%
Line Losses on Cost of Power (based on two-tier RPP prices)	982	0.12	118.88	1,001	0.12	121.06	2.18	1.83%	4.41%	4.66%
Line Losses on Cost of Power (based on TOU prices)	982	0.11	109.44	1,001	0.11	111.45	2.01	1.83%	4.06%	4.29%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>434.34</b>			<b>443.17</b>	<b>8.83</b>	<b>2.03%</b>	<b>16.15%</b>	<b>17.06%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>424.90</b>			<b>433.56</b>	<b>8.66</b>	<b>2.04%</b>	<b>15.80%</b>	<b>16.69%</b>
Retail Transmission Rate – Network Service Rate	15,983	0.0059	93.83	16,001	0.0053	84.80	-9.03	-9.62%	3.09%	3.26%
Retail Transmission Rate – Line and Transformation Connection Service Rate	15,983	0.0050	79.90	16,001	0.0044	70.40	-9.50	-11.89%	2.57%	2.71%
<b>Sub-Total: Retail Transmission</b>			<b>173.73</b>			<b>155.20</b>	<b>-18.52</b>	<b>-10.66%</b>	<b>5.65%</b>	<b>5.98%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>608.07</b>			<b>598.38</b>	<b>-9.70</b>	<b>-1.59%</b>	<b>21.80%</b>	<b>23.04%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>598.63</b>			<b>588.76</b>	<b>-9.87</b>	<b>-1.65%</b>	<b>21.45%</b>	<b>22.67%</b>
Wholesale Market Service Rate	15,983	0.0036	57.54	16,001	0.0036	57.60	0.06	0.11%	2.10%	2.22%
Rural Rate Protection Charge	15,983	0.0021	33.56	16,001	0.0021	33.60	0.04	0.11%	1.22%	1.29%
Ontario Electricity Support Program Charge	15,983	0.0011	17.58	16,001	0.0011	17.60	0.02	0.11%	0.64%	0.68%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Regulatory</b>			<b>108.93</b>			<b>109.05</b>	<b>0.12</b>	<b>0.11%</b>	<b>3.97%</b>	<b>4.20%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.83%	4.04%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>2,623.50</b>			<b>2,613.93</b>	<b>-9.57</b>	<b>-0.36%</b>	<b>95.24%</b>	
HST		0.13	341.06		0.13	339.81	-1.24	-0.36%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>2,964.56</b>			<b>2,953.74</b>	<b>-10.82</b>	<b>-0.36%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-209.88		-0.08	-209.11	0.77	-0.36%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>2,754.68</b>			<b>2,744.63</b>	<b>-10.05</b>	<b>-0.36%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>2,483.41</b>			<b>2,473.66</b>	<b>-9.75</b>	<b>-0.39%</b>		<b>95.24%</b>
HST		0.13	322.84		0.13	321.58	-1.27	-0.39%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>2,806.25</b>			<b>2,795.24</b>	<b>-11.01</b>	<b>-0.39%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-198.67		-0.08	-197.89	0.78	-0.39%		-7.62%
<b>Total Amount on TOU</b>			<b>2,607.58</b>			<b>2,597.35</b>	<b>-10.23</b>	<b>-0.39%</b>		<b>100.00%</b>

**2021 Bill Impacts (Low Consumption Level)**

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Rate Class	AGSd	NPDI_GS >50
Monthly Consumption (kWh)	15,000	15,000
Peak (kW)	60	60
Loss factor	1.0563	1.0564
Load factor	34%	34%
Commodity Threshold	0	0
Monthly Consumption (kWh) - Uplifted	15,845	15,846
Charge determinant	kW	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,846	0.103	1,632.14	15,845	0.103	1,631.98	-0.15	-0.01%	56.34%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,632.14</b>			<b>1,631.98</b>	<b>-0.15</b>	<b>-0.01%</b>	<b>56.34%</b>
Service Charge	1	245.55	245.55	1	208.51	208.51	-37.04	-15.08%	7.20%
Fixed Acquisition Agreement Rider	1	-3.61	-3.61	1	0.00	0.00	3.61	-100.00%	0.00%
Distribution Volumetric Rate	60	3.9602	237.61	60	5.1400	308.40	70.79	29.79%	10.65%
Low Voltage Service Rate	60	0.3050	18.30	60	0.0000	0.00	-18.30	-100.00%	0.00%
Volumetric Acquisition Agreement Rider	60	-0.0583	-3.50	60	0.0000	0.00	3.50	-100.00%	0.00%
<b>Sub-Total: Distribution</b>			<b>494.35</b>			<b>516.91</b>	<b>22.56</b>	<b>4.56%</b>	<b>17.85%</b>
Retail Transmission Rate – Network Service Rate	60	2.5454	152.72	60	1.8483	110.90	-41.83	-27.39%	3.83%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.2385	74.31	60	1.5101	90.61	16.30	21.93%	3.13%
<b>Sub-Total: Retail Transmission</b>			<b>227.03</b>			<b>201.50</b>	<b>-25.53</b>	<b>-11.25%</b>	<b>6.96%</b>
<b>Sub-Total: Delivery</b>			<b>721.39</b>			<b>718.41</b>	<b>-2.97</b>	<b>-0.41%</b>	<b>24.80%</b>
Wholesale Market Service Rate	15,846	0.0036	57.05	15,845	0.0036	57.04	-0.01	-0.01%	1.97%
Rural Rate Protection Charge	15,846	0.0021	33.28	15,845	0.0021	33.27	0.00	-0.01%	1.15%
Ontario Electricity Support Program Charge	15,846	0.0011	17.43	15,845	0.0011	17.43	0.00	-0.01%	0.60%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>108.00</b>			<b>107.99</b>	<b>-0.01</b>	<b>-0.01%</b>	<b>3.73%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.62%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>2,566.53</b>			<b>2,563.39</b>	<b>-3.14</b>	<b>-0.12%</b>	<b>88.50%</b>
HST		0.13	333.65		0.13	333.24	-0.41	-0.12%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>2,900.18</b>			<b>2,896.63</b>	<b>-3.55</b>	<b>-0.12%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>2,900.18</b>			<b>2,896.63</b>	<b>-3.55</b>	<b>-0.12%</b>	<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	AGSd	NPDI GS >50
Monthly Consumption (kWh)	57,223	57,223
Peak (kW)	161	161
Loss factor	1.0563	1.0564
Load factor	49%	49%
Commodity Threshold	0	0
Monthly Consumption (kWh) - Uplifted	60,444	60,450
Charge determinant	kW	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	60,450	0.103	6,226.36	60,444	0.103	6,225.77	-0.59	-0.01%	63.96%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>6,226.36</b>			<b>6,225.77</b>	<b>-0.59</b>	<b>-0.01%</b>	<b>63.96%</b>
Service Charge	1	245.55	245.55	1	208.51	208.51	-37.04	-15.08%	2.14%
Fixed Acquisition Agreement Rider	1	-3.61	-3.61	1	0.00	0.00	3.61	-100.00%	0.00%
Distribution Volumetric Rate	161	3.9602	637.41	161	5.1400	827.30	189.89	29.79%	8.50%
Low Voltage Service Rate	161	0.3050	49.09	161	0.0000	0.00	-49.09	-100.00%	0.00%
Volumetric Acquisition Agreement Rider	161	-0.0583	-9.38	161	0.0000	0.00	9.38	-100.00%	0.00%
<b>Sub-Total: Distribution</b>			<b>919.05</b>			<b>1,035.81</b>	<b>116.76</b>	<b>12.70%</b>	<b>10.64%</b>
Retail Transmission Rate – Network Service Rate	161	2.5454	409.69	161	1.8483	297.49	-112.20	-27.39%	3.06%
Retail Transmission Rate – Line and Transformation Connection Service Rate	161	1.2385	199.34	161	1.5101	243.06	43.71	21.93%	2.50%
<b>Sub-Total: Retail Transmission</b>			<b>609.03</b>			<b>540.55</b>	<b>-68.49</b>	<b>-11.25%</b>	<b>5.55%</b>
<b>Sub-Total: Delivery</b>			<b>1,528.09</b>			<b>1,576.36</b>	<b>48.27</b>	<b>3.16%</b>	<b>16.19%</b>
Wholesale Market Service Rate	60,450	0.0036	217.62	60,444	0.0036	217.60	-0.02	-0.01%	2.24%
Rural Rate Protection Charge	60,450	0.0021	126.95	60,444	0.0021	126.93	-0.01	-0.01%	1.30%
Ontario Electricity Support Program Charge	60,450	0.0011	66.50	60,444	0.0011	66.49	-0.01	-0.01%	0.68%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>411.31</b>			<b>411.27</b>	<b>-0.04</b>	<b>-0.01%</b>	<b>4.23%</b>
<b>Debt Retirement Charge (DRC)</b>	57,223	0.007	<b>400.56</b>	57,223	0.007	<b>400.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.12%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>8,566.31</b>			<b>8,613.95</b>	<b>47.64</b>	<b>0.56%</b>	<b>88.50%</b>
HST		0.13	1,113.62		0.13	1,119.81	6.19	0.56%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>9,679.93</b>			<b>9,733.77</b>	<b>53.84</b>	<b>0.56%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>9,679.93</b>			<b>9,733.77</b>	<b>53.84</b>	<b>0.56%</b>	<b>100.00%</b>

**2021 Bill Impacts (High Consumption Level)**

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Rate Class	AGSd	NPDI_GS >50
Monthly Consumption (kWh)	175,000	175,000
Peak (kW)	500	500
Loss factor	1.056	1.056
Load factor	48%	48%
Commodity Threshold	0	0
Monthly Consumption (kWh) - Uplifted	184,853	184,870
Charge determinant	kW	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	184,870	0.103	19,041.61	184,853	0.103	19,039.81	-1.80	-0.01%	64.86%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>19,041.61</b>			<b>19,039.81</b>	<b>-1.80</b>	<b>-0.01%</b>	<b>64.86%</b>
Service Charge	1	245.55	245.55	1	208.51	208.51	-37.04	-15.08%	0.71%
Fixed Acquisition Agreement Rider	1	-3.61	-3.61	1	0.00	0.00	3.61	-100.00%	0.00%
Distribution Volumetric Rate	500	3.9602	1,980.10	500	5.1400	2,570.00	589.90	29.79%	8.75%
Low Voltage Service Rate	500	0.3050	152.50	500	0.0000	0.00	-152.50	-100.00%	0.00%
Volumetric Acquisition Agreement Rider	500	-0.0583	-29.15	500	0.0000	0.00	29.15	-100.00%	0.00%
<b>Sub-Total: Distribution</b>			<b>2,345.39</b>			<b>2,778.51</b>	<b>433.12</b>	<b>18.47%</b>	<b>9.46%</b>
Retail Transmission Rate – Network Service Rate	500	2.5454	1,272.70	500	1.8483	924.15	-348.55	-27.39%	3.15%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.2385	619.25	500	1.5101	755.05	135.80	21.93%	2.57%
<b>Sub-Total: Retail Transmission</b>			<b>1,891.95</b>			<b>1,679.20</b>	<b>-212.75</b>	<b>-11.25%</b>	<b>5.72%</b>
<b>Sub-Total: Delivery</b>			<b>4,237.34</b>			<b>4,457.71</b>	<b>220.37</b>	<b>5.20%</b>	<b>15.18%</b>
Wholesale Market Service Rate	184,870	0.0036	665.53	184,853	0.0036	665.47	-0.06	-0.01%	2.27%
Rural Rate Protection Charge	184,870	0.0021	388.23	184,853	0.0021	388.19	-0.04	-0.01%	1.32%
Ontario Electricity Support Program Charge	184,870	0.0011	203.36	184,853	0.0011	203.34	-0.02	-0.01%	0.69%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,257.37</b>			<b>1,257.25</b>	<b>-0.12</b>	<b>-0.01%</b>	<b>4.28%</b>
<b>Debt Retirement Charge (DRC)</b>	175,000	0.007	<b>1,225.00</b>	175,000	0.007	<b>1,225.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.17%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>25,761.32</b>			<b>25,979.76</b>	<b>218.45</b>	<b>0.85%</b>	<b>88.50%</b>
HST		0.13	3,348.97		0.13	3,377.37	28.40	0.85%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>29,110.29</b>			<b>29,357.13</b>	<b>246.85</b>	<b>0.85%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>29,110.29</b>			<b>29,357.13</b>	<b>246.85</b>	<b>0.85%</b>	<b>100.00%</b>

**2021 Bill Impacts (Low Consumption Level)**

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Rate Class	AGSd	HCHI_GS >50
Monthly Consumption (kWh)	15,000	15,000
Peak (kW)	60	60
Loss factor	1.056	1.066
Load factor	34%	34%
Commodity Threshold	0	750
Monthly Consumption (kWh) - Uplifted	15,845	15,983
Charge determinant	kW	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,983	0.103	1,646.20	15,845	0.103	1,631.98	-14.21	-0.86%	56.34%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,646.20</b>			<b>1,631.98</b>	<b>-14.21</b>	<b>-0.86%</b>	<b>56.34%</b>
Service Charge	1	83.61	83.61	1	208.51	208.51	124.90	149.38%	7.20%
Fixed Acquisition Agreement Rider	1	-0.84	-0.84	1	0.00	0.00	0.84	-100.00%	0.00%
Distribution Volumetric Rate	60	3.9339	236.03	60	5.1400	308.40	72.37	30.66%	10.65%
Low Voltage Service Rate	60	0.1550	9.30	60	0.0000	0.00	-9.30	-100.00%	0.00%
Volumetric Acquisition Agreement Rider	60	-0.0393	-2.36	60	0.0000	0.00	2.36	-100.00%	0.00%
<b>Sub-Total: Distribution</b>			<b>325.75</b>			<b>516.91</b>	<b>191.16</b>	<b>58.68%</b>	<b>17.85%</b>
Retail Transmission Rate – Network Service Rate	60	2.5038	150.23	60	1.8483	110.90	-39.33	-26.18%	3.83%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	2.1172	127.03	60	1.5101	90.61	-36.43	-28.68%	3.13%
<b>Sub-Total: Retail Transmission</b>			<b>277.26</b>			<b>201.50</b>	<b>-75.76</b>	<b>-27.32%</b>	<b>6.96%</b>
<b>Sub-Total: Delivery</b>			<b>603.01</b>			<b>718.41</b>	<b>115.40</b>	<b>19.14%</b>	<b>24.80%</b>
Wholesale Market Service Rate	15,983	0.0036	57.54	15,845	0.0036	57.04	-0.50	-0.86%	1.97%
Rural Rate Protection Charge	15,983	0.0021	33.56	15,845	0.0021	33.27	-0.29	-0.86%	1.15%
Ontario Electricity Support Program Charge	15,983	0.0011	17.58	15,845	0.0011	17.43	-0.15	-0.86%	0.60%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>108.93</b>			<b>107.99</b>	<b>-0.94</b>	<b>-0.86%</b>	<b>3.73%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.62%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>2,463.14</b>			<b>2,563.39</b>	<b>100.25</b>	<b>4.07%</b>	<b>88.50%</b>
HST		0.13	320.21		0.13	333.24	13.03	4.07%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>2,783.35</b>			<b>2,896.63</b>	<b>113.28</b>	<b>4.07%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>2,783.35</b>			<b>2,896.63</b>	<b>113.28</b>	<b>4.07%</b>	<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	AGSd	HCHI_GS >50
Monthly Consumption (kWh)	50,917	50,917
Peak (kW)	143	143
Loss factor	1.0563	1.0655
Load factor	49%	49%
Commodity Threshold	0	0
Monthly Consumption (kWh) - Uplifted	53,783	54,252
Charge determinant	kW	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	54,252	0.103	5,587.91	53,783	0.103	5,539.66	-48.25	-0.86%	63.77%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>5,587.91</b>			<b>5,539.66</b>	<b>-48.25</b>	<b>-0.86%</b>	<b>63.77%</b>
Service Charge	1	83.61	83.61	1	208.51	208.51	124.90	149.38%	2.40%
Fixed Acquisition Agreement Rider	1	-0.84	-0.84	1	0.00	0.00	0.84	-100.00%	0.00%
Distribution Volumetric Rate	143	3.9339	563.40	143	5.1400	736.13	172.73	30.66%	8.47%
Low Voltage Service Rate	143	0.1550	22.20	143	0.0000	0.00	-22.20	-100.00%	0.00%
Volumetric Acquisition Agreement Rider	143	-0.0393	-5.63	143	0.0000	0.00	5.63	-100.00%	0.00%
<b>Sub-Total: Distribution</b>			<b>662.74</b>			<b>944.64</b>	<b>281.90</b>	<b>42.54%</b>	<b>10.87%</b>
Retail Transmission Rate – Network Service Rate	143	2.5038	358.59	143	1.8483	264.71	-93.88	-26.18%	3.05%
Retail Transmission Rate – Line and Transformation Connection Service Rate	143	2.1172	303.22	143	1.5101	216.27	-86.95	-28.68%	2.49%
<b>Sub-Total: Retail Transmission</b>			<b>661.81</b>			<b>480.98</b>	<b>-180.83</b>	<b>-27.32%</b>	<b>5.54%</b>
<b>Sub-Total: Delivery</b>			<b>1,324.55</b>			<b>1,425.61</b>	<b>101.07</b>	<b>7.63%</b>	<b>16.41%</b>
Wholesale Market Service Rate	54,252	0.0036	195.31	53,783	0.0036	193.62	-1.69	-0.86%	2.23%
Rural Rate Protection Charge	54,252	0.0021	113.93	53,783	0.0021	112.94	-0.98	-0.86%	1.30%
Ontario Electricity Support Program Charge	54,252	0.0011	59.68	53,783	0.0011	59.16	-0.52	-0.86%	0.68%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>369.16</b>			<b>365.98</b>	<b>-3.19</b>	<b>-0.86%</b>	<b>4.21%</b>
<b>Debt Retirement Charge (DRC)</b>	50,917	0.007	<b>356.42</b>	50,917	0.007	<b>356.42</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.10%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>7,638.04</b>			<b>7,687.67</b>	<b>49.63</b>	<b>0.65%</b>	<b>88.50%</b>
HST		0.13	992.94		0.13	999.40	6.45	0.65%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>8,630.98</b>			<b>8,687.07</b>	<b>56.09</b>	<b>0.65%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>8,630.98</b>			<b>8,687.07</b>	<b>56.09</b>	<b>0.65%</b>	<b>100.00%</b>

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Rate Class	AGSd	HCHI_GS >50
Monthly Consumption (kWh)	175,000	175,000
Peak (kW)	500	500
Loss factor	1.056	1.066
Load factor	48%	48%
Commodity Threshold	0	0
Monthly Consumption (kWh) - Uplifted	184,853	186,463
Charge determinant	kW	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	186,463	0.103	19,205.64	184,853	0.103	19,039.81	-165.83	-0.86%	64.86%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>19,205.64</b>			<b>19,039.81</b>	<b>-165.83</b>	<b>-0.86%</b>	<b>64.86%</b>
Service Charge	1	83.61	83.61	1	208.51	208.51	124.90	149.38%	0.71%
Fixed Acquisition Agreement Rider	1	-0.8400	-0.84	1	0.00	0.00	0.84	-100.00%	0.00%
Distribution Volumetric Rate	500	3.9339	1,966.95	500	5.1400	2,570.00	603.05	30.66%	8.75%
Low Voltage Service Rate	500	0.1550	77.50	500	0.0000	0.00	-77.50	-100.00%	0.00%
Volumetric Acquisition Agreement Rider	500	-0.0393	-19.65	500	0.0000	0.00	19.65	-100.00%	0.00%
<b>Sub-Total: Distribution</b>			<b>2,107.57</b>			<b>2,778.51</b>	<b>670.94</b>	<b>31.83%</b>	<b>9.46%</b>
Retail Transmission Rate – Network Service Rate	500	2.5038	1,251.92	500	1.8483	924.15	-327.77	-26.18%	3.15%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	2.1172	1,058.62	500	1.5101	755.05	-303.57	-28.68%	2.57%
<b>Sub-Total: Retail Transmission</b>			<b>2,310.54</b>			<b>1,679.20</b>	<b>-631.34</b>	<b>-27.32%</b>	<b>5.72%</b>
<b>Sub-Total: Delivery</b>			<b>2,107.57</b>			<b>4,457.71</b>	<b>2,350.14</b>	<b>111.51%</b>	<b>15.18%</b>
Wholesale Market Service Rate	186,463	0.0036	671.27	184,853	0.0036	665.47	-5.80	-0.86%	2.27%
Rural Rate Protection Charge	186,463	0.0021	391.57	184,853	0.0021	388.19	-3.38	-0.86%	1.32%
Ontario Electricity Support Program Charge	186,463	0.0011	205.11	184,853	0.0011	203.34	-1.77	-0.86%	0.69%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,268.20</b>			<b>1,257.25</b>	<b>-10.95</b>	<b>-0.86%</b>	<b>4.28%</b>
<b>Debt Retirement Charge (DRC)</b>	175,000	0.007	1,225.00	175,000	0.007	1,225.00	0.00	0.00%	4.17%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>26,116.94</b>			<b>25,979.76</b>	<b>-137.17</b>	<b>-0.53%</b>	<b>88.50%</b>
HST		0.13	3,395.20		0.13	3,377.37	-17.83	-0.53%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>29,512.14</b>			<b>29,357.13</b>	<b>-155.01</b>	<b>-0.53%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>29,512.14</b>			<b>29,357.13</b>	<b>-155.01</b>	<b>-0.53%</b>	<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	USL	WHSI_USL
Monthly Consumption (kWh)	1,545	1,545
Peak (kW)	0	0
Loss factor	1.092	1.043
Commodity Threshold	750	750
Monthly Consumption (kWh) - Uplifted	1,687	1,611
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	23.58%
Energy Second Tier (kWh)	795	0.121	96.18	795	0.121	96.18	0.00	0.00%	29.36%
<b>Sub-Total: Energy (RPP)</b>			<b>173.43</b>			<b>173.43</b>	<b>0.00</b>	<b>0.00%</b>	<b>52.95%</b>
Service Charge	1	10.53	10.53	1	37.50	37.50	26.97	256.13%	11.45%
Fixed Acquisition Agreement Rider	1	-0.11	-0.11	1	0.00	0.00	0.11	-100.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	-0.01	-0.01	-0.01	0.00%	0.00%
Distribution Volumetric Rate	1,545	0.0122	18.85	1,545	0.0304	46.96	28.12	149.18%	14.34%
Volumetric Acquisition Agreement Rider	1,545	-0.0001	-0.15	1,545	0.0000	0.00	0.15	-100.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,545	0.0000	0.00		0.0002	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>29.11</b>			<b>84.45</b>	<b>55.34</b>	<b>190.09%</b>	<b>25.78%</b>
Line Losses on Cost of Power	67	0.121	8.06	142	0.121	17.20	9.14	113.46%	5.25%
<b>Sub-Total: Distribution</b>			<b>37.17</b>			<b>101.65</b>	<b>64.48</b>	<b>173.48%</b>	<b>31.03%</b>
Retail Transmission Rate – Network Service Rate	1,611	0.0065	10.47	1,687	0.0047	7.93	-2.55	-24.30%	2.42%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,611	0.0053	8.48	1,687	0.0038	6.41	-2.06	-24.36%	1.96%
<b>Sub-Total: Retail Transmission</b>			<b>18.95</b>			<b>14.34</b>	<b>-4.61</b>	<b>-24.33%</b>	<b>4.38%</b>
<b>Sub-Total: Delivery</b>			<b>56.12</b>			<b>115.99</b>	<b>59.87</b>	<b>106.69%</b>	<b>35.41%</b>
Wholesale Market Service Rate	1,611	0.0036	5.80	1,687	0.0036	6.07	0.27	4.69%	1.85%
Rural Rate Protection Charge	1,611	0.0021	3.38	1,687	0.0021	3.54	0.16	4.69%	1.08%
Ontario Electricity Support Program Charge	1,611	0.0011	1.77	1,687	0.0011	1.86	0.08	4.69%	0.57%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.08%
<b>Sub-Total: Regulatory</b>			<b>11.21</b>			<b>11.72</b>	<b>0.51</b>	<b>4.58%</b>	<b>3.58%</b>
<b>Debt Retirement Charge (DRC)</b>	1,545	0.007	<b>10.81</b>	1,545	0.007	<b>10.81</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.30%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>251.57</b>			<b>311.96</b>	<b>60.39</b>	<b>24.00%</b>	<b>95.24%</b>
HST		0.13	32.70		0.13	40.55	7.85	24.00%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>284.28</b>			<b>352.51</b>	<b>68.24</b>	<b>24.00%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		-0.08	-20.13		-0.08	-24.96	-4.83	24.00%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>264.15</b>			<b>327.56</b>	<b>63.41</b>	<b>24.00%</b>	<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	USL	NPDI_USL
Monthly Consumption (kWh)	945	945
Peak (kW)	0	0
Loss factor	1.092	1.0564
Commodity Threshold	750	750
Monthly Consumption (kWh) - Uplifted	1032	999
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	36.69%
Energy Second Tier (kWh)	195	0.121	23.64	195	0.121	23.64	0.00	0.00%	11.23%
<b>Sub-Total: Energy (RPP)</b>			<b>100.89</b>			<b>100.89</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.92%</b>
Service Charge	1	15.49	15.49	1	37.50	37.50	22.01	142.09%	17.81%
Fixed Acquisition Agreement Rider	1	-0.22	-0.22	1	0.00	0.00	0.22	-100.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	-0.01	-0.01	-0.01	0.00%	0.00%
Distribution Volumetric Rate	945	0.0087	8.22	945	0.0304	28.74	20.51	249.43%	13.65%
Low Voltage Service Rate	945	0.0008	0.76	945	0.0000	0.00	-0.76	-100.00%	0.00%
Volumetric Acquisition Agreement Rider	945	-0.0001	-0.09	945	0.0000	0.00	0.09	-100.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	945	0.0000	0.00	945	0.0002	0.19	0.19	0.00%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>24.16</b>			<b>66.42</b>	<b>42.26</b>	<b>174.95%</b>	<b>31.55%</b>
Line Losses on Cost of Power	53	0.121	6.45	87	0.121	10.52	4.07	63.12%	5.00%
<b>Sub-Total: Distribution</b>			<b>30.61</b>			<b>76.94</b>	<b>46.33</b>	<b>151.38%</b>	<b>36.55%</b>
Retail Transmission Rate – Network Service Rate	999	0.0063	6.29	1,032	0.0047	4.85	-1.44	-22.88%	2.30%
Retail Transmission Rate – Line and Transformation Connection Service Rate	999	0.0031	3.10	1,032	0.0038	3.92	0.83	26.71%	1.86%
<b>Sub-Total: Retail Transmission</b>			<b>9.39</b>			<b>8.77</b>	<b>-0.61</b>	<b>-6.53%</b>	<b>4.17%</b>
<b>Sub-Total: Delivery</b>			<b>40.00</b>			<b>85.72</b>	<b>45.72</b>	<b>114.32%</b>	<b>40.72%</b>
Wholesale Market Service Rate	999	0.0036	3.60	1,032	0.0036	3.72	0.12	3.37%	1.77%
Rural Rate Protection Charge	999	0.0021	2.10	1,032	0.0021	2.17	0.07	3.37%	1.03%
Ontario Electricity Support Program Charge	999	0.0011	1.10	1,032	0.0011	1.14	0.04	3.37%	0.54%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.12%
<b>Sub-Total: Regulatory</b>			<b>7.04</b>			<b>7.27</b>	<b>0.23</b>	<b>3.25%</b>	<b>3.45%</b>
<b>Debt Retirement Charge (DRC)</b>	945	0.007	<b>6.62</b>	945	0.007	<b>6.62</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.14%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>154.54</b>			<b>200.49</b>	<b>45.95</b>	<b>29.73%</b>	<b>95.24%</b>
HST		0.13	20.09		0.13	26.06	5.97	29.73%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>174.64</b>			<b>226.56</b>	<b>51.92</b>	<b>29.73%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		-0.08	-12.36		-0.08	-16.04	-3.68	29.73%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>162.27</b>			<b>210.52</b>	<b>48.25</b>	<b>29.73%</b>	<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	USL	HCHI_USL
Monthly Consumption (kWh)	551	551
Peak (kW)	0	0
Loss factor	1.092	1.066
Commodity Threshold	750	750
Monthly Consumption (kWh) - Uplifted	601	587
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	551	0.103	56.73	551	0.103	56.73	0.00	0.00%	41.69%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>56.73</b>			<b>56.73</b>	<b>0.00</b>	<b>0.00%</b>	<b>41.69%</b>
Service Charge	1	19.51	19.51	1	37.50	37.50	17.99	92.21%	27.56%
Fixed Acquisition Agreement Rider	1	-0.20	-0.20	1	0.00	0.00	0.20	-100.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	-0.01	-0.01	-0.01	0.00%	-0.01%
Distribution Volumetric Rate	551	0.0025	1.38	551	0.0304	16.74	15.37	1116.00%	12.30%
Low Voltage Service Rate	551	0.0004	0.22	551	0.0000	0.00	-0.22	-100.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	551	0.0000	0.00	551	0.0002	0.11	0.11	0.00%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>20.89</b>			<b>54.34</b>	<b>33.45</b>	<b>160.13%</b>	<b>39.94%</b>
Line Losses on Cost of Power	36	0.103	3.72	51	0.103	5.22	1.50	40.46%	3.84%
<b>Sub-Total: Distribution</b>			<b>24.61</b>			<b>59.56</b>	<b>34.96</b>	<b>142.06%</b>	<b>43.77%</b>
Retail Transmission Rate – Network Service Rate	587	0.0059	3.45	601	0.0047	2.83	-0.62	-17.95%	2.08%
Retail Transmission Rate – Line and Transformation Connection Service Rate	587	0.0050	2.93	601	0.0038	2.29	-0.65	-22.10%	1.68%
<b>Sub-Total: Retail Transmission</b>			<b>6.38</b>			<b>5.11</b>	<b>-1.27</b>	<b>-19.86%</b>	<b>3.76%</b>
<b>Sub-Total: Delivery</b>			<b>30.98</b>			<b>64.67</b>	<b>33.69</b>	<b>108.73%</b>	<b>47.53%</b>
Wholesale Market Service Rate	587	0.0036	2.11	601	0.0036	2.17	0.05	2.49%	1.59%
Rural Rate Protection Charge	587	0.0021	1.23	601	0.0021	1.26	0.03	2.49%	0.93%
Ontario Electricity Support Program Charge	587	0.0011	0.65	601	0.0011	0.66	0.02	2.49%	0.49%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.18%
<b>Sub-Total: Regulatory</b>			<b>4.24</b>			<b>4.34</b>	<b>0.10</b>	<b>2.34%</b>	<b>3.19%</b>
<b>Debt Retirement Charge (DRC)</b>	551	0.007	<b>3.86</b>	551	0.007	<b>3.86</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.83%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>95.81</b>			<b>129.59</b>	<b>33.79</b>	<b>35.27%</b>	<b>95.24%</b>
HST		0.13	12.45		0.13	16.85	4.39	35.27%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>108.26</b>			<b>146.44</b>	<b>38.18</b>	<b>35.27%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		-0.08	-7.66		-0.08	-10.37	-2.70	35.27%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>100.60</b>			<b>136.07</b>	<b>35.48</b>	<b>35.27%</b>	<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	St Lgt	WHSI_St Lgt
Monthly Consumption (kWh)	76,826	76,826
Peak (kW)		211
Loss factor	1.092	1.0431
Commodity Threshold	750	750
Monthly Consumption (kWh) - Uplifted	83894	80138
Charge determinant	kWh	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	0.37%
Energy Second Tier (kWh)	76,076	0.121	9,205.24	76,076	0.121	9,205.24	0.00	0.00%	43.59%
<b>Sub-Total: Energy (RPP)</b>			<b>9,282.49</b>			<b>9,282.49</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.95%</b>
Service Charge	810	3.09	2,502.90	1	4.77	4.77	-2,498.13	-99.81%	0.02%
Fixed Acquisition Agreement Rider	810	-0.03	-24.30	1	0.00	0.00	24.30	-100.00%	0.00%
Fixed Deferral/Variance Account Rider	810	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	211	12.4552	2,625.19	76,826	0.107	8,220.42	5,595.24	213.14%	38.93%
Volumetric Acquisition Agreement Rider	211	-0.1246	-26.26	76,826	0.0000	0.00	26.26	-100.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	211	0.0000	0.00	76,826	0.0002	15.37	15.37	0.00%	0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>5,077.52</b>			<b>8,240.56</b>	<b>3,163.03</b>	<b>62.29%</b>	<b>39.02%</b>
Line Losses on Cost of Power	3,311	0.121	400.66	7,068	0.121	855.23	454.57	113.46%	4.05%
<b>Sub-Total: Distribution</b>			<b>5,478.18</b>			<b>9,095.79</b>	<b>3,617.61</b>	<b>66.04%</b>	<b>43.07%</b>
Retail Transmission Rate – Network Service Rate	210.8	2.0614	434.48	83,894	0.0038	321.82	-112.66	-25.93%	1.52%
Retail Transmission Rate – Line and Transformation Connection Service Rate	210.8	1.6581	349.48	83,894	0.0036	304.03	-45.44	-13.00%	1.44%
<b>Sub-Total: Retail Transmission</b>			<b>783.96</b>			<b>625.85</b>	<b>-158.10</b>	<b>-20.17%</b>	<b>2.96%</b>
<b>Sub-Total: Delivery</b>			<b>6,262.14</b>			<b>9,721.64</b>	<b>3,459.50</b>	<b>55.24%</b>	<b>46.03%</b>
Wholesale Market Service Rate	80,138	0.0036	288.50	83,894	0.0036	302.02	13.52	4.69%	1.43%
Rural Rate Protection Charge	80,138	0.0021	168.29	83,894	0.0021	176.18	7.89	4.69%	0.83%
Ontario Electricity Support Program Charge	80,138	0.0011	88.15	83,894	0.0011	92.28	4.13	4.69%	0.44%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>545.19</b>			<b>570.73</b>	<b>25.55</b>	<b>4.69%</b>	<b>2.70%</b>
Debt Retirement Charge (DRC)	76,826	0.007	537.78	76,826	0.007	537.78	0.00	0.00%	2.55%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>16,627.60</b>			<b>20,112.65</b>	<b>3,485.05</b>	<b>20.96%</b>	<b>95.24%</b>
HST		0.13	2,161.59		0.13	2,614.64	453.06	20.96%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>18,789.19</b>			<b>22,727.30</b>	<b>3,938.11</b>	<b>20.96%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-1,330.21		-0.08	-1,609.01	-278.80	20.96%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>17,458.98</b>			<b>21,118.28</b>	<b>3,659.30</b>	<b>20.96%</b>	<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	St Lgt	NPDI St Lgt
Monthly Consumption (kWh)	1,368	1,368
Peak (kW)		4.13
Loss factor	1.092	1.0564
Commodity Threshold	750	750
Monthly Consumption (kWh) - Uplifted	1,494	1,445
Charge determinant	kWh	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	21.04%
Energy Second Tier (kWh)	618	0.121	74.74	618	0.121	74.74	0.00	0.00%	20.35%
<b>Sub-Total: Energy (RPP)</b>			<b>151.99</b>			<b>151.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>41.39%</b>
Service Charge	21	1.97	41.37	1	4.77	4.77	-36.60	-88.47%	1.30%
Fixed Acquisition Agreement Rider	21	-0.03	-0.63	1	0.00	0.00	0.63	-100.00%	0.00%
Fixed Deferral/Variance Account Rider	21	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	4	7.4269	30.65	1,368	0.107	146.34	115.69	377.40%	39.85%
Low Voltage Service Rate	4	0.2358	0.97	1,368	0.0000	0.00	-0.97	-100.00%	0.00%
Volumetric Acquisition Agreement Rider	4	-0.1094	-0.45	1,368	0.0000	0.00	0.45	-100.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	4	0.0000	0.00	1,368	0.0002	0.27	0.27	0.00%	0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>71.92</b>			<b>151.39</b>	<b>79.47</b>	<b>110.51%</b>	<b>41.23%</b>
Line Losses on Cost of Power	77	0.121	9.33	126	0.121	15.23	5.89	63.12%	4.15%
<b>Sub-Total: Distribution</b>			<b>81.25</b>			<b>166.61</b>	<b>85.36</b>	<b>105.06%</b>	<b>45.37%</b>
Retail Transmission Rate – Network Service Rate	4	1.9197	7.92	1,494	0.0038	5.73	-2.19	-27.69%	1.56%
Retail Transmission Rate – Line and Transformation Connection Service Rate	4	0.9575	3.95	1,494	0.0036	5.41	1.46	36.96%	1.47%
<b>Sub-Total: Retail Transmission</b>			<b>11.88</b>			<b>11.14</b>	<b>-0.73</b>	<b>-6.18%</b>	<b>3.03%</b>
<b>Sub-Total: Delivery</b>			<b>93.12</b>			<b>177.75</b>	<b>84.63</b>	<b>90.88%</b>	<b>48.41%</b>
Wholesale Market Service Rate	1,445	0.0036	5.20	1,494	0.0036	5.38	0.18	3.37%	1.46%
Rural Rate Protection Charge	1,445	0.0021	3.03	1,494	0.0021	3.14	0.10	3.37%	0.85%
Ontario Electricity Support Program Charge	1,445	0.0011	1.59	1,494	0.0011	1.64	0.05	3.37%	0.45%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.07%
<b>Sub-Total: Regulatory</b>			<b>10.07</b>			<b>10.41</b>	<b>0.33</b>	<b>3.29%</b>	<b>2.83%</b>
Debt Retirement Charge (DRC)	1,368	0.007	9.57	1,368	0.007	9.57	0.00	0.00%	2.61%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>264.76</b>			<b>349.72</b>	<b>84.96</b>	<b>32.09%</b>	<b>95.24%</b>
HST		0.13	34.42		0.13	45.46	11.04	32.09%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>299.18</b>			<b>395.19</b>	<b>96.00</b>	<b>32.09%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-21.18		-0.08	-27.98	-6.80	32.09%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>278.00</b>			<b>367.21</b>	<b>89.21</b>	<b>32.09%</b>	<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	St Lgt	HCHI St Lgt
Monthly Consumption (kWh)	105,612	105,612
Peak (kW)		274
Loss factor	1.092	1.0655
Commodity Threshold	750	750
Monthly Consumption (kWh) - Uplifted	115328	112529
Charge determinant	kWh	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	0.27%
Energy Second Tier (kWh)	104,862	0.121	12,688.25	104,862	0.121	12,688.25	0.00	0.00%	43.70%
<b>Sub-Total: Energy (RPP)</b>			<b>12,765.50</b>			<b>12,765.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.97%</b>
Service Charge	1,847	5.70	10,527.90	1	4.77	4.77	-10,523.13	-99.95%	0.02%
Fixed Acquisition Agreement Rider	1,847	-0.06	-110.82	1	0.00	0.00	110.82	-100.00%	0.00%
Fixed Deferral/Variance Account Rider	1,847	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	274	14.5882	3,998.54	105,612	0.107	11,300.44	7,301.90	182.61%	38.92%
Low Voltage Service Rate	274	0.1130	30.97	105,612	0.0000	0.00	-30.97	-100.00%	0.00%
Volumetric Acquisition Agreement Rider	274	-0.1459	-39.99	105,612	0.0000	0.00	39.99	-100.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	274	0.0000	0.00	105,612	0.0002	21.12	21.12	0.00%	0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>14,406.60</b>			<b>11,326.33</b>	<b>-3,080.27</b>	<b>-21.38%</b>	<b>39.01%</b>
Line Losses on Cost of Power	6,918	0.121	837.02	9,716	0.121	1,175.67	338.64	40.46%	4.05%
<b>Sub-Total: Distribution</b>			<b>15,243.62</b>			<b>12,502.00</b>	<b>-2,741.62</b>	<b>-17.99%</b>	<b>43.06%</b>
Retail Transmission Rate – Network Service Rate	274	1.8085	495.69	115,328	0.0038	442.40	-53.30	-10.75%	1.52%
Retail Transmission Rate – Line and Transformation Connection Service Rate	274	1.5210	416.89	115,328	0.0036	417.95	1.05	0.25%	1.44%
<b>Sub-Total: Retail Transmission</b>			<b>912.59</b>			<b>860.35</b>	<b>-52.24</b>	<b>-5.72%</b>	<b>2.96%</b>
<b>Sub-Total: Delivery</b>			<b>16,156.21</b>			<b>13,362.35</b>	<b>-2,793.86</b>	<b>-17.29%</b>	<b>46.02%</b>
Wholesale Market Service Rate	112,529	0.0036	405.10	115,328	0.0036	415.18	10.08	2.49%	1.43%
Rural Rate Protection Charge	112,529	0.0021	236.31	115,328	0.0021	242.19	5.88	2.49%	0.83%
Ontario Electricity Support Program Charge	112,529	0.0011	123.78	115,328	0.0011	126.86	3.08	2.49%	0.44%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>765.45</b>			<b>784.48</b>	<b>19.03</b>	<b>2.49%</b>	<b>2.70%</b>
<b>Debt Retirement Charge (DRC)</b>	105,612	0.007	<b>739.28</b>	105,612	0.007	<b>739.28</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.55%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>30,426.44</b>			<b>27,651.61</b>	<b>-2,774.83</b>	<b>-9.12%</b>	<b>95.24%</b>
HST		0.13	3,955.44		0.13	3,594.71	-360.73	-9.12%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>34,381.88</b>			<b>31,246.32</b>	<b>-3,135.56</b>	<b>-9.12%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		-0.08	-2,434.12		-0.08	-2,212.13	221.99	-9.12%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>31,947.76</b>			<b>29,034.19</b>	<b>-2,913.58</b>	<b>-9.12%</b>	<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	Sen Lgt	NPDI_Sen Lgt
Monthly Consumption (kWh)	126	126
Peak (kW)	0	0.5
Loss factor	1.092	1.0564
Commodity Threshold	750	750
Monthly Consumption (kWh) - Uplifted	138	133
Charge determinant	kWh	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	126	0.103	12.98	126	0.103	12.98	0.00	0.00%	32.75%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>12.98</b>			<b>12.98</b>	<b>0.00</b>	<b>0.00%</b>	<b>32.75%</b>
Service Charge	1	6.53	6.53	1	3.6	3.60	-2.93	-44.87%	9.08%
Fixed Acquisition Agreement Rider	1	-0.09	-0.09	1	0.00	0.00	0.09	-100.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	0.5	19.433	8.83	126	0.1338	16.86	8.04	91.03%	42.55%
Low Voltage Service Rate	0.5	0.2407	0.11	126	0.0000	0.00	-0.11	-100.00%	0.00%
Volumetric Acquisition Agreement Rider	0.5	-0.2862	-0.13	126	0.0000	0.00	0.13	-100.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	0.5	0.0000	0.00	126	0.0001	0.01	0.01	0.00%	0.03%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>15.25</b>			<b>20.47</b>	<b>5.23</b>	<b>34.29%</b>	<b>51.66%</b>
Line Losses on Cost of Power	7	0.103	0.73	12	0.103	1.19	0.46	63.12%	3.01%
<b>Sub-Total: Distribution</b>			<b>15.98</b>			<b>21.67</b>	<b>5.69</b>	<b>35.61%</b>	<b>54.68%</b>
Retail Transmission Rate – Network Service Rate	0.5	1.9294	0.88	138	0.0038	0.53	-0.35	-39.76%	1.33%
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.5	0.9774	0.44	138	0.0036	0.50	0.05	12.34%	1.26%
<b>Sub-Total: Retail Transmission</b>			<b>1.32</b>			<b>1.03</b>	<b>-0.29</b>	<b>-22.24%</b>	<b>2.59%</b>
<b>Sub-Total: Delivery</b>			<b>17.30</b>			<b>22.70</b>	<b>5.40</b>	<b>31.20%</b>	<b>57.27%</b>
Wholesale Market Service Rate	133	0.0036	0.48	138	0.0036	0.50	0.02	3.37%	1.25%
Rural Rate Protection Charge	133	0.0021	0.28	138	0.0021	0.29	0.01	3.37%	0.73%
Ontario Electricity Support Program Charge	133	0.0011	0.15	138	0.0011	0.15	0.00	3.37%	0.38%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.63%
<b>Sub-Total: Regulatory</b>			<b>1.16</b>			<b>1.19</b>	<b>0.03</b>	<b>2.64%</b>	<b>2.99%</b>
<b>Debt Retirement Charge (DRC)</b>	126	0.007	<b>0.88</b>	126	0.007	<b>0.88</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.23%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>32.32</b>			<b>37.74</b>	<b>5.43</b>	<b>16.79%</b>	<b>95.24%</b>
HST		0.13	4.20		0.13	4.91	0.71	16.79%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>36.52</b>			<b>42.65</b>	<b>6.13</b>	<b>16.79%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>			<b>-0.08</b>		<b>-0.08</b>	<b>-3.02</b>	<b>-0.43</b>	<b>16.79%</b>	<b>-7.62%</b>
<b>Total Amount on Two-Tier RPP</b>			<b>33.93</b>			<b>39.63</b>	<b>5.70</b>	<b>16.79%</b>	<b>100.00%</b>

**2021 Bill Impacts (Average Consumption Level)**

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Rate Class	Sen Lgt	HCHI_Sen Lgt
Monthly Consumption (kWh)	131	131
Peak (kW)	0	0
Loss factor	1.092	1.0655
Commodity Threshold	750	750
Monthly Consumption (kWh) - Uplifted	143	140
Charge determinant	kWh	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	131	0.103	13.50	131	0.103	13.50	0.00	0.00%	32.88%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>13.50</b>			<b>13.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>32.88%</b>
Service Charge	1	14.23	14.23	1	3.6	3.60	-10.63	-74.70%	8.77%
Fixed Acquisition Agreement Rider	1	-0.14	-0.14	1	0.00	0.00	0.14	-100.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	0.34	36.726	12.49	131	0.1338	17.54	5.04	40.38%	42.72%
Low Voltage Service Rate	0.34	0.1099	0.04	131	0.0000	0.00	-0.04	-100.00%	0.00%
Volumetric Acquisition Agreement Rider	0.34	-0.3673	-0.12	131	0.0000	0.00	0.12	-100.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	0.34	0.0000	0.00	131	0.0001	0.01	0.01	0.00%	0.03%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>26.50</b>			<b>21.15</b>	<b>-5.34</b>	<b>-20.17%</b>	<b>51.52%</b>
Line Losses on Cost of Power	9	0.103	0.88	12	0.103	1.24	0.36	40.46%	3.03%
<b>Sub-Total: Distribution</b>			<b>27.38</b>			<b>22.39</b>	<b>-4.99</b>	<b>-18.21%</b>	<b>54.54%</b>
Retail Transmission Rate – Network Service Rate	0.34	1.8176	0.62	143	0.0038	0.55	-0.07	-11.20%	1.34%
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.34	1.5528	0.53	143	0.0036	0.52	-0.01	-1.80%	1.26%
<b>Sub-Total: Retail Transmission</b>			<b>1.15</b>			<b>1.07</b>	<b>-0.08</b>	<b>-6.87%</b>	<b>2.60%</b>
<b>Sub-Total: Delivery</b>			<b>28.53</b>			<b>23.46</b>	<b>-5.07</b>	<b>-17.76%</b>	<b>57.14%</b>
Wholesale Market Service Rate	140	0.0036	0.50	143	0.0036	0.52	0.01	2.49%	1.26%
Rural Rate Protection Charge	140	0.0021	0.29	143	0.0021	0.30	0.01	2.49%	0.73%
Ontario Electricity Support Program Charge	140	0.0011	0.15	143	0.0011	0.16	0.00	2.49%	0.38%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.61%
<b>Sub-Total: Regulatory</b>			<b>1.20</b>			<b>1.22</b>	<b>0.02</b>	<b>1.97%</b>	<b>2.98%</b>
<b>Debt Retirement Charge (DRC)</b>	131	0.007	0.92	131	0.007	0.92	0.00	0.00%	2.23%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>44.15</b>			<b>39.10</b>	<b>-5.04</b>	<b>-11.42%</b>	<b>95.24%</b>
HST		0.13	5.74		0.13	5.08	-0.66	-11.42%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>49.88</b>			<b>44.19</b>	<b>-5.70</b>	<b>-11.42%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>			<b>-3.53</b>		-0.08	-3.13	0.40	-11.42%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>46.35</b>			<b>41.06</b>	<b>-5.29</b>	<b>-11.42%</b>	<b>100.00%</b>

**2022 Bill Impacts (Low Consumption Level)**

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Rate Class	UR
Monthly Consumption (kWh)	350
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	370
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	350	0.103	36.05	350	0.103	36.05	0.00	0.00%	40.68%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.05</b>			<b>36.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>40.68%</b>	
TOU-Off Peak	228	0.087	19.79	228	0.087	19.79	0.00	0.00%		21.54%
TOU-Mid Peak	60	0.132	7.85	60	0.132	7.85	0.00	0.00%		8.55%
TOU-On Peak	63	0.180	11.34	63	0.180	11.34	0.00	0.00%		12.34%
<b>Sub-Total: Energy (TOU)</b>			<b>38.99</b>			<b>38.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>44.00%</b>	<b>42.44%</b>
Service Charge	1	36.72	36.72	1	37.47	37.47	0.75	2.04%	42.29%	40.79%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.01%	0.01%
Distribution Volumetric Rate	350	0	0.00	350	0.0000	0.00	0.00	0.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class)	350	0.0002	0.07	350	0.0002	0.07	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>36.80</b>			<b>37.55</b>	<b>0.75</b>	<b>2.04%</b>	<b>42.38%</b>	<b>40.87%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.89%	0.86%
Line Losses on Cost of Power (based on two-tier RPP prices)	20	0.10	2.05	20	0.10	2.05	0.00	0.00%	2.32%	2.24%
Line Losses on Cost of Power (based on TOU prices)	20	0.11	2.22	20	0.11	2.22	0.00	0.00%	2.51%	2.42%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>39.64</b>			<b>40.39</b>	<b>0.75</b>	<b>1.89%</b>	<b>45.59%</b>	<b>43.97%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>39.81</b>			<b>40.56</b>	<b>0.75</b>	<b>1.88%</b>	<b>45.78%</b>	<b>44.15%</b>
Retail Transmission Rate – Network Service Rate	370	0.0077	2.85	370	0.0077	2.85	0.00	0.00%	3.21%	3.10%
Retail Transmission Rate – Line and Transformation Connection	370	0.0063	2.33	370	0.0063	2.33	0.00	0.00%	2.63%	2.54%
<b>Sub-Total: Retail Transmission</b>			<b>5.18</b>			<b>5.18</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.85%</b>	<b>5.64%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>44.82</b>			<b>45.57</b>	<b>0.75</b>	<b>1.67%</b>	<b>51.43%</b>	<b>49.61%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>44.99</b>			<b>45.74</b>	<b>0.75</b>	<b>1.67%</b>	<b>51.62%</b>	<b>49.79%</b>
Wholesale Market Service Rate	370	0.0036	1.33	370	0.0036	1.33	0.00	0.00%	1.50%	1.45%
Rural Rate Protection Charge	370	0.0021	0.78	370	0.0021	0.78	0.00	0.00%	0.88%	0.85%
Ontario Electricity Support Program Charge	370	0.0011	0.41	370	0.0011	0.41	0.00	0.00%	0.46%	0.44%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.28%	0.27%
<b>Sub-Total: Regulatory</b>			<b>2.77</b>			<b>2.77</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.12%</b>	<b>3.01%</b>
Debt Retirement Charge (DRC)	350	0.000	0.00	350	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>83.64</b>			<b>84.39</b>	<b>0.75</b>	<b>0.90%</b>	<b>95.24%</b>	
HST		0.13	10.87		0.13	10.97	0.10	0.90%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>94.51</b>			<b>95.36</b>	<b>0.85</b>	<b>0.90%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-6.69		-0.08	-6.75	-0.06	0.90%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>87.82</b>			<b>88.61</b>	<b>0.79</b>	<b>0.90%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>86.74</b>			<b>87.49</b>	<b>0.75</b>	<b>0.86%</b>		<b>95.24%</b>
HST		0.13	11.28		0.13	11.37	0.10	0.86%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>98.02</b>			<b>98.87</b>	<b>0.85</b>	<b>0.86%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-6.94		-0.08	-7.00	-0.06	0.86%		-7.62%
<b>Total Amount on TOU</b>			<b>91.08</b>			<b>91.87</b>	<b>0.79</b>	<b>0.86%</b>		<b>100.00%</b>

**2022 Bill Impacts (Typical Consumption Level)**

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Rate Class	UR
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	793
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	41.96%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	12.32%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.28%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		28.16%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		11.17%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		16.13%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.72%</b>	<b>55.46%</b>
Service Charge	1	36.72	36.72	1	37.47	37.47	0.75	2.04%	25.44%	24.87%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.01%	0.01%
Distribution Volumetric Rate	750	0	0.00	750	0	0.00	0.00	0.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class)	750	0.0002	0.15	750	0.0002	0.15	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>36.88</b>			<b>37.63</b>	<b>0.75</b>	<b>2.03%</b>	<b>25.55%</b>	<b>24.98%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.54%	0.52%
Line Losses on Cost of Power (based on two-tier RPP prices)	43	0.12	5.17	43	0.12	5.17	0.00	0.00%	3.51%	3.43%
Line Losses on Cost of Power (based on TOU prices)	43	0.11	4.76	43	0.11	4.76	0.00	0.00%	3.23%	3.16%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>42.84</b>			<b>43.59</b>	<b>0.75</b>	<b>1.75%</b>	<b>29.60%</b>	<b>28.94%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>42.43</b>			<b>43.18</b>	<b>0.75</b>	<b>1.77%</b>	<b>29.32%</b>	<b>28.67%</b>
Retail Transmission Rate – Network Service Rate	793	0.0077	6.10	793	0.0077	6.10	0.00	0.00%	4.14%	4.05%
Retail Transmission Rate – Line and Transformation Connection	793	0.0063	4.99	793	0.0063	4.99	0.00	0.00%	3.39%	3.32%
<b>Sub-Total: Retail Transmission</b>			<b>11.10</b>			<b>11.10</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.53%</b>	<b>7.37%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>53.94</b>			<b>54.69</b>	<b>0.75</b>	<b>1.39%</b>	<b>37.13%</b>	<b>36.31%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>53.53</b>			<b>54.28</b>	<b>0.75</b>	<b>1.40%</b>	<b>36.85%</b>	<b>36.03%</b>
Wholesale Market Service Rate	793	0.0036	2.85	793	0.0036	2.85	0.00	0.00%	1.94%	1.89%
Rural Rate Protection Charge	793	0.0021	1.66	793	0.0021	1.66	0.00	0.00%	1.13%	1.11%
Ontario Electricity Support Program Charge	793	0.0011	0.87	793	0.0011	0.87	0.00	0.00%	0.59%	0.58%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.17%	0.17%
<b>Sub-Total: Regulatory</b>			<b>5.64</b>			<b>5.64</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.83%</b>	<b>3.74%</b>
Debt Retirement Charge (DRC)	750	0.000	0.00	750	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>139.53</b>			<b>140.28</b>	<b>0.75</b>	<b>0.54%</b>	<b>95.24%</b>	
HST		0.13	18.14		0.13	18.24	0.10	0.54%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>157.67</b>			<b>158.52</b>	<b>0.85</b>	<b>0.54%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-11.16		-0.08	-11.22	-0.06	0.54%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>146.51</b>			<b>147.30</b>	<b>0.79</b>	<b>0.54%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>142.71</b>			<b>143.46</b>	<b>0.75</b>	<b>0.53%</b>		<b>95.24%</b>
HST		0.13	18.55		0.13	18.65	0.10	0.53%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>161.27</b>			<b>162.11</b>	<b>0.85</b>	<b>0.53%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-11.42		-0.08	-11.48	-0.06	0.53%		-7.62%
<b>Total Amount on TOU</b>			<b>149.85</b>			<b>150.64</b>	<b>0.79</b>	<b>0.53%</b>		<b>100.00%</b>

**2022 Bill Impacts (Average Consumption Level)**

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Rate Class	UR
Monthly Consumption (kWh)	755
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	798
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	41.73%	
Energy Second Tier (kWh)	155	0.121	18.76	155	0.121	18.76	0.00	0.00%	12.67%	
<b>Sub-Total: Energy (RPP)</b>			<b>80.56</b>			<b>80.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.40%</b>	
TOU-Off Peak	491	0.087	42.70	491	0.087	42.70	0.00	0.00%		28.21%
TOU-Mid Peak	128	0.132	16.94	128	0.132	16.94	0.00	0.00%		11.19%
TOU-On Peak	136	0.180	24.46	136	0.180	24.46	0.00	0.00%		16.16%
<b>Sub-Total: Energy (TOU)</b>			<b>84.10</b>			<b>84.10</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.79%</b>	<b>55.56%</b>
Service Charge	1	36.72	36.72	1	37.47	37.47	0.75	2.04%	25.30%	24.75%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.01%	0.01%
Distribution Volumetric Rate	755	0	0.00	755	0	0.00	0.00	0.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class	755	0.0002	0.15	755	0.0002	0.15	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>36.88</b>			<b>37.63</b>	<b>0.75</b>	<b>2.03%</b>	<b>25.41%</b>	<b>24.86%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.53%	0.52%
Line Losses on Cost of Power (based on two-tier RPP prices)	43	0.12	5.21	43	0.12	5.21	0.00	0.00%	3.52%	3.44%
Line Losses on Cost of Power (based on TOU prices)	43	0.11	4.79	43	0.11	4.79	0.00	0.00%	3.24%	3.17%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>42.88</b>			<b>43.63</b>	<b>0.75</b>	<b>1.75%</b>	<b>29.46%</b>	<b>28.82%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>42.46</b>			<b>43.21</b>	<b>0.75</b>	<b>1.77%</b>	<b>29.18%</b>	<b>28.55%</b>
Retail Transmission Rate – Network Service Rate	798	0.0077	6.14	798	0.0077	6.14	0.00	0.00%	4.15%	4.06%
Retail Transmission Rate – Line and Transformation Connection S	798	0.0063	5.03	798	0.0063	5.03	0.00	0.00%	3.40%	3.32%
<b>Sub-Total: Retail Transmission</b>			<b>11.17</b>			<b>11.17</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.54%</b>	<b>7.38%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>54.05</b>			<b>54.80</b>	<b>0.75</b>	<b>1.39%</b>	<b>37.01%</b>	<b>36.20%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>53.64</b>			<b>54.39</b>	<b>0.75</b>	<b>1.40%</b>	<b>36.73%</b>	<b>35.93%</b>
Wholesale Market Service Rate	798	0.0036	2.87	798	0.0036	2.87	0.00	0.00%	1.94%	1.90%
Rural Rate Protection Charge	798	0.0021	1.68	798	0.0021	1.68	0.00	0.00%	1.13%	1.11%
Ontario Electricity Support Program Charge	798	0.0011	0.88	798	0.0011	0.88	0.00	0.00%	0.59%	0.58%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.17%	0.17%
<b>Sub-Total: Regulatory</b>			<b>5.68</b>			<b>5.68</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.83%</b>	<b>3.75%</b>
<b>Debt Retirement Charge (DRC)</b>	755	0.000	<b>0.00</b>	755	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>140.28</b>			<b>141.03</b>	<b>0.75</b>	<b>0.53%</b>	<b>95.24%</b>	
HST		0.13	18.24		0.13	18.33	0.10	0.53%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>158.52</b>			<b>159.37</b>	<b>0.85</b>	<b>0.53%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-11.22		-0.08	-11.28	-0.06	0.53%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>147.30</b>			<b>148.08</b>	<b>0.79</b>	<b>0.53%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>143.41</b>			<b>144.16</b>	<b>0.75</b>	<b>0.52%</b>		<b>95.24%</b>
HST		0.13	18.64		0.13	18.74	0.10	0.52%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>162.06</b>			<b>162.90</b>	<b>0.85</b>	<b>0.52%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-11.47		-0.08	-11.53	-0.06	0.52%	-7.62%	
<b>Total Amount on TOU</b>			<b>150.58</b>			<b>151.37</b>	<b>0.79</b>	<b>0.52%</b>		<b>100.00%</b>

**2022 Bill Impacts (High Consumption Level)**

Rate Class	UR
Monthly Consumption (kWh)	1400
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1480
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	24.75%	
Energy Second Tier (kWh)	800	0.121	96.80	800	0.121	96.80	0.00	0.00%	38.76%	
<b>Sub-Total: Energy (RPP)</b>			<b>158.60</b>			<b>158.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>63.51%</b>	
TOU-Off Peak	910	0.087	79.17	910	0.087	79.17	0.00	0.00%		32.17%
TOU-Mid Peak	238	0.132	31.42	238	0.132	31.42	0.00	0.00%		12.76%
TOU-On Peak	252	0.180	45.36	252	0.180	45.36	0.00	0.00%		18.43%
<b>Sub-Total: Energy (TOU)</b>			<b>155.95</b>			<b>155.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>62.45%</b>	<b>63.36%</b>
Service Charge	1	36.72	36.72	1	37.47	37.47	0.75	2.04%	15.00%	15.22%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,400	0	0.00	1,400	0	0.00	0.00	0.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class)	1,400	0.0002	0.28	1,400	0.0002	0.28	0.00	0.00%	0.11%	0.11%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>37.01</b>			<b>37.76</b>	<b>0.75</b>	<b>2.03%</b>	<b>15.12%</b>	<b>15.34%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.32%	0.32%
Line Losses on Cost of Power (based on two-tier RPP prices)	80	0.12	9.66	80	0.12	9.66	0.00	0.00%	3.87%	3.92%
Line Losses on Cost of Power (based on TOU prices)	80	0.11	8.89	80	0.11	8.89	0.00	0.00%	3.56%	3.61%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>47.46</b>			<b>48.21</b>	<b>0.75</b>	<b>1.58%</b>	<b>19.30%</b>	<b>19.59%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>46.69</b>			<b>47.44</b>	<b>0.75</b>	<b>1.61%</b>	<b>19.00%</b>	<b>19.27%</b>
Retail Transmission Rate – Network Service Rate	1,480	0.0077	11.39	1,480	0.0077	11.39	0.00	0.00%	4.56%	4.63%
Retail Transmission Rate – Line and Transformation Connection	1,480	0.0063	9.32	1,480	0.0063	9.32	0.00	0.00%	3.73%	3.79%
<b>Sub-Total: Retail Transmission</b>			<b>20.72</b>			<b>20.72</b>	<b>0.00</b>	<b>0.00%</b>	<b>8.30%</b>	<b>8.42%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>68.17</b>			<b>68.92</b>	<b>0.75</b>	<b>1.10%</b>	<b>27.60%</b>	<b>28.00%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>67.41</b>			<b>68.16</b>	<b>0.75</b>	<b>1.11%</b>	<b>27.29%</b>	<b>27.69%</b>
Wholesale Market Service Rate	1,480	0.0036	5.33	1,480	0.0036	5.33	0.00	0.00%	2.13%	2.16%
Rural Rate Protection Charge	1,480	0.0021	3.11	1,480	0.0021	3.11	0.00	0.00%	1.24%	1.26%
Ontario Electricity Support Program Charge	1,480	0.0011	1.63	1,480	0.0011	1.63	0.00	0.00%	0.65%	0.66%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Regulatory</b>			<b>10.31</b>			<b>10.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.13%</b>	<b>4.19%</b>
Debt Retirement Charge (DRC)	1,400	0.000	0.00	1,400	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>237.09</b>			<b>237.84</b>	<b>0.75</b>	<b>0.32%</b>	<b>95.24%</b>	
HST		0.13	30.82		0.13	30.92	0.10	0.32%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>267.91</b>			<b>268.75</b>	<b>0.85</b>	<b>0.32%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-18.97		-0.08	-19.03	-0.06	0.32%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>248.94</b>			<b>249.73</b>	<b>0.79</b>	<b>0.32%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>233.66</b>			<b>234.41</b>	<b>0.75</b>	<b>0.32%</b>		<b>95.24%</b>
HST		0.13	30.38		0.13	30.47	0.10	0.32%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>264.04</b>			<b>264.89</b>	<b>0.85</b>	<b>0.32%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-18.69		-0.08	-18.75	-0.06	0.32%	-7.62%	
<b>Total Amount on TOU</b>			<b>245.35</b>			<b>246.14</b>	<b>0.79</b>	<b>0.32%</b>		<b>100.00%</b>

**2022 Bill Impacts (Low Consumption Level)**

Rate Class	R1
Monthly Consumption (kWh)	400
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	430
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	400	0.103	41.20	400	0.103	41.20	0.00	0.00%	34.12%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>41.20</b>			<b>41.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>34.12%</b>	
TOU-Off Peak	260	0.087	22.62	260	0.087	22.62	0.00	0.00%		18.16%
TOU-Mid Peak	68	0.132	8.98	68	0.132	8.98	0.00	0.00%		7.21%
TOU-On Peak	72	0.180	12.96	72	0.180	12.96	0.00	0.00%		10.41%
<b>Sub-Total: Energy (TOU)</b>			<b>44.56</b>			<b>44.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>36.90%</b>	<b>35.78%</b>
Service Charge	1	52.36	52.36	1	58.34	58.34	5.98	11.42%	48.32%	46.85%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	400	0.0116	4.64	400	0.0066	2.64	-2.00	-43.10%	2.19%	2.12%
Volumetric Deferral/Variance Account Rider (including CBR Class)	400	0.0002	0.08	400	0.0002	0.08	0.00	0.00%	0.07%	0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>57.08</b>			<b>61.06</b>	<b>3.98</b>	<b>6.97%</b>	<b>50.57%</b>	<b>49.03%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.65%	0.63%
Line Losses on Cost of Power (based on two-tier RPP prices)	30	0.10	3.13	30	0.10	3.13	0.00	0.00%	2.59%	2.51%
Line Losses on Cost of Power (based on TOU prices)	30	0.11	3.39	30	0.11	3.39	0.00	0.00%	2.80%	2.72%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>61.00</b>			<b>64.98</b>	<b>3.98</b>	<b>6.52%</b>	<b>53.82%</b>	<b>52.18%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>61.26</b>			<b>65.24</b>	<b>3.98</b>	<b>6.50%</b>	<b>54.03%</b>	<b>52.38%</b>
Retail Transmission Rate – Network Service Rate	430	0.0072	3.10	430	0.0072	3.10	0.00	0.00%	2.57%	2.49%
Retail Transmission Rate – Line and Transformation Connection	430	0.0059	2.54	430	0.0059	2.54	0.00	0.00%	2.10%	2.04%
<b>Sub-Total: Retail Transmission</b>			<b>5.64</b>			<b>5.64</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.67%</b>	<b>4.53%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>66.64</b>			<b>70.62</b>	<b>3.98</b>	<b>5.97%</b>	<b>58.49%</b>	<b>56.71%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>66.89</b>			<b>70.87</b>	<b>3.98</b>	<b>5.95%</b>	<b>58.70%</b>	<b>56.91%</b>
Wholesale Market Service Rate	430	0.0036	1.55	430	0.0036	1.55	0.00	0.00%	1.28%	1.24%
Rural Rate Protection Charge	430	0.0021	0.90	430	0.0021	0.90	0.00	0.00%	0.75%	0.73%
Ontario Electricity Support Program Charge	430	0.0011	0.47	430	0.0011	0.47	0.00	0.00%	0.39%	0.38%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.21%	0.20%
<b>Sub-Total: Regulatory</b>			<b>3.18</b>			<b>3.18</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.63%</b>	<b>2.55%</b>
Debt Retirement Charge (DRC)	400	0.000	0.00	400	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>111.02</b>			<b>115.00</b>	<b>3.98</b>	<b>3.59%</b>	<b>95.24%</b>	
HST		0.13	14.43		0.13	14.95	0.52	3.59%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>125.45</b>			<b>129.95</b>	<b>4.50</b>	<b>3.59%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-8.88		-0.08	-9.20	-0.32	3.59%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>116.57</b>			<b>120.75</b>	<b>4.18</b>	<b>3.59%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>114.63</b>			<b>118.61</b>	<b>3.98</b>	<b>3.47%</b>		<b>95.24%</b>
HST		0.13	14.90		0.13	15.42	0.52	3.47%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>129.53</b>			<b>134.03</b>	<b>4.50</b>	<b>3.47%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-9.17		-0.08	-9.49	-0.32	3.47%		-7.62%
<b>Total Amount on TOU</b>			<b>120.36</b>			<b>124.54</b>	<b>4.18</b>	<b>3.47%</b>		<b>100.00%</b>

**2022 Bill Impacts (Typical Consumption Level)**

Rate Class	R1
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	807
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	35.16%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	10.33%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.49%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		23.70%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		9.40%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		13.58%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.53%</b>	<b>46.68%</b>
Service Charge	1	52.36	52.36	1	58.34	58.34	5.98	11.42%	33.19%	32.60%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	750	0.0116	8.70	750	0.0066	4.95	-3.75	-43.10%	2.82%	2.77%
Volumetric Deferral/Variance Account Rider (including CBR Class	750	0.0002	0.15	750	0.0002	0.15	0.00	0.00%	0.09%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>61.21</b>			<b>63.44</b>	<b>2.23</b>	<b>3.64%</b>	<b>36.10%</b>	<b>35.45%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.45%	0.44%
Line Losses on Cost of Power (based on two-tier RPP prices)	57	0.12	6.90	57	0.12	6.90	0.00	0.00%	3.92%	3.85%
Line Losses on Cost of Power (based on TOU prices)	57	0.11	6.35	57	0.11	6.35	0.00	0.00%	3.61%	3.55%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>68.90</b>			<b>71.13</b>	<b>2.23</b>	<b>3.24%</b>	<b>40.47%</b>	<b>39.75%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>68.35</b>			<b>70.58</b>	<b>2.23</b>	<b>3.26%</b>	<b>40.16%</b>	<b>39.44%</b>
Retail Transmission Rate – Network Service Rate	807	0.0072	5.81	807	0.0072	5.81	0.00	0.00%	3.31%	3.25%
Retail Transmission Rate – Line and Transformation Connection S	807	0.0059	4.76	807	0.0059	4.76	0.00	0.00%	2.71%	2.66%
<b>Sub-Total: Retail Transmission</b>			<b>10.57</b>			<b>10.57</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.01%</b>	<b>5.91%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>79.47</b>			<b>81.70</b>	<b>2.23</b>	<b>2.81%</b>	<b>46.48%</b>	<b>45.65%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>78.92</b>			<b>81.15</b>	<b>2.23</b>	<b>2.83%</b>	<b>46.17%</b>	<b>45.35%</b>
Wholesale Market Service Rate	807	0.0036	2.91	807	0.0036	2.91	0.00	0.00%	1.65%	1.62%
Rural Rate Protection Charge	807	0.0021	1.69	807	0.0021	1.69	0.00	0.00%	0.96%	0.95%
Ontario Electricity Support Program Charge	807	0.0011	0.89	807	0.0011	0.89	0.00	0.00%	0.51%	0.50%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.14%	0.14%
<b>Sub-Total: Regulatory</b>			<b>5.74</b>			<b>5.74</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.26%</b>	<b>3.21%</b>
<b>Debt Retirement Charge (DRC)</b>	750	0.000	<b>0.00</b>	750	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>165.16</b>			<b>167.39</b>	<b>2.23</b>	<b>1.35%</b>	<b>95.24%</b>	
HST		0.13	21.47		0.13	21.76	0.29	1.35%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>186.63</b>			<b>189.15</b>	<b>2.52</b>	<b>1.35%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-13.21		-0.08	-13.39	-0.18	1.35%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>173.41</b>			<b>175.76</b>	<b>2.34</b>	<b>1.35%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>168.20</b>			<b>170.43</b>	<b>2.23</b>	<b>1.33%</b>		<b>95.24%</b>
HST		0.13	21.87		0.13	22.16	0.29	1.33%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>190.07</b>			<b>192.59</b>	<b>2.52</b>	<b>1.33%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-13.46		-0.08	-13.63	-0.18	1.33%		-7.62%
<b>Total Amount on TOU</b>			<b>176.61</b>			<b>178.95</b>	<b>2.34</b>	<b>1.33%</b>		<b>100.00%</b>

**2022 Bill Impacts (Average Consumption Level)**

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Rate Class	R1
Monthly Consumption (kWh)	920
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	990
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	30.29%	
Energy Second Tier (kWh)	320	0.121	38.72	320	0.121	38.72	0.00	0.00%	18.98%	
<b>Sub-Total: Energy (RPP)</b>			<b>100.52</b>			<b>100.52</b>	<b>0.00</b>	<b>0.00%</b>	<b>49.27%</b>	
TOU-Off Peak	598	0.087	52.03	598	0.087	52.03	0.00	0.00%		25.33%
TOU-Mid Peak	156	0.132	20.64	156	0.132	20.64	0.00	0.00%		10.05%
TOU-On Peak	166	0.180	29.81	166	0.180	29.81	0.00	0.00%		14.51%
<b>Sub-Total: Energy (TOU)</b>			<b>102.48</b>			<b>102.48</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.23%</b>	<b>49.90%</b>
Service Charge	1	52.36	52.36	1	58.34	58.34	5.98	11.42%	28.59%	28.41%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	920	0.0116	10.67	920	0.0066	6.07	-4.60	-43.10%	2.98%	2.96%
Volumetric Deferral/Variance Account Rider (including CBR Class)	920	0.0002	0.18	920	0.0002	0.18	0.00	0.00%	0.09%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>63.22</b>			<b>64.60</b>	<b>1.38</b>	<b>2.18%</b>	<b>31.66%</b>	<b>31.45%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.39%	0.38%
Line Losses on Cost of Power (based on two-tier RPP prices)	70	0.12	8.46	70	0.12	8.46	0.00	0.00%	4.15%	4.12%
Line Losses on Cost of Power (based on TOU prices)	70	0.11	7.79	70	0.11	7.79	0.00	0.00%	3.82%	3.79%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>72.47</b>			<b>73.85</b>	<b>1.38</b>	<b>1.90%</b>	<b>36.19%</b>	<b>35.96%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>71.79</b>			<b>73.17</b>	<b>1.38</b>	<b>1.92%</b>	<b>35.86%</b>	<b>35.63%</b>
Retail Transmission Rate – Network Service Rate	990	0.0072	7.13	990	0.0072	7.13	0.00	0.00%	3.49%	3.47%
Retail Transmission Rate – Line and Transformation Connection	990	0.0059	5.84	990	0.0059	5.84	0.00	0.00%	2.86%	2.84%
<b>Sub-Total: Retail Transmission</b>			<b>12.97</b>			<b>12.97</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.36%</b>	<b>6.31%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>85.43</b>			<b>86.81</b>	<b>1.38</b>	<b>1.62%</b>	<b>42.55%</b>	<b>42.27%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>84.76</b>			<b>86.14</b>	<b>1.38</b>	<b>1.63%</b>	<b>42.22%</b>	<b>41.94%</b>
Wholesale Market Service Rate	990	0.0036	3.56	990	0.0036	3.56	0.00	0.00%	1.75%	1.74%
Rural Rate Protection Charge	990	0.0021	2.08	990	0.0021	2.08	0.00	0.00%	1.02%	1.01%
Ontario Electricity Support Program Charge	990	0.0011	1.09	990	0.0011	1.09	0.00	0.00%	0.53%	0.53%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.12%	0.12%
<b>Sub-Total: Regulatory</b>			<b>6.98</b>			<b>6.98</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.42%</b>	<b>3.40%</b>
Debt Retirement Charge (DRC)	920	0.000	0.00	920	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>192.94</b>			<b>194.32</b>	<b>1.38</b>	<b>0.72%</b>	<b>95.24%</b>	
HST		0.13	25.08		0.13	25.26	0.18	0.72%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>218.02</b>			<b>219.58</b>	<b>1.56</b>	<b>0.72%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-15.43		-0.08	-15.55	-0.11	0.72%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>202.58</b>			<b>204.03</b>	<b>1.45</b>	<b>0.72%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>194.22</b>			<b>195.60</b>	<b>1.38</b>	<b>0.71%</b>		<b>95.24%</b>
HST		0.13	25.25		0.13	25.43	0.18	0.71%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>219.47</b>			<b>221.03</b>	<b>1.56</b>	<b>0.71%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-15.54		-0.08	-15.65	-0.11	0.71%		-7.62%
<b>Total Amount on TOU</b>			<b>203.93</b>			<b>205.38</b>	<b>1.45</b>	<b>0.71%</b>		<b>100.00%</b>

**2022 Bill Impacts (High Consumption Level)**

Rate Class	R1
Monthly Consumption (kWh)	1800
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1937
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	17.64%	
Energy Second Tier (kWh)	1,200	0.121	145.20	1,200	0.121	145.20	0.00	0.00%	41.44%	
<b>Sub-Total: Energy (RPP)</b>			<b>207.00</b>			<b>207.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>59.08%</b>	
TOU-Off Peak	1,170	0.087	101.79	1,170	0.087	101.79	0.00	0.00%		29.75%
TOU-Mid Peak	306	0.132	40.39	306	0.132	40.39	0.00	0.00%		11.80%
TOU-On Peak	324	0.180	58.32	324	0.180	58.32	0.00	0.00%		17.04%
<b>Sub-Total: Energy (TOU)</b>			<b>200.50</b>			<b>200.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.22%</b>	<b>58.59%</b>
Service Charge	1	52.36	52.36	1	58.34	58.34	5.98	11.42%	16.65%	17.05%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,800	0.0116	20.88	1,800	0.0066	11.88	-9.00	-43.10%	3.39%	3.47%
Volumetric Deferral/Variance Account Rider (including CBR Class)	1,800	0.0002	0.36	1,800	0.0002	0.36	0.00	0.00%	0.10%	0.11%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>73.60</b>			<b>70.58</b>	<b>-3.02</b>	<b>-4.10%</b>	<b>20.14%</b>	<b>20.63%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.23%	0.23%
Line Losses on Cost of Power (based on two-tier RPP prices)	137	0.12	16.55	137	0.12	16.55	0.00	0.00%	4.72%	4.84%
Line Losses on Cost of Power (based on TOU prices)	137	0.11	15.24	137	0.11	15.24	0.00	0.00%	4.35%	4.45%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>90.94</b>			<b>87.92</b>	<b>-3.02</b>	<b>-3.32%</b>	<b>25.09%</b>	<b>25.69%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>89.63</b>			<b>86.61</b>	<b>-3.02</b>	<b>-3.37%</b>	<b>24.72%</b>	<b>25.31%</b>
Retail Transmission Rate – Network Service Rate	1,937	0.0072	13.94	1,937	0.0072	13.94	0.00	0.00%	3.98%	4.08%
Retail Transmission Rate – Line and Transformation Connection	1,937	0.0059	11.43	1,937	0.0059	11.43	0.00	0.00%	3.26%	3.34%
<b>Sub-Total: Retail Transmission</b>			<b>25.37</b>			<b>25.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.24%</b>	<b>7.41%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>116.31</b>			<b>113.29</b>	<b>-3.02</b>	<b>-2.60%</b>	<b>32.33%</b>	<b>33.11%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>115.00</b>			<b>111.98</b>	<b>-3.02</b>	<b>-2.63%</b>	<b>31.96%</b>	<b>32.72%</b>
Wholesale Market Service Rate	1,937	0.0036	6.97	1,937	0.0036	6.97	0.00	0.00%	1.99%	2.04%
Rural Rate Protection Charge	1,937	0.0021	4.07	1,937	0.0021	4.07	0.00	0.00%	1.16%	1.19%
Ontario Electricity Support Program Charge	1,937	0.0011	2.13	1,937	0.0011	2.13	0.00	0.00%	0.61%	0.62%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.07%	0.07%
<b>Sub-Total: Regulatory</b>			<b>13.42</b>			<b>13.42</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.83%</b>	<b>3.92%</b>
Debt Retirement Charge (DRC)	1,800	0.000	0.00	1,800	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>336.74</b>			<b>333.72</b>	<b>-3.02</b>	<b>-0.90%</b>	<b>95.24%</b>	
HST		0.13	43.78		0.13	43.38	-0.39	-0.90%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>380.51</b>			<b>377.10</b>	<b>-3.41</b>	<b>-0.90%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-26.94		-0.08	-26.70	0.24	-0.90%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>353.57</b>			<b>350.40</b>	<b>-3.17</b>	<b>-0.90%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>328.92</b>			<b>325.90</b>	<b>-3.02</b>	<b>-0.92%</b>		<b>95.24%</b>
HST		0.13	42.76		0.13	42.37	-0.39	-0.92%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>371.68</b>			<b>368.27</b>	<b>-3.41</b>	<b>-0.92%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-26.31		-0.08	-26.07	0.24	-0.92%		-7.62%
<b>Total Amount on TOU</b>			<b>345.37</b>			<b>342.20</b>	<b>-3.17</b>	<b>-0.92%</b>		<b>100.00%</b>

**2022 Bill Impacts (Low Consumption Level)**

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Rate Class	R2
Monthly Consumption (kWh)	450
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	497
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	450	0.103	46.35	450	0.103	46.35	0.00	0.00%	32.63%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>46.35</b>			<b>46.35</b>	<b>0.00</b>	<b>0.00%</b>	<b>32.63%</b>	
TOU-Off Peak	293	0.087	25.45	293	0.087	25.45	0.00	0.00%		17.38%
TOU-Mid Peak	77	0.132	10.10	77	0.132	10.10	0.00	0.00%		6.90%
TOU-On Peak	81	0.180	14.58	81	0.180	14.58	0.00	0.00%		9.96%
<b>Sub-Total: Energy (TOU)</b>			<b>50.13</b>			<b>50.13</b>	<b>0.00</b>	<b>0.00%</b>	<b>35.29%</b>	<b>34.23%</b>
Service Charge	1	55.32	55.32	1	68.19	68.19	12.87	23.26%	48.01%	46.57%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	-0.01%	-0.01%
Distribution Volumetric Rate	450	0.02	9.00	450	0.0117	5.27	-3.74	-41.50%	3.71%	3.60%
Volumetric Deferral/Variance Account Rider (including CBR Class)	450	0.0002	0.09	450	0.0002	0.09	0.00	0.00%	0.06%	0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>64.39</b>			<b>73.52</b>	<b>9.14</b>	<b>14.19%</b>	<b>51.76%</b>	<b>50.21%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.56%	0.54%
Line Losses on Cost of Power (based on two-tier RPP prices)	47	0.10	4.87	47	0.10	4.87	0.00	0.00%	3.43%	3.32%
Line Losses on Cost of Power (based on TOU prices)	47	0.11	5.26	47	0.11	5.26	0.00	0.00%	3.71%	3.59%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>70.05</b>			<b>79.18</b>	<b>9.14</b>	<b>13.04%</b>	<b>55.74%</b>	<b>54.08%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>70.44</b>			<b>79.58</b>	<b>9.14</b>	<b>12.97%</b>	<b>56.02%</b>	<b>54.35%</b>
Retail Transmission Rate – Network Service Rate	497	0.0068	3.38	497	0.0068	3.38	0.00	0.00%	2.38%	2.31%
Retail Transmission Rate – Line and Transformation Connection	497	0.0055	2.73	497	0.0055	2.73	0.00	0.00%	1.93%	1.87%
<b>Sub-Total: Retail Transmission</b>			<b>6.12</b>			<b>6.12</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.31%</b>	<b>4.18%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>76.16</b>			<b>85.30</b>	<b>9.14</b>	<b>11.99%</b>	<b>60.05%</b>	<b>58.25%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>76.56</b>			<b>85.69</b>	<b>9.14</b>	<b>11.93%</b>	<b>60.33%</b>	<b>58.52%</b>
Wholesale Market Service Rate	497	0.0036	1.79	497	0.0036	1.79	0.00	0.00%	1.26%	1.22%
Rural Rate Protection Charge	497	0.0021	1.04	497	0.0021	1.04	0.00	0.00%	0.74%	0.71%
Ontario Electricity Support Program Charge	497	0.0011	0.55	497	0.0011	0.55	0.00	0.00%	0.39%	0.37%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.18%	0.17%
<b>Sub-Total: Regulatory</b>			<b>3.63</b>			<b>3.63</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.56%</b>	<b>2.48%</b>
Debt Retirement Charge (DRC)	450	0.000	0.00	450	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>126.14</b>			<b>135.28</b>	<b>9.14</b>	<b>7.24%</b>	<b>95.24%</b>	
HST		0.13	16.40		0.13	17.59	1.19	7.24%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>142.54</b>			<b>152.87</b>	<b>10.32</b>	<b>7.24%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-10.09		-0.08	-10.82	-0.73	7.24%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>132.45</b>			<b>142.04</b>	<b>9.59</b>	<b>7.24%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>130.32</b>			<b>139.45</b>	<b>9.14</b>	<b>7.01%</b>		<b>95.24%</b>
HST		0.13	16.94		0.13	18.13	1.19	7.01%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>147.26</b>			<b>157.58</b>	<b>10.32</b>	<b>7.01%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-10.43		-0.08	-11.16	-0.73	7.01%		-7.62%
<b>Total Amount on TOU</b>			<b>136.83</b>			<b>146.42</b>	<b>9.59</b>	<b>7.01%</b>		<b>100.00%</b>

**2022 Bill Impacts (Typical Consumption Level)**

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Rate Class	R2
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	829
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	32.08%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	9.42%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>41.51%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		21.68%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		8.60%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		12.42%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.37%</b>	<b>42.71%</b>
Service Charge	1	55.32	55.32	1	68.19	68.19	12.87	23.26%	35.40%	34.86%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	-0.01%	-0.01%
Distribution Volumetric Rate	750	0.02	15.00	750	0.0117	8.78	-6.23	-41.50%	4.56%	4.49%
Volumetric Deferral/Variance Account Rider (including CBR Class)	750	0.0002	0.15	750	0.0002	0.15	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>70.45</b>			<b>77.09</b>	<b>6.65</b>	<b>9.43%</b>	<b>40.03%</b>	<b>39.42%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.41%	0.40%
Line Losses on Cost of Power (based on two-tier RPP prices)	79	0.12	9.53	79	0.12	9.53	0.00	0.00%	4.95%	4.87%
Line Losses on Cost of Power (based on TOU prices)	79	0.11	8.77	79	0.11	8.77	0.00	0.00%	4.55%	4.48%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>80.77</b>			<b>87.41</b>	<b>6.65</b>	<b>8.23%</b>	<b>45.38%</b>	<b>44.69%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>80.01</b>			<b>86.66</b>	<b>6.65</b>	<b>8.31%</b>	<b>44.99%</b>	<b>44.30%</b>
Retail Transmission Rate – Network Service Rate	829	0.0068	5.64	829	0.0068	5.64	0.00	0.00%	2.93%	2.88%
Retail Transmission Rate – Line and Transformation Connection	829	0.0055	4.56	829	0.0055	4.56	0.00	0.00%	2.37%	2.33%
<b>Sub-Total: Retail Transmission</b>			<b>10.19</b>			<b>10.19</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.29%</b>	<b>5.21%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>90.96</b>			<b>97.61</b>	<b>6.65</b>	<b>7.31%</b>	<b>50.67%</b>	<b>49.90%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>90.21</b>			<b>96.85</b>	<b>6.65</b>	<b>7.37%</b>	<b>50.28%</b>	<b>49.52%</b>
Wholesale Market Service Rate	829	0.0036	2.98	829	0.0036	2.98	0.00	0.00%	1.55%	1.53%
Rural Rate Protection Charge	829	0.0021	1.74	829	0.0021	1.74	0.00	0.00%	0.90%	0.89%
Ontario Electricity Support Program Charge	829	0.0011	0.91	829	0.0011	0.91	0.00	0.00%	0.47%	0.47%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.13%	0.13%
<b>Sub-Total: Regulatory</b>			<b>5.89</b>			<b>5.89</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.06%</b>	<b>3.01%</b>
Debt Retirement Charge (DRC)	750	0.000	0.00	750	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>176.80</b>			<b>183.44</b>	<b>6.65</b>	<b>3.76%</b>	<b>95.24%</b>	
HST		0.13	22.98		0.13	23.85	0.86	3.76%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>199.78</b>			<b>207.29</b>	<b>7.51</b>	<b>3.76%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-14.14		-0.08	-14.68	-0.53	3.76%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>185.64</b>			<b>192.61</b>	<b>6.98</b>	<b>3.76%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>179.63</b>			<b>186.28</b>	<b>6.65</b>	<b>3.70%</b>		<b>95.24%</b>
HST		0.13	23.35		0.13	24.22	0.86	3.70%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>202.99</b>			<b>210.49</b>	<b>7.51</b>	<b>3.70%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-14.37		-0.08	-14.90	-0.53	3.70%		-7.62%
<b>Total Amount on TOU</b>			<b>188.61</b>			<b>195.59</b>	<b>6.98</b>	<b>3.70%</b>		<b>100.00%</b>

**2022 Bill Impacts (Average Consumption Level)**

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Rate Class	R2
Monthly Consumption (kWh)	1,152
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1273
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	23.50%	
Energy Second Tier (kWh)	552	0.121	66.79	552	0.121	66.79	0.00	0.00%	25.40%	
<b>Sub-Total: Energy (RPP)</b>			<b>128.59</b>			<b>128.59</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.90%</b>	
TOU-Off Peak	749	0.087	65.15	749	0.087	65.15	0.00	0.00%		24.91%
TOU-Mid Peak	196	0.132	25.85	196	0.132	25.85	0.00	0.00%		9.89%
TOU-On Peak	207	0.180	37.32	207	0.180	37.32	0.00	0.00%		14.27%
<b>Sub-Total: Energy (TOU)</b>			<b>128.32</b>			<b>128.32</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.79%</b>	<b>49.08%</b>
Service Charge	1	55.32	55.32	1	68.19	68.19	12.87	23.26%	25.93%	26.08%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	-0.01%	-0.01%
Distribution Volumetric Rate	1,152	0.02	23.04	1,152	0.0117	13.48	-9.56	-41.50%	5.13%	5.15%
Volumetric Deferral/Variance Account Rider (including CBR Class)	1,152	0.0002	0.23	1,152	0.0002	0.23	0.00	0.00%	0.09%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>78.57</b>			<b>81.88</b>	<b>3.31</b>	<b>4.21%</b>	<b>31.13%</b>	<b>31.31%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.30%	0.30%
Line Losses on Cost of Power (based on two-tier RPP prices)	121	0.12	14.64	121	0.12	14.64	0.00	0.00%	5.57%	5.60%
Line Losses on Cost of Power (based on TOU prices)	121	0.11	13.47	121	0.11	13.47	0.00	0.00%	5.12%	5.15%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>94.00</b>			<b>97.30</b>	<b>3.31</b>	<b>3.52%</b>	<b>37.00%</b>	<b>37.21%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>92.83</b>			<b>96.14</b>	<b>3.31</b>	<b>3.56%</b>	<b>36.56%</b>	<b>36.77%</b>
Retail Transmission Rate – Network Service Rate	1,273	0.0068	8.66	1,273	0.0068	8.66	0.00	0.00%	3.29%	3.31%
Retail Transmission Rate – Line and Transformation Connection	1,273	0.0055	7.00	1,273	0.0055	7.00	0.00	0.00%	2.66%	2.68%
<b>Sub-Total: Retail Transmission</b>			<b>15.66</b>			<b>15.66</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.95%</b>	<b>5.99%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>109.65</b>			<b>112.96</b>	<b>3.31</b>	<b>3.02%</b>	<b>42.95%</b>	<b>43.20%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>108.49</b>			<b>111.80</b>	<b>3.31</b>	<b>3.05%</b>	<b>42.51%</b>	<b>42.76%</b>
Wholesale Market Service Rate	1,273	0.0036	4.58	1,273	0.0036	4.58	0.00	0.00%	1.74%	1.75%
Rural Rate Protection Charge	1,273	0.0021	2.67	1,273	0.0021	2.67	0.00	0.00%	1.02%	1.02%
Ontario Electricity Support Program Charge	1,273	0.0011	1.40	1,273	0.0011	1.40	0.00	0.00%	0.53%	0.54%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Regulatory</b>			<b>8.91</b>			<b>8.91</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.39%</b>	<b>3.41%</b>
Debt Retirement Charge (DRC)	1,152	0.000	0.00	1,152	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>247.15</b>			<b>250.46</b>	<b>3.31</b>	<b>1.34%</b>	<b>95.24%</b>	
HST		0.13	32.13		0.13	32.56	0.43	1.34%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>279.28</b>			<b>283.02</b>	<b>3.74</b>	<b>1.34%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-19.77		-0.08	-20.04	-0.26	1.34%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>259.51</b>			<b>262.98</b>	<b>3.47</b>	<b>1.34%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>245.72</b>			<b>249.03</b>	<b>3.31</b>	<b>1.35%</b>		<b>95.24%</b>
HST		0.13	31.94		0.13	32.37	0.43	1.35%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>277.66</b>			<b>281.40</b>	<b>3.74</b>	<b>1.35%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-19.66		-0.08	-19.92	-0.26	1.35%		-7.62%
<b>Total Amount on TOU</b>			<b>258.00</b>			<b>261.48</b>	<b>3.47</b>	<b>1.35%</b>		<b>100.00%</b>

**2022 Bill Impacts (High Consumption Level)**

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Rate Class	R2
Monthly Consumption (kWh)	2300
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	2542
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	13.32%	
Energy Second Tier (kWh)	1,700	0.121	205.70	1,700	0.121	205.70	0.00	0.00%	44.34%	
<b>Sub-Total: Energy (RPP)</b>			<b>267.50</b>			<b>267.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.66%</b>	
TOU-Off Peak	1,495	0.087	130.07	1,495	0.087	130.07	0.00	0.00%		28.93%
TOU-Mid Peak	391	0.132	51.61	391	0.132	51.61	0.00	0.00%		11.48%
TOU-On Peak	414	0.180	74.52	414	0.180	74.52	0.00	0.00%		16.57%
<b>Sub-Total: Energy (TOU)</b>			<b>256.20</b>			<b>256.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.22%</b>	<b>56.98%</b>
Service Charge	1	55.32	55.32	1	68.19	68.19	12.87	23.26%	14.70%	15.17%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	2,300	0.02	46.00	2,300	0.0117	26.91	-19.09	-41.50%	5.80%	5.98%
Volumetric Deferral/Variance Account Rider (including CBR Class)	2,300	0.0002	0.46	2,300	0.0002	0.46	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>101.76</b>			<b>95.54</b>	<b>-6.22</b>	<b>-6.11%</b>	<b>20.59%</b>	<b>21.25%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.17%	0.18%
Line Losses on Cost of Power (based on two-tier RPP prices)	242	0.12	29.22	242	0.12	29.22	0.00	0.00%	6.30%	6.50%
Line Losses on Cost of Power (based on TOU prices)	242	0.11	26.90	242	0.11	26.90	0.00	0.00%	5.80%	5.98%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>131.77</b>			<b>125.55</b>	<b>-6.22</b>	<b>-4.72%</b>	<b>27.06%</b>	<b>27.92%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>129.45</b>			<b>123.23</b>	<b>-6.22</b>	<b>-4.80%</b>	<b>26.56%</b>	<b>27.41%</b>
Retail Transmission Rate – Network Service Rate	2,542	0.0068	17.28	2,542	0.0068	17.28	0.00	0.00%	3.73%	3.84%
Retail Transmission Rate – Line and Transformation Connection	2,542	0.0055	13.98	2,542	0.0055	13.98	0.00	0.00%	3.01%	3.11%
<b>Sub-Total: Retail Transmission</b>			<b>31.26</b>			<b>31.26</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.74%</b>	<b>6.95%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>163.03</b>			<b>156.81</b>	<b>-6.22</b>	<b>-3.82%</b>	<b>33.80%</b>	<b>34.88%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>160.71</b>			<b>154.49</b>	<b>-6.22</b>	<b>-3.87%</b>	<b>33.30%</b>	<b>34.36%</b>
Wholesale Market Service Rate	2,542	0.0036	9.15	2,542	0.0036	9.15	0.00	0.00%	1.97%	2.03%
Rural Rate Protection Charge	2,542	0.0021	5.34	2,542	0.0021	5.34	0.00	0.00%	1.15%	1.19%
Ontario Electricity Support Program Charge	2,542	0.0011	2.80	2,542	0.0011	2.80	0.00	0.00%	0.60%	0.62%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.06%
<b>Sub-Total: Regulatory</b>			<b>17.53</b>			<b>17.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.78%</b>	<b>3.90%</b>
Debt Retirement Charge (DRC)	2,300	0.000	0.00	2,300	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>448.06</b>			<b>441.84</b>	<b>-6.22</b>	<b>-1.39%</b>	<b>95.24%</b>	
HST		0.13	58.25		0.13	57.44	-0.81	-1.39%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>506.31</b>			<b>499.28</b>	<b>-7.03</b>	<b>-1.39%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-35.85		-0.08	-35.35	0.50	-1.39%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>470.47</b>			<b>463.94</b>	<b>-6.53</b>	<b>-1.39%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>434.44</b>			<b>428.22</b>	<b>-6.22</b>	<b>-1.43%</b>		<b>95.24%</b>
HST		0.13	56.48		0.13	55.67	-0.81	-1.43%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>490.92</b>			<b>483.89</b>	<b>-7.03</b>	<b>-1.43%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-34.76		-0.08	-34.26	0.50	-1.43%	-7.62%	
<b>Total Amount on TOU</b>			<b>456.16</b>			<b>449.63</b>	<b>-6.53</b>	<b>-1.43%</b>		<b>100.00%</b>

**2022 Bill Impacts (Low Consumption Level)**

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Rate Class	Seasonal
Monthly Consumption (kWh)	50
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	55
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	50	0.103	5.15	50	0.103	5.15	0.00	0.00%	7.00%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>5.15</b>			<b>5.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.00%</b>	
TOU-Off Peak	33	0.087	2.83	33	0.087	2.83	0.00	0.00%		3.82%
TOU-Mid Peak	9	0.132	1.12	9	0.132	1.12	0.00	0.00%		1.51%
TOU-On Peak	9	0.180	1.62	9	0.180	1.62	0.00	0.00%		2.19%
<b>Sub-Total: Energy (TOU)</b>			<b>5.57</b>			<b>5.57</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.57%</b>	<b>7.52%</b>
Service Charge	1	55.4	55.40	1	61.5	61.50	6.10	11.01%	83.54%	82.99%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	50	0.0315	1.58	50	0.0184	0.92	-0.66	-41.59%	1.25%	1.24%
Volumetric Deferral/Variance Account Rider (including CBR Class)	50	0.0002	0.01	50	0.0002	0.01	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>56.99</b>			<b>62.43</b>	<b>5.45</b>	<b>9.56%</b>	<b>84.80%</b>	<b>84.25%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.07%	1.07%
Line Losses on Cost of Power (based on two-tier RPP prices)	5	0.10	0.54	5	0.10	0.54	0.00	0.00%	0.73%	0.72%
Line Losses on Cost of Power (based on TOU prices)	5	0.11	0.58	5	0.11	0.58	0.00	0.00%	0.79%	0.78%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>58.31</b>			<b>63.76</b>	<b>5.45</b>	<b>9.34%</b>	<b>86.61%</b>	<b>86.04%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>58.35</b>			<b>63.80</b>	<b>5.45</b>	<b>9.33%</b>	<b>86.66%</b>	<b>86.10%</b>
Retail Transmission Rate – Network Service Rate	55	0.0058	0.32	55	0.0058	0.32	0.00	0.00%	0.43%	0.43%
Retail Transmission Rate – Line and Transformation Connection	55	0.0047	0.26	55	0.0047	0.26	0.00	0.00%	0.35%	0.35%
<b>Sub-Total: Retail Transmission</b>			<b>0.58</b>			<b>0.58</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.79%</b>	<b>0.78%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>58.89</b>			<b>64.34</b>	<b>5.45</b>	<b>9.25%</b>	<b>87.39%</b>	<b>86.82%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>58.93</b>			<b>64.38</b>	<b>5.45</b>	<b>9.24%</b>	<b>87.45%</b>	<b>86.88%</b>
Wholesale Market Service Rate	55	0.0036	0.20	55	0.0036	0.20	0.00	0.00%	0.27%	0.27%
Rural Rate Protection Charge	55	0.0021	0.12	55	0.0021	0.12	0.00	0.00%	0.16%	0.16%
Ontario Electricity Support Program Charge	55	0.0011	0.06	55	0.0011	0.06	0.00	0.00%	0.08%	0.08%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.34%	0.34%
<b>Sub-Total: Regulatory</b>			<b>0.63</b>			<b>0.63</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.85%</b>	<b>0.84%</b>
Debt Retirement Charge (DRC)	50	0.000	0.00	50	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>64.67</b>			<b>70.11</b>	<b>5.45</b>	<b>8.42%</b>	<b>95.24%</b>	
HST		0.13	8.41		0.13	9.11	0.71	8.42%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>73.07</b>			<b>79.22</b>	<b>6.15</b>	<b>8.42%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-5.17		-0.08	-5.61	-0.44	8.42%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>67.90</b>			<b>73.62</b>	<b>5.72</b>	<b>8.42%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>65.13</b>			<b>70.57</b>	<b>5.45</b>	<b>8.36%</b>		<b>95.24%</b>
HST		0.13	8.47		0.13	9.17	0.71	8.36%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>73.60</b>			<b>79.75</b>	<b>6.15</b>	<b>8.36%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-5.21		-0.08	-5.65	-0.44	8.36%		-7.62%
<b>Total Amount on TOU</b>			<b>68.39</b>			<b>74.10</b>	<b>5.72</b>	<b>8.36%</b>		<b>100.00%</b>

**2022 Bill Impacts (Typical Consumption Level)**

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Rate Class	Seasonal
Monthly Consumption (kWh)	350
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	386
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	350	0.103	36.05	350	0.103	36.05	0.00	0.00%	29.72%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.05</b>			<b>36.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>29.72%</b>	
TOU-Off Peak	228	0.087	19.79	228	0.087	19.79	0.00	0.00%		15.87%
TOU-Mid Peak	60	0.132	7.85	60	0.132	7.85	0.00	0.00%		6.30%
TOU-On Peak	63	0.180	11.34	63	0.180	11.34	0.00	0.00%		9.09%
<b>Sub-Total: Energy (TOU)</b>			<b>38.99</b>			<b>38.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>32.14%</b>	<b>31.26%</b>
Service Charge	1	55.4	55.40	1	61.5	61.50	6.10	11.01%	50.70%	49.31%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	350	0.0315	11.03	350	0.0184	6.44	-4.59	-41.59%	5.31%	5.16%
Volumetric Deferral/Variance Account Rider (including CBR Class	350	0.0002	0.07	350	0.0002	0.07	0.00	0.00%	0.06%	0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>66.50</b>			<b>68.01</b>	<b>1.52</b>	<b>2.28%</b>	<b>56.06%</b>	<b>54.53%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.65%	0.63%
Line Losses on Cost of Power (based on two-tier RPP prices)	36	0.10	3.75	36	0.10	3.75	0.00	0.00%	3.09%	3.01%
Line Losses on Cost of Power (based on TOU prices)	36	0.11	4.05	36	0.11	4.05	0.00	0.00%	3.34%	3.25%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>71.03</b>			<b>72.55</b>	<b>1.52</b>	<b>2.13%</b>	<b>59.80%</b>	<b>58.17%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>71.34</b>			<b>72.85</b>	<b>1.52</b>	<b>2.12%</b>	<b>60.06%</b>	<b>58.42%</b>
Retail Transmission Rate – Network Service Rate	386	0.0058	2.24	386	0.0058	2.24	0.00	0.00%	1.85%	1.80%
Retail Transmission Rate – Line and Transformation Connection S	386	0.0047	1.82	386	0.0047	1.82	0.00	0.00%	1.50%	1.46%
<b>Sub-Total: Retail Transmission</b>			<b>4.06</b>			<b>4.06</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.34%</b>	<b>3.25%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>75.09</b>			<b>76.61</b>	<b>1.52</b>	<b>2.02%</b>	<b>63.15%</b>	<b>61.43%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>75.40</b>			<b>76.91</b>	<b>1.52</b>	<b>2.01%</b>	<b>63.40%</b>	<b>61.67%</b>
Wholesale Market Service Rate	386	0.0036	1.39	386	0.0036	1.39	0.00	0.00%	1.15%	1.12%
Rural Rate Protection Charge	386	0.0021	0.81	386	0.0021	0.81	0.00	0.00%	0.67%	0.65%
Ontario Electricity Support Program Charge	386	0.0011	0.43	386	0.0011	0.43	0.00	0.00%	0.35%	0.34%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.21%	0.20%
<b>Sub-Total: Regulatory</b>			<b>2.88</b>			<b>2.88</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.37%</b>	<b>2.31%</b>
<b>Debt Retirement Charge (DRC)</b>	350	0.000	<b>0.00</b>	350	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>114.02</b>			<b>115.53</b>	<b>1.52</b>	<b>1.33%</b>	<b>95.24%</b>	
HST		0.13	14.82		0.13	15.02	0.20	1.33%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>128.84</b>			<b>130.55</b>	<b>1.71</b>	<b>1.33%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-9.12		-0.08	-9.24	-0.12	1.33%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>119.72</b>			<b>121.31</b>	<b>1.59</b>	<b>1.33%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>117.26</b>			<b>118.78</b>	<b>1.52</b>	<b>1.29%</b>		<b>95.24%</b>
HST		0.13	15.24		0.13	15.44	0.20	1.29%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>132.50</b>			<b>134.22</b>	<b>1.71</b>	<b>1.29%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-9.38		-0.08	-9.50	-0.12	1.29%		-7.62%
<b>Total Amount on TOU</b>			<b>123.12</b>			<b>124.71</b>	<b>1.59</b>	<b>1.29%</b>		<b>100.00%</b>

**2022 Bill Impacts (Average Consumption Level)**

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Rate Class	Seasonal
Monthly Consumption (kWh)	352
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	389
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	352	0.103	36.26	352	0.103	36.26	0.00	0.00%	29.81%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.26</b>			<b>36.26</b>	<b>0.00</b>	<b>0.00%</b>	<b>29.81%</b>	
TOU-Off Peak	229	0.087	19.91	229	0.087	19.91	0.00	0.00%		15.92%
TOU-Mid Peak	60	0.132	7.90	60	0.132	7.90	0.00	0.00%		6.32%
TOU-On Peak	63	0.180	11.40	63	0.180	11.40	0.00	0.00%		9.12%
<b>Sub-Total: Energy (TOU)</b>			<b>39.21</b>			<b>39.21</b>	<b>0.00</b>	<b>0.00%</b>	<b>32.24%</b>	<b>31.35%</b>
Service Charge	1	55.4	55.40	1	61.5	61.50	6.10	11.01%	50.56%	49.18%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	352	0.0315	11.09	352	0.0184	6.48	-4.61	-41.59%	5.33%	5.18%
Volumetric Deferral/Variance Account Rider (including CBR Class)	352	0.0002	0.07	352	0.0002	0.07	0.00	0.00%	0.06%	0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>66.56</b>			<b>68.05</b>	<b>1.49</b>	<b>2.24%</b>	<b>55.95%</b>	<b>54.42%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.65%	0.63%
Line Losses on Cost of Power (based on two-tier RPP prices)	37	0.10	3.77	37	0.10	3.77	0.00	0.00%	3.10%	3.02%
Line Losses on Cost of Power (based on TOU prices)	37	0.11	4.08	37	0.11	4.08	0.00	0.00%	3.35%	3.26%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>71.12</b>			<b>72.61</b>	<b>1.49</b>	<b>2.09%</b>	<b>59.70%</b>	<b>58.06%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>71.43</b>			<b>72.91</b>	<b>1.49</b>	<b>2.08%</b>	<b>59.95%</b>	<b>58.31%</b>
Retail Transmission Rate – Network Service Rate	389	0.0058	2.25	389	0.0058	2.25	0.00	0.00%	1.85%	1.80%
Retail Transmission Rate – Line and Transformation Connection	389	0.0047	1.83	389	0.0047	1.83	0.00	0.00%	1.50%	1.46%
<b>Sub-Total: Retail Transmission</b>			<b>4.08</b>			<b>4.08</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.35%</b>	<b>3.26%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>75.20</b>			<b>76.69</b>	<b>1.49</b>	<b>1.98%</b>	<b>63.05%</b>	<b>61.33%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>75.51</b>			<b>77.00</b>	<b>1.49</b>	<b>1.97%</b>	<b>63.30%</b>	<b>61.57%</b>
Wholesale Market Service Rate	389	0.0036	1.40	389	0.0036	1.40	0.00	0.00%	1.15%	1.12%
Rural Rate Protection Charge	389	0.0021	0.82	389	0.0021	0.82	0.00	0.00%	0.67%	0.65%
Ontario Electricity Support Program Charge	389	0.0011	0.43	389	0.0011	0.43	0.00	0.00%	0.35%	0.34%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.21%	0.20%
<b>Sub-Total: Regulatory</b>			<b>2.89</b>			<b>2.89</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.38%</b>	<b>2.31%</b>
<b>Debt Retirement Charge (DRC)</b>	352	0.000	<b>0.00</b>	352	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>114.35</b>			<b>115.84</b>	<b>1.49</b>	<b>1.30%</b>	<b>95.24%</b>	
HST		0.13	14.87		0.13	15.06	0.19	1.30%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>129.21</b>			<b>130.90</b>	<b>1.68</b>	<b>1.30%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-9.15		-0.08	-9.27	-0.12	1.30%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>120.07</b>			<b>121.63</b>	<b>1.56</b>	<b>1.30%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>117.61</b>			<b>119.10</b>	<b>1.49</b>	<b>1.27%</b>		<b>95.24%</b>
HST		0.13	15.29		0.13	15.48	0.19	1.27%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>132.90</b>			<b>134.58</b>	<b>1.68</b>	<b>1.27%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-9.41		-0.08	-9.53	-0.12	1.27%		-7.62%
<b>Total Amount on TOU</b>			<b>123.49</b>			<b>125.05</b>	<b>1.56</b>	<b>1.27%</b>		<b>100.00%</b>

**2022 Bill Impacts (High Consumption Level)**

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Rate Class	Seasonal
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1104
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	26.39%	
Energy Second Tier (kWh)	400	0.121	48.40	400	0.121	48.40	0.00	0.00%	20.67%	
<b>Sub-Total: Energy (RPP)</b>			<b>110.20</b>			<b>110.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.06%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		24.13%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		9.57%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		13.82%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.57%</b>	<b>47.53%</b>
Service Charge	1	55.4	55.40	1	61.5	61.50	6.10	11.01%	26.26%	26.24%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,000	0.0315	31.50	1,000	0.0184	18.40	-13.10	-41.59%	7.86%	7.85%
Volumetric Deferral/Variance Account Rider (including CBR Class	1,000	0.0002	0.20	1,000	0.0002	0.20	0.00	0.00%	0.09%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>87.10</b>			<b>80.10</b>	<b>-7.00</b>	<b>-8.04%</b>	<b>34.21%</b>	<b>34.18%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.34%	0.34%
Line Losses on Cost of Power (based on two-tier RPP prices)	104	0.12	12.58	104	0.12	12.58	0.00	0.00%	5.37%	5.37%
Line Losses on Cost of Power (based on TOU prices)	104	0.11	11.58	104	0.11	11.58	0.00	0.00%	4.95%	4.94%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>100.47</b>			<b>93.47</b>	<b>-7.00</b>	<b>-6.97%</b>	<b>39.92%</b>	<b>39.88%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>99.47</b>			<b>92.47</b>	<b>-7.00</b>	<b>-7.04%</b>	<b>39.49%</b>	<b>39.46%</b>
Retail Transmission Rate – Network Service Rate	1,104	0.0058	6.40	1,104	0.0058	6.40	0.00	0.00%	2.73%	2.73%
Retail Transmission Rate – Line and Transformation Connection S	1,104	0.0047	5.19	1,104	0.0047	5.19	0.00	0.00%	2.22%	2.21%
<b>Sub-Total: Retail Transmission</b>			<b>11.59</b>			<b>11.59</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.95%</b>	<b>4.95%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>112.07</b>			<b>105.07</b>	<b>-7.00</b>	<b>-6.25%</b>	<b>44.87%</b>	<b>44.83%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>111.07</b>			<b>104.07</b>	<b>-7.00</b>	<b>-6.30%</b>	<b>44.44%</b>	<b>44.40%</b>
Wholesale Market Service Rate	1,104	0.0036	3.97	1,104	0.0036	3.97	0.00	0.00%	1.70%	1.70%
Rural Rate Protection Charge	1,104	0.0021	2.32	1,104	0.0021	2.32	0.00	0.00%	0.99%	0.99%
Ontario Electricity Support Program Charge	1,104	0.0011	1.21	1,104	0.0011	1.21	0.00	0.00%	0.52%	0.52%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.11%	0.11%
<b>Sub-Total: Regulatory</b>			<b>7.76</b>			<b>7.76</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.31%</b>	<b>3.31%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.000	<b>0.00</b>	1,000	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>230.02</b>			<b>223.02</b>	<b>-7.00</b>	<b>-3.04%</b>	<b>95.24%</b>	
HST		0.13	29.90		0.13	28.99	-0.91	-3.04%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>259.93</b>			<b>252.02</b>	<b>-7.91</b>	<b>-3.04%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-18.40		-0.08	-17.84	0.56	-3.04%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>241.52</b>			<b>234.17</b>	<b>-7.35</b>	<b>-3.04%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>230.21</b>			<b>223.21</b>	<b>-7.00</b>	<b>-3.04%</b>		<b>95.24%</b>
HST		0.13	29.93		0.13	29.02	-0.91	-3.04%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>260.14</b>			<b>252.23</b>	<b>-7.91</b>	<b>-3.04%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-18.42		-0.08	-17.86	0.56	-3.04%		-7.62%
<b>Total Amount on TOU</b>			<b>241.72</b>			<b>234.37</b>	<b>-7.35</b>	<b>-3.04%</b>		<b>100.00%</b>

**2022 Bill Impacts (Low Consumption Level)**

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Rate Class	UGe
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	1067
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	36.76%	
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	14.39%	
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.15%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		26.48%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		10.51%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		15.17%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.00%</b>	<b>52.15%</b>
Service Charge	1	25.6	25.60	1	26.15	26.15	0.55	2.15%	12.44%	12.24%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,000	0.0308	30.80	1,000	0.0317	31.70	0.90	2.92%	15.08%	14.84%
Volumetric Deferral/Variance Account Rider (including CBR Class)	1,000	0.0002	0.2000	1,000	0.0002	0.2000	0.00	0.00%	0.10%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>56.61</b>			<b>58.06</b>	<b>1.45</b>	<b>2.56%</b>	<b>27.62%</b>	<b>27.18%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.38%	0.37%
Line Losses on Cost of Power (based on two-tier RPP prices)	67	0.12	8.11	67	0.12	8.11	0.00	0.00%	3.86%	3.80%
Line Losses on Cost of Power (based on TOU prices)	67	0.11	7.46	67	0.11	7.46	0.00	0.00%	3.55%	3.49%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>65.51</b>			<b>66.96</b>	<b>1.45</b>	<b>2.21%</b>	<b>31.86%</b>	<b>31.35%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>64.86</b>			<b>66.31</b>	<b>1.45</b>	<b>2.24%</b>	<b>31.55%</b>	<b>31.05%</b>
Retail Transmission Rate – Network Service Rate	1,067	0.0058	6.19	1,067	0.0058	6.19	0.00	0.00%	2.94%	2.90%
Retail Transmission Rate – Line and Transformation Connection	1,067	0.0047	5.01	1,067	0.0047	5.01	0.00	0.00%	2.39%	2.35%
<b>Sub-Total: Retail Transmission</b>			<b>11.20</b>			<b>11.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.33%</b>	<b>5.25%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>76.71</b>			<b>78.16</b>	<b>1.45</b>	<b>1.89%</b>	<b>37.19%</b>	<b>36.59%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>76.07</b>			<b>77.52</b>	<b>1.45</b>	<b>1.91%</b>	<b>36.88%</b>	<b>36.29%</b>
Wholesale Market Service Rate	1,067	0.0036	3.84	1,067	0.0036	3.84	0.00	0.00%	1.83%	1.80%
Rural Rate Protection Charge	1,067	0.0021	2.24	1,067	0.0021	2.24	0.00	0.00%	1.07%	1.05%
Ontario Electricity Support Program Charge	1,067	0.0011	1.17	1,067	0.0011	1.17	0.00	0.00%	0.56%	0.55%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.12%	0.12%
<b>Sub-Total: Regulatory</b>			<b>7.51</b>			<b>7.51</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.57%</b>	<b>3.51%</b>
Debt Retirement Charge (DRC)	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	3.33%	3.28%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>198.72</b>			<b>200.17</b>	<b>1.45</b>	<b>0.73%</b>	<b>95.24%</b>	
HST		0.13	25.83		0.13	26.02	0.19	0.73%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>224.55</b>			<b>226.19</b>	<b>1.64</b>	<b>0.73%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-15.90		-0.08	-16.01	-0.12	0.73%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>208.65</b>			<b>210.17</b>	<b>1.52</b>	<b>0.73%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>201.96</b>			<b>203.41</b>	<b>1.45</b>	<b>0.72%</b>		<b>95.24%</b>
HST		0.13	26.26		0.13	26.44	0.19	0.72%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>228.22</b>			<b>229.86</b>	<b>1.64</b>	<b>0.72%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-16.16		-0.08	-16.27	-0.12	0.72%		-7.62%
<b>Total Amount on TOU</b>			<b>212.06</b>			<b>213.58</b>	<b>1.52</b>	<b>0.72%</b>		<b>100.00%</b>

**2022 Bill Impacts (Typical Consumption Level)**

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Rate Class	UGe
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2134
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	19.03%	
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	37.26%	
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.29%</b>	
TOU-Off Peak	1,300	0.087	113.10	1,300	0.087	113.10	0.00	0.00%		28.37%
TOU-Mid Peak	340	0.132	44.88	340	0.132	44.88	0.00	0.00%		11.26%
TOU-On Peak	360	0.180	64.80	360	0.180	64.80	0.00	0.00%		16.26%
<b>Sub-Total: Energy (TOU)</b>			<b>222.78</b>			<b>222.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.88%</b>	<b>55.89%</b>
Service Charge	1	25.6	25.60	1	26.15	26.15	0.55	2.15%	6.44%	6.56%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	2,000	0.0308	61.60	2,000	0.0317	63.40	1.80	2.92%	15.62%	15.91%
Volumetric Deferral/Variance Account Rider (including CBR Class)	2,000	0.0002	0.4000	2,000	0.0002	0.4000	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>87.61</b>			<b>89.96</b>	<b>2.35</b>	<b>2.68%</b>	<b>22.16%</b>	<b>22.57%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.19%	0.20%
Line Losses on Cost of Power (based on two-tier RPP prices)	134	0.12	16.21	134	0.12	16.21	0.00	0.00%	3.99%	4.07%
Line Losses on Cost of Power (based on TOU prices)	134	0.11	14.93	134	0.11	14.93	0.00	0.00%	3.68%	3.74%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>104.61</b>			<b>106.96</b>	<b>2.35</b>	<b>2.25%</b>	<b>26.35%</b>	<b>26.83%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>103.33</b>			<b>105.68</b>	<b>2.35</b>	<b>2.27%</b>	<b>26.03%</b>	<b>26.51%</b>
Retail Transmission Rate – Network Service Rate	2,134	0.0058	12.38	2,134	0.0058	12.38	0.00	0.00%	3.05%	3.11%
Retail Transmission Rate – Line and Transformation Connection	2,134	0.0047	10.03	2,134	0.0047	10.03	0.00	0.00%	2.47%	2.52%
<b>Sub-Total: Retail Transmission</b>			<b>22.41</b>			<b>22.41</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.52%</b>	<b>5.62%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>127.02</b>			<b>129.37</b>	<b>2.35</b>	<b>1.85%</b>	<b>31.87%</b>	<b>32.46%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>125.73</b>			<b>128.08</b>	<b>2.35</b>	<b>1.87%</b>	<b>31.55%</b>	<b>32.13%</b>
Wholesale Market Service Rate	2,134	0.0036	7.68	2,134	0.0036	7.68	0.00	0.00%	1.89%	1.93%
Rural Rate Protection Charge	2,134	0.0021	4.48	2,134	0.0021	4.48	0.00	0.00%	1.10%	1.12%
Ontario Electricity Support Program Charge	2,134	0.0011	2.35	2,134	0.0011	2.35	0.00	0.00%	0.58%	0.59%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%	0.06%
<b>Sub-Total: Regulatory</b>			<b>14.76</b>			<b>14.76</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.64%</b>	<b>3.70%</b>
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	3.45%	3.51%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>384.28</b>			<b>386.63</b>	<b>2.35</b>	<b>0.61%</b>	<b>95.24%</b>	
HST		0.13	49.96		0.13	50.26	0.31	0.61%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>434.24</b>			<b>436.89</b>	<b>2.66</b>	<b>0.61%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-30.74		-0.08	-30.93	-0.19	0.61%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>403.50</b>			<b>405.96</b>	<b>2.47</b>	<b>0.61%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>377.27</b>			<b>379.62</b>	<b>2.35</b>	<b>0.62%</b>		<b>95.24%</b>
HST		0.13	49.05		0.13	49.35	0.31	0.62%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>426.32</b>			<b>428.98</b>	<b>2.66</b>	<b>0.62%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-30.18		-0.08	-30.37	-0.19	0.62%		-7.62%
<b>Total Amount on TOU</b>			<b>396.14</b>			<b>398.61</b>	<b>2.47</b>	<b>0.62%</b>		<b>100.00%</b>

**2022 Bill Impacts (Average Consumption Level)**

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Rate Class	UGe
Monthly Consumption (kWh)	2,759
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2943.853
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	13.93%	
Energy Second Tier (kWh)	2,009	0.121	243.09	2,009	0.121	243.09	0.00	0.00%	43.83%	
<b>Sub-Total: Energy (RPP)</b>			<b>320.34</b>			<b>320.34</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.76%</b>	
TOU-Off Peak	1,793	0.087	156.02	1,793	0.087	156.02	0.00	0.00%		28.94%
TOU-Mid Peak	469	0.132	61.91	469	0.132	61.91	0.00	0.00%		11.49%
TOU-On Peak	497	0.180	89.39	497	0.180	89.39	0.00	0.00%		16.58%
<b>Sub-Total: Energy (TOU)</b>			<b>307.33</b>			<b>307.33</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.42%</b>	<b>57.01%</b>
Service Charge	1	25.6	25.60	1	26.15	26.15	0.55	2.15%	4.72%	4.85%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	2,759	0.0308	84.98	2,759	0.0317	87.46	2.48	2.92%	15.77%	16.23%
Volumetric Deferral/Variance Account Rider (including CBR Class)	2,759	0.0002	0.5518	2,759	0.0002	0.5518	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>111.14</b>			<b>114.17</b>	<b>3.03</b>	<b>2.73%</b>	<b>20.59%</b>	<b>21.18%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.14%	0.15%
Line Losses on Cost of Power (based on two-tier RPP prices)	185	0.12	22.37	185	0.12	22.37	0.00	0.00%	4.03%	4.15%
Line Losses on Cost of Power (based on TOU prices)	185	0.11	20.59	185	0.11	20.59	0.00	0.00%	3.71%	3.82%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>134.30</b>			<b>137.33</b>	<b>3.03</b>	<b>2.26%</b>	<b>24.76%</b>	<b>25.48%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>132.52</b>			<b>135.55</b>	<b>3.03</b>	<b>2.29%</b>	<b>24.44%</b>	<b>25.15%</b>
Retail Transmission Rate – Network Service Rate	2,944	0.0058	17.07	2,944	0.0058	17.07	0.00	0.00%	3.08%	3.17%
Retail Transmission Rate – Line and Transformation Connection	2,944	0.0047	13.84	2,944	0.0047	13.84	0.00	0.00%	2.49%	2.57%
<b>Sub-Total: Retail Transmission</b>			<b>30.91</b>			<b>30.91</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.57%</b>	<b>5.73%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>165.21</b>			<b>168.24</b>	<b>3.03</b>	<b>1.84%</b>	<b>30.34%</b>	<b>31.21%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>163.43</b>			<b>166.46</b>	<b>3.03</b>	<b>1.86%</b>	<b>30.02%</b>	<b>30.88%</b>
Wholesale Market Service Rate	2,944	0.0036	10.60	2,944	0.0036	10.60	0.00	0.00%	1.91%	1.97%
Rural Rate Protection Charge	2,944	0.0021	6.18	2,944	0.0021	6.18	0.00	0.00%	1.11%	1.15%
Ontario Electricity Support Program Charge	2,944	0.0011	3.24	2,944	0.0011	3.24	0.00	0.00%	0.58%	0.60%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>20.27</b>			<b>20.27</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.65%</b>	<b>3.76%</b>
<b>Debt Retirement Charge (DRC)</b>	2,759	0.007	19.31	2,759	0.007	19.31	0.00	0.00%	3.48%	3.58%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>525.13</b>			<b>528.16</b>	<b>3.03</b>	<b>0.58%</b>	<b>95.24%</b>	
HST		0.13	68.27		0.13	68.66	0.39	0.58%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>593.39</b>			<b>596.82</b>	<b>3.43</b>	<b>0.58%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-42.01		-0.08	-42.25	-0.24	0.58%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>551.38</b>			<b>554.57</b>	<b>3.18</b>	<b>0.58%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>510.34</b>			<b>513.37</b>	<b>3.03</b>	<b>0.59%</b>		<b>95.24%</b>
HST		0.13	66.34		0.13	66.74	0.39	0.59%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>576.68</b>			<b>580.11</b>	<b>3.43</b>	<b>0.59%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-40.83		-0.08	-41.07	-0.24	0.59%		-7.62%
<b>Total Amount on TOU</b>			<b>535.85</b>			<b>539.04</b>	<b>3.18</b>	<b>0.59%</b>		<b>100.00%</b>

**2022 Bill Impacts (High Consumption Level)**

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Rate Class	UGe
Monthly Consumption (kWh)	15000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	16005
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	2.62%	
Energy Second Tier (kWh)	14,250	0.121	1,724.25	14,250	0.121	1,724.25	0.00	0.00%	58.42%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,801.50</b>			<b>1,801.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>61.04%</b>	
TOU-Off Peak	9,750	0.087	848.25	9,750	0.087	848.25	0.00	0.00%		30.25%
TOU-Mid Peak	2,550	0.132	336.60	2,550	0.132	336.60	0.00	0.00%		12.00%
TOU-On Peak	2,700	0.180	486.00	2,700	0.180	486.00	0.00	0.00%		17.33%
<b>Sub-Total: Energy (TOU)</b>			<b>1,670.85</b>			<b>1,670.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.62%</b>	<b>59.59%</b>
Service Charge	1	25.6	25.60	1	26.15	26.15	0.55	2.15%	0.89%	0.93%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	15,000	0.0308	462.00	15,000	0.0317	475.50	13.50	2.92%	16.11%	16.96%
Volumetric Deferral/Variance Account Rider (including CBR Class)	15,000	0.0002	3.0000	15,000	0.0002	3.0000	0.00	0.00%	0.10%	0.11%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>490.61</b>			<b>504.66</b>	<b>14.05</b>	<b>2.86%</b>	<b>17.10%</b>	<b>18.00%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.03%	0.03%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,005	0.12	121.61	1,005	0.12	121.61	0.00	0.00%	4.12%	4.34%
Line Losses on Cost of Power (based on TOU prices)	1,005	0.11	111.95	1,005	0.11	111.95	0.00	0.00%	3.79%	3.99%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>613.01</b>			<b>627.06</b>	<b>14.05</b>	<b>2.29%</b>	<b>21.25%</b>	<b>22.36%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>603.35</b>			<b>617.40</b>	<b>14.05</b>	<b>2.33%</b>	<b>20.92%</b>	<b>22.02%</b>
Retail Transmission Rate – Network Service Rate	16,005	0.0058	92.83	16,005	0.0058	92.83	0.00	0.00%	3.15%	3.31%
Retail Transmission Rate – Line and Transformation Connection	16,005	0.0047	75.22	16,005	0.0047	75.22	0.00	0.00%	2.55%	2.68%
<b>Sub-Total: Retail Transmission</b>			<b>168.05</b>			<b>168.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.69%</b>	<b>5.99%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>781.06</b>			<b>795.11</b>	<b>14.05</b>	<b>1.80%</b>	<b>26.94%</b>	<b>28.36%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>771.40</b>			<b>785.45</b>	<b>14.05</b>	<b>1.82%</b>	<b>26.61%</b>	<b>28.01%</b>
Wholesale Market Service Rate	16,005	0.0036	57.62	16,005	0.0036	57.62	0.00	0.00%	1.95%	2.05%
Rural Rate Protection Charge	16,005	0.0021	33.61	16,005	0.0021	33.61	0.00	0.00%	1.14%	1.20%
Ontario Electricity Support Program Charge	16,005	0.0011	17.61	16,005	0.0011	17.61	0.00	0.00%	0.60%	0.63%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Regulatory</b>			<b>109.08</b>			<b>109.08</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.70%</b>	<b>3.89%</b>
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.56%	3.74%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>2,796.64</b>			<b>2,810.69</b>	<b>14.05</b>	<b>0.50%</b>	<b>95.24%</b>	
HST		0.13	363.56		0.13	365.39	1.83	0.50%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>3,160.20</b>			<b>3,176.08</b>	<b>15.88</b>	<b>0.50%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-223.73		-0.08	-224.86	-1.12	0.50%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>2,936.47</b>			<b>2,951.23</b>	<b>14.75</b>	<b>0.50%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>2,656.33</b>			<b>2,670.38</b>	<b>14.05</b>	<b>0.53%</b>		<b>95.24%</b>
HST		0.13	345.32		0.13	347.15	1.83	0.53%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>3,001.66</b>			<b>3,017.53</b>	<b>15.88</b>	<b>0.53%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-212.51		-0.08	-213.63	-1.12	0.53%		-7.62%
<b>Total Amount on TOU</b>			<b>2,789.15</b>			<b>2,803.90</b>	<b>14.75</b>	<b>0.53%</b>		<b>100.00%</b>

**2022 Bill Impacts (Low Consumption Level)**

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Rate Class	GSe
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	1096
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	30.05%	
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	11.77%	
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>41.81%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		21.73%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		8.62%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		12.45%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.32%</b>	<b>42.80%</b>
Service Charge	1	31.41	31.41	1	32	32.00	0.59	1.88%	12.45%	12.30%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,000	0.0652	65.20	1,000	0.0671	67.10	1.90	2.91%	26.10%	25.79%
Volumetric Deferral/Variance Account Rider (including CBR Class)	1,000	0.0002	0.2000	1,000	0.0002	0.2000	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>96.81</b>			<b>99.30</b>	<b>2.49</b>	<b>2.57%</b>	<b>38.62%</b>	<b>38.16%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.31%	0.30%
Line Losses on Cost of Power (based on two-tier RPP prices)	96	0.12	11.62	96	0.12	11.62	0.00	0.00%	4.52%	4.46%
Line Losses on Cost of Power (based on TOU prices)	96	0.11	10.69	96	0.11	10.69	0.00	0.00%	4.16%	4.11%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>109.22</b>			<b>111.71</b>	<b>2.49</b>	<b>2.28%</b>	<b>43.45%</b>	<b>42.93%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>108.29</b>			<b>110.78</b>	<b>2.49</b>	<b>2.30%</b>	<b>43.09%</b>	<b>42.57%</b>
Retail Transmission Rate – Network Service Rate	1,096	0.0055	6.03	1,096	0.0055	6.03	0.00	0.00%	2.34%	2.32%
Retail Transmission Rate – Line and Transformation Connection	1,096	0.0045	4.93	1,096	0.0045	4.93	0.00	0.00%	1.92%	1.90%
<b>Sub-Total: Retail Transmission</b>			<b>10.96</b>			<b>10.96</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.26%</b>	<b>4.21%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>120.18</b>			<b>122.67</b>	<b>2.49</b>	<b>2.07%</b>	<b>47.71%</b>	<b>47.14%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>119.25</b>			<b>121.74</b>	<b>2.49</b>	<b>2.09%</b>	<b>47.35%</b>	<b>46.78%</b>
Wholesale Market Service Rate	1,096	0.0036	3.95	1,096	0.0036	3.95	0.00	0.00%	1.53%	1.52%
Rural Rate Protection Charge	1,096	0.0021	2.30	1,096	0.0021	2.30	0.00	0.00%	0.90%	0.88%
Ontario Electricity Support Program Charge	1,096	0.0011	1.21	1,096	0.0011	1.21	0.00	0.00%	0.47%	0.46%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Regulatory</b>			<b>7.70</b>			<b>7.70</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.00%</b>	<b>2.96%</b>
Debt Retirement Charge (DRC)	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	2.72%	2.69%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>242.38</b>			<b>244.87</b>	<b>2.49</b>	<b>1.03%</b>	<b>95.24%</b>	
HST		0.13	31.51		0.13	31.83	0.32	1.03%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>273.89</b>			<b>276.70</b>	<b>2.81</b>	<b>1.03%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-19.39		-0.08	-19.59	-0.20	1.03%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>254.50</b>			<b>257.11</b>	<b>2.61</b>	<b>1.03%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>245.35</b>			<b>247.84</b>	<b>2.49</b>	<b>1.01%</b>		<b>95.24%</b>
HST		0.13	31.90		0.13	32.22	0.32	1.01%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>277.24</b>			<b>280.05</b>	<b>2.81</b>	<b>1.01%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-19.63		-0.08	-19.83	-0.20	1.01%		-7.62%
<b>Total Amount on TOU</b>			<b>257.61</b>			<b>260.23</b>	<b>2.61</b>	<b>1.01%</b>		<b>100.00%</b>

**2022 Bill Impacts (Typical Consumption Level)**

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Rate Class	GSe
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2192
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	15.65%	
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	30.64%	
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.28%</b>	
TOU-Off Peak	1,300	0.087	113.10	1,300	0.087	113.10	0.00	0.00%		23.28%
TOU-Mid Peak	340	0.132	44.88	340	0.132	44.88	0.00	0.00%		9.24%
TOU-On Peak	360	0.180	64.80	360	0.180	64.80	0.00	0.00%		13.34%
<b>Sub-Total: Energy (TOU)</b>			<b>222.78</b>			<b>222.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.12%</b>	<b>45.86%</b>
Service Charge	1	31.41	31.41	1	32	32.00	0.59	1.88%	6.48%	6.59%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	2,000	0.0652	130.40	2,000	0.0671	134.20	3.80	2.91%	27.18%	27.63%
Volumetric Deferral/Variance Account Rider (including CBR Class)	2,000	0.0002	0.4000	2,000	0.0002	0.4000	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>162.21</b>			<b>166.60</b>	<b>4.39</b>	<b>2.71%</b>	<b>33.74%</b>	<b>34.30%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.16%	0.16%
Line Losses on Cost of Power (based on two-tier RPP prices)	192	0.12	23.23	192	0.12	23.23	0.00	0.00%	4.71%	4.78%
Line Losses on Cost of Power (based on TOU prices)	192	0.11	21.39	192	0.11	21.39	0.00	0.00%	4.33%	4.40%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>186.23</b>			<b>190.62</b>	<b>4.39</b>	<b>2.36%</b>	<b>38.61%</b>	<b>39.24%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>184.39</b>			<b>188.78</b>	<b>4.39</b>	<b>2.38%</b>	<b>38.24%</b>	<b>38.86%</b>
Retail Transmission Rate – Network Service Rate	2,192	0.0055	12.06	2,192	0.0055	12.06	0.00	0.00%	2.44%	2.48%
Retail Transmission Rate – Line and Transformation Connection	2,192	0.0045	9.86	2,192	0.0045	9.86	0.00	0.00%	2.00%	2.03%
<b>Sub-Total: Retail Transmission</b>			<b>21.92</b>			<b>21.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.44%</b>	<b>4.51%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>208.15</b>			<b>212.54</b>	<b>4.39</b>	<b>2.11%</b>	<b>43.05%</b>	<b>43.75%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>206.31</b>			<b>210.70</b>	<b>4.39</b>	<b>2.13%</b>	<b>42.68%</b>	<b>43.37%</b>
Wholesale Market Service Rate	2,192	0.0036	7.89	2,192	0.0036	7.89	0.00	0.00%	1.60%	1.62%
Rural Rate Protection Charge	2,192	0.0021	4.60	2,192	0.0021	4.60	0.00	0.00%	0.93%	0.95%
Ontario Electricity Support Program Charge	2,192	0.0011	2.41	2,192	0.0011	2.41	0.00	0.00%	0.49%	0.50%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>15.16</b>			<b>15.16</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.07%</b>	<b>3.12%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	<b>14.00</b>	2,000	0.007	<b>14.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.84%</b>	<b>2.88%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>465.81</b>			<b>470.20</b>	<b>4.39</b>	<b>0.94%</b>	<b>95.24%</b>	
HST		0.13	60.55		0.13	61.13	0.57	0.94%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>526.36</b>			<b>531.32</b>	<b>4.96</b>	<b>0.94%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-37.26		-0.08	-37.62	-0.35	0.94%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>489.10</b>			<b>493.71</b>	<b>4.61</b>	<b>0.94%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>458.24</b>			<b>462.63</b>	<b>4.39</b>	<b>0.96%</b>		<b>95.24%</b>
HST		0.13	59.57		0.13	60.14	0.57	0.96%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>517.81</b>			<b>522.77</b>	<b>4.96</b>	<b>0.96%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-36.66		-0.08	-37.01	-0.35	0.96%		-7.62%
<b>Total Amount on TOU</b>			<b>481.15</b>			<b>485.76</b>	<b>4.61</b>	<b>0.96%</b>		<b>100.00%</b>

**2022 Bill Impacts (Average Consumption Level)**

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Rate Class	GSe
Monthly Consumption (kWh)	1,982
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2172.272
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	15.78%	
Energy Second Tier (kWh)	1,232	0.121	149.07	1,232	0.121	149.07	0.00	0.00%	30.46%	
<b>Sub-Total: Energy (RPP)</b>			<b>226.32</b>			<b>226.32</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.24%</b>	
TOU-Off Peak	1,288	0.087	112.08	1,288	0.087	112.08	0.00	0.00%		23.27%
TOU-Mid Peak	337	0.132	44.48	337	0.132	44.48	0.00	0.00%		9.23%
TOU-On Peak	357	0.180	64.22	357	0.180	64.22	0.00	0.00%		13.33%
<b>Sub-Total: Energy (TOU)</b>			<b>220.77</b>			<b>220.77</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.11%</b>	<b>45.83%</b>
Service Charge	1	31.41	31.41	1	32	32.00	0.59	1.88%	6.54%	6.64%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,982	0.0652	129.23	1,982	0.0671	132.99	3.77	2.91%	27.17%	27.61%
Volumetric Deferral/Variance Account Rider (including CBR Class)	1,982	0.0002	0.3964	1,982	0.0002	0.3964	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>161.03</b>			<b>165.39</b>	<b>4.36</b>	<b>2.70%</b>	<b>33.79%</b>	<b>34.33%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.16%	0.16%
Line Losses on Cost of Power (based on two-tier RPP prices)	190	0.12	23.02	190	0.12	23.02	0.00	0.00%	4.70%	4.78%
Line Losses on Cost of Power (based on TOU prices)	190	0.11	21.19	190	0.11	21.19	0.00	0.00%	4.33%	4.40%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>184.85</b>			<b>189.20</b>	<b>4.36</b>	<b>2.36%</b>	<b>38.66%</b>	<b>39.28%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>183.02</b>			<b>187.37</b>	<b>4.36</b>	<b>2.38%</b>	<b>38.28%</b>	<b>38.90%</b>
Retail Transmission Rate – Network Service Rate	2,172	0.0055	11.95	2,172	0.0055	11.95	0.00	0.00%	2.44%	2.48%
Retail Transmission Rate – Line and Transformation Connection	2,172	0.0045	9.78	2,172	0.0045	9.78	0.00	0.00%	2.00%	2.03%
<b>Sub-Total: Retail Transmission</b>			<b>21.72</b>			<b>21.72</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.44%</b>	<b>4.51%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>206.57</b>			<b>210.92</b>	<b>4.36</b>	<b>2.11%</b>	<b>43.09%</b>	<b>43.79%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>204.74</b>			<b>209.10</b>	<b>4.36</b>	<b>2.13%</b>	<b>42.72%</b>	<b>43.41%</b>
Wholesale Market Service Rate	2,172	0.0036	7.82	2,172	0.0036	7.82	0.00	0.00%	1.60%	1.62%
Rural Rate Protection Charge	2,172	0.0021	4.56	2,172	0.0021	4.56	0.00	0.00%	0.93%	0.95%
Ontario Electricity Support Program Charge	2,172	0.0011	2.39	2,172	0.0011	2.39	0.00	0.00%	0.49%	0.50%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>15.02</b>			<b>15.02</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.07%</b>	<b>3.12%</b>
<b>Debt Retirement Charge (DRC)</b>	1,982	0.007	<b>13.87</b>	1,982	0.007	<b>13.87</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.83%</b>	<b>2.88%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>461.79</b>			<b>466.14</b>	<b>4.36</b>	<b>0.94%</b>	<b>95.24%</b>	
HST		0.13	60.03		0.13	60.60	0.57	0.94%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>521.82</b>			<b>526.74</b>	<b>4.92</b>	<b>0.94%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-36.94		-0.08	-37.29	-0.35	0.94%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>484.88</b>			<b>489.45</b>	<b>4.57</b>	<b>0.94%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>454.41</b>			<b>458.77</b>	<b>4.36</b>	<b>0.96%</b>		<b>95.24%</b>
HST		0.13	59.07		0.13	59.64	0.57	0.96%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>513.48</b>			<b>518.41</b>	<b>4.92</b>	<b>0.96%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-36.35		-0.08	-36.70	-0.35	0.96%		-7.62%
<b>Total Amount on TOU</b>			<b>477.13</b>			<b>481.70</b>	<b>4.57</b>	<b>0.96%</b>		<b>100.00%</b>

**2022 Bill Impacts (High Consumption Level)**

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Rate Class	GSe
Monthly Consumption (kWh)	15,000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	16440
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	2.16%	
Energy Second Tier (kWh)	14,250	0.121	1,724.25	14,250	0.121	1,724.25	0.00	0.00%	48.31%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,801.50</b>			<b>1,801.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.47%</b>	
TOU-Off Peak	9,750	0.087	848.25	9,750	0.087	848.25	0.00	0.00%		24.82%
TOU-Mid Peak	2,550	0.132	336.60	2,550	0.132	336.60	0.00	0.00%		9.85%
TOU-On Peak	2,700	0.180	486.00	2,700	0.180	486.00	0.00	0.00%		14.22%
<b>Sub-Total: Energy (TOU)</b>			<b>1,670.85</b>			<b>1,670.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.81%</b>	<b>48.89%</b>
Service Charge	1	31.41	31.41	1	32	32.00	0.59	1.88%	0.90%	0.94%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	15,000	0.0652	978.00	15,000	0.0671	1,006.50	28.50	2.91%	28.20%	29.45%
Volumetric Deferral/Variance Account Rider (including CBR Class)	15,000	0.0002	3.0000	15,000	0.0002	3.0000	0.00	0.00%	0.08%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>1,012.41</b>			<b>1,041.50</b>	<b>29.09</b>	<b>2.87%</b>	<b>29.18%</b>	<b>30.47%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.02%	0.02%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,440	0.12	174.24	1,440	0.12	174.24	0.00	0.00%	4.88%	5.10%
Line Losses on Cost of Power (based on TOU prices)	1,440	0.11	160.40	1,440	0.11	160.40	0.00	0.00%	4.49%	4.69%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>1,187.44</b>			<b>1,216.53</b>	<b>29.09</b>	<b>2.45%</b>	<b>34.08%</b>	<b>35.59%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>1,173.60</b>			<b>1,202.69</b>	<b>29.09</b>	<b>2.48%</b>	<b>33.69%</b>	<b>35.19%</b>
Retail Transmission Rate – Network Service Rate	16,440	0.0055	90.42	16,440	0.0055	90.42	0.00	0.00%	2.53%	2.65%
Retail Transmission Rate – Line and Transformation Connection	16,440	0.0045	73.98	16,440	0.0045	73.98	0.00	0.00%	2.07%	2.16%
<b>Sub-Total: Retail Transmission</b>			<b>164.40</b>			<b>164.40</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.61%</b>	<b>4.81%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>1,351.84</b>			<b>1,380.93</b>	<b>29.09</b>	<b>2.15%</b>	<b>38.69%</b>	<b>40.40%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>1,338.00</b>			<b>1,367.09</b>	<b>29.09</b>	<b>2.17%</b>	<b>38.30%</b>	<b>40.00%</b>
Wholesale Market Service Rate	16,440	0.0036	59.18	16,440	0.0036	59.18	0.00	0.00%	1.66%	1.73%
Rural Rate Protection Charge	16,440	0.0021	34.52	16,440	0.0021	34.52	0.00	0.00%	0.97%	1.01%
Ontario Electricity Support Program Charge	16,440	0.0011	18.08	16,440	0.0011	18.08	0.00	0.00%	0.51%	0.53%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Regulatory</b>			<b>112.04</b>			<b>112.04</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.14%</b>	<b>3.28%</b>
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	2.94%	3.07%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>3,370.38</b>			<b>3,399.47</b>	<b>29.09</b>	<b>0.86%</b>	<b>95.24%</b>	
HST		0.13	438.15		0.13	441.93	3.78	0.86%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>3,808.53</b>			<b>3,841.40</b>	<b>32.87</b>	<b>0.86%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-269.63		-0.08	-271.96	-2.33	0.86%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>3,538.90</b>			<b>3,569.45</b>	<b>30.54</b>	<b>0.86%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>3,225.89</b>			<b>3,254.98</b>	<b>29.09</b>	<b>0.90%</b>		<b>95.24%</b>
HST		0.13	419.37		0.13	423.15	3.78	0.90%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>3,645.26</b>			<b>3,678.13</b>	<b>32.87</b>	<b>0.90%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-258.07		-0.08	-260.40	-2.33	0.90%		-7.62%
<b>Total Amount on TOU</b>			<b>3,387.19</b>			<b>3,417.73</b>	<b>30.54</b>	<b>0.90%</b>		<b>100.00%</b>

**2022 Bill Impacts (Low Consumption Level)**

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Rate Class	UGd
Monthly Consumption (kWh)	15,000
Peak (kW)	60
Loss factor	1.050
Load factor	34%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	15,750
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,750	0.103	1,622.25	15,750	0.103	1,622.25	0.00	0.00%	50.25%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,622.25</b>			<b>1,622.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.25%</b>
Service Charge	1	106.7	106.70	1	108.63	108.63	1.93	1.81%	3.36%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	60	10.5133	630.80	60	10.8	648.00	17.20	2.73%	20.07%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	60	0.0646	3.88	60	0.0646	3.88	0.00	0.00%	0.12%
Volumetric Global Adjustment Account Rider	15,750	0.0019	29.93	15,750	0.0019	29.93	0.00	0.00%	0.93%
<b>Sub-Total: Distribution</b>			<b>771.31</b>			<b>790.44</b>	<b>19.13</b>	<b>2.48%</b>	<b>24.49%</b>
Retail Transmission Rate – Network Service Rate	60	2.1349	128.09	60	2.1349	128.09	0.00	0.00%	3.97%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.7285	103.71	60	1.7285	103.71	0.00	0.00%	3.21%
<b>Sub-Total: Retail Transmission</b>			<b>231.80</b>			<b>231.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.18%</b>
<b>Sub-Total: Delivery</b>			<b>1,003.11</b>			<b>1,022.25</b>	<b>19.13</b>	<b>1.91%</b>	<b>31.67%</b>
Wholesale Market Service Rate	15,750	0.0036	56.70	15,750	0.0036	56.70	0.00	0.00%	1.76%
Rural Rate Protection Charge	15,750	0.0021	33.08	15,750	0.0021	33.08	0.00	0.00%	1.02%
Ontario Electricity Support Program Charge	15,750	0.0011	17.33	15,750	0.0011	17.33	0.00	0.00%	0.54%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>107.35</b>			<b>107.35</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.33%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.25%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>2,837.71</b>			<b>2,856.85</b>	<b>19.13</b>	<b>0.67%</b>	<b>88.50%</b>
HST		0.13	368.90		0.13	371.39	2.49	0.67%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>3,206.62</b>			<b>3,228.23</b>	<b>21.62</b>	<b>0.67%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>3,206.62</b>			<b>3,228.23</b>	<b>21.62</b>	<b>0.67%</b>	<b>100.00%</b>

**2022 Bill Impacts (Typical Consumption Level)**

Rate Class	UGd
Monthly Consumption (kWh)	35,000
Peak (kW)	120
Loss factor	1.050
Load factor	40%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	36,750
Charge determinant	kW

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	36,750	0.103	3,785.25	36,750	0.103	3,785.25	0.00	0.00%	53.80%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>3,785.25</b>			<b>3,785.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.80%</b>
Service Charge	1	106.7	106.70	1	108.63	108.63	1.93	1.81%	1.54%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	120	10.5133	1,261.60	120	10.8	1,296.00	34.40	2.73%	18.42%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	120	0.0646	7.75	120	0.0646	7.75	0.00	0.00%	0.11%
Volumetric Global Adjustment Account Rider	36,750	0.0019	69.83	36,750	0.0019	69.83	0.00	0.00%	0.99%
<b>Sub-Total: Distribution</b>			<b>1,445.88</b>			<b>1,482.22</b>	<b>36.33</b>	<b>2.51%</b>	<b>21.07%</b>
Retail Transmission Rate – Network Service Rate	120	2.1349	256.19	120	2.1349	256.19	0.00	0.00%	3.64%
Retail Transmission Rate – Line and Transformation Connection Service Rate	120	1.7285	207.42	120	1.7285	207.42	0.00	0.00%	2.95%
<b>Sub-Total: Retail Transmission</b>			<b>463.61</b>			<b>463.61</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.59%</b>
<b>Sub-Total: Delivery</b>			<b>1,909.49</b>			<b>1,945.83</b>	<b>36.33</b>	<b>1.90%</b>	<b>27.66%</b>
Wholesale Market Service Rate	36,750	0.0036	132.30	36,750	0.0036	132.30	0.00	0.00%	1.88%
Rural Rate Protection Charge	36,750	0.0021	77.18	36,750	0.0021	77.18	0.00	0.00%	1.10%
Ontario Electricity Support Program Charge	36,750	0.0011	40.43	36,750	0.0011	40.43	0.00	0.00%	0.57%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>250.15</b>			<b>250.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.56%</b>
<b>Debt Retirement Charge (DRC)</b>	35,000	0.007	<b>245.00</b>	35,000	0.007	<b>245.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.48%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>6,189.89</b>			<b>6,226.23</b>	<b>36.33</b>	<b>0.59%</b>	<b>88.50%</b>
HST		0.13	804.69		0.13	809.41	4.72	0.59%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>6,994.58</b>			<b>7,035.63</b>	<b>41.06</b>	<b>0.59%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>6,994.58</b>			<b>7,035.63</b>	<b>41.06</b>	<b>0.59%</b>	<b>100.00%</b>

**2022 Bill Impacts (Average Consumption Level)**

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Rate Class	UGd
Monthly Consumption (kWh)	50,525
Peak (kW)	138
Loss factor	1.050
Load factor	50%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	53,051
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	53,051	0.103	5,464.28	53,051	0.103	5,464.28	0.00	0.00%	57.42%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>5,464.28</b>			<b>5,464.28</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.42%</b>
Service Charge	1	106.7	106.70	1	108.63	108.63	1.93	1.81%	1.14%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	138	10.5133	1,450.84	138	10.8	1,490.40	39.56	2.73%	15.66%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	138	0.0646	8.91	138	0.0646	8.91	0.00	0.00%	0.09%
Volumetric Global Adjustment Account Rider	53,051	0.0019	100.80	53,051	0.0019	100.80	0.00	0.00%	1.06%
<b>Sub-Total: Distribution</b>			<b>1,667.26</b>			<b>1,708.75</b>	<b>41.49</b>	<b>2.49%</b>	<b>17.96%</b>
Retail Transmission Rate – Network Service Rate	138	2.1349	294.62	138	2.1349	294.62	0.00	0.00%	3.10%
Retail Transmission Rate – Line and Transformation Connection Service Rate	138	1.7285	238.53	138	1.7285	238.53	0.00	0.00%	2.51%
<b>Sub-Total: Retail Transmission</b>			<b>533.15</b>			<b>533.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.60%</b>
<b>Sub-Total: Delivery</b>			<b>2,200.41</b>			<b>2,241.90</b>	<b>41.49</b>	<b>1.89%</b>	<b>23.56%</b>
Wholesale Market Service Rate	53,051	0.0036	190.98	53,051	0.0036	190.98	0.00	0.00%	2.01%
Rural Rate Protection Charge	53,051	0.0021	111.41	53,051	0.0021	111.41	0.00	0.00%	1.17%
Ontario Electricity Support Program Charge	53,051	0.0011	58.36	53,051	0.0011	58.36	0.00	0.00%	0.61%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>361.00</b>			<b>361.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.79%</b>
<b>Debt Retirement Charge (DRC)</b>	50,525	0.007	<b>353.68</b>	50,525	0.007	<b>353.68</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.72%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>8,379.36</b>			<b>8,420.85</b>	<b>41.49</b>	<b>0.50%</b>	<b>88.50%</b>
HST		0.13	1,089.32		0.13	1,094.71	5.39	0.50%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>9,468.68</b>			<b>9,515.56</b>	<b>46.89</b>	<b>0.50%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>9,468.68</b>			<b>9,515.56</b>	<b>46.89</b>	<b>0.50%</b>	<b>100.00%</b>

**2022 Bill Impacts (High Consumption Level)**

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Rate Class	UGd
Monthly Consumption (kWh)	175,000
Peak (kW)	500
Loss factor	1.050
Load factor	48%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	183,750
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	183,750	0.103	18,926.25	183,750	0.103	18,926.25	0.00	0.00%	70.30%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>18,926.25</b>			<b>18,926.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>70.30%</b>
Fixed Smoothing Rider	1	0	0.00	1	0.0019	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Volumetric Smoothing Rider	500	0	0.00	500	0.0019	0.95	0.95	0.00%	0.00%
Volumetric Global Adjustment Account Rider	183,750	0.0019	349.13	183,750	0.0019	349.13	0.00	0.00%	1.30%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	500	0.0646	32.30	500	0.0646	32.30	0.00	0.00%	0.12%
<b>Sub-Total: Distribution</b>			<b>488.14</b>			<b>491.02</b>	<b>2.88</b>	<b>0.59%</b>	<b>1.82%</b>
Retail Transmission Rate – Network Service Rate	500	2.1349	1,067.45	500	2.1349	1,067.45	0.00	0.00%	3.97%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.7285	864.25	500	1.7285	864.25	0.00	0.00%	3.21%
<b>Sub-Total: Retail Transmission</b>			<b>1,931.70</b>			<b>1,931.70</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.18%</b>
<b>Sub-Total: Delivery</b>			<b>2,419.84</b>			<b>2,422.72</b>	<b>2.88</b>	<b>0.12%</b>	<b>9.00%</b>
Wholesale Market Service Rate	183,750	0.0036	661.50	183,750	0.0036	661.50	0.00	0.00%	2.46%
Rural Rate Protection Charge	183,750	0.0021	385.88	183,750	0.0021	385.88	0.00	0.00%	1.43%
Ontario Electricity Support Program Charge	183,750	0.0011	202.13	183,750	0.0011	202.13	0.00	0.00%	0.75%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,249.75</b>			<b>1,249.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.64%</b>
<b>Debt Retirement Charge (DRC)</b>	175,000	0.007	<b>1,225.00</b>	175,000	0.007	<b>1,225.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.55%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>23,820.84</b>			<b>23,823.72</b>	<b>2.88</b>	<b>0.01%</b>	<b>88.50%</b>
HST		0.13	3,096.71		0.13	3,097.08	0.37	0.01%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>26,917.54</b>			<b>26,920.80</b>	<b>3.26</b>	<b>0.01%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>26,917.54</b>			<b>26,920.80</b>	<b>3.26</b>	<b>0.01%</b>	<b>100.00%</b>

**2022 Bill Impacts (Low Consumption Level)**

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Rate Class	GSd
Monthly Consumption (kWh)	15,000
Peak (kW)	60
Loss factor	1.061
Load factor	34%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	15,915
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,915	0.103	1,639.25	15,915	0.103	1,639.25	0.00	0.00%	43.97%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,639.25</b>			<b>1,639.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.97%</b>
Service Charge	1	107.62	107.62	1	109.34	109.34	1.72	1.60%	2.93%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	0.00%
Distribution Volumetric Rate	60	18.3529	1,101.17	60	18.8502	1,131.01	29.84	2.71%	30.34%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	60	0.047	2.82	60	0.0470	2.82	0.00	0.00%	0.08%
Volumetric Global Adjustment Account Rider	15,915	0.0019	30.24	15,915	0.0019	30.24	0.00	0.00%	0.81%
<b>Sub-Total: Distribution</b>			<b>1,241.83</b>			<b>1,273.39</b>	<b>31.56</b>	<b>2.54%</b>	<b>34.16%</b>
Retail Transmission Rate – Network Service Rate	60	1.5908	95.45	60	1.5908	95.45	0.00	0.00%	2.56%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.2918	77.51	60	1.2918	77.51	0.00	0.00%	2.08%
<b>Sub-Total: Retail Transmission</b>			<b>172.96</b>			<b>172.96</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.64%</b>
<b>Sub-Total: Delivery</b>			<b>1,414.79</b>			<b>1,446.35</b>	<b>31.56</b>	<b>2.23%</b>	<b>38.80%</b>
Wholesale Market Service Rate	15,915	0.0036	57.29	15,915	0.0036	57.29	0.00	0.00%	1.54%
Rural Rate Protection Charge	15,915	0.0021	33.42	15,915	0.0021	33.42	0.00	0.00%	0.90%
Ontario Electricity Support Program Charge	15,915	0.0011	17.51	15,915	0.0011	17.51	0.00	0.00%	0.47%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>108.47</b>			<b>108.47</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.91%</b>
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	2.82%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>3,267.51</b>			<b>3,299.06</b>	<b>31.56</b>	<b>0.97%</b>	<b>88.50%</b>
HST		0.13	424.78		0.13	428.88	4.10	0.97%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>3,692.28</b>			<b>3,727.94</b>	<b>35.66</b>	<b>0.97%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>3,692.28</b>			<b>3,727.94</b>	<b>35.66</b>	<b>0.97%</b>	<b>100.00%</b>

**2022 Bill Impacts (Typical Consumption Level)**

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Rate Class	GSd
Monthly Consumption (kWh)	35,000
Peak (kW)	120
Loss factor	1.061
Load factor	40%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	37,135
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	37,135	0.103	3,824.91	37,135	0.103	3,824.91	0.00	0.00%	47.57%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>3,824.91</b>			<b>3,824.91</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.57%</b>
Service Charge	1	107.62	107.62	1	109.34	109.34	1.72	1.60%	1.36%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	0.00%
Distribution Volumetric Rate	120	18.3529	2,202.35	120	18.8502	2,262.02	59.68	2.71%	28.13%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	120	0.047	5.64	120	0.047	5.64	0.00	0.00%	0.07%
Volumetric Global Adjustment Account Rider	37,135	0.0019	70.56	37,135	0.0019	70.56	0.00	0.00%	0.88%
<b>Sub-Total: Distribution</b>			<b>2,386.14</b>			<b>2,447.54</b>	<b>61.40</b>	<b>2.57%</b>	<b>30.44%</b>
Retail Transmission Rate – Network Service Rate	120	1.5908	190.90	120	1.5908	190.90	0.00	0.00%	2.37%
Retail Transmission Rate – Line and Transformation Connection Service Rate	120	1.2918	155.02	120	1.2918	155.02	0.00	0.00%	1.93%
<b>Sub-Total: Retail Transmission</b>			<b>345.91</b>			<b>345.91</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.30%</b>
<b>Sub-Total: Delivery</b>			<b>2,732.06</b>			<b>2,793.45</b>	<b>61.40</b>	<b>2.25%</b>	<b>34.74%</b>
Wholesale Market Service Rate	37,135	0.0036	133.69	37,135	0.0036	133.69	0.00	0.00%	1.66%
Rural Rate Protection Charge	37,135	0.0021	77.98	37,135	0.0021	77.98	0.00	0.00%	0.97%
Ontario Electricity Support Program Charge	37,135	0.0011	40.85	37,135	0.0011	40.85	0.00	0.00%	0.51%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>252.77</b>			<b>252.77</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.14%</b>
<b>Debt Retirement Charge (DRC)</b>	35,000	0.007	<b>245.00</b>	35,000	0.007	<b>245.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.05%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>7,054.73</b>			<b>7,116.13</b>	<b>61.40</b>	<b>0.87%</b>	<b>88.50%</b>
HST		0.13	917.11		0.13	925.10	7.98	0.87%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>7,971.84</b>			<b>8,041.22</b>	<b>69.38</b>	<b>0.87%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>7,971.84</b>			<b>8,041.22</b>	<b>69.38</b>	<b>0.87%</b>	<b>100.00%</b>

**2022 Bill Impacts (Average Consumption Level)**

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Rate Class	GSd
Monthly Consumption (kWh)	36,104
Peak (kW)	128
Loss factor	1.061
Load factor	39%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	38,306
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	38,306	0.103	3,945.55	38,306	0.103	3,945.55	0.00	0.00%	47.00%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>3,945.55</b>			<b>3,945.55</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.00%</b>
Service Charge	1	107.62	107.62	1	109.34	109.34	1.72	1.60%	1.30%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	0.00%
Distribution Volumetric Rate	128	18.3529	2,349.17	128	18.8502	2,412.83	63.65	2.71%	28.74%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	128	0.047	6.02	128	0.047	6.02	0.00	0.00%	0.07%
Volumetric Global Adjustment Account Rider	38,306	0.0019	72.78	38,306	0.0019	72.78	0.00	0.00%	0.87%
<b>Sub-Total: Distribution</b>			<b>2,535.57</b>			<b>2,600.94</b>	<b>65.37</b>	<b>2.58%</b>	<b>30.98%</b>
Retail Transmission Rate – Network Service Rate	128	1.5908	203.62	128	1.5908	203.62	0.00	0.00%	2.43%
Retail Transmission Rate – Line and Transformation Connection Service Rate	128	1.2918	165.35	128	1.2918	165.35	0.00	0.00%	1.97%
<b>Sub-Total: Retail Transmission</b>			<b>368.97</b>			<b>368.97</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.40%</b>
<b>Sub-Total: Delivery</b>			<b>2,904.54</b>			<b>2,969.92</b>	<b>65.37</b>	<b>2.25%</b>	<b>35.38%</b>
Wholesale Market Service Rate	38,306	0.0036	137.90	38,306	0.0036	137.90	0.00	0.00%	1.64%
Rural Rate Protection Charge	38,306	0.0021	80.44	38,306	0.0021	80.44	0.00	0.00%	0.96%
Ontario Electricity Support Program Charge	38,306	0.0011	42.14	38,306	0.0011	42.14	0.00	0.00%	0.50%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>260.73</b>			<b>260.73</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.11%</b>
<b>Debt Retirement Charge (DRC)</b>	36,104	0.007	<b>252.73</b>	36,104	0.007	<b>252.73</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.01%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>7,363.56</b>			<b>7,428.93</b>	<b>65.37</b>	<b>0.89%</b>	<b>88.50%</b>
HST		0.13	957.26		0.13	965.76	8.50	0.89%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>8,320.82</b>			<b>8,394.69</b>	<b>73.87</b>	<b>0.89%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>8,320.82</b>			<b>8,394.69</b>	<b>73.87</b>	<b>0.89%</b>	<b>100.00%</b>

**2022 Bill Impacts (High Consumption Level)**

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Rate Class	GSd
Monthly Consumption (kWh)	175,000
Peak (kW)	500
Loss factor	1.061
Load factor	48%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	185,675
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	185,675	0.103	19,124.53	185,675	0.103	19,124.53	0.00	0.00%	71.90%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>19,124.53</b>			<b>19,124.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>71.90%</b>
Fixed Smoothing Rider	1	0	0.00	1	0.0019	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	-0.02	-0.02	1	-0.02	-0.02	0.00	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	500	0.047	23.50	500	0.047	23.50	0.00	0.00%	0.09%
Volumetric Global Adjustment Account Rider	185,675	0.0019	352.78	185,675	0.0019	352.78	0.00	0.00%	1.33%
<b>Sub-Total: Distribution</b>			<b>483.88</b>			<b>485.60</b>	<b>1.72</b>	<b>0.36%</b>	<b>1.83%</b>
Retail Transmission Rate – Network Service Rate	500	1.5908	795.40	500	1.5908	795.40	0.00	0.00%	2.99%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.2918	645.90	500	1.2918	645.90	0.00	0.00%	2.43%
<b>Sub-Total: Retail Transmission</b>			<b>1,441.30</b>			<b>1,441.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.42%</b>
<b>Sub-Total: Delivery</b>			<b>1,925.18</b>			<b>1,926.90</b>	<b>1.72</b>	<b>0.09%</b>	<b>7.24%</b>
Wholesale Market Service Rate	185,675	0.0036	668.43	185,675	0.0036	668.43	0.00	0.00%	2.51%
Rural Rate Protection Charge	185,675	0.0021	389.92	185,675	0.0021	389.92	0.00	0.00%	1.47%
Ontario Electricity Support Program Charge	185,675	0.0011	204.24	185,675	0.0011	204.24	0.00	0.00%	0.77%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,262.84</b>			<b>1,262.84</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.75%</b>
<b>Debt Retirement Charge (DRC)</b>	175,000	0.007	<b>1,225.00</b>	175,000	0.007	<b>1,225.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.61%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>23,537.55</b>			<b>23,539.27</b>	<b>1.72</b>	<b>0.01%</b>	<b>88.50%</b>
HST		0.13	3,059.88		0.13	3,060.11	0.22	0.01%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>26,597.43</b>			<b>26,599.37</b>	<b>1.95</b>	<b>0.01%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>26,597.43</b>			<b>26,599.37</b>	<b>1.95</b>	<b>0.01%</b>	<b>100.00%</b>

**2022 Bill Impacts (Low Consumption Level)**

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Rate Class	DGen
Monthly Consumption (kWh)	300
Peak (kW)	10
Loss factor	1.061
Load factor	4%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	318
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	318	0.103	32.78	318	0.103	32.78	0.00	0.00%	7.91%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>32.78</b>			<b>32.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.91%</b>
Service Charge	1	198.03	198.03	1	198.03	198.03	0.00	0.00%	47.75%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	10	11.1084	111.08	10	11.8953	118.95	7.87	7.08%	28.68%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	10	0.0172	0.17	10	0.0172	0.17	0.00	0.00%	0.04%
Volumetric Global Adjustment Account Rider	318	0.0019	0.60	318	0.0019	0.60	0.00	0.00%	0.15%
<b>Sub-Total: Distribution</b>			<b>309.90</b>			<b>317.77</b>	<b>7.87</b>	<b>2.54%</b>	<b>76.62%</b>
Retail Transmission Rate – Network Service Rate	10	0.6395	6.40	10	0.6395	6.40	0.00	0.00%	1.54%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10	0.5543	5.54	10	0.5543	5.54	0.00	0.00%	1.34%
<b>Sub-Total: Retail Transmission</b>			<b>11.94</b>			<b>11.94</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.88%</b>
<b>Sub-Total: Delivery</b>			<b>321.84</b>			<b>329.71</b>	<b>7.87</b>	<b>2.45%</b>	<b>79.50%</b>
Wholesale Market Service Rate	318	0.0036	1.15	318	0.0036	1.15	0.00	0.00%	0.28%
Rural Rate Protection Charge	318	0.0021	0.67	318	0.0021	0.67	0.00	0.00%	0.16%
Ontario Electricity Support Program Charge	318	0.0011	0.35	318	0.0011	0.35	0.00	0.00%	0.08%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%
<b>Sub-Total: Regulatory</b>			<b>2.41</b>			<b>2.41</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.58%</b>
Debt Retirement Charge (DRC)	300	0.007	2.10	300	0.007	2.10	0.00	0.00%	0.51%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>359.14</b>			<b>367.01</b>	<b>7.87</b>	<b>2.19%</b>	<b>88.50%</b>
HST		0.13	46.69		0.13	47.71	1.02	2.19%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>405.83</b>			<b>414.72</b>	<b>8.89</b>	<b>2.19%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>405.83</b>			<b>414.72</b>	<b>8.89</b>	<b>2.19%</b>	<b>100.00%</b>

**2022 Bill Impacts (Typical Consumption Level)**

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Rate Class	DGen
Monthly Consumption (kWh)	2,000
Peak (kW)	20
Loss factor	1.061
Load factor	14%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	2,122
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	2,122	0.103	218.57	2,122	0.103	218.57	0.00	0.00%	27.19%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>218.57</b>			<b>218.57</b>	<b>0.00</b>	<b>0.00%</b>	<b>27.19%</b>
Service Charge	1	198.03	198.03	1	198.03	198.03	0.00	0.00%	24.63%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	20	11.1084	222.17	20	11.8953	237.91	15.74	7.08%	29.59%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	20	0.0172	0.34	20	0.0172	0.34	0.00	0.00%	0.04%
Volumetric Global Adjustment Account Rider	2,122	0.0019	4.03	2,122	0.0019	4.03	0.00	0.00%	0.50%
<b>Sub-Total: Distribution</b>			<b>424.58</b>			<b>440.32</b>	<b>15.74</b>	<b>3.71%</b>	<b>54.77%</b>
Retail Transmission Rate – Network Service Rate	20	0.6395	12.79	20	0.6395	12.79	0.00	0.00%	1.59%
Retail Transmission Rate – Line and Transformation Connection Service Rate	20	0.5543	11.09	20	0.5543	11.09	0.00	0.00%	1.38%
<b>Sub-Total: Retail Transmission</b>			<b>23.88</b>			<b>23.88</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.97%</b>
<b>Sub-Total: Delivery</b>			<b>448.46</b>			<b>464.20</b>	<b>15.74</b>	<b>3.51%</b>	<b>57.74%</b>
Wholesale Market Service Rate	2,122	0.0036	7.64	2,122	0.0036	7.64	0.00	0.00%	0.95%
Rural Rate Protection Charge	2,122	0.0021	4.46	2,122	0.0021	4.46	0.00	0.00%	0.55%
Ontario Electricity Support Program Charge	2,122	0.0011	2.33	2,122	0.0011	2.33	0.00	0.00%	0.29%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.03%
<b>Sub-Total: Regulatory</b>			<b>14.68</b>			<b>14.68</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.83%</b>
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	1.74%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>695.71</b>			<b>711.44</b>	<b>15.74</b>	<b>2.26%</b>	<b>88.50%</b>
HST		0.13	90.44		0.13	92.49	2.05	2.26%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>786.15</b>			<b>803.93</b>	<b>17.78</b>	<b>2.26%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>786.15</b>			<b>803.93</b>	<b>17.78</b>	<b>2.26%</b>	<b>100.00%</b>

**2022 Bill Impacts (Average Consumption Level)**

Rate Class	DGen
Monthly Consumption (kWh)	1,328
Peak (kW)	12
Loss factor	1.061
Load factor	15%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	1,409
Charge determinant	kW

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	1,409	0.103	145.13	1,409	0.103	145.13	0.00	0.00%	24.59%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>145.13</b>			<b>145.13</b>	<b>0.00</b>	<b>0.00%</b>	<b>24.59%</b>
Service Charge	1	198.03	198.03	1	198.03	198.03	0.00	0.00%	33.56%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	12	11.1084	133.30	12	11.8953	142.74	9.44	7.08%	24.19%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	12	0.0172	0.21	12	0.0172	0.21	0.00	0.00%	0.03%
Volumetric Global Adjustment Account Rider	1,409	0.0019	2.68	1,409	0.0019	2.68	0.00	0.00%	0.45%
<b>Sub-Total: Distribution</b>			<b>334.22</b>			<b>343.67</b>	<b>9.44</b>	<b>2.83%</b>	<b>58.23%</b>
Retail Transmission Rate – Network Service Rate	12	0.6395	7.67	12	0.6395	7.67	0.00	0.00%	1.30%
Retail Transmission Rate – Line and Transformation Connection Service Rate	12	0.5543	6.65	12	0.5543	6.65	0.00	0.00%	1.13%
<b>Sub-Total: Retail Transmission</b>			<b>14.33</b>			<b>14.33</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.43%</b>
<b>Sub-Total: Delivery</b>			<b>348.55</b>			<b>357.99</b>	<b>9.44</b>	<b>2.71%</b>	<b>60.66%</b>
Wholesale Market Service Rate	1,409	0.0036	5.07	1,409	0.0036	5.07	0.00	0.00%	0.86%
Rural Rate Protection Charge	1,409	0.0021	2.96	1,409	0.0021	2.96	0.00	0.00%	0.50%
Ontario Electricity Support Program Charge	1,409	0.0011	1.55	1,409	0.0011	1.55	0.00	0.00%	0.26%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.04%
<b>Sub-Total: Regulatory</b>			<b>9.83</b>			<b>9.83</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.67%</b>
Debt Retirement Charge (DRC)	1,328	0.007	9.30	1,328	0.007	9.30	0.00	0.00%	1.58%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>512.80</b>			<b>522.25</b>	<b>9.44</b>	<b>1.84%</b>	<b>88.50%</b>
HST		0.13	66.66		0.13	67.89	1.23	1.84%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>579.47</b>			<b>590.14</b>	<b>10.67</b>	<b>1.84%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>579.47</b>			<b>590.14</b>	<b>10.67</b>	<b>1.84%</b>	<b>100.00%</b>

**2022 Bill Impacts (High Consumption Level)**

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Rate Class	DGen
Monthly Consumption (kWh)	5,000
Peak (kW)	100
Loss factor	1.061
Load factor	7%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	5,305
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	5,305	0.103	546.42	5,305	0.103	546.42	0.00	0.00%	22.63%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>546.42</b>			<b>546.42</b>	<b>0.00</b>	<b>0.00%</b>	<b>22.63%</b>
Service Charge	1	198.03	198.03	1	198.03	198.03	0.00	0.00%	8.20%
Fixed Deferral/Variance Account Rider	1	0.01	0.01	1	0.01	0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	100	11.1084	1,110.84	100	11.8953	1,189.53	78.69	7.08%	49.27%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	100	0.0172	1.72	100	0.0172	1.72	0.00	0.00%	0.07%
Volumetric Global Adjustment Account Rider	5,305	0.0019	10.08	5,305	0.0019	10.08	0.00	0.00%	0.42%
<b>Sub-Total: Distribution</b>			<b>1,320.68</b>			<b>1,399.37</b>	<b>78.69</b>	<b>5.96%</b>	<b>57.96%</b>
Retail Transmission Rate – Network Service Rate	100	0.6395	63.95	100	0.6395	63.95	0.00	0.00%	2.65%
Retail Transmission Rate – Line and Transformation Connection Service Rate	100	0.5543	55.43	100	0.5543	55.43	0.00	0.00%	2.30%
<b>Sub-Total: Retail Transmission</b>			<b>119.38</b>			<b>119.38</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.94%</b>
<b>Sub-Total: Delivery</b>			<b>1,440.06</b>			<b>1,518.75</b>	<b>78.69</b>	<b>5.46%</b>	<b>62.91%</b>
Wholesale Market Service Rate	5,305	0.0036	19.10	5,305	0.0036	19.10	0.00	0.00%	0.79%
Rural Rate Protection Charge	5,305	0.0021	11.14	5,305	0.0021	11.14	0.00	0.00%	0.46%
Ontario Electricity Support Program Charge	5,305	0.0011	5.84	5,305	0.0011	5.84	0.00	0.00%	0.24%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>36.32</b>			<b>36.32</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.50%</b>
Debt Retirement Charge (DRC)	5,000	0.007	35.00	5,000	0.007	35.00	0.00	0.00%	1.45%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>2,057.80</b>			<b>2,136.49</b>	<b>78.69</b>	<b>3.82%</b>	<b>88.50%</b>
HST		0.13	267.51		0.13	277.74	10.23	3.82%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>2,325.31</b>			<b>2,414.23</b>	<b>88.92</b>	<b>3.82%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>2,325.31</b>			<b>2,414.23</b>	<b>88.92</b>	<b>3.82%</b>	<b>100.00%</b>

**2022 Bill Impacts (Low Consumption Level)**

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Rate Class	ST
Monthly Consumption (kWh)	200,000
Peak (kW)	500
Loss factor	1.034
Load factor	55%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	206,800
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	206,800	0.103	21,300.40	206,800	0.103	21,300.40	0.00	0.00%	63.30%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>21,300.40</b>			<b>21,300.40</b>	<b>0.00</b>	<b>0.00%</b>	<b>63.30%</b>
Service Charge	1	1269.2	1,269.20	1	1300.28	1,300.28	31.08	2.45%	3.86%
Fixed Deferral/Variance Account Rider	1	3.83	3.83	1	3.83	3.83	0.00	0.00%	0.01%
Distribution Volumetric Rate	500	1.4475425	723.77	500	1.4905975	745.30	21.53	2.97%	2.21%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	500	0.2729	136.45	500	0.2729	136.45	0.00	0.00%	0.41%
Volumetric Global Adjustment Account Rider	206,800	0.0019	392.92	206,800	0.0019	392.92	0.00	0.00%	1.17%
<b>Sub-Total: Distribution</b>			<b>2,526.17</b>			<b>2,578.78</b>	<b>52.61</b>	<b>2.08%</b>	<b>7.66%</b>
Retail Transmission Rate – Network Service Rate	500	3.5367	1,768.35	500	3.5367	1,768.35	0.00	0.00%	5.25%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	2.6514	1,325.70	500	2.6514	1,325.70	0.00	0.00%	3.94%
<b>Sub-Total: Retail Transmission</b>			<b>3,094.05</b>			<b>3,094.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>9.19%</b>
<b>Sub-Total: Delivery</b>			<b>5,620.22</b>			<b>5,672.83</b>	<b>52.61</b>	<b>0.94%</b>	<b>16.86%</b>
Wholesale Market Service Rate	206,800	0.0036	744.48	206,800	0.0036	744.48	0.00	0.00%	2.21%
Rural Rate Protection Charge	206,800	0.0021	434.28	206,800	0.0021	434.28	0.00	0.00%	1.29%
Ontario Electricity Support Program Charge	206,800	0.0011	227.48	206,800	0.0011	227.48	0.00	0.00%	0.68%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,406.49</b>			<b>1,406.49</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.18%</b>
Debt Retirement Charge (DRC)	200,000	0.007	1,400.00	200,000	0.007	1,400.00	0.00	0.00%	4.16%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>29,727.11</b>			<b>29,779.72</b>	<b>52.61</b>	<b>0.18%</b>	<b>88.50%</b>
HST		0.13	3,864.52		0.13	3,871.36	6.84	0.18%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>33,591.64</b>			<b>33,651.08</b>	<b>59.45</b>	<b>0.18%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>33,591.64</b>			<b>33,651.08</b>	<b>59.45</b>	<b>0.18%</b>	<b>100.00%</b>

**2022 Bill Impacts (Average Consumption Level)**

Rate Class	ST
Monthly Consumption (kWh)	1,601,036
Peak (kW)	2,960
Loss factor	1.034
Load factor	74%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	1,655,471
Charge determinant	kW

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	1,655,471	0.103	170,513.54	1,655,471	0.103	170,513.54	0.00	0.00%	68.29%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>170,513.54</b>			<b>170,513.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>68.29%</b>
Service Charge	1	1269.2	1,269.20	1	1300.28	1,300.28	31.08	2.45%	0.52%
Fixed Deferral/Variance Account Rider	1	3.83	3.83	1	3.83	3.83	0.00	0.00%	0.00%
Distribution Volumetric Rate	2,960	1.4475425	4,284.73	2,960	1.4905975	4,412.17	127.44	2.97%	1.77%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	2,960	0.2729	807.78	2,960	0.2729	807.78	0.00	0.00%	0.32%
Volumetric Global Adjustment Account Rider	1,655,471	0.0019	3,145.40	1,655,471	0.0019	3,145.40	0.00	0.00%	1.26%
<b>Sub-Total: Distribution</b>			<b>9,510.94</b>			<b>9,669.46</b>	<b>158.52</b>	<b>1.67%</b>	<b>3.87%</b>
Retail Transmission Rate – Network Service Rate	2,960	3.5367	10,468.63	2,960	3.5367	10,468.63	0.00	0.00%	4.19%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,960	2.6514	7,848.14	2,960	2.6514	7,848.14	0.00	0.00%	3.14%
<b>Sub-Total: Retail Transmission</b>			<b>18,316.78</b>			<b>18,316.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.34%</b>
<b>Sub-Total: Delivery</b>			<b>27,827.71</b>			<b>27,986.23</b>	<b>158.52</b>	<b>0.57%</b>	<b>11.21%</b>
Wholesale Market Service Rate	1,655,471	0.0036	5,959.70	1,655,471	0.0036	5,959.70	0.00	0.00%	2.39%
Rural Rate Protection Charge	1,655,471	0.0021	3,476.49	1,655,471	0.0021	3,476.49	0.00	0.00%	1.39%
Ontario Electricity Support Program Charge	1,655,471	0.0011	1,821.02	1,655,471	0.0011	1,821.02	0.00	0.00%	0.73%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>11,257.45</b>			<b>11,257.45</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.51%</b>
Debt Retirement Charge (DRC)	1,601,036	0.007	11,207.25	1,601,036	0.007	11,207.25	0.00	0.00%	4.49%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>220,805.95</b>			<b>220,964.48</b>	<b>158.52</b>	<b>0.07%</b>	<b>88.50%</b>
HST		0.13	28,704.77		0.13	28,725.38	20.61	0.07%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>249,510.73</b>			<b>249,689.86</b>	<b>179.13</b>	<b>0.07%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>249,510.73</b>			<b>249,689.86</b>	<b>179.13</b>	<b>0.07%</b>	<b>100.00%</b>

**2022 Bill Impacts (Typical Consumption Level)**

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Rate Class	ST
Monthly Consumption (kWh)	500,000
Peak (kW)	1,000
Loss factor	1.034
Load factor	68%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	517,000
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	517,000	0.103	53,251.00	517,000	0.103	53,251.00	0.00	0.00%	66.84%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>53,251.00</b>			<b>53,251.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>66.84%</b>
Service Charge	1	1269.2	1,269.20	1	1300.28	1,300.28	31.08	2.45%	1.63%
Fixed Deferral/Variance Account Rider	1	3.83	3.83	1	3.83	3.83	0.00	0.00%	0.00%
Distribution Volumetric Rate	1,000	1.4475425	1,447.54	1,000	1.4905975	1,490.60	43.06	2.97%	1.87%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	1,000	0.2729	272.90	1,000	0.2729	272.90	0.00	0.00%	0.34%
Volumetric Global Adjustment Account Rider	517,000	0.0019	982.30	517,000	0.0019	982.30	0.00	0.00%	1.23%
<b>Sub-Total: Distribution</b>			<b>3,975.77</b>			<b>4,049.91</b>	<b>74.14</b>	<b>1.86%</b>	<b>5.08%</b>
Retail Transmission Rate – Network Service Rate	1,000	3.5367	3,536.70	1,000	3.5367	3,536.70	0.00	0.00%	4.44%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,000	2.6514	2,651.40	1,000	2.6514	2,651.40	0.00	0.00%	3.33%
<b>Sub-Total: Retail Transmission</b>			<b>6,188.10</b>			<b>6,188.10</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.77%</b>
<b>Sub-Total: Delivery</b>			<b>10,163.87</b>			<b>10,238.01</b>	<b>74.14</b>	<b>0.73%</b>	<b>12.85%</b>
Wholesale Market Service Rate	517,000	0.0036	1,861.20	517,000	0.0036	1,861.20	0.00	0.00%	2.34%
Rural Rate Protection Charge	517,000	0.0021	1,085.70	517,000	0.0021	1,085.70	0.00	0.00%	1.36%
Ontario Electricity Support Program Charge	517,000	0.0011	568.70	517,000	0.0011	568.70	0.00	0.00%	0.71%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>3,515.85</b>			<b>3,515.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.41%</b>
Debt Retirement Charge (DRC)	500,000	0.007	3,500.00	500,000	0.007	3,500.00	0.00	0.00%	4.39%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>70,430.72</b>			<b>70,504.86</b>	<b>74.14</b>	<b>0.11%</b>	<b>88.50%</b>
HST		0.13	9,155.99		0.13	9,165.63	9.64	0.11%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>79,586.72</b>			<b>79,670.49</b>	<b>83.77</b>	<b>0.11%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>79,586.72</b>			<b>79,670.49</b>	<b>83.77</b>	<b>0.11%</b>	<b>100.00%</b>

**2022 Bill Impacts (High Consumption Level)**

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Rate Class	ST
Monthly Consumption (kWh)	4,000,000
Peak (kW)	10,000
Loss factor	1.034
Load factor	55%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	4,136,000
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	4,136,000	0.103	426,008.00	4,136,000	0.103	426,008.00	0.00	0.00%	66.05%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>426,008.00</b>			<b>426,008.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>66.05%</b>
Service Charge	1	1269.2	1,269.20	1	1300.28	1,300.28	31.08	2.45%	0.20%
Fixed Deferral/Variance Account Rider	1	3.83	3.83	1	3.83	3.83	0.00	0.00%	0.00%
Distribution Volumetric Rate	10,000	1.4475425	14,475.42	10,000	1.4905975	14,905.97	430.55	2.97%	2.31%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	10,000	0.2729	2,729.00	10,000	0.2729	2,729.00	0.00	0.00%	0.42%
Volumetric Global Adjustment Account Rider	4,136,000	0.0019	7,858.40	4,136,000	0.0019	7,858.40	0.00	0.00%	1.22%
<b>Sub-Total: Distribution</b>			<b>26,335.85</b>			<b>26,797.48</b>	<b>461.63</b>	<b>1.75%</b>	<b>4.15%</b>
Retail Transmission Rate – Network Service Rate	10,000	3.5367	35,367.00	10,000	3.5367	35,367.00	0.00	0.00%	5.48%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,000	2.6514	26,514.00	10,000	2.6514	26,514.00	0.00	0.00%	4.11%
<b>Sub-Total: Retail Transmission</b>			<b>61,881.00</b>			<b>61,881.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>9.59%</b>
<b>Sub-Total: Delivery</b>			<b>88,216.85</b>			<b>88,678.48</b>	<b>461.63</b>	<b>0.52%</b>	<b>13.75%</b>
Wholesale Market Service Rate	4,136,000	0.0036	14,889.60	4,136,000	0.0036	14,889.60	0.00	0.00%	2.31%
Rural Rate Protection Charge	4,136,000	0.0021	8,685.60	4,136,000	0.0021	8,685.60	0.00	0.00%	1.35%
Ontario Electricity Support Program Charge	4,136,000	0.0011	4,549.60	4,136,000	0.0011	4,549.60	0.00	0.00%	0.71%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>28,125.05</b>			<b>28,125.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.36%</b>
Debt Retirement Charge (DRC)	4,000,000	0.007	28,000.00	4,000,000	0.007	28,000.00	0.00	0.00%	4.34%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>570,349.90</b>			<b>570,811.53</b>	<b>461.63</b>	<b>0.08%</b>	<b>88.50%</b>
HST		0.13	74,145.49		0.13	74,205.50	60.01	0.08%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>644,495.39</b>			<b>645,017.03</b>	<b>521.64</b>	<b>0.08%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>644,495.39</b>			<b>645,017.03</b>	<b>521.64</b>	<b>0.08%</b>	<b>100.00%</b>

**2022 Bill Impacts (Low Consumption Level)**

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Rate Class	USL
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	109.2
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	100	0.103	10.30	100	0.103	10.30	0.00	0.00%	17.68%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>10.30</b>			<b>10.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>17.68%</b>
Service Charge	1	37.5	37.50	1	38.49	38.49	0.99	2.64%	66.07%
Fixed Deferral/Variance Account Rider	1	-0.01	-0.01	1	-0.01	-0.01	0.00	0.00%	-0.02%
Distribution Volumetric Rate	100	0.0304	3.04	100	0.0311	3.11	0.07	2.30%	5.34%
Volumetric Deferral/Variance Account Rider (including CBR Class)	100	0.0002	0.02	100	0.0002	0.02	0.00	0.00%	0.03%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>40.55</b>			<b>41.61</b>	<b>1.06</b>	<b>2.61%</b>	<b>71.43%</b>
Line Losses on Cost of Power	9	0.10	0.95	9	0.10	0.95	0.00	0.00%	1.63%
<b>Sub-Total: Distribution</b>			<b>41.50</b>			<b>42.56</b>	<b>1.06</b>	<b>2.55%</b>	<b>73.06%</b>
Retail Transmission Rate – Network Service Rate	109	0.0047	0.51	109	0.0047	0.51	0.00	0.00%	0.88%
Retail Transmission Rate – Line and Transformation Connection S	109	0.0038	0.41	109	0.0038	0.41	0.00	0.00%	0.71%
<b>Sub-Total: Retail Transmission</b>			<b>0.93</b>			<b>0.93</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.59%</b>
<b>Sub-Total: Delivery</b>			<b>42.43</b>			<b>43.49</b>	<b>1.06</b>	<b>2.50%</b>	<b>74.65%</b>
Wholesale Market Service Rate	109	0.0036	0.39	109	0.0036	0.39	0.00	0.00%	0.67%
Rural Rate Protection Charge	109	0.0021	0.23	109	0.0021	0.23	0.00	0.00%	0.39%
Ontario Electricity Support Program Charge	109	0.0011	0.12	109	0.0011	0.12	0.00	0.00%	0.21%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.43%
<b>Sub-Total: Regulatory</b>			<b>0.99</b>			<b>0.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.70%</b>
<b>Debt Retirement Charge (DRC)</b>	100	0.007	<b>0.70</b>	100	0.007	<b>0.70</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.20%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>54.42</b>			<b>55.48</b>	<b>1.06</b>	<b>1.95%</b>	<b>95.24%</b>
HST		0.13	7.07		0.13	7.21	0.14	1.95%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>61.49</b>			<b>62.69</b>	<b>1.20</b>	<b>1.95%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		-0.08	-4.35		-0.08	-4.44	-0.08	1.95%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>57.14</b>			<b>58.25</b>	<b>1.11</b>	<b>1.95%</b>	<b>100.00%</b>

**2022 Bill Impacts (Typical Consumption Level)**

Rate Class	USL
Monthly Consumption (kWh)	500
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	546
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	500	0.103	51.50	500	0.103	51.50	0.00	0.00%	40.05%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>51.50</b>			<b>51.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>40.05%</b>
Service Charge	1	37.5	37.50	1	38.49	38.49	0.99	2.64%	29.93%
Fixed Deferral/Variance Account Rider	1	-0.01	-0.01	1	-0.01	-0.01	0.00	0.00%	-0.01%
Distribution Volumetric Rate	500	0.0304	15.20	500	0.0311	15.55	0.35	2.30%	12.09%
Volumetric Deferral/Variance Account Rider (including CBR Class)	500	0.0002	0.10	500	0.0002	0.10	0.00	0.00%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>52.79</b>			<b>54.13</b>	<b>1.34</b>	<b>2.54%</b>	<b>42.09%</b>
Line Losses on Cost of Power	46	0.10	4.74	46	0.10	4.74	0.00	0.00%	3.68%
<b>Sub-Total: Distribution</b>			<b>57.53</b>			<b>58.87</b>	<b>1.34</b>	<b>2.33%</b>	<b>45.78%</b>
Retail Transmission Rate – Network Service Rate	546	0.0047	2.57	546	0.0047	2.57	0.00	0.00%	2.00%
Retail Transmission Rate – Line and Transformation Connection S	546	0.0038	2.07	546	0.0038	2.07	0.00	0.00%	1.61%
<b>Sub-Total: Retail Transmission</b>			<b>4.64</b>			<b>4.64</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.61%</b>
<b>Sub-Total: Delivery</b>			<b>62.17</b>			<b>63.51</b>	<b>1.34</b>	<b>2.16%</b>	<b>49.39%</b>
Wholesale Market Service Rate	546	0.0036	1.97	546	0.0036	1.97	0.00	0.00%	1.53%
Rural Rate Protection Charge	546	0.0021	1.15	546	0.0021	1.15	0.00	0.00%	0.89%
Ontario Electricity Support Program Charge	546	0.0011	0.60	546	0.0011	0.60	0.00	0.00%	0.47%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.19%
<b>Sub-Total: Regulatory</b>			<b>3.96</b>			<b>3.96</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.08%</b>
<b>Debt Retirement Charge (DRC)</b>	500	0.007	<b>3.50</b>	500	0.007	<b>3.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.72%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>121.13</b>			<b>122.47</b>	<b>1.34</b>	<b>1.11%</b>	<b>95.24%</b>
HST		0.13	15.75		0.13	15.92	0.17	1.11%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>136.88</b>			<b>138.39</b>	<b>1.51</b>	<b>1.11%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		-0.08	-9.69		-0.08	-9.80	-0.11	1.11%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>127.19</b>			<b>128.60</b>	<b>1.41</b>	<b>1.11%</b>	<b>100.00%</b>

**2022 Bill Impacts (Average Consumption Level)**

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Rate Class	USL
Monthly Consumption (kWh)	364
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	397
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	364	0.103	37.49	364	0.103	37.49	0.00	0.00%	35.82%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>37.49</b>			<b>37.49</b>	<b>0.00</b>	<b>0.00%</b>	<b>35.82%</b>
Service Charge	1	37.5	37.50	1	38.49	38.49	0.99	2.64%	36.77%
Fixed Deferral/Variance Account Rider	1	-0.01	-0.01	1	-0.01	-0.01	0.00	0.00%	-0.01%
Distribution Volumetric Rate	364	0.0304	11.07	364	0.0311	11.32	0.25	2.30%	10.81%
Volumetric Deferral/Variance Account Rider (including CBR Class)	364	0.0002	0.07	364	0.0002	0.07	0.00	0.00%	0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>48.63</b>			<b>49.87</b>	<b>1.24</b>	<b>2.56%</b>	<b>47.64%</b>
Line Losses on Cost of Power	33	0.10	3.45	33	0.10	3.45	0.00	0.00%	3.30%
<b>Sub-Total: Distribution</b>			<b>52.08</b>			<b>53.32</b>	<b>1.24</b>	<b>2.39%</b>	<b>50.94%</b>
Retail Transmission Rate – Network Service Rate	397	0.0047	1.87	397	0.0047	1.87	0.00	0.00%	1.78%
Retail Transmission Rate – Line and Transformation Connection S	397	0.0038	1.51	397	0.0038	1.51	0.00	0.00%	1.44%
<b>Sub-Total: Retail Transmission</b>			<b>3.38</b>			<b>3.38</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.23%</b>
<b>Sub-Total: Delivery</b>			<b>55.46</b>			<b>56.70</b>	<b>1.24</b>	<b>2.24%</b>	<b>54.17%</b>
Wholesale Market Service Rate	397	0.0036	1.43	397	0.0036	1.43	0.00	0.00%	1.37%
Rural Rate Protection Charge	397	0.0021	0.83	397	0.0021	0.83	0.00	0.00%	0.80%
Ontario Electricity Support Program Charge	397	0.0011	0.44	397	0.0011	0.44	0.00	0.00%	0.42%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.24%
<b>Sub-Total: Regulatory</b>			<b>2.95</b>			<b>2.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.82%</b>
<b>Debt Retirement Charge (DRC)</b>	364	0.007	<b>2.55</b>	364	0.007	<b>2.55</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.43%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>98.45</b>			<b>99.69</b>	<b>1.24</b>	<b>1.26%</b>	<b>95.24%</b>
HST		0.13	12.80		0.13	12.96	0.16	1.26%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>111.25</b>			<b>112.65</b>	<b>1.41</b>	<b>1.26%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		-0.08	-7.88		-0.08	-7.98	-0.10	1.26%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>103.37</b>			<b>104.68</b>	<b>1.31</b>	<b>1.26%</b>	<b>100.00%</b>

**2022 Bill Impacts (High Consumption Level)**

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Rate Class	USL
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	1092
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	34.64%
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	13.57%
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.21%</b>
Service Charge	1	37.5	37.50	1	38.49	38.49	0.99	2.64%	17.26%
Fixed Deferral/Variance Account Rider	1	-0.01	-0.01	1	-0.01	-0.01	0.00	0.00%	0.00%
Distribution Volumetric Rate	1,000	0.0304	30.40	1,000	0.0311	31.10	0.70	2.30%	13.95%
Volumetric Deferral/Variance Account Rider (including CBR Class)	1,000	0.0002	0.20	1,000	0.0002	0.20	0.00	0.00%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>68.09</b>			<b>69.78</b>	<b>1.69</b>	<b>2.48%</b>	<b>31.29%</b>
Line Losses on Cost of Power	92	0.12	11.13	92	0.12	11.13	0.00	0.00%	4.99%
<b>Sub-Total: Distribution</b>			<b>79.22</b>			<b>80.91</b>	<b>1.69</b>	<b>2.13%</b>	<b>36.29%</b>
Retail Transmission Rate – Network Service Rate	1,092	0.0047	5.13	1,092	0.0047	5.13	0.00	0.00%	2.30%
Retail Transmission Rate – Line and Transformation Connection S	1,092	0.0038	4.15	1,092	0.0038	4.15	0.00	0.00%	1.86%
<b>Sub-Total: Retail Transmission</b>			<b>9.28</b>			<b>9.28</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.16%</b>
<b>Sub-Total: Delivery</b>			<b>88.50</b>			<b>90.19</b>	<b>1.69</b>	<b>1.91%</b>	<b>40.45%</b>
Wholesale Market Service Rate	1,092	0.0036	3.93	1,092	0.0036	3.93	0.00	0.00%	1.76%
Rural Rate Protection Charge	1,092	0.0021	2.29	1,092	0.0021	2.29	0.00	0.00%	1.03%
Ontario Electricity Support Program Charge	1,092	0.0011	1.20	1,092	0.0011	1.20	0.00	0.00%	0.54%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.11%
<b>Sub-Total: Regulatory</b>			<b>7.68</b>			<b>7.68</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.44%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	<b>7.00</b>	1,000	0.007	<b>7.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.14%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>210.68</b>			<b>212.37</b>	<b>1.69</b>	<b>0.80%</b>	<b>95.24%</b>
HST		0.13	27.39		0.13	27.61	0.22	0.80%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>238.07</b>			<b>239.98</b>	<b>1.91</b>	<b>0.80%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		-0.08	-16.85		-0.08	-16.99	-0.14	0.80%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>221.21</b>			<b>222.99</b>	<b>1.77</b>	<b>0.80%</b>	<b>100.00%</b>

**2022 Bill Impacts (Low Consumption Level)**

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Rate Class	Sen Lgt
Monthly Consumption (kWh)	20
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	21.84
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	20	0.103	2.06	20	0.103	2.06	0.00	0.00%	20.62%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>2.06</b>			<b>2.06</b>	<b>0.00</b>	<b>0.00%</b>	<b>20.62%</b>
Service Charge	1	3.6	3.60	1	3.76	3.76	0.16	4.44%	37.63%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	20	0.1338	2.68	20	0.1401	2.80	0.13	4.71%	28.05%
Volumetric Deferral/Variance Account Rider (including CBR Class)	20	0.0001	0.00	20	0.0001	0.00	0.00	0.00%	0.02%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>6.28</b>			<b>6.56</b>	<b>0.29</b>	<b>4.56%</b>	<b>65.70%</b>
Line Losses on Cost of Power	2	0.10	0.19	2	0.10	0.19	0.00	0.00%	1.90%
<b>Sub-Total: Distribution</b>			<b>6.47</b>			<b>6.75</b>	<b>0.29</b>	<b>4.42%</b>	<b>67.60%</b>
Retail Transmission Rate – Network Service Rate	22	0.0038	0.08	22	0.003836	0.08	0.00	0.00%	0.84%
Retail Transmission Rate – Line and Transformation Connection S	22	0.0036	0.08	22	0.003624	0.08	0.00	0.00%	0.79%
<b>Sub-Total: Retail Transmission</b>			<b>0.16</b>			<b>0.16</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.63%</b>
<b>Sub-Total: Delivery</b>			<b>6.63</b>			<b>6.92</b>	<b>0.29</b>	<b>4.31%</b>	<b>69.23%</b>
Wholesale Market Service Rate	22	0.0036	0.08	22	0.0036	0.08	0.00	0.00%	0.79%
Rural Rate Protection Charge	22	0.0021	0.05	22	0.0021	0.05	0.00	0.00%	0.46%
Ontario Electricity Support Program Charge	22	0.0011	0.02	22	0.0011	0.02	0.00	0.00%	0.24%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	2.50%
<b>Sub-Total: Regulatory</b>			<b>0.40</b>			<b>0.40</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.99%</b>
<b>Debt Retirement Charge (DRC)</b>	20	0.007	<b>0.14</b>	20	0.007	<b>0.14</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.40%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>9.23</b>			<b>9.51</b>	<b>0.29</b>	<b>3.10%</b>	<b>95.24%</b>
HST		0.13	1.20		0.13	1.24	0.04	3.10%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>10.43</b>			<b>10.75</b>	<b>0.32</b>	<b>3.10%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		-0.08	-0.74		-0.08	-0.76	-0.02	3.10%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>9.69</b>			<b>9.99</b>	<b>0.30</b>	<b>3.10%</b>	<b>100.00%</b>

**2022 Bill Impacts (Average Consumption Level)**

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Rate Class	Sen Lgt
Monthly Consumption (kWh)	71
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	77.532
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	71	0.103	7.31	71	0.103	7.31	0.00	0.00%	29.57%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>7.31</b>			<b>7.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>29.57%</b>
Service Charge	1	3.6	3.60	1	3.76	3.76	0.16	4.44%	15.20%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	71	0.1338	9.50	71	0.1401	9.95	0.45	4.71%	40.22%
Volumetric Deferral/Variance Account Rider (including CBR Class)	71	0.0001	0.01	71	0.0001	0.01	0.00	0.00%	0.03%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>13.11</b>			<b>13.71</b>	<b>0.61</b>	<b>4.63%</b>	<b>55.46%</b>
Line Losses on Cost of Power	7	0.10	0.67	7	0.10	0.67	0.00	0.00%	2.72%
<b>Sub-Total: Distribution</b>			<b>13.78</b>			<b>14.39</b>	<b>0.61</b>	<b>4.41%</b>	<b>58.18%</b>
Retail Transmission Rate – Network Service Rate	78	0.0038	0.30	78	0.003836	0.30	0.00	0.00%	1.20%
Retail Transmission Rate – Line and Transformation Connection S	78	0.0036	0.28	78	0.003624	0.28	0.00	0.00%	1.14%
<b>Sub-Total: Retail Transmission</b>			<b>0.58</b>			<b>0.58</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.34%</b>
<b>Sub-Total: Delivery</b>			<b>14.36</b>			<b>14.97</b>	<b>0.61</b>	<b>4.23%</b>	<b>60.51%</b>
Wholesale Market Service Rate	78	0.0036	0.28	78	0.0036	0.28	0.00	0.00%	1.13%
Rural Rate Protection Charge	78	0.0021	0.16	78	0.0021	0.16	0.00	0.00%	0.66%
Ontario Electricity Support Program Charge	78	0.0011	0.09	78	0.0011	0.09	0.00	0.00%	0.34%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	1.01%
<b>Sub-Total: Regulatory</b>			<b>0.78</b>			<b>0.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.14%</b>
<b>Debt Retirement Charge (DRC)</b>	71	0.007	0.50	71	0.007	0.50	0.00	0.00%	2.01%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>22.95</b>			<b>23.55</b>	<b>0.61</b>	<b>2.65%</b>	<b>95.24%</b>
HST		0.13	2.98		0.13	3.06	0.08	2.65%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>25.93</b>			<b>26.61</b>	<b>0.69</b>	<b>2.65%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		-0.08	-1.84		-0.08	-1.88	-0.05	2.65%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>24.09</b>			<b>24.73</b>	<b>0.64</b>	<b>2.65%</b>	<b>100.00%</b>

**2022 Bill Impacts (Typical Consumption Level)**

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Rate Class	Sen Lgt
Monthly Consumption (kWh)	50
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	54.6
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	50	0.103	5.15	50	0.103	5.15	0.00	0.00%	27.60%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>5.15</b>			<b>5.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>27.60%</b>
Service Charge	1	3.6	3.60	1	3.76	3.76	0.16	4.44%	20.15%
Fixed Deferral/Variance Account Rider	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	50	0.1338	6.69	50	0.1401	7.01	0.32	4.71%	37.54%
Volumetric Deferral/Variance Account Rider (including CBR Class)	50	0.0001	0.01	50	0.0001	0.01	0.00	0.00%	0.03%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>10.30</b>			<b>10.77</b>	<b>0.48</b>	<b>4.61%</b>	<b>57.71%</b>
Line Losses on Cost of Power	5	0.10	0.47	5	0.10	0.47	0.00	0.00%	2.54%
<b>Sub-Total: Distribution</b>			<b>10.77</b>			<b>11.24</b>	<b>0.48</b>	<b>4.41%</b>	<b>60.25%</b>
Retail Transmission Rate – Network Service Rate	55	0.0038	0.21	55	0.003836	0.21	0.00	0.00%	1.12%
Retail Transmission Rate – Line and Transformation Connection S	55	0.0036	0.20	55	0.003624	0.20	0.00	0.00%	1.06%
<b>Sub-Total: Retail Transmission</b>			<b>0.41</b>			<b>0.41</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.18%</b>
<b>Sub-Total: Delivery</b>			<b>11.18</b>			<b>11.65</b>	<b>0.48</b>	<b>4.25%</b>	<b>62.44%</b>
Wholesale Market Service Rate	55	0.0036	0.20	55	0.0036	0.20	0.00	0.00%	1.05%
Rural Rate Protection Charge	55	0.0021	0.11	55	0.0021	0.11	0.00	0.00%	0.61%
Ontario Electricity Support Program Charge	55	0.0011	0.06	55	0.0011	0.06	0.00	0.00%	0.32%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	1.34%
<b>Sub-Total: Regulatory</b>			<b>0.62</b>			<b>0.62</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.33%</b>
<b>Debt Retirement Charge (DRC)</b>	50	0.007	<b>0.35</b>	50	0.007	<b>0.35</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.88%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>17.30</b>			<b>17.77</b>	<b>0.48</b>	<b>2.75%</b>	<b>95.24%</b>
HST			2.25		0.13	2.31	0.06	2.75%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>19.55</b>			<b>20.08</b>	<b>0.54</b>	<b>2.75%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>			-1.38		-0.08	-1.42	-0.04	2.75%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>18.16</b>			<b>18.66</b>	<b>0.50</b>	<b>2.75%</b>	<b>100.00%</b>

**2022 Bill Impacts (High Consumption Level)**

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Rate Class	Sen Lgt
Monthly Consumption (kWh)	200
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	218.4
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	200	0.103	20.60	200	0.103	20.60	0.00	0.00%	33.22%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>20.60</b>			<b>20.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>33.22%</b>
Service Charge	1	3.6	3.60	1	3.76	3.76	0.16	4.44%	6.06%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	200	0.1338	26.76	200	0.1401	28.02	1.26	4.71%	45.18%
Volumetric Deferral/Variance Account Rider (including CBR Class)	200	0.0001	0.02	200	0.0001	0.02	0.00	0.00%	0.03%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>30.38</b>			<b>31.80</b>	<b>1.42</b>	<b>4.67%</b>	<b>51.28%</b>
Line Losses on Cost of Power	18	0.10	1.90	18	0.10	1.90	0.00	0.00%	3.06%
<b>Sub-Total: Distribution</b>			<b>32.28</b>			<b>33.70</b>	<b>1.42</b>	<b>4.40%</b>	<b>54.34%</b>
Retail Transmission Rate – Network Service Rate	218	0.0038	0.84	218	0.003836	0.84	0.00	0.00%	1.35%
Retail Transmission Rate – Line and Transformation Connection S	218	0.0036	0.79	218	0.003624	0.79	0.00	0.00%	1.28%
<b>Sub-Total: Retail Transmission</b>			<b>1.63</b>			<b>1.63</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.63%</b>
<b>Sub-Total: Delivery</b>			<b>33.90</b>			<b>35.32</b>	<b>1.42</b>	<b>4.19%</b>	<b>56.96%</b>
Wholesale Market Service Rate	218	0.0036	0.79	218	0.0036	0.79	0.00	0.00%	1.27%
Rural Rate Protection Charge	218	0.0021	0.46	218	0.0021	0.46	0.00	0.00%	0.74%
Ontario Electricity Support Program Charge	218	0.0011	0.24	218	0.0011	0.24	0.00	0.00%	0.39%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.40%
<b>Sub-Total: Regulatory</b>			<b>1.74</b>			<b>1.74</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.80%</b>
<b>Debt Retirement Charge (DRC)</b>	200	0.007	<b>1.40</b>	200	0.007	<b>1.40</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.26%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>57.64</b>			<b>59.06</b>	<b>1.42</b>	<b>2.46%</b>	<b>95.24%</b>
HST		0.13	7.49		0.13	7.68	0.18	2.46%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>65.13</b>			<b>66.74</b>	<b>1.60</b>	<b>2.46%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		-0.08	-4.61		-0.08	-4.72	-0.11	2.46%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>60.52</b>			<b>62.01</b>	<b>1.49</b>	<b>2.46%</b>	<b>100.00%</b>

**2022 Bill Impacts (Low Consumption Level)**

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Rate Class	St Lgt
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	109.2
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	100	0.103	10.30	100	0.103	10.30	0.00	0.00%	33.09%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>10.30</b>			<b>10.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>33.09%</b>
Service Charge	1	4.77	4.77	1	4.89	4.89	0.12	2.52%	15.71%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	100	0.1070	10.70	100	0.1098	10.98	0.28	2.62%	35.27%
Volumetric Deferral/Variance Account Rider (including CBR Class)	100	0.0002	0.02	100	0.0002	0.02	0.00	0.00%	0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>15.49</b>			<b>15.89</b>	<b>0.40</b>	<b>2.58%</b>	<b>51.05%</b>
Line Losses on Cost of Power	9	0.10	0.95	9	0.10	0.95	0.00	0.00%	3.04%
<b>Sub-Total: Distribution</b>			<b>16.44</b>			<b>16.84</b>	<b>0.40</b>	<b>2.43%</b>	<b>54.09%</b>
Retail Transmission Rate – Network Service Rate	109	0.0038	0.42	109	0.003836	0.42	0.00	0.00%	1.35%
Retail Transmission Rate – Line and Transformation Connection S	109	0.0036	0.40	109	0.003624	0.40	0.00	0.00%	1.27%
<b>Sub-Total: Retail Transmission</b>			<b>0.81</b>			<b>0.81</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.62%</b>
<b>Sub-Total: Delivery</b>			<b>17.25</b>			<b>17.65</b>	<b>0.40</b>	<b>2.32%</b>	<b>56.71%</b>
Wholesale Market Service Rate	109	0.0036	0.39	109	0.0036	0.39	0.00	0.00%	1.26%
Rural Rate Protection Charge	109	0.0021	0.23	109	0.0021	0.23	0.00	0.00%	0.74%
Ontario Electricity Support Program Charge	109	0.0011	0.12	109	0.0011	0.12	0.00	0.00%	0.39%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.80%
<b>Sub-Total: Regulatory</b>			<b>0.99</b>			<b>0.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.19%</b>
<b>Debt Retirement Charge (DRC)</b>	100	0.007	<b>0.70</b>	100	0.007	<b>0.70</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.25%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>29.24</b>			<b>29.64</b>	<b>0.40</b>	<b>1.37%</b>	<b>95.24%</b>
HST		0.13	3.80		0.13	3.85	0.05	1.37%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>33.05</b>			<b>33.50</b>	<b>0.45</b>	<b>1.37%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		-0.08	-2.34		-0.08	-2.37	-0.03	1.37%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>30.71</b>			<b>31.13</b>	<b>0.42</b>	<b>1.37%</b>	<b>100.00%</b>

**2022 Bill Impacts (Average Consumption Level)**

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Rate Class	St Lgt
Monthly Consumption (kWh)	517
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	564.564
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	517	0.103	53.25	517	0.103	53.25	0.00	0.00%	38.60%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>53.25</b>			<b>53.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>38.60%</b>
Service Charge	1	4.77	4.77	1	4.89	4.89	0.12	2.52%	3.54%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	517	0.1070	55.32	517	0.1098	56.77	1.45	2.62%	41.15%
Volumetric Deferral/Variance Account Rider (including CBR Class	517	0.0002	0.10	517	0.0002	0.10	0.00	0.00%	0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>60.19</b>			<b>61.76</b>	<b>1.57</b>	<b>2.60%</b>	<b>44.77%</b>
Line Losses on Cost of Power	48	0.10	4.90	48	0.10	4.90	0.00	0.00%	3.55%
<b>Sub-Total: Distribution</b>			<b>65.09</b>			<b>66.66</b>	<b>1.57</b>	<b>2.41%</b>	<b>48.32%</b>
Retail Transmission Rate – Network Service Rate	565	0.0038	2.17	565	0.003836	2.17	0.00	0.00%	1.57%
Retail Transmission Rate – Line and Transformation Connection S	565	0.0036	2.05	565	0.003624	2.05	0.00	0.00%	1.48%
<b>Sub-Total: Retail Transmission</b>			<b>4.21</b>			<b>4.21</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.05%</b>
<b>Sub-Total: Delivery</b>			<b>69.30</b>			<b>70.87</b>	<b>1.57</b>	<b>2.26%</b>	<b>51.38%</b>
Wholesale Market Service Rate	565	0.0036	2.03	565	0.0036	2.03	0.00	0.00%	1.47%
Rural Rate Protection Charge	565	0.0013	0.73	565	0.0013	0.73	0.00	0.00%	0.53%
Ontario Electricity Support Program Charge	565	0.0011	0.62	565	0.0011	0.62	0.00	0.00%	0.45%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.18%
<b>Sub-Total: Regulatory</b>			<b>3.64</b>			<b>3.64</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.64%</b>
<b>Debt Retirement Charge (DRC)</b>	517	0.007	3.62	517	0.007	3.62	0.00	0.00%	2.62%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>129.81</b>			<b>131.38</b>	<b>1.57</b>	<b>1.21%</b>	<b>95.24%</b>
HST		0.13	16.88		0.13	17.08	0.20	1.21%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>146.69</b>			<b>148.46</b>	<b>1.77</b>	<b>1.21%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-10.38		-0.08	-10.51	-0.13	1.21%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>136.30</b>			<b>137.95</b>	<b>1.65</b>	<b>1.21%</b>	<b>100.00%</b>

**2022 Bill Impacts (Typical Consumption Level)**

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Rate Class	St Lgt
Monthly Consumption (kWh)	500
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	546
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	500	0.103	51.50	500	0.103	51.50	0.00	0.00%	38.55%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>51.50</b>			<b>51.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>38.55%</b>
Service Charge	1	4.77	4.77	1	4.89	4.89	0.12	2.52%	3.66%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	500	0.1070	53.50	500	0.1098	54.90	1.40	2.62%	41.10%
Volumetric Deferral/Variance Account Rider (including CBR Class	500	0.0002	0.10	500	0.0002	0.10	0.00	0.00%	0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>58.37</b>			<b>59.89</b>	<b>1.52</b>	<b>2.60%</b>	<b>44.83%</b>
Line Losses on Cost of Power	46	0.10	4.74	46	0.10	4.74	0.00	0.00%	3.55%
<b>Sub-Total: Distribution</b>			<b>63.11</b>			<b>64.63</b>	<b>1.52</b>	<b>2.41%</b>	<b>48.38%</b>
Retail Transmission Rate – Network Service Rate	546	0.0038	2.09	546	0.003836	2.09	0.00	0.00%	1.57%
Retail Transmission Rate – Line and Transformation Connection S	546	0.0036	1.98	546	0.003624	1.98	0.00	0.00%	1.48%
<b>Sub-Total: Retail Transmission</b>			<b>4.07</b>			<b>4.07</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.05%</b>
<b>Sub-Total: Delivery</b>			<b>67.18</b>			<b>68.70</b>	<b>1.52</b>	<b>2.26%</b>	<b>51.43%</b>
Wholesale Market Service Rate	546	0.0036	1.97	546	0.0036	1.97	0.00	0.00%	1.47%
Rural Rate Protection Charge	546	0.0013	0.71	546	0.0013	0.71	0.00	0.00%	0.53%
Ontario Electricity Support Program Charge	546	0.0011	0.60	546	0.0011	0.60	0.00	0.00%	0.45%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.19%
<b>Sub-Total: Regulatory</b>			<b>3.53</b>			<b>3.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.64%</b>
<b>Debt Retirement Charge (DRC)</b>	500	0.007	<b>3.50</b>	500	0.007	<b>3.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.62%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>125.71</b>			<b>127.23</b>	<b>1.52</b>	<b>1.21%</b>	<b>95.24%</b>
HST		0.13	16.34		0.13	16.54	0.20	1.21%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>142.05</b>			<b>143.77</b>	<b>1.72</b>	<b>1.21%</b>	<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-10.06		-0.08	-10.18	-0.12	1.21%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>131.99</b>			<b>133.59</b>	<b>1.60</b>	<b>1.21%</b>	<b>100.00%</b>

**2022 Bill Impacts (High Consumption Level)**

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Rate Class	St Lgt
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2184
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	14.12%
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	27.65%
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>41.77%</b>
Service Charge	1	4.77	4.77	1	4.89	4.89	0.12	2.52%	0.89%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	2,000	0.1070	214.00	2,000	0.1098	219.60	5.60	2.62%	40.14%
Volumetric Deferral/Variance Account Rider (including CBR Class)	2,000	0.0002	0.40	2,000	0.0002	0.40	0.00	0.00%	0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>219.17</b>			<b>224.89</b>	<b>5.72</b>	<b>2.61%</b>	<b>41.11%</b>
Line Losses on Cost of Power	184	0.12	22.26	184	0.12	22.26	0.00	0.00%	4.07%
<b>Sub-Total: Distribution</b>			<b>241.43</b>			<b>247.15</b>	<b>5.72</b>	<b>2.37%</b>	<b>45.18%</b>
Retail Transmission Rate – Network Service Rate	2,184	0.0038	8.38	2,184	0.003836	8.38	0.00	0.00%	1.53%
Retail Transmission Rate – Line and Transformation Connection S	2,184	0.0036	7.91	2,184	0.003624	7.91	0.00	0.00%	1.45%
<b>Sub-Total: Retail Transmission</b>			<b>16.29</b>			<b>16.29</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.98%</b>
<b>Sub-Total: Delivery</b>			<b>257.73</b>			<b>263.45</b>	<b>5.72</b>	<b>2.22%</b>	<b>48.15%</b>
Wholesale Market Service Rate	2,184	0.0036	7.86	2,184	0.0036	7.86	0.00	0.00%	1.44%
Rural Rate Protection Charge	2,184	0.0021	4.59	2,184	0.0021	4.59	0.00	0.00%	0.84%
Ontario Electricity Support Program Charge	2,184	0.0011	2.40	2,184	0.0011	2.40	0.00	0.00%	0.44%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%
<b>Sub-Total: Regulatory</b>			<b>15.10</b>			<b>15.10</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.76%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	<b>14.00</b>	2,000	0.007	<b>14.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.56%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>515.33</b>			<b>521.05</b>	<b>5.72</b>	<b>1.11%</b>	<b>95.24%</b>
HST		0.13	66.99		0.13	67.74	0.74	1.11%	12.38%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>582.32</b>			<b>588.78</b>	<b>6.46</b>	<b>1.11%</b>	<b>107.62%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		-0.08	-41.23		-0.08	-41.68	-0.46	1.11%	-7.62%
<b>Total Amount on Two-Tier RPP</b>			<b>541.09</b>			<b>547.10</b>	<b>6.01</b>	<b>1.11%</b>	<b>100.00%</b>

**2022 Bill Impacts (Low Consumption Level)**

Rate Class	AUR
Monthly Consumption (kWh)	350
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	370
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	350	0.103	36.05	350	0.103	36.05	0.00	0.00%	43.87%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.05</b>			<b>36.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.87%</b>	
TOU-Off Peak	228	0.087	19.79	228	0.087	19.79	0.00	0.00%		23.17%
TOU-Mid Peak	60	0.132	7.85	60	0.132	7.85	0.00	0.00%		9.19%
TOU-On Peak	63	0.180	11.34	63	0.180	11.34	0.00	0.00%		13.27%
<b>Sub-Total: Energy (TOU)</b>			<b>38.99</b>			<b>38.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.45%</b>	<b>45.64%</b>
Service Charge	1	30.76	30.76	1	31.60	31.60	0.84	2.73%	38.46%	36.99%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	350	0	0.00	350	0.0000	0.00	0.00	0.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class)	350	0	0.00	350	0	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>30.76</b>			<b>31.60</b>	<b>0.84</b>	<b>2.73%</b>	<b>38.46%</b>	<b>36.99%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.96%	0.92%
Line Losses on Cost of Power (based on two-tier RPP prices)	20	0.10	2.05	20	0.10	2.05	0.00	0.00%	2.50%	2.41%
Line Losses on Cost of Power (based on TOU prices)	20	0.11	2.22	20	0.11	2.22	0.00	0.00%	2.70%	2.60%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>33.60</b>			<b>34.44</b>	<b>0.84</b>	<b>2.50%</b>	<b>41.92%</b>	<b>40.32%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>33.77</b>			<b>34.61</b>	<b>0.84</b>	<b>2.49%</b>	<b>42.12%</b>	<b>40.52%</b>
Retail Transmission Rate – Network Service Rate	370	0.0073	2.70	370	0.0073	2.70	0.00	0.00%	3.29%	3.16%
Retail Transmission Rate – Line and Transformation Connection S	370	0.0062	2.29	370	0.0062	2.29	0.00	0.00%	2.79%	2.68%
<b>Sub-Total: Retail Transmission</b>			<b>4.99</b>			<b>4.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.08%</b>	<b>5.85%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>38.60</b>			<b>39.44</b>	<b>0.84</b>	<b>2.18%</b>	<b>48.00%</b>	<b>46.17%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>38.77</b>			<b>39.61</b>	<b>0.84</b>	<b>2.17%</b>	<b>48.20%</b>	<b>46.36%</b>
Wholesale Market Service Rate	370	0.0036	1.33	370	0.0036	1.33	0.00	0.00%	1.62%	1.56%
Rural Rate Protection Charge	370	0.0021	0.78	370	0.0021	0.78	0.00	0.00%	0.95%	0.91%
Ontario Electricity Support Program Charge	370	0.0011	0.41	370	0.0011	0.41	0.00	0.00%	0.50%	0.48%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.30%	0.29%
<b>Sub-Total: Regulatory</b>			<b>2.77</b>			<b>2.77</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.37%</b>	<b>3.24%</b>
<b>Debt Retirement Charge (DRC)</b>	350	0.000	<b>0.00</b>	350	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>77.41</b>			<b>78.25</b>	<b>0.84</b>	<b>1.09%</b>	<b>95.24%</b>	
HST		0.13	10.06		0.13	10.17	0.11	1.09%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>87.48</b>			<b>88.43</b>	<b>0.95</b>	<b>1.09%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-6.19		-0.08	-6.26	-0.07	1.09%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>81.29</b>			<b>82.17</b>	<b>0.88</b>	<b>1.09%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>80.52</b>			<b>81.36</b>	<b>0.84</b>	<b>1.04%</b>		<b>95.24%</b>
HST		0.13	10.47		0.13	10.58	0.11	1.04%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>90.99</b>			<b>91.94</b>	<b>0.95</b>	<b>1.04%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-6.44		-0.08	-6.51	-0.07	1.04%	-7.62%	
<b>Total Amount on TOU</b>			<b>84.54</b>			<b>85.43</b>	<b>0.88</b>	<b>1.04%</b>		<b>100.00%</b>

**2022 Bill Impacts (Typical Consumption Level)**

Rate Class	AUR
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	793
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	43.97%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	12.91%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.88%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		29.48%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		11.70%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		16.89%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>59.44%</b>	<b>58.06%</b>
Service Charge	1	30.76	30.76	1	31.6	31.60	0.84	2.73%	22.48%	21.96%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	750	0	0.00	750	0	0.00	0.00	0.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class)	750	0	0.00	750	0	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>30.76</b>			<b>31.60</b>	<b>0.84</b>	<b>2.73%</b>	<b>22.48%</b>	<b>21.96%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.56%	0.55%
Line Losses on Cost of Power (based on two-tier RPP prices)	43	0.12	5.17	43	0.12	5.17	0.00	0.00%	3.68%	3.59%
Line Losses on Cost of Power (based on TOU prices)	43	0.11	4.76	43	0.11	4.76	0.00	0.00%	3.39%	3.31%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>36.72</b>			<b>37.56</b>	<b>0.84</b>	<b>2.29%</b>	<b>26.73%</b>	<b>26.11%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>36.31</b>			<b>37.15</b>	<b>0.84</b>	<b>2.31%</b>	<b>26.43%</b>	<b>25.82%</b>
Retail Transmission Rate – Network Service Rate	793	0.0073	5.79	793	0.0073	5.79	0.00	0.00%	4.12%	4.02%
Retail Transmission Rate – Line and Transformation Connection S	793	0.0062	4.92	793	0.0062	4.92	0.00	0.00%	3.50%	3.42%
<b>Sub-Total: Retail Transmission</b>			<b>10.70</b>			<b>10.70</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.61%</b>	<b>7.44%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>47.42</b>			<b>48.26</b>	<b>0.84</b>	<b>1.77%</b>	<b>34.34%</b>	<b>33.54%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>47.01</b>			<b>47.85</b>	<b>0.84</b>	<b>1.79%</b>	<b>34.05%</b>	<b>33.26%</b>
Wholesale Market Service Rate	793	0.0036	2.85	793	0.0036	2.85	0.00	0.00%	2.03%	1.98%
Rural Rate Protection Charge	793	0.0021	1.66	793	0.0021	1.66	0.00	0.00%	1.18%	1.16%
Ontario Electricity Support Program Charge	793	0.0011	0.87	793	0.0011	0.87	0.00	0.00%	0.62%	0.61%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.18%	0.17%
<b>Sub-Total: Regulatory</b>			<b>5.64</b>			<b>5.64</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.01%</b>	<b>3.92%</b>
<b>Debt Retirement Charge (DRC)</b>	750	0.000	<b>0.00</b>	750	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>133.02</b>			<b>133.86</b>	<b>0.84</b>	<b>0.63%</b>	<b>95.24%</b>	
HST		0.13	17.29		0.13	17.40	0.11	0.63%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>150.31</b>			<b>151.26</b>	<b>0.95</b>	<b>0.63%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-10.64		-0.08	-10.71	-0.07	0.63%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>139.67</b>			<b>140.55</b>	<b>0.88</b>	<b>0.63%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>136.20</b>			<b>137.04</b>	<b>0.84</b>	<b>0.62%</b>		<b>95.24%</b>
HST		0.13	17.71		0.13	17.81	0.11	0.62%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>153.90</b>			<b>154.85</b>	<b>0.95</b>	<b>0.62%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-10.90		-0.08	-10.96	-0.07	0.62%		-7.62%
<b>Total Amount on TOU</b>			<b>143.01</b>			<b>143.89</b>	<b>0.88</b>	<b>0.62%</b>		<b>100.00%</b>

**2022 Bill Impacts (Average Consumption Level)**

Rate Class	AUR
Monthly Consumption (kWh)	505
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	534
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	505	0.103	52.02	505	0.103	52.02	0.00	0.00%	50.32%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>52.02</b>			<b>52.02</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.32%</b>	
TOU-Off Peak	328	0.087	28.56	328	0.087	28.56	0.00	0.00%		26.42%
TOU-Mid Peak	86	0.132	11.33	86	0.132	11.33	0.00	0.00%		10.48%
TOU-On Peak	91	0.180	16.36	91	0.180	16.36	0.00	0.00%		15.14%
<b>Sub-Total: Energy (TOU)</b>			<b>56.25</b>			<b>56.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.41%</b>	<b>52.05%</b>
Service Charge	1	30.76	30.76	1	31.6	31.60	0.84	2.73%	30.57%	29.24%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	505	0	0.00	505	0	0.00	0.00	0.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class)	505	0	0.00	505	0	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>30.76</b>			<b>31.60</b>	<b>0.84</b>	<b>2.73%</b>	<b>30.57%</b>	<b>29.24%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.76%	0.73%
Line Losses on Cost of Power (based on two-tier RPP prices)	29	0.10	2.96	29	0.10	2.96	0.00	0.00%	2.87%	2.74%
Line Losses on Cost of Power (based on TOU prices)	29	0.11	3.21	29	0.11	3.21	0.00	0.00%	3.10%	2.97%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>34.51</b>			<b>35.35</b>	<b>0.84</b>	<b>2.43%</b>	<b>34.20%</b>	<b>32.71%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>34.76</b>			<b>35.60</b>	<b>0.84</b>	<b>2.42%</b>	<b>34.43%</b>	<b>32.93%</b>
Retail Transmission Rate – Network Service Rate	534	0.0073	3.90	534	0.0073	3.90	0.00	0.00%	3.77%	3.61%
Retail Transmission Rate – Line and Transformation Connection S	534	0.0062	3.31	534	0.0062	3.31	0.00	0.00%	3.20%	3.06%
<b>Sub-Total: Retail Transmission</b>			<b>7.21</b>			<b>7.21</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.97%</b>	<b>6.67%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>41.72</b>			<b>42.56</b>	<b>0.84</b>	<b>2.01%</b>	<b>41.17%</b>	<b>39.38%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>41.96</b>			<b>42.80</b>	<b>0.84</b>	<b>2.00%</b>	<b>41.40%</b>	<b>39.60%</b>
Wholesale Market Service Rate	534	0.0036	1.92	534	0.0036	1.92	0.00	0.00%	1.86%	1.78%
Rural Rate Protection Charge	534	0.0021	1.12	534	0.0021	1.12	0.00	0.00%	1.08%	1.04%
Ontario Electricity Support Program Charge	534	0.0011	0.59	534	0.0011	0.59	0.00	0.00%	0.57%	0.54%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.24%	0.23%
<b>Sub-Total: Regulatory</b>			<b>3.88</b>			<b>3.88</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.75%</b>	<b>3.59%</b>
<b>Debt Retirement Charge (DRC)</b>	505	0.000	<b>0.00</b>	505	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>97.62</b>			<b>98.46</b>	<b>0.84</b>	<b>0.86%</b>	<b>95.24%</b>	
HST		0.13	12.69		0.13	12.80	0.11	0.86%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>110.31</b>			<b>111.25</b>	<b>0.95</b>	<b>0.86%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-7.81		-0.08	-7.88	-0.07	0.86%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>102.50</b>			<b>103.38</b>	<b>0.88</b>	<b>0.86%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>102.09</b>			<b>102.93</b>	<b>0.84</b>	<b>0.82%</b>		<b>95.24%</b>
HST		0.13	13.27		0.13	13.38	0.11	0.82%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>115.37</b>			<b>116.32</b>	<b>0.95</b>	<b>0.82%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-8.17		-0.08	-8.23	-0.07	0.82%	-7.62%	
<b>Total Amount on TOU</b>			<b>107.20</b>			<b>108.08</b>	<b>0.88</b>	<b>0.82%</b>		<b>100.00%</b>

**2022 Bill Impacts (High Consumption Level)**

Rate Class	AUR
Monthly Consumption (kWh)	1400
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1480
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	25.49%	
Energy Second Tier (kWh)	800	0.121	96.80	800	0.121	96.80	0.00	0.00%	39.92%	
<b>Sub-Total: Energy (RPP)</b>			<b>158.60</b>			<b>158.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>65.41%</b>	
TOU-Off Peak	910	0.087	79.17	910	0.087	79.17	0.00	0.00%		33.14%
TOU-Mid Peak	238	0.132	31.42	238	0.132	31.42	0.00	0.00%		13.15%
TOU-On Peak	252	0.180	45.36	252	0.180	45.36	0.00	0.00%		18.99%
<b>Sub-Total: Energy (TOU)</b>			<b>155.95</b>			<b>155.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>64.31%</b>	<b>65.28%</b>
Service Charge	1	30.76	30.76	1	31.6	31.60	0.84	2.73%	13.03%	13.23%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,400	0	0.00	1,400	0	0.00	0.00	0.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class	1,400	0	0.00	1,400	0	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>30.76</b>			<b>31.60</b>	<b>0.84</b>	<b>2.73%</b>	<b>13.03%</b>	<b>13.23%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.33%	0.33%
Line Losses on Cost of Power (based on two-tier RPP prices)	80	0.12	9.66	80	0.12	9.66	0.00	0.00%	3.98%	4.04%
Line Losses on Cost of Power (based on TOU prices)	80	0.11	8.89	80	0.11	8.89	0.00	0.00%	3.67%	3.72%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>41.21</b>			<b>42.05</b>	<b>0.84</b>	<b>2.04%</b>	<b>17.34%</b>	<b>17.60%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>40.44</b>			<b>41.28</b>	<b>0.84</b>	<b>2.08%</b>	<b>17.02%</b>	<b>17.28%</b>
Retail Transmission Rate – Network Service Rate	1,480	0.0073	10.80	1,480	0.0073	10.80	0.00	0.00%	4.45%	4.52%
Retail Transmission Rate – Line and Transformation Connection S	1,480	0.0062	9.17	1,480	0.0062	9.17	0.00	0.00%	3.78%	3.84%
<b>Sub-Total: Retail Transmission</b>			<b>19.98</b>			<b>19.98</b>	<b>0.00</b>	<b>0.00%</b>	<b>8.24%</b>	<b>8.36%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>61.18</b>			<b>62.02</b>	<b>0.84</b>	<b>1.37%</b>	<b>25.58%</b>	<b>25.96%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>60.42</b>			<b>61.26</b>	<b>0.84</b>	<b>1.39%</b>	<b>25.26%</b>	<b>25.64%</b>
Wholesale Market Service Rate	1,480	0.0036	5.33	1,480	0.0036	5.33	0.00	0.00%	2.20%	2.23%
Rural Rate Protection Charge	1,480	0.0021	3.11	1,480	0.0021	3.11	0.00	0.00%	1.28%	1.30%
Ontario Electricity Support Program Charge	1,480	0.0011	1.63	1,480	0.0011	1.63	0.00	0.00%	0.67%	0.68%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Regulatory</b>			<b>10.31</b>			<b>10.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.25%</b>	<b>4.32%</b>
<b>Debt Retirement Charge (DRC)</b>	1,400	0.000	<b>0.00</b>	1,400	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>230.10</b>			<b>230.94</b>	<b>0.84</b>	<b>0.37%</b>	<b>95.24%</b>	
HST		0.13	29.91		0.13	30.02	0.11	0.37%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>260.01</b>			<b>260.96</b>	<b>0.95</b>	<b>0.37%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-18.41		-0.08	-18.47	-0.07	0.37%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>241.60</b>			<b>242.48</b>	<b>0.88</b>	<b>0.37%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>226.67</b>			<b>227.51</b>	<b>0.84</b>	<b>0.37%</b>		<b>95.24%</b>
HST		0.13	29.47		0.13	29.58	0.11	0.37%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>256.14</b>			<b>257.09</b>	<b>0.95</b>	<b>0.37%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-18.13		-0.08	-18.20	-0.07	0.37%	-7.62%	
<b>Total Amount on TOU</b>			<b>238.01</b>			<b>238.89</b>	<b>0.88</b>	<b>0.37%</b>		<b>100.00%</b>

**2022 Bill Impacts (Low Consumption Level)**

Rate Class	AR
Monthly Consumption (kWh)	400
Peak (kW)	0
Loss factor	1.0667
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	427
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	400	0.103	41.20	400	0.103	41.20	0.00	0.00%	41.46%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>41.20</b>			<b>41.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>41.46%</b>	
TOU-Off Peak	260	0.087	22.62	260	0.087	22.62	0.00	0.00%		21.93%
TOU-Mid Peak	68	0.132	8.98	68	0.132	8.98	0.00	0.00%		8.70%
TOU-On Peak	72	0.180	12.96	72	0.180	12.96	0.00	0.00%		12.57%
<b>Sub-Total: Energy (TOU)</b>			<b>44.56</b>			<b>44.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>44.83%</b>	<b>43.20%</b>
Service Charge	1	40.08	40.08	1	41.17	41.17	1.09	2.72%	41.43%	39.92%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	400	0	0.00	400	0	0.00	0.00	0.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class)	400	0.0000	0.00	400	0.0000	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>40.08</b>			<b>41.17</b>	<b>1.09</b>	<b>2.72%</b>	<b>41.43%</b>	<b>39.92%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.79%	0.77%
Line Losses on Cost of Power (based on two-tier RPP prices)	27	0.10	2.75	27	0.10	2.75	0.00	0.00%	2.77%	2.66%
Line Losses on Cost of Power (based on TOU prices)	27	0.11	2.97	27	0.11	2.97	0.00	0.00%	2.99%	2.88%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>43.62</b>			<b>44.71</b>	<b>1.09</b>	<b>2.50%</b>	<b>44.99%</b>	<b>43.35%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>43.84</b>			<b>44.93</b>	<b>1.09</b>	<b>2.49%</b>	<b>45.21%</b>	<b>43.56%</b>
Retail Transmission Rate – Network Service Rate	427	0.0071	3.03	427	0.0071	3.03	0.00	0.00%	3.05%	2.94%
Retail Transmission Rate – Line and Transformation Connection S	427	0.0060	2.56	427	0.006	2.56	0.00	0.00%	2.58%	2.48%
<b>Sub-Total: Retail Transmission</b>			<b>5.59</b>			<b>5.59</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.62%</b>	<b>5.42%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>49.21</b>			<b>50.30</b>	<b>1.09</b>	<b>2.22%</b>	<b>50.61%</b>	<b>48.77%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>49.43</b>			<b>50.52</b>	<b>1.09</b>	<b>2.21%</b>	<b>50.84%</b>	<b>48.98%</b>
Wholesale Market Service Rate	427	0.0036	1.54	427	0.0036	1.54	0.00	0.00%	1.55%	1.49%
Rural Rate Protection Charge	427	0.0021	0.90	427	0.0021	0.90	0.00	0.00%	0.90%	0.87%
Ontario Electricity Support Program Charge	427	0.0011	0.47	427	0.0011	0.47	0.00	0.00%	0.47%	0.46%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.25%	0.24%
<b>Sub-Total: Regulatory</b>			<b>3.15</b>			<b>3.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.17%</b>	<b>3.06%</b>
<b>Debt Retirement Charge (DRC)</b>	400	0.000	<b>0.00</b>	400	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>93.56</b>			<b>94.65</b>	<b>1.09</b>	<b>1.17%</b>	<b>95.24%</b>	
HST		0.13	12.16		0.13	12.30	0.14	1.17%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>105.72</b>			<b>106.95</b>	<b>1.23</b>	<b>1.17%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-7.48		-0.08	-7.57	-0.09	-1.17%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>98.24</b>			<b>99.38</b>	<b>1.14</b>	<b>1.17%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>97.14</b>			<b>98.23</b>	<b>1.09</b>	<b>1.12%</b>		<b>95.24%</b>
HST		0.13	12.63		0.13	12.77	0.14	1.12%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>109.77</b>			<b>111.00</b>	<b>1.23</b>	<b>1.12%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-7.77		-0.08	-7.86	-0.09	-1.12%	-7.62%	
<b>Total Amount on TOU</b>			<b>102.00</b>			<b>103.14</b>	<b>1.14</b>	<b>1.12%</b>		<b>100.00%</b>

**2022 Bill Impacts (Typical Consumption Level)**

Rate Class	AR
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.0667
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	800
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	40.84%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	11.99%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>52.83%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		27.43%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		10.89%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		15.72%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.20%</b>	<b>54.04%</b>
Service Charge	1	40.08	40.08	1	41.17	41.17	1.09	2.72%	27.20%	26.63%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	750	0	0.00	750	0	0.00	0.00	0.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class)	750	0.0000	0.00	750	0.0000	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>40.08</b>			<b>41.17</b>	<b>1.09</b>	<b>2.72%</b>	<b>27.20%</b>	<b>26.63%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.52%	0.51%
Line Losses on Cost of Power (based on two-tier RPP prices)	50	0.12	6.05	50	0.12	6.05	0.00	0.00%	4.00%	3.92%
Line Losses on Cost of Power (based on TOU prices)	50	0.11	5.57	50	0.11	5.57	0.00	0.00%	3.68%	3.60%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>46.92</b>			<b>48.01</b>	<b>1.09</b>	<b>2.32%</b>	<b>31.73%</b>	<b>31.05%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>46.44</b>			<b>47.53</b>	<b>1.09</b>	<b>2.35%</b>	<b>31.41%</b>	<b>30.74%</b>
Retail Transmission Rate – Network Service Rate	800	0.0071	5.68	800	0.0071	5.68	0.00	0.00%	3.75%	3.67%
Retail Transmission Rate – Line and Transformation Connection S	800	0.0060	4.80	800	0.006	4.80	0.00	0.00%	3.17%	3.10%
<b>Sub-Total: Retail Transmission</b>			<b>10.48</b>			<b>10.48</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.93%</b>	<b>6.78%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>57.40</b>			<b>58.49</b>	<b>1.09</b>	<b>1.90%</b>	<b>38.65%</b>	<b>37.83%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>56.92</b>			<b>58.01</b>	<b>1.09</b>	<b>1.91%</b>	<b>38.33%</b>	<b>37.52%</b>
Wholesale Market Service Rate	800	0.0036	2.88	800	0.0036	2.88	0.00	0.00%	1.90%	1.86%
Rural Rate Protection Charge	800	0.0021	1.68	800	0.0021	1.68	0.00	0.00%	1.11%	1.09%
Ontario Electricity Support Program Charge	800	0.0011	0.88	800	0.0011	0.88	0.00	0.00%	0.58%	0.57%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.17%	0.16%
<b>Sub-Total: Regulatory</b>			<b>5.69</b>			<b>5.69</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.76%</b>	<b>3.68%</b>
<b>Debt Retirement Charge (DRC)</b>	750	0.000	<b>0.00</b>	750	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>143.04</b>			<b>144.13</b>	<b>1.09</b>	<b>0.76%</b>	<b>95.24%</b>	
HST		0.13	18.60		0.13	18.74	0.14	0.76%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>161.64</b>			<b>162.87</b>	<b>1.23</b>	<b>0.76%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-11.44		-0.08	-11.53	-0.09	0.76%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>150.20</b>			<b>151.34</b>	<b>1.14</b>	<b>0.76%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>146.16</b>			<b>147.25</b>	<b>1.09</b>	<b>0.75%</b>		<b>95.24%</b>
HST		0.13	19.00		0.13	19.14	0.14	0.75%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>165.16</b>			<b>166.39</b>	<b>1.23</b>	<b>0.75%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-11.69		-0.08	-11.78	-0.09	0.75%	-7.62%	
<b>Total Amount on TOU</b>			<b>153.46</b>			<b>154.61</b>	<b>1.14</b>	<b>0.75%</b>		<b>100.00%</b>

**2022 Bill Impacts (Average Consumption Level)**

Rate Class	AR
Monthly Consumption (kWh)	634
Peak (kW)	0
Loss factor	1.0667
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	676
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	46.45%	
Energy Second Tier (kWh)	34	0.121	4.11	34	0.121	4.11	0.00	0.00%	3.09%	
<b>Sub-Total: Energy (RPP)</b>			<b>65.91</b>			<b>65.91</b>	<b>0.00</b>	<b>0.00%</b>	<b>49.55%</b>	
TOU-Off Peak	412	0.087	35.85	412	0.087	35.85	0.00	0.00%		26.07%
TOU-Mid Peak	108	0.132	14.23	108	0.132	14.23	0.00	0.00%		10.34%
TOU-On Peak	114	0.180	20.54	114	0.180	20.54	0.00	0.00%		14.93%
<b>Sub-Total: Energy (TOU)</b>			<b>70.62</b>			<b>70.62</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.09%</b>	<b>51.34%</b>
Service Charge	1	40.08	40.08	1	41.17	41.17	1.09	2.72%	30.95%	29.93%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	634	0	0.00	634	0	0.00	0.00	0.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class)	634	0.0000	0.00	634	0.0000	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>40.08</b>			<b>41.17</b>	<b>1.09</b>	<b>2.72%</b>	<b>30.95%</b>	<b>29.93%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.59%	0.57%
Line Losses on Cost of Power (based on two-tier RPP prices)	42	0.12	5.12	42	0.12	5.12	0.00	0.00%	3.85%	3.72%
Line Losses on Cost of Power (based on TOU prices)	42	0.11	4.71	42	0.11	4.71	0.00	0.00%	3.54%	3.42%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>45.99</b>			<b>47.08</b>	<b>1.09</b>	<b>2.37%</b>	<b>35.39%</b>	<b>34.23%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>45.58</b>			<b>46.67</b>	<b>1.09</b>	<b>2.39%</b>	<b>35.08%</b>	<b>33.93%</b>
Retail Transmission Rate – Network Service Rate	676	0.0071	4.80	676	0.0071	4.80	0.00	0.00%	3.61%	3.49%
Retail Transmission Rate – Line and Transformation Connection S	676	0.0060	4.06	676	0.006	4.06	0.00	0.00%	3.05%	2.95%
<b>Sub-Total: Retail Transmission</b>			<b>8.86</b>			<b>8.86</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.66%</b>	<b>6.44%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>54.85</b>			<b>55.94</b>	<b>1.09</b>	<b>1.99%</b>	<b>42.05%</b>	<b>40.67%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>54.44</b>			<b>55.53</b>	<b>1.09</b>	<b>2.00%</b>	<b>41.74%</b>	<b>40.37%</b>
Wholesale Market Service Rate	676	0.0036	2.43	676	0.0036	2.43	0.00	0.00%	1.83%	1.77%
Rural Rate Protection Charge	676	0.0021	1.42	676	0.0021	1.42	0.00	0.00%	1.07%	1.03%
Ontario Electricity Support Program Charge	676	0.0011	0.74	676	0.0011	0.74	0.00	0.00%	0.56%	0.54%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.19%	0.18%
<b>Sub-Total: Regulatory</b>			<b>4.85</b>			<b>4.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.64%</b>	<b>3.53%</b>
<b>Debt Retirement Charge (DRC)</b>	634	0.000	<b>0.00</b>	634	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>125.61</b>			<b>126.70</b>	<b>1.09</b>	<b>0.87%</b>	<b>95.24%</b>	
HST		0.13	16.33		0.13	16.47	0.14	0.87%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>141.94</b>			<b>143.17</b>	<b>1.23</b>	<b>0.87%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-10.05		-0.08	-10.14	-0.09	0.87%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>131.89</b>			<b>133.03</b>	<b>1.14</b>	<b>0.87%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>129.91</b>			<b>131.00</b>	<b>1.09</b>	<b>0.84%</b>		<b>95.24%</b>
HST		0.13	16.89		0.13	17.03	0.14	0.84%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>146.80</b>			<b>148.03</b>	<b>1.23</b>	<b>0.84%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-10.39		-0.08	-10.48	-0.09	0.84%	-7.62%	
<b>Total Amount on TOU</b>			<b>136.41</b>			<b>137.55</b>	<b>1.14</b>	<b>0.84%</b>		<b>100.00%</b>

**2022 Bill Impacts (High Consumption Level)**

Rate Class	AR
Monthly Consumption (kWh)	1800
Peak (kW)	0
Loss factor	1.0667
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1920
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	19.49%	
Energy Second Tier (kWh)	1,200	0.121	145.20	1,200	0.121	145.20	0.00	0.00%	45.80%	
<b>Sub-Total: Energy (RPP)</b>			<b>207.00</b>			<b>207.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>65.29%</b>	
TOU-Off Peak	1,170	0.087	101.79	1,170	0.087	101.79	0.00	0.00%		32.94%
TOU-Mid Peak	306	0.132	40.39	306	0.132	40.39	0.00	0.00%		13.07%
TOU-On Peak	324	0.180	58.32	324	0.180	58.32	0.00	0.00%		18.87%
<b>Sub-Total: Energy (TOU)</b>			<b>200.50</b>			<b>200.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>63.24%</b>	<b>64.89%</b>
Service Charge	1	40.08	40.08	1	41.17	41.17	1.09	2.72%	12.99%	13.32%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,800	0	0.00	1,800	0	0.00	0.00	0.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class)	1,800	0.0000	0.00	1,800	0.0000	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>40.08</b>			<b>41.17</b>	<b>1.09</b>	<b>2.72%</b>	<b>12.99%</b>	<b>13.32%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.25%	0.26%
Line Losses on Cost of Power (based on two-tier RPP prices)	120	0.12	14.53	120	0.12	14.53	0.00	0.00%	4.58%	4.70%
Line Losses on Cost of Power (based on TOU prices)	120	0.11	13.37	120	0.11	13.37	0.00	0.00%	4.22%	4.33%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>55.40</b>			<b>56.49</b>	<b>1.09</b>	<b>1.97%</b>	<b>17.82%</b>	<b>18.28%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>54.24</b>			<b>55.33</b>	<b>1.09</b>	<b>2.01%</b>	<b>17.45%</b>	<b>17.91%</b>
Retail Transmission Rate – Network Service Rate	1,920	0.0071	13.63	1,920	0.0071	13.63	0.00	0.00%	4.30%	4.41%
Retail Transmission Rate – Line and Transformation Connection S	1,920	0.0060	11.52	1,920	0.006	11.52	0.00	0.00%	3.63%	3.73%
<b>Sub-Total: Retail Transmission</b>			<b>25.15</b>			<b>25.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.93%</b>	<b>8.14%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>80.55</b>			<b>81.64</b>	<b>1.09</b>	<b>1.35%</b>	<b>25.75%</b>	<b>26.42%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>79.40</b>			<b>80.49</b>	<b>1.09</b>	<b>1.37%</b>	<b>25.39%</b>	<b>26.05%</b>
Wholesale Market Service Rate	1,920	0.0036	6.91	1,920	0.0036	6.91	0.00	0.00%	2.18%	2.24%
Rural Rate Protection Charge	1,920	0.0021	4.03	1,920	0.0021	4.03	0.00	0.00%	1.27%	1.30%
Ontario Electricity Support Program Charge	1,920	0.0011	2.11	1,920	0.0011	2.11	0.00	0.00%	0.67%	0.68%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Regulatory</b>			<b>13.31</b>			<b>13.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.20%</b>	<b>4.31%</b>
<b>Debt Retirement Charge (DRC)</b>	1,800	0.000	<b>0.00</b>	1,800	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>300.86</b>			<b>301.95</b>	<b>1.09</b>	<b>0.36%</b>	<b>95.24%</b>	
HST		0.13	39.11		0.13	39.25	0.14	0.36%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>339.97</b>			<b>341.20</b>	<b>1.23</b>	<b>0.36%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-24.07		-0.08	-24.16	-0.09	0.36%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>315.90</b>			<b>317.04</b>	<b>1.14</b>	<b>0.36%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>293.20</b>			<b>294.29</b>	<b>1.09</b>	<b>0.37%</b>		<b>95.24%</b>
HST		0.13	38.12		0.13	38.26	0.14	0.37%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>331.32</b>			<b>332.55</b>	<b>1.23</b>	<b>0.37%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-23.46		-0.08	-23.54	-0.09	0.37%	-7.62%	
<b>Total Amount on TOU</b>			<b>307.86</b>			<b>309.01</b>	<b>1.14</b>	<b>0.37%</b>		<b>100.00%</b>

**2022 Bill Impacts (Low Consumption Level)**

Rate Class	AUGe
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	1057
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	37.41%	
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	14.65%	
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>52.05%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		26.92%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		10.68%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		15.43%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.94%</b>	<b>53.04%</b>
Service Charge	1	30.24	30.24	1	35.68	35.68	5.44	17.99%	17.28%	16.99%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,000	0.0174	17.40	1,000	0.0206	20.60	3.20	18.39%	9.97%	9.81%
Volumetric Deferral/Variance Account Rider (including CBR Class)	1,000	0	0.0000	1,000	0	0.0000	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>47.64</b>			<b>56.28</b>	<b>8.64</b>	<b>18.14%</b>	<b>27.25%</b>	<b>26.80%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.38%	0.38%
Line Losses on Cost of Power (based on two-tier RPP prices)	57	0.12	6.90	57	0.12	6.90	0.00	0.00%	3.34%	3.28%
Line Losses on Cost of Power (based on TOU prices)	57	0.11	6.35	57	0.11	6.35	0.00	0.00%	3.07%	3.02%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>55.33</b>			<b>63.97</b>	<b>8.64</b>	<b>15.62%</b>	<b>30.97%</b>	<b>30.46%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>54.78</b>			<b>63.42</b>	<b>8.64</b>	<b>15.77%</b>	<b>30.71%</b>	<b>30.20%</b>
Retail Transmission Rate – Network Service Rate	1,057	0.0056	5.92	1,057	0.0056	5.92	0.00	0.00%	2.87%	2.82%
Retail Transmission Rate – Line and Transformation Connection S	1,057	0.0046	4.86	1,057	0.0046	4.86	0.00	0.00%	2.35%	2.32%
<b>Sub-Total: Retail Transmission</b>			<b>10.78</b>			<b>10.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.22%</b>	<b>5.13%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>66.11</b>			<b>74.75</b>	<b>8.64</b>	<b>13.07%</b>	<b>36.19%</b>	<b>35.59%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>65.56</b>			<b>74.20</b>	<b>8.64</b>	<b>13.18%</b>	<b>35.93%</b>	<b>35.33%</b>
Wholesale Market Service Rate	1,057	0.0036	3.81	1,057	0.0036	3.81	0.00	0.00%	1.84%	1.81%
Rural Rate Protection Charge	1,057	0.0021	2.22	1,057	0.0021	2.22	0.00	0.00%	1.07%	1.06%
Ontario Electricity Support Program Charge	1,057	0.0011	1.16	1,057	0.0011	1.16	0.00	0.00%	0.56%	0.55%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.12%	0.12%
<b>Sub-Total: Regulatory</b>			<b>7.44</b>			<b>7.44</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.60%</b>	<b>3.54%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	3.39%	3.33%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>188.05</b>			<b>196.69</b>	<b>8.64</b>	<b>4.59%</b>	<b>95.24%</b>	
HST		0.13	24.45		0.13	25.57	1.12	4.59%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>212.49</b>			<b>222.26</b>	<b>9.76</b>	<b>4.59%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-15.04		-0.08	-15.73	-0.69	4.59%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>197.45</b>			<b>206.52</b>	<b>9.07</b>	<b>4.59%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>191.39</b>			<b>200.03</b>	<b>8.64</b>	<b>4.51%</b>		<b>95.24%</b>
HST		0.13	24.88		0.13	26.00	1.12	4.51%		12.38%
<b>Total Electricity Charge on TOU (including HST)</b>			<b>216.27</b>			<b>226.03</b>	<b>9.76</b>	<b>4.51%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-15.31		-0.08	-16.00	-0.69	4.51%		-7.62%
<b>Total Amount on TOU</b>			<b>200.96</b>			<b>210.03</b>	<b>9.07</b>	<b>4.51%</b>		<b>100.00%</b>

**2022 Bill Impacts (Typical Consumption Level)**

Rate Class	AUGe
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2114
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	19.88%	
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	38.92%	
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.79%</b>	
TOU-Off Peak	1,300	0.087	113.10	1,300	0.087	113.10	0.00	0.00%		29.65%
TOU-Mid Peak	340	0.132	44.88	340	0.132	44.88	0.00	0.00%		11.76%
TOU-On Peak	360	0.180	64.80	360	0.180	64.80	0.00	0.00%		16.99%
<b>Sub-Total: Energy (TOU)</b>			<b>222.78</b>			<b>222.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.32%</b>	<b>58.40%</b>
Service Charge	1	30.24	30.24	1	35.68	35.68	5.44	17.99%	9.18%	9.35%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	2,000	0.0174	34.80	2,000	0.0206	41.20	6.40	18.39%	10.60%	10.80%
Volumetric Deferral/Variance Account Rider (including CBR Class)	2,000	0	0.0000	2,000	0	0.0000	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>65.04</b>			<b>76.88</b>	<b>11.84</b>	<b>18.20%</b>	<b>19.78%</b>	<b>20.15%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.20%	0.21%
Line Losses on Cost of Power (based on two-tier RPP prices)	114	0.12	13.79	114	0.12	13.79	0.00	0.00%	3.55%	3.62%
Line Losses on Cost of Power (based on TOU prices)	114	0.11	12.70	114	0.11	12.70	0.00	0.00%	3.27%	3.33%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>79.62</b>			<b>91.46</b>	<b>11.84</b>	<b>14.87%</b>	<b>23.53%</b>	<b>23.97%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>78.53</b>			<b>90.37</b>	<b>11.84</b>	<b>15.08%</b>	<b>23.25%</b>	<b>23.69%</b>
Retail Transmission Rate – Network Service Rate	2,114	0.0056	11.84	2,114	0.0056	11.84	0.00	0.00%	3.05%	3.10%
Retail Transmission Rate – Line and Transformation Connection S	2,114	0.0046	9.72	2,114	0.0046	9.72	0.00	0.00%	2.50%	2.55%
<b>Sub-Total: Retail Transmission</b>			<b>21.56</b>			<b>21.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.55%</b>	<b>5.65%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>101.19</b>			<b>113.03</b>	<b>11.84</b>	<b>11.70%</b>	<b>29.08%</b>	<b>29.63%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>100.09</b>			<b>111.93</b>	<b>11.84</b>	<b>11.83%</b>	<b>28.80%</b>	<b>29.34%</b>
Wholesale Market Service Rate	2,114	0.0036	7.61	2,114	0.0036	7.61	0.00	0.00%	1.96%	1.99%
Rural Rate Protection Charge	2,114	0.0021	4.44	2,114	0.0021	4.44	0.00	0.00%	1.14%	1.16%
Ontario Electricity Support Program Charge	2,114	0.0011	2.33	2,114	0.0011	2.33	0.00	0.00%	0.60%	0.61%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%	0.07%
<b>Sub-Total: Regulatory</b>			<b>14.63</b>			<b>14.63</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.76%</b>	<b>3.83%</b>
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	3.60%	3.67%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>358.31</b>			<b>370.15</b>	<b>11.84</b>	<b>3.30%</b>	<b>95.24%</b>	
HST		0.13	46.58		0.13	48.12	1.54	3.30%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>404.89</b>			<b>418.27</b>	<b>13.38</b>	<b>3.30%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-28.66		-0.08	-29.61	-0.95	3.30%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>376.23</b>			<b>388.66</b>	<b>12.43</b>	<b>3.30%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>351.50</b>			<b>363.34</b>	<b>11.84</b>	<b>3.37%</b>		<b>95.24%</b>
HST		0.13	45.69		0.13	47.23	1.54	3.37%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>397.19</b>			<b>410.57</b>	<b>13.38</b>	<b>3.37%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-28.12		-0.08	-29.07	-0.95	3.37%	-7.62%	
<b>Total Amount on TOU</b>			<b>369.07</b>			<b>381.50</b>	<b>12.43</b>	<b>3.37%</b>		<b>100.00%</b>

**2022 Bill Impacts (Average Consumption Level)**

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Rate Class	AUGe
Monthly Consumption (kWh)	2,695
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2848.615
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	14.99%	
Energy Second Tier (kWh)	1,945	0.121	235.35	1,945	0.121	235.35	0.00	0.00%	45.68%	
<b>Sub-Total: Energy (RPP)</b>			<b>312.60</b>			<b>312.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>60.67%</b>	
TOU-Off Peak	1,752	0.087	152.40	1,752	0.087	152.40	0.00	0.00%		30.44%
TOU-Mid Peak	458	0.132	60.48	458	0.132	60.48	0.00	0.00%		12.08%
TOU-On Peak	485	0.180	87.32	485	0.180	87.32	0.00	0.00%		17.44%
<b>Sub-Total: Energy (TOU)</b>			<b>300.20</b>			<b>300.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.26%</b>	<b>59.96%</b>
Service Charge	1	30.24	30.24	1	35.68	35.68	5.44	17.99%	6.92%	7.13%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	2,695	0.0174	46.89	2,695	0.0206	55.52	8.62	18.39%	10.77%	11.09%
Volumetric Deferral/Variance Account Rider (including CBR Class)	2,695	0	0.0000	2,695	0	0.0000	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>77.13</b>			<b>91.20</b>	<b>14.06</b>	<b>18.23%</b>	<b>17.70%</b>	<b>18.21%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.15%	0.16%
Line Losses on Cost of Power (based on two-tier RPP prices)	154	0.12	18.59	154	0.12	18.59	0.00	0.00%	3.61%	3.71%
Line Losses on Cost of Power (based on TOU prices)	154	0.11	17.11	154	0.11	17.11	0.00	0.00%	3.32%	3.42%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>96.51</b>			<b>110.57</b>	<b>14.06</b>	<b>14.57%</b>	<b>21.46%</b>	<b>22.08%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>95.03</b>			<b>109.10</b>	<b>14.06</b>	<b>14.80%</b>	<b>21.17%</b>	<b>21.79%</b>
Retail Transmission Rate – Network Service Rate	2,849	0.0056	15.95	2,849	0.0056	15.95	0.00	0.00%	3.10%	3.19%
Retail Transmission Rate – Line and Transformation Connection S	2,849	0.0046	13.10	2,849	0.0046	13.10	0.00	0.00%	2.54%	2.62%
<b>Sub-Total: Retail Transmission</b>			<b>29.06</b>			<b>29.06</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.64%</b>	<b>5.80%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>125.57</b>			<b>139.63</b>	<b>14.06</b>	<b>11.20%</b>	<b>27.10%</b>	<b>27.89%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>124.09</b>			<b>138.15</b>	<b>14.06</b>	<b>11.33%</b>	<b>26.81%</b>	<b>27.59%</b>
Wholesale Market Service Rate	2,849	0.0036	10.26	2,849	0.0036	10.26	0.00	0.00%	1.99%	2.05%
Rural Rate Protection Charge	2,849	0.0021	5.98	2,849	0.0021	5.98	0.00	0.00%	1.16%	1.19%
Ontario Electricity Support Program Charge	2,849	0.0011	3.13	2,849	0.0011	3.13	0.00	0.00%	0.61%	0.63%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>19.62</b>			<b>19.62</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.81%</b>	<b>3.92%</b>
<b>Debt Retirement Charge (DRC)</b>	2,695	0.007	<b>18.87</b>	2,695	0.007	<b>18.87</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.66%</b>	<b>3.77%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>476.65</b>			<b>490.71</b>	<b>14.06</b>	<b>2.95%</b>	<b>95.24%</b>	
HST		0.13	61.96		0.13	63.79	1.83	2.95%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>538.61</b>			<b>554.50</b>	<b>15.89</b>	<b>2.95%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-38.13		-0.08	-39.26	-1.13	2.95%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>500.48</b>			<b>515.25</b>	<b>14.77</b>	<b>2.95%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>462.77</b>			<b>476.84</b>	<b>14.06</b>	<b>3.04%</b>		<b>95.24%</b>
HST		0.13	60.16		0.13	61.99	1.83	3.04%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>522.93</b>			<b>538.82</b>	<b>15.89</b>	<b>3.04%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-37.02		-0.08	-38.15	-1.13	3.04%	-7.62%	
<b>Total Amount on TOU</b>			<b>485.91</b>			<b>500.68</b>	<b>14.77</b>	<b>3.04%</b>		<b>100.00%</b>

**2022 Bill Impacts (High Consumption Level)**

Rate Class	AUGe
Monthly Consumption (kWh)	15000
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	15855
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	2.80%	
Energy Second Tier (kWh)	14,250	0.121	1,724.25	14,250	0.121	1,724.25	0.00	0.00%	62.55%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,801.50</b>			<b>1,801.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>65.36%</b>	
TOU-Off Peak	9,750	0.087	848.25	9,750	0.087	848.25	0.00	0.00%		32.49%
TOU-Mid Peak	2,550	0.132	336.60	2,550	0.132	336.60	0.00	0.00%		12.89%
TOU-On Peak	2,700	0.180	486.00	2,700	0.180	486.00	0.00	0.00%		18.62%
<b>Sub-Total: Energy (TOU)</b>			<b>1,670.85</b>			<b>1,670.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>60.62%</b>	<b>64.00%</b>
Service Charge	1	30.24	30.24	1	35.68	35.68	5.44	17.99%	1.29%	1.37%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	15,000	0.0174	261.00	15,000	0.0206	309.00	48.00	18.39%	11.21%	11.84%
Volumetric Deferral/Variance Account Rider (including CBR Class	15,000	0	0.0000	15,000	0	0.0000	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>291.24</b>			<b>344.68</b>	<b>53.44</b>	<b>18.35%</b>	<b>12.50%</b>	<b>13.20%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.03%	0.03%
Line Losses on Cost of Power (based on two-tier RPP prices)	855	0.12	103.46	855	0.12	103.46	0.00	0.00%	3.75%	3.96%
Line Losses on Cost of Power (based on TOU prices)	855	0.11	95.24	855	0.11	95.24	0.00	0.00%	3.46%	3.65%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>395.49</b>			<b>448.93</b>	<b>53.44</b>	<b>13.51%</b>	<b>16.29%</b>	<b>17.20%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>387.27</b>			<b>440.71</b>	<b>53.44</b>	<b>13.80%</b>	<b>15.99%</b>	<b>16.88%</b>
Retail Transmission Rate – Network Service Rate	15,855	0.0056	88.79	15,855	0.0056	88.79	0.00	0.00%	3.22%	3.40%
Retail Transmission Rate – Line and Transformation Connection S	15,855	0.0046	72.93	15,855	0.0046	72.93	0.00	0.00%	2.65%	2.79%
<b>Sub-Total: Retail Transmission</b>			<b>161.72</b>			<b>161.72</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.87%</b>	<b>6.19%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>557.21</b>			<b>610.65</b>	<b>53.44</b>	<b>9.59%</b>	<b>22.15%</b>	<b>23.39%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>548.99</b>			<b>602.43</b>	<b>53.44</b>	<b>9.73%</b>	<b>21.86%</b>	<b>23.08%</b>
Wholesale Market Service Rate	15,855	0.0036	57.08	15,855	0.0036	57.08	0.00	0.00%	2.07%	2.19%
Rural Rate Protection Charge	15,855	0.0021	33.30	15,855	0.0021	33.30	0.00	0.00%	1.21%	1.28%
Ontario Electricity Support Program Charge	15,855	0.0011	17.44	15,855	0.0011	17.44	0.00	0.00%	0.63%	0.67%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Regulatory</b>			<b>108.06</b>			<b>108.06</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.92%</b>	<b>4.14%</b>
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.81%	4.02%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>2,571.77</b>			<b>2,625.21</b>	<b>53.44</b>	<b>2.08%</b>	<b>95.24%</b>	
HST		0.13	334.33		0.13	341.28	6.95	2.08%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>2,906.10</b>			<b>2,966.49</b>	<b>60.39</b>	<b>2.08%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-205.74		-0.08	-210.02	-4.28	2.08%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>2,700.36</b>			<b>2,756.47</b>	<b>56.11</b>	<b>2.08%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>2,432.90</b>			<b>2,486.34</b>	<b>53.44</b>	<b>2.20%</b>		<b>95.24%</b>
HST		0.13	316.28		0.13	323.22	6.95	2.20%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>2,749.18</b>			<b>2,809.57</b>	<b>60.39</b>	<b>2.20%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-194.63		-0.08	-198.91	-4.28	2.20%	-7.62%	
<b>Total Amount on TOU</b>			<b>2,554.55</b>			<b>2,610.66</b>	<b>56.11</b>	<b>2.20%</b>		<b>100.00%</b>

**2022 Bill Impacts (Low Consumption Level)**

Rate Class	AGSe
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.0667
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	1066.7
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	36.06%	
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	14.12%	
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.18%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		25.98%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		10.31%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		14.89%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.99%</b>	<b>51.18%</b>
Service Charge	1	40.82	40.82	1	42.92	42.92	2.10	5.14%	20.03%	19.72%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,000	0.0187	18.70	1,000	0.0199	19.90	1.20	6.42%	9.29%	9.14%
Volumetric Deferral/Variance Account Rider (including CBR Class)	1,000	0	0.0000	1,000	0	0.0000	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>59.52</b>			<b>62.82</b>	<b>3.30</b>	<b>5.54%</b>	<b>29.32%</b>	<b>28.86%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.37%	0.36%
Line Losses on Cost of Power (based on two-tier RPP prices)	67	0.12	8.07	67	0.12	8.07	0.00	0.00%	3.77%	3.71%
Line Losses on Cost of Power (based on TOU prices)	67	0.11	7.43	67	0.11	7.43	0.00	0.00%	3.47%	3.41%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>68.38</b>			<b>71.68</b>	<b>3.30</b>	<b>4.83%</b>	<b>33.46%</b>	<b>32.93%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>67.74</b>			<b>71.04</b>	<b>3.30</b>	<b>4.87%</b>	<b>33.16%</b>	<b>32.64%</b>
Retail Transmission Rate – Network Service Rate	1,067	0.0053	5.65	1,067	0.0053	5.65	0.00	0.00%	2.64%	2.60%
Retail Transmission Rate – Line and Transformation Connection S	1,067	0.0044	4.69	1,067	0.0044	4.69	0.00	0.00%	2.19%	2.16%
<b>Sub-Total: Retail Transmission</b>			<b>10.35</b>			<b>10.35</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.83%</b>	<b>4.75%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>78.73</b>			<b>82.03</b>	<b>3.30</b>	<b>4.19%</b>	<b>38.29%</b>	<b>37.69%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>78.09</b>			<b>81.39</b>	<b>3.30</b>	<b>4.23%</b>	<b>37.99%</b>	<b>37.39%</b>
Wholesale Market Service Rate	1,067	0.0036	3.84	1,067	0.0036	3.84	0.00	0.00%	1.79%	1.76%
Rural Rate Protection Charge	1,067	0.0021	2.24	1,067	0.0021	2.24	0.00	0.00%	1.05%	1.03%
Ontario Electricity Support Program Charge	1,067	0.0011	1.17	1,067	0.0011	1.17	0.00	0.00%	0.55%	0.54%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.12%	0.11%
<b>Sub-Total: Regulatory</b>			<b>7.50</b>			<b>7.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.50%</b>	<b>3.45%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	3.27%	3.22%
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>200.73</b>			<b>204.03</b>	<b>3.30</b>	<b>1.64%</b>	<b>95.24%</b>	
HST		0.13	26.10		0.13	26.52	0.43	1.64%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>226.83</b>			<b>230.56</b>	<b>3.73</b>	<b>1.64%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-16.06		-0.08	-16.32	-0.26	1.64%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>210.77</b>			<b>214.23</b>	<b>3.47</b>	<b>1.64%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>203.98</b>			<b>207.28</b>	<b>3.30</b>	<b>1.62%</b>		<b>95.24%</b>
HST		0.13	26.52		0.13	26.95	0.43	1.62%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>230.50</b>			<b>234.23</b>	<b>3.73</b>	<b>1.62%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-16.32		-0.08	-16.58	-0.26	1.62%	-7.62%	
<b>Total Amount on TOU</b>			<b>214.18</b>			<b>217.64</b>	<b>3.47</b>	<b>1.62%</b>		<b>100.00%</b>

**2022 Bill Impacts (Typical Consumption Level)**

Rate Class	AGSe
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.0667
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2133.4
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	19.48%	
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	38.15%	
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.63%</b>	
TOU-Off Peak	1,300	0.087	113.10	1,300	0.087	113.10	0.00	0.00%		29.06%
TOU-Mid Peak	340	0.132	44.88	340	0.132	44.88	0.00	0.00%		11.53%
TOU-On Peak	360	0.180	64.80	360	0.180	64.80	0.00	0.00%		16.65%
<b>Sub-Total: Energy (TOU)</b>			<b>222.78</b>			<b>222.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.19%</b>	<b>57.25%</b>
Service Charge	1	40.82	40.82	1	42.92	42.92	2.10	5.14%	10.83%	11.03%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	2,000	0.0187	37.40	2,000	0.0199	39.80	2.40	6.42%	10.04%	10.23%
Volumetric Deferral/Variance Account Rider (including CBR Class)	2,000	0	0.0000	2,000	0	0.0000	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>78.22</b>			<b>82.72</b>	<b>4.50</b>	<b>5.75%</b>	<b>20.86%</b>	<b>21.26%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.20%	0.20%
Line Losses on Cost of Power (based on two-tier RPP prices)	133	0.12	16.14	133	0.12	16.14	0.00	0.00%	4.07%	4.15%
Line Losses on Cost of Power (based on TOU prices)	133	0.11	14.86	133	0.11	14.86	0.00	0.00%	3.75%	3.82%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>95.15</b>			<b>99.65</b>	<b>4.50</b>	<b>4.73%</b>	<b>25.13%</b>	<b>25.61%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>93.87</b>			<b>98.37</b>	<b>4.50</b>	<b>4.79%</b>	<b>24.81%</b>	<b>25.28%</b>
Retail Transmission Rate – Network Service Rate	2,133	0.0053	11.31	2,133	0.0053	11.31	0.00	0.00%	2.85%	2.91%
Retail Transmission Rate – Line and Transformation Connection S	2,133	0.0044	9.39	2,133	0.0044	9.39	0.00	0.00%	2.37%	2.41%
<b>Sub-Total: Retail Transmission</b>			<b>20.69</b>			<b>20.69</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.22%</b>	<b>5.32%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>115.85</b>			<b>120.35</b>	<b>4.50</b>	<b>3.88%</b>	<b>30.35%</b>	<b>30.93%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>114.56</b>			<b>119.06</b>	<b>4.50</b>	<b>3.93%</b>	<b>30.03%</b>	<b>30.60%</b>
Wholesale Market Service Rate	2,133	0.0036	7.68	2,133	0.0036	7.68	0.00	0.00%	1.94%	1.97%
Rural Rate Protection Charge	2,133	0.0021	4.48	2,133	0.0021	4.48	0.00	0.00%	1.13%	1.15%
Ontario Electricity Support Program Charge	2,133	0.0011	2.35	2,133	0.0011	2.35	0.00	0.00%	0.59%	0.60%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%	0.06%
<b>Sub-Total: Regulatory</b>			<b>14.76</b>			<b>14.76</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.72%</b>	<b>3.79%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	<b>14.00</b>	2,000	0.007	<b>14.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.53%</b>	<b>3.60%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>373.10</b>			<b>377.60</b>	<b>4.50</b>	<b>1.21%</b>	<b>95.24%</b>	
HST		0.13	48.50		0.13	49.09	0.59	1.21%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>421.61</b>			<b>426.69</b>	<b>5.08</b>	<b>1.21%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-29.85		-0.08	-30.21	-0.36	1.21%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>391.76</b>			<b>396.48</b>	<b>4.73</b>	<b>1.21%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>366.10</b>			<b>370.60</b>	<b>4.50</b>	<b>1.23%</b>		<b>95.24%</b>
HST		0.13	47.59		0.13	48.18	0.58	1.23%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>413.69</b>			<b>418.78</b>	<b>5.08</b>	<b>1.23%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-29.29		-0.08	-29.65	-0.36	1.23%	-7.62%	
<b>Total Amount on TOU</b>			<b>384.41</b>			<b>389.13</b>	<b>4.73</b>	<b>1.23%</b>		<b>100.00%</b>

**2022 Bill Impacts (Average Consumption Level)**

Rate Class	AGSe
Monthly Consumption (kWh)	1,988
Peak (kW)	0
Loss factor	1.0667
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2121
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	19.59%	
Energy Second Tier (kWh)	1,238	0.121	149.80	1,238	0.121	149.80	0.00	0.00%	37.99%	
<b>Sub-Total: Energy (RPP)</b>			<b>227.05</b>			<b>227.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.58%</b>	
TOU-Off Peak	1,292	0.087	112.42	1,292	0.087	112.42	0.00	0.00%		29.04%
TOU-Mid Peak	338	0.132	44.61	338	0.132	44.61	0.00	0.00%		11.53%
TOU-On Peak	358	0.180	64.41	358	0.180	64.41	0.00	0.00%		16.64%
<b>Sub-Total: Energy (TOU)</b>			<b>221.44</b>			<b>221.44</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.16%</b>	<b>57.21%</b>
Service Charge	1	40.82	40.82	1	42.92	42.92	2.10	5.14%	10.89%	11.09%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	1,988	0.0187	37.18	1,988	0.0199	39.56	2.39	6.42%	10.03%	10.22%
Volumetric Deferral/Variance Account Rider (including CBR Class	1,988	0	0.0000	1,988	0	0.0000	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>78.00</b>			<b>82.48</b>	<b>4.49</b>	<b>5.75%</b>	<b>20.92%</b>	<b>21.31%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.20%	0.20%
Line Losses on Cost of Power (based on two-tier RPP prices)	133	0.12	16.04	133	0.12	16.04	0.00	0.00%	4.07%	4.15%
Line Losses on Cost of Power (based on TOU prices)	133	0.11	14.77	133	0.11	14.77	0.00	0.00%	3.75%	3.82%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>94.83</b>			<b>99.32</b>	<b>4.49</b>	<b>4.73%</b>	<b>25.19%</b>	<b>25.66%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>93.56</b>			<b>98.04</b>	<b>4.49</b>	<b>4.79%</b>	<b>24.86%</b>	<b>25.33%</b>
Retail Transmission Rate – Network Service Rate	2,121	0.0053	11.24	2,121	0.0053	11.24	0.00	0.00%	2.85%	2.90%
Retail Transmission Rate – Line and Transformation Connection S	2,121	0.0044	9.33	2,121	0.0044	9.33	0.00	0.00%	2.37%	2.41%
<b>Sub-Total: Retail Transmission</b>			<b>20.57</b>			<b>20.57</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.22%</b>	<b>5.31%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>115.40</b>			<b>119.89</b>	<b>4.49</b>	<b>3.89%</b>	<b>30.40%</b>	<b>30.97%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>114.13</b>			<b>118.61</b>	<b>4.49</b>	<b>3.93%</b>	<b>30.08%</b>	<b>30.64%</b>
Wholesale Market Service Rate	2,121	0.0036	7.63	2,121	0.0036	7.63	0.00	0.00%	1.94%	1.97%
Rural Rate Protection Charge	2,121	0.0021	4.45	2,121	0.0021	4.45	0.00	0.00%	1.13%	1.15%
Ontario Electricity Support Program Charge	2,121	0.0011	2.33	2,121	0.0011	2.33	0.00	0.00%	0.59%	0.60%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%	0.06%
<b>Sub-Total: Regulatory</b>			<b>14.67</b>			<b>14.67</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.72%</b>	<b>3.79%</b>
<b>Debt Retirement Charge (DRC)</b>	1,988	0.007	<b>13.92</b>	1,988	0.007	<b>13.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.53%</b>	<b>3.60%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>371.03</b>			<b>375.52</b>	<b>4.49</b>	<b>1.21%</b>	<b>95.24%</b>	
HST		0.13	48.23		0.13	48.82	0.58	1.21%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>419.27</b>			<b>424.34</b>	<b>5.07</b>	<b>1.21%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-29.68		-0.08	-30.04	-0.36	1.21%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>389.59</b>			<b>394.30</b>	<b>4.71</b>	<b>1.21%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>364.16</b>			<b>368.64</b>	<b>4.49</b>	<b>1.23%</b>		<b>95.24%</b>
HST		0.13	47.34		0.13	47.92	0.58	1.23%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>411.50</b>			<b>416.56</b>	<b>5.07</b>	<b>1.23%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-29.13		-0.08	-29.49	-0.36	1.23%	-7.62%	
<b>Total Amount on TOU</b>			<b>382.36</b>			<b>387.07</b>	<b>4.71</b>	<b>1.23%</b>	<b>100.00%</b>	

**2022 Bill Impacts (High Consumption Level)**

Rate Class	AGSe
Monthly Consumption (kWh)	15,000
Peak (kW)	0
Loss factor	1.0667
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	16000.5
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	2.79%	
Energy Second Tier (kWh)	14,250	0.121	1,724.25	14,250	0.121	1,724.25	0.00	0.00%	62.34%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,801.50</b>			<b>1,801.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>65.14%</b>	
TOU-Off Peak	9,750	0.087	848.25	9,750	0.087	848.25	0.00	0.00%		32.40%
TOU-Mid Peak	2,550	0.132	336.60	2,550	0.132	336.60	0.00	0.00%		12.85%
TOU-On Peak	2,700	0.180	486.00	2,700	0.180	486.00	0.00	0.00%		18.56%
<b>Sub-Total: Energy (TOU)</b>			<b>1,670.85</b>			<b>1,670.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>60.41%</b>	<b>63.81%</b>
Service Charge	1	40.82	40.82	1	42.92	42.92	2.10	5.14%	1.55%	1.64%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	15,000	0.0187	280.50	15,000	0.0199	298.50	18.00	6.42%	10.79%	11.40%
Volumetric Deferral/Variance Account Rider (including CBR Class)	15,000	0	0.0000	15,000	0	0.0000	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>321.32</b>			<b>341.42</b>	<b>20.10</b>	<b>6.26%</b>	<b>12.34%</b>	<b>13.04%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.03%	0.03%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,001	0.12	121.06	1,001	0.12	121.06	0.00	0.00%	4.38%	4.62%
Line Losses on Cost of Power (based on TOU prices)	1,001	0.11	111.45	1,001	0.11	111.45	0.00	0.00%	4.03%	4.26%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>443.17</b>			<b>463.27</b>	<b>20.10</b>	<b>4.54%</b>	<b>16.75%</b>	<b>17.69%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>433.56</b>			<b>453.66</b>	<b>20.10</b>	<b>4.64%</b>	<b>16.40%</b>	<b>17.33%</b>
Retail Transmission Rate – Network Service Rate	16,001	0.0053	84.80	16,001	0.0053	84.80	0.00	0.00%	3.07%	3.24%
Retail Transmission Rate – Line and Transformation Connection S	16,001	0.0044	70.40	16,001	0.0044	70.40	0.00	0.00%	2.55%	2.69%
<b>Sub-Total: Retail Transmission</b>			<b>155.20</b>			<b>155.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.61%</b>	<b>5.93%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>598.38</b>			<b>618.48</b>	<b>20.10</b>	<b>3.36%</b>	<b>22.36%</b>	<b>23.62%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>588.76</b>			<b>608.86</b>	<b>20.10</b>	<b>3.41%</b>	<b>22.01%</b>	<b>23.25%</b>
Wholesale Market Service Rate	16,001	0.0036	57.60	16,001	0.0036	57.60	0.00	0.00%	2.08%	2.20%
Rural Rate Protection Charge	16,001	0.0021	33.60	16,001	0.0021	33.60	0.00	0.00%	1.21%	1.28%
Ontario Electricity Support Program Charge	16,001	0.0011	17.60	16,001	0.0011	17.60	0.00	0.00%	0.64%	0.67%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Regulatory</b>			<b>109.05</b>			<b>109.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.94%</b>	<b>4.16%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.80%</b>	<b>4.01%</b>
<b>Total Electricity Charge on Two-Tier RPP</b>			<b>2,613.93</b>			<b>2,634.03</b>	<b>20.10</b>	<b>0.77%</b>	<b>95.24%</b>	
HST		0.13	339.81		0.13	342.42	2.61	0.77%	12.38%	
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>2,953.74</b>			<b>2,976.45</b>	<b>22.71</b>	<b>0.77%</b>	<b>107.62%</b>	
Rebate equal to Ontario portion of HST (8%)		-0.08	-209.11		-0.08	-210.72	-1.61	0.77%	-7.62%	
<b>Total Amount on Two-Tier RPP</b>			<b>2,744.63</b>			<b>2,765.73</b>	<b>21.11</b>	<b>0.77%</b>	<b>100.00%</b>	
<b>Total Electricity Charge on TOU (before HST)</b>			<b>2,473.66</b>			<b>2,493.76</b>	<b>20.10</b>	<b>0.81%</b>		<b>95.24%</b>
HST		0.13	321.58		0.13	324.19	2.61	0.81%	12.38%	
<b>Total Electricity Charge on TOU (including HST)</b>			<b>2,795.24</b>			<b>2,817.95</b>	<b>22.71</b>	<b>0.81%</b>		<b>107.62%</b>
Rebate equal to Ontario portion of HST (8%)		-0.08	-197.89		-0.08	-199.50	-1.61	0.81%	-7.62%	
<b>Total Amount on TOU</b>			<b>2,597.35</b>			<b>2,618.45</b>	<b>21.11</b>	<b>0.81%</b>		<b>100.00%</b>

**2022 Bill Impacts (Low Consumption Level)**

Rate Class	AUGd
Monthly Consumption (kWh)	15,000
Peak (kW)	60
Loss factor	1.047
Load factor	34%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	15,698
Charge determinant	kW

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,698	0.103	1,616.84	15,698	0.103	1,616.84	0.00	0.00%	54.50%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,616.84</b>			<b>1,616.84</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.50%</b>
Service Charge	1	209.83	209.83	1	282.77	282.77	72.94	34.76%	9.53%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	60	3.86	231.60	60	5.1984	311.90	80.30	34.67%	10.51%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	60	0	0.00	60	0	0.00	0.00	0.00%	0.00%
Volumetric Global Adjustment Account Rider	15,698	0.0000	0.00	15,698	0.0000	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Distribution</b>			<b>441.43</b>			<b>594.67</b>	<b>153.24</b>	<b>34.72%</b>	<b>20.04%</b>
Retail Transmission Rate – Network Service Rate	60	1.8612	111.67	60	1.8612	111.67	0.00	0.00%	3.76%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.5062	90.37	60	1.5062	90.37	0.00	0.00%	3.05%
<b>Sub-Total: Retail Transmission</b>			<b>202.04</b>			<b>202.04</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.81%</b>
<b>Sub-Total: Delivery</b>			<b>643.47</b>			<b>796.72</b>	<b>153.24</b>	<b>23.82%</b>	<b>26.85%</b>
Wholesale Market Service Rate	15,698	0.0036	56.51	15,698	0.0036	56.51	0.00	0.00%	1.90%
Rural Rate Protection Charge	15,698	0.0021	32.96	15,698	0.0021	32.96	0.00	0.00%	1.11%
Ontario Electricity Support Program Charge	15,698	0.0011	17.27	15,698	0.0011	17.27	0.00	0.00%	0.58%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>106.99</b>			<b>106.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.61%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.54%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>2,472.31</b>			<b>2,625.55</b>	<b>153.24</b>	<b>6.20%</b>	<b>88.50%</b>
HST		0.13	321.40		0.13	341.32	19.92	6.20%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>2,793.71</b>			<b>2,966.88</b>	<b>173.17</b>	<b>6.20%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>2,793.71</b>			<b>2,966.88</b>	<b>173.17</b>	<b>6.20%</b>	<b>100.00%</b>

**2022 Bill Impacts (Typical Consumption Level)**

Rate Class	AUGd
Monthly Consumption (kWh)	35,000
Peak (kW)	120
Loss factor	1.047
Load factor	40%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	36,628
Charge determinant	kW

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	36,628	0.103	3,772.63	36,628	0.103	3,772.63	0.00	0.00%	59.86%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>3,772.63</b>			<b>3,772.63</b>	<b>0.00</b>	<b>0.00%</b>	<b>59.86%</b>
Service Charge	1	209.83	209.83	1	282.77	282.77	72.94	34.76%	4.49%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	120	3.86	463.20	120	5.1984	623.81	160.61	34.67%	9.90%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	120	0	0.00	120	0	0.00	0.00	0.00%	0.00%
Volumetric Global Adjustment Account Rider	36,628	0.0000	0.00	36,628	0.0000	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Distribution</b>			<b>673.03</b>			<b>906.58</b>	<b>233.55</b>	<b>34.70%</b>	<b>14.38%</b>
Retail Transmission Rate – Network Service Rate	120	1.8612	223.34	120	1.8612	223.34	0.00	0.00%	3.54%
Retail Transmission Rate – Line and Transformation Connection Service Rate	120	1.5062	180.74	120	1.5062	180.74	0.00	0.00%	2.87%
<b>Sub-Total: Retail Transmission</b>			<b>404.09</b>			<b>404.09</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.41%</b>
<b>Sub-Total: Delivery</b>			<b>1,077.12</b>			<b>1,310.67</b>	<b>233.55</b>	<b>21.68%</b>	<b>20.80%</b>
Wholesale Market Service Rate	36,628	0.0036	131.86	36,628	0.0036	131.86	0.00	0.00%	2.09%
Rural Rate Protection Charge	36,628	0.0021	76.92	36,628	0.0021	76.92	0.00	0.00%	1.22%
Ontario Electricity Support Program Charge	36,628	0.0011	40.29	36,628	0.0011	40.29	0.00	0.00%	0.64%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>249.32</b>			<b>249.32</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.96%</b>
<b>Debt Retirement Charge (DRC)</b>	35,000	0.007	<b>245.00</b>	35,000	0.007	<b>245.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.89%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>5,344.07</b>			<b>5,577.62</b>	<b>233.55</b>	<b>4.37%</b>	<b>88.50%</b>
HST		0.13	694.73		0.13	725.09	30.36	4.37%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>6,038.80</b>			<b>6,302.71</b>	<b>263.91</b>	<b>4.37%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>6,038.80</b>			<b>6,302.71</b>	<b>263.91</b>	<b>4.37%</b>	<b>100.00%</b>

**2022 Bill Impacts (Average Consumption Level)**

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Rate Class	AUGd
Monthly Consumption (kWh)	61,239
Peak (kW)	177
Loss factor	1.047
Load factor	47%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	64,087
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	64,087	0.103	6,600.92	64,087	0.103	6,600.92	0.00	0.00%	63.05%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>6,600.92</b>			<b>6,600.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>63.05%</b>
Service Charge	1	209.83	209.83	1	282.77	282.77	72.94	34.76%	2.70%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	177	3.86	683.22	177	5.1984	920.12	236.90	34.67%	8.79%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	177	0	0.00	177	0	0.00	0.00	0.00%	0.00%
Volumetric Global Adjustment Account Rider	64,087	0.0000	0.00	64,087	0.0000	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Distribution</b>			<b>893.05</b>			<b>1,202.89</b>	<b>309.84</b>	<b>34.69%</b>	<b>11.49%</b>
Retail Transmission Rate – Network Service Rate	177	1.8612	329.43	177	1.8612	329.43	0.00	0.00%	3.15%
Retail Transmission Rate – Line and Transformation Connection Service Rate	177	1.5062	266.60	177	1.5062	266.60	0.00	0.00%	2.55%
<b>Sub-Total: Retail Transmission</b>			<b>596.03</b>			<b>596.03</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.69%</b>
<b>Sub-Total: Delivery</b>			<b>1,489.08</b>			<b>1,798.92</b>	<b>309.84</b>	<b>20.81%</b>	<b>17.18%</b>
Wholesale Market Service Rate	64,087	0.0036	230.71	64,087	0.0036	230.71	0.00	0.00%	2.20%
Rural Rate Protection Charge	64,087	0.0021	134.58	64,087	0.0021	134.58	0.00	0.00%	1.29%
Ontario Electricity Support Program Charge	64,087	0.0011	70.50	64,087	0.0011	70.50	0.00	0.00%	0.67%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>436.04</b>			<b>436.04</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.17%</b>
<b>Debt Retirement Charge (DRC)</b>	61,239	0.007	<b>428.67</b>	61,239	0.007	<b>428.67</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.09%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>8,954.71</b>			<b>9,264.55</b>	<b>309.84</b>	<b>3.46%</b>	<b>88.50%</b>
HST		0.13	1,164.11		0.13	1,204.39	40.28	3.46%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>10,118.83</b>			<b>10,468.94</b>	<b>350.12</b>	<b>3.46%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>10,118.83</b>			<b>10,468.94</b>	<b>350.12</b>	<b>3.46%</b>	<b>100.00%</b>

**2022 Bill Impacts (High Consumption Level)**

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Rate Class	AUGd
Monthly Consumption (kWh)	175,000
Peak (kW)	500
Loss factor	1.047
Load factor	48%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	183,138
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	183,138	0.103	18,863.16	183,138	0.103	18,863.16	0.00	0.00%	71.64%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>18,863.16</b>			<b>18,863.16</b>	<b>0.00</b>	<b>0.00%</b>	<b>71.64%</b>
Fixed Smoothing Rider	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Volumetric Smoothing Rider	500	0	0.00	500	0	0.00	0.00	0.00%	0.00%
Volumetric Global Adjustment Account Rider	183,138	0.0000	0.00	183,138	0.0000	0.00	0.00	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	500	0	0.00	500	0	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Distribution</b>			<b>209.83</b>			<b>282.77</b>	<b>72.94</b>	<b>34.76%</b>	<b>1.07%</b>
Retail Transmission Rate – Network Service Rate	500	1.8612	930.60	500	1.8612	930.60	0.00	0.00%	3.53%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.5062	753.10	500	1.5062	753.10	0.00	0.00%	2.86%
<b>Sub-Total: Retail Transmission</b>			<b>1,683.70</b>			<b>1,683.70</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.39%</b>
<b>Sub-Total: Delivery</b>			<b>1,893.53</b>			<b>1,966.47</b>	<b>72.94</b>	<b>3.85%</b>	<b>7.47%</b>
Wholesale Market Service Rate	183,138	0.0036	659.30	183,138	0.0036	659.30	0.00	0.00%	2.50%
Rural Rate Protection Charge	183,138	0.0021	384.59	183,138	0.0021	384.59	0.00	0.00%	1.46%
Ontario Electricity Support Program Charge	183,138	0.0011	201.45	183,138	0.0011	201.45	0.00	0.00%	0.77%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,245.59</b>			<b>1,245.59</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.73%</b>
Debt Retirement Charge (DRC)	175,000	0.007	1,225.00	175,000	0.007	1,225.00	0.00	0.00%	4.65%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>23,227.28</b>			<b>23,300.22</b>	<b>72.94</b>	<b>0.31%</b>	<b>88.50%</b>
HST		0.13	3,019.55		0.13	3,029.03	9.48	0.31%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>26,246.82</b>			<b>26,329.25</b>	<b>82.42</b>	<b>0.31%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>26,246.82</b>			<b>26,329.25</b>	<b>82.42</b>	<b>0.31%</b>	<b>100.00%</b>

**2022 Bill Impacts (Low Consumption Level)**

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Rate Class	AGSd
Monthly Consumption (kWh)	15,000
Peak (kW)	60
Loss factor	1.056
Load factor	34%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	15,845
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,845	0.103	1,631.98	15,845	0.103	1,631.98	0.00	0.00%	53.93%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,631.98</b>			<b>1,631.98</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.93%</b>
Service Charge	1	208.51	208.51	1	252.3	252.30	43.79	21.00%	8.34%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	60	5.14	308.40	60	6.3239	379.43	71.03	23.03%	12.54%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	60	0	0.00	60	0.0000	0.00	0.00	0.00%	0.00%
Volumetric Global Adjustment Account Rider	15,845	0.0000	0.00	15,845	0.0000	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Distribution</b>			<b>516.91</b>			<b>631.73</b>	<b>114.82</b>	<b>22.21%</b>	<b>20.87%</b>
Retail Transmission Rate – Network Service Rate	60	1.8483	110.90	60	1.8483	110.90	0.00	0.00%	3.66%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.5101	90.61	60	1.5101	90.61	0.00	0.00%	2.99%
<b>Sub-Total: Retail Transmission</b>			<b>201.50</b>			<b>201.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.66%</b>
<b>Sub-Total: Delivery</b>			<b>718.41</b>			<b>833.24</b>	<b>114.82</b>	<b>15.98%</b>	<b>27.53%</b>
Wholesale Market Service Rate	15,845	0.0036	57.04	15,845	0.0036	57.04	0.00	0.00%	1.88%
Rural Rate Protection Charge	15,845	0.0021	33.27	15,845	0.0021	33.27	0.00	0.00%	1.10%
Ontario Electricity Support Program Charge	15,845	0.0011	17.43	15,845	0.0011	17.43	0.00	0.00%	0.58%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>107.99</b>			<b>107.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.57%</b>
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.47%
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>2,563.39</b>			<b>2,678.21</b>	<b>114.82</b>	<b>4.48%</b>	<b>88.50%</b>
HST		0.13	333.24		0.13	348.17	14.93	4.48%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>2,896.63</b>			<b>3,026.38</b>	<b>129.75</b>	<b>4.48%</b>	<b>100.00%</b>
Rebate equal to Ontario portion of HST (8%)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>2,896.63</b>			<b>3,026.38</b>	<b>129.75</b>	<b>4.48%</b>	<b>100.00%</b>

**2022 Bill Impacts (Typical Consumption Level)**

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Rate Class	AGSd
Monthly Consumption (kWh)	35,000
Peak (kW)	120
Loss factor	1.056
Load factor	40%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	36,971
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	36,971	0.103	3,807.96	36,971	0.103	3,807.96	0.00	0.00%	58.93%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>3,807.96</b>			<b>3,807.96</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.93%</b>
Service Charge	1	208.51	208.51	1	252.3	252.30	43.79	21.00%	3.90%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	120	5.14	616.80	120	6.3239	758.87	142.07	23.03%	11.74%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	120	0	0.00	120	0	0.00	0.00	0.00%	0.00%
Volumetric Global Adjustment Account Rider	36,971	0.0000	0.00	36,971	0.0000	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Distribution</b>			<b>825.31</b>			<b>1,011.17</b>	<b>185.86</b>	<b>22.52%</b>	<b>15.65%</b>
Retail Transmission Rate – Network Service Rate	120	1.8483	221.80	120	1.8483	221.80	0.00	0.00%	3.43%
Retail Transmission Rate – Line and Transformation Connection Service Rate	120	1.5101	181.21	120	1.5101	181.21	0.00	0.00%	2.80%
<b>Sub-Total: Retail Transmission</b>			<b>403.01</b>			<b>403.01</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.24%</b>
<b>Sub-Total: Delivery</b>			<b>1,228.32</b>			<b>1,414.18</b>	<b>185.86</b>	<b>15.13%</b>	<b>21.88%</b>
Wholesale Market Service Rate	36,971	0.0036	133.09	36,971	0.0036	133.09	0.00	0.00%	2.06%
Rural Rate Protection Charge	36,971	0.0021	77.64	36,971	0.0021	77.64	0.00	0.00%	1.20%
Ontario Electricity Support Program Charge	36,971	0.0011	40.67	36,971	0.0011	40.67	0.00	0.00%	0.63%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>251.65</b>			<b>251.65</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.89%</b>
<b>Debt Retirement Charge (DRC)</b>	35,000	0.007	<b>245.00</b>	35,000	0.007	<b>245.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.79%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>5,532.93</b>			<b>5,718.79</b>	<b>185.86</b>	<b>3.36%</b>	<b>88.50%</b>
<b>HST</b>		0.13	719.28		0.13	743.44	24.16	3.36%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>6,252.21</b>			<b>6,462.23</b>	<b>210.02</b>	<b>3.36%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>6,252.21</b>			<b>6,462.23</b>	<b>210.02</b>	<b>3.36%</b>	<b>100.00%</b>

**2022 Bill Impacts (Average Consumption Level)**

Rate Class	AGSd
Monthly Consumption (kWh)	53,895
Peak (kW)	152
Loss factor	1.056
Load factor	49%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	56,929
Charge determinant	kW

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	56,929	0.103	5,863.72	56,929	0.103	5,863.72	0.00	0.00%	62.13%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>5,863.72</b>			<b>5,863.72</b>	<b>0.00</b>	<b>0.00%</b>	<b>62.13%</b>
Service Charge	1	208.51	208.51	1	252.3	252.30	43.79	21.00%	2.67%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	152	5.14	781.28	152	6.3239	961.23	179.95	23.03%	10.18%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	152	0	0.00	152	0	0.00	0.00	0.00%	0.00%
Volumetric Global Adjustment Account Rider	56,929	0.0000	0.00	56,929	0.0000	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Distribution</b>			<b>989.79</b>			<b>1,213.53</b>	<b>223.74</b>	<b>22.61%</b>	<b>12.86%</b>
Retail Transmission Rate – Network Service Rate	152	1.8483	280.94	152	1.8483	280.94	0.00	0.00%	2.98%
Retail Transmission Rate – Line and Transformation Connection Service Rate	152	1.5101	229.54	152	1.5101	229.54	0.00	0.00%	2.43%
<b>Sub-Total: Retail Transmission</b>			<b>510.48</b>			<b>510.48</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.41%</b>
<b>Sub-Total: Delivery</b>			<b>1,500.27</b>			<b>1,724.01</b>	<b>223.74</b>	<b>14.91%</b>	<b>18.27%</b>
Wholesale Market Service Rate	56,929	0.0036	204.95	56,929	0.0036	204.95	0.00	0.00%	2.17%
Rural Rate Protection Charge	56,929	0.0021	119.55	56,929	0.0021	119.55	0.00	0.00%	1.27%
Ontario Electricity Support Program Charge	56,929	0.0011	62.62	56,929	0.0011	62.62	0.00	0.00%	0.66%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>387.37</b>			<b>387.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.10%</b>
<b>Debt Retirement Charge (DRC)</b>	53,895	0.007	<b>377.27</b>	53,895	0.007	<b>377.27</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.00%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>8,128.62</b>			<b>8,352.36</b>	<b>223.74</b>	<b>2.75%</b>	<b>88.50%</b>
HST		0.13	1,056.72		0.13	1,085.81	29.09	2.75%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>9,185.34</b>			<b>9,438.17</b>	<b>252.83</b>	<b>2.75%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>9,185.34</b>			<b>9,438.17</b>	<b>252.83</b>	<b>2.75%</b>	<b>100.00%</b>

**2022 Bill Impacts (High Consumption Level)**

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Rate Class	AGSd
Monthly Consumption (kWh)	175,000
Peak (kW)	500
Loss factor	1.056
Load factor	48%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	184,853
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	184,853	0.103	19,039.81	184,853	0.103	19,039.81	0.00	0.00%	71.84%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>19,039.81</b>			<b>19,039.81</b>	<b>0.00</b>	<b>0.00%</b>	<b>71.84%</b>
Fixed Smoothing Rider	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (including CBR Class B rider)	500	0	0.00	500	0	0.00	0.00	0.00%	0.00%
Volumetric Global Adjustment Account Rider	184,853	0.0000	0.00	184,853	0.0000	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Distribution</b>			<b>208.51</b>			<b>252.30</b>	<b>43.79</b>	<b>21.00%</b>	<b>0.95%</b>
Retail Transmission Rate – Network Service Rate	500	1.8483	924.15	500	1.8483	924.15	0.00	0.00%	3.49%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.5101	755.05	500	1.5101	755.05	0.00	0.00%	2.85%
<b>Sub-Total: Retail Transmission</b>			<b>1,679.20</b>			<b>1,679.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.34%</b>
<b>Sub-Total: Delivery</b>			<b>1,887.71</b>			<b>1,931.50</b>	<b>43.79</b>	<b>2.32%</b>	<b>7.29%</b>
Wholesale Market Service Rate	184,853	0.0036	665.47	184,853	0.0036	665.47	0.00	0.00%	2.51%
Rural Rate Protection Charge	184,853	0.0021	388.19	184,853	0.0021	388.19	0.00	0.00%	1.46%
Ontario Electricity Support Program Charge	184,853	0.0011	203.34	184,853	0.0011	203.34	0.00	0.00%	0.77%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,257.25</b>			<b>1,257.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.74%</b>
<b>Debt Retirement Charge (DRC)</b>	175,000	0.007	<b>1,225.00</b>	175,000	0.007	<b>1,225.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.62%</b>
<b>Total Electricity Charge on Two-Tier RPP (before HST)</b>			<b>23,409.76</b>			<b>23,453.55</b>	<b>43.79</b>	<b>0.19%</b>	<b>88.50%</b>
HST		0.13	3,043.27		0.13	3,048.96	5.69	0.19%	11.50%
<b>Total Electricity Charge on Two-Tier RPP (including HST)</b>			<b>26,453.03</b>			<b>26,502.52</b>	<b>49.48</b>	<b>0.19%</b>	<b>100.00%</b>
<b>Rebate equal to Ontario portion of HST (8%)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Amount on Two-Tier RPP</b>			<b>26,453.03</b>			<b>26,502.52</b>	<b>49.48</b>	<b>0.19%</b>	<b>100.00%</b>



1 these six acquired rate classes share the same “bulk loss” as other existing Hydro One  
2 rate classes starting 2021. The current “bulk” loss factor for Hydro One existing customer  
3 classes is 3.4%.

4  
5 After “bulk” assets, “local” distribution assets are used to deliver electricity to customers  
6 from these acquired utilities. Hydro One proposes no change to the existing loss factors  
7 for these “local” assets because: (i) most of these assets will continue to deliver electricity  
8 solely to the acquired customers; and (ii) there has not been any significant change with  
9 these local assets.

10  
11 Urban Acquired Classes (AUR, AUGe, AUGd)

12 The proposed new TLFs were derived by replacing the existing Woodstock Hydro  
13 estimated “bulk loss” by the Hydro One “bulk loss”. Other components of the TLFs are  
14 unchanged from the current Board-approved Woodstock Hydro TLFs.

15  
16 Mixed Density Acquired Classes (AR, AGSe, AGSd)

17 These new rate classes are comprised of customers from former Norfolk Power and  
18 Haldimand County Hydro, which each had different existing Board-approved TLFs. As  
19 such, Hydro One proposes to use a “kWh weighted average” approach to estimate an  
20 average TLF for these new classes.

21  
22 Each individual utility’s TLFs were revised by replacing the existing utility’s estimated  
23 “bulk loss” with the Hydro One “bulk loss”. The final TLF for the new classes was then  
24 determined by applying the “weighted average” approach to the revised TLFs for each  
25 individual distributor.

26  
Witness: Henry Andre

1 **3. TOTAL LOSS FACTORS FOR THE EXISTING HYDRO ONE RATE**  
2 **CLASSES**

3  
4 Hydro One proposes to continue to use the TLFs approved by the Board (as per EB-  
5 2013-0416) for all existing Hydro One rate classes for the 2018 to 2022 Custom IR  
6 period. Hydro One's existing TLFs are based on the results of a line loss study that was  
7 submitted in EB-2013-0416. Given the short period of time that has elapsed since the  
8 completion of that study and also given the consistent average historical Hydro One total  
9 loss factor, as discussed in Section 6 of this Exhibit, Hydro One did not expect a material  
10 change to the existing loss factors and, as such, did not seek an updated study in  
11 preparation for the filing of this Application.

12  
13 As discussed in Exhibit G1, Tab 2, Schedule 1, Hydro One proposes that customers from  
14 the Acquired Utilities in the Unmetered Scattered Load Service Class, Street Lighting  
15 Service Class, Sentinel Lighting Service Class, General Service Class and, those that  
16 meet the Hydro One Sub-Transmission Class requirements be merged into the  
17 corresponding Hydro One rate classes in 2021. The number of customers and load of  
18 these new additions are small as compared to the number of customers and load of the  
19 existing Hydro One rate classes. As such, it is expected that these acquired customers  
20 will not materially impact the existing TLFs and therefore no change is proposed.

21  
Witness: Henry Andre

1

**Table 1: Loss Factors**

Customer Class	DLF %	TLF%	DLF %	TLF%
	Proposed (2018 to 2022, same as current Board Approved)		Current Board Approved	
R1	7.0	7.6	7.0	7.6
R2	9.9	10.5	9.9	10.5
UR	5.1	5.7	5.1	5.7
Seasonal	9.8	10.4	9.8	10.4
GSe	9.0	9.6	9.0	9.6
GSd	5.5	6.1	5.5	6.1
UGe	6.1	6.7	6.1	6.7
UGd	4.4	5.0	4.4	5.0
ST	0* or 2.8	0.6* or 3.4	0* or 2.8	0.6* or 3.4
Street Lights	8.6	9.2	8.6	9.2
Sentinel Lights	8.6	9.2	8.6	9.2
USL	8.6	9.2	8.6	9.2
DGen	5.5	6.1	5.5	6.1
	Proposed (2021 to 2022)		Current Board Approved	
AUR	5.1	5.7	N/A	N/A
AUGe	5.1	5.7	N/A	N/A
AUGd	4.1	4.7	N/A	N/A
AR	6.1	6.7	N/A	N/A
AGSe	6.1	6.7	N/A	N/A
AGSd	5.0	5.6	N/A	N/A

2

\*Express feeder

3

4

Supply Facility Loss Factor ("SFLF") = 0.6%

5

Distribution Loss Factor ("DLF") + SFLF = Total Loss Factor ("TLF")

6

NOTE: Starting 2021, the proposed treatment for the different loss factors listed for primary metered and secondary metered customers in the acquired utilities' currently approved tariff schedules is reflected in the application of transformer loss allowance, which is discussed in Section 5.

7

8

Witness: Henry Andre

1

**Table 2: Acquired Utilities’ Current Board-Approved Loss Factors**

Norfolk Power	DLF %	TLF%
Res	5.0	5.6
GS < 50 kW	5.0	5.6
GS > 50 kW	5.0	5.6
Street Lights	5.0	5.6
Sentinel Lights	5.0	5.6
USL	5.0	5.6
Haldimand County Hydro	DLF %	TLF%
Res	6.0	6.6
GS < 50 kW	6.0	6.6
GS > 50 kW	6.0	6.6
Street Lights	6.0	6.6
Sentinel Lights	6.0	6.6
USL	6.0	6.6
Woodstock Hydro	DLF %	TLF%
Res	3.7	4.3
GS < 50 kW	3.7	4.3
GS 50 to 999 kW	3.7	4.3
GS > 1,000 kW	3.7	4.3
Street Lights	3.7	4.3
USL	3.7	4.3

2

3 Supply Facility Loss Factor ("SFLF") = 0.6%  
 4 Distribution Loss Factor ("DLF") + SFLF = Total Loss Factor ("TLF")  
 5 NOTE: TLFs are shown for Secondary Metered Customers < 5,000 kW. For details regarding applicable  
 6 losses for Primary Metered Customers and Secondary Metered Customers > 5,000 kWh, please see the  
 7 current tariff schedules approved by the OEB in EB-2016-0082.  
 8

9 **4. SUPPLY FACILITY LOSS FACTOR**

10

11 As approved under Hydro One’s previous rate applications (EB-2013-0416 and EB-2009-  
 12 0096), Hydro One proposes that in situations in which a customer’s metering is at the  
 13 supplying Transmission Station (“TS”) or High-Voltage Distribution Station (“HVDS”),  
 14 either inside the fence or immediately outside the fence, that only the losses associated  
 15 with the transformation at the station be applied (i.e. the approved Supply Facility Loss

Witness: Henry Andre

1 Factor). For situations in which a feeder delivers to solely one supply point (i.e. express  
2 feeders<sup>1</sup>), and the metering is located away from the supplying station, applicable losses  
3 should be calculated based on engineering studies provided by the customer. Hydro One  
4 will add non-technical losses to the calculated technical losses, consistent with the non-  
5 technical losses inherent in the existing Distribution Loss Factors.

6  
7 There are situations in which there is no metering at the customer supply point, and  
8 quantities are calculated by taking the differences between other metering (for example,  
9 feeder total minus the only other customer on the feeder). As previously approved under  
10 EB-2013-0416 and EB-2009-0096, in such situations losses are applied to the meter  
11 quantities separately, prior to calculating the differences, in order to avoid the potential  
12 double-counting of feeder losses that could occur if the Distribution Loss Factors was  
13 applied to the difference in metering quantities.

## 14 15 **5. TRANSFORMER LOSS ALLOWANCE**

16  
17 A transformer loss allowance is applicable to non-ST customers that are metered on the  
18 primary side of a transformer. The following uniform values shall be applied to reduce  
19 measured demand and energy to adjust for transformer losses for voltages up to and  
20 including 50 kV (as metered on the primary side):

- 21  
22 a) 1.5% for transformer installations up to an individual bank capacity of 400 kVA; and  
23 b) 1.0% for bank capacities over 400 kVA.

24  

---

  
<sup>1</sup> Feeder used by only one customer

1 A transformer loss allowance is applicable to ST customers that are metered on the  
2 secondary side of a transformer. The following uniform value shall be applied to  
3 increase measured demand and energy (as metered on the secondary side) to adjust for  
4 transformer losses:

5

6 a) 1.0%

7

8 Alternatively, transformer losses may be determined from transformer test data, and  
9 measured demand and energy adjusted accordingly.

10

11 **6. HISTORICAL LOSS FACTORS**

12

13 As required by Appendix 2-R of the Filing Requirements, Appendix 1 to this Exhibit  
14 provides Hydro One's overall historical loss data for 2012 to 2016. The calculated 5-year  
15 average historical loss factor of 8.3% is consistent with the average loss factor across all  
16 Hydro One rate classes based on the currently approved loss factors for each rate class.

1

Appendix 1

Appendix 2-R  
 Loss Factors

	Historical Years					5-Year Average	
	2012	2013	2014	2015	2016		
<b>Losses Within Distributor's System</b>							
A(1)	"Wholesale" kWh delivered to distributor (higher value)	22,890,429,091	22,806,492,445	21,974,163,833	20,400,925,934	18,305,442,849	21,275,490,830
A(2)	"Wholesale" kWh delivered to distributor (lower value)	25,051,498,409	25,729,629,909	25,786,233,670	25,387,400,976	25,016,328,881	25,394,218,369
B	Portion of "Wholesale" kWh delivered to distributor for its Large Use Customer(s)	5,227,127,893	4,994,576,266	5,222,354,008	5,112,496,184	5,212,527,082	5,153,816,286
C	Net "Wholesale" kWh delivered to distributor = A(2) - B	19,824,370,516	20,735,053,643	20,563,879,663	20,274,904,792	19,803,801,799	20,240,402,083
D	"Retail" kWh delivered by distributor	23,897,414,445	23,642,334,049	23,801,736,455	23,746,974,037	23,400,160,662	23,697,723,930
E	Portion of "Retail" kWh delivered by distributor to its Large Use Customer(s)	5,077,998,035	4,852,081,101	5,073,360,349	4,966,636,767	5,063,813,785	5,006,778,007
F	Net "Retail" kWh delivered by distributor = D - E	18,819,416,410	18,790,252,948	18,728,376,106	18,780,337,270	18,336,346,876	18,690,945,922
G	Loss Factor in Distributor's system = C / F	1.0534	1.1035	1.0980	1.0796	1.0800	1.0829
<b>Losses Upstream of Distributor's System</b>							
H	Supply Facilities Loss Factor	1.0250	1.0250	1.0250	1.0250	1.0250	1.0250
<b>Total Losses</b>							
I	Total Loss Factor = G x H	1.0797	1.1311	1.1255	1.1066	1.1070	1.1100

Notes:

- A(1)** If directly connected to the IESO-controlled grid, kWh pertains to the virtual meter on the primary or high voltage side of the transformer at the interface with the transmission grid. This corresponds to the "With Losses" kWh value provided by the IESO's MV-WEB. It is the higher of the two values provided by MV-WEB.
- If fully embedded within a host distributor, kWh pertains to the virtual meter on the primary or high voltage side of the transformer, at the interface between the host distributor and the transmission grid. For example, if the host distributor is Hydro One Networks Inc., kWh from the Hydro One Networks' invoice corresponding to "Total kWh w Losses" should be reported. This corresponds to the higher of the two kWh values provided in Hydro One Networks' invoice.
- If partially embedded, kWh pertains to the sum of the above.
- A(2)** If directly connected to the IESO-controlled grid, kWh pertains to a metering installation on the secondary or low voltage side of the transformer at the interface with the transmission grid. This corresponds to the "Without Losses" kWh value provided by the IESO's MV-WEB. It is the lower of the two kWh values provided by MV-WEB.
- If fully embedded with the host distributor, kWh pertains to a metering installation on the secondary or low voltage side of the transformer at the interface between the embedded distributor and the host distributor. For example, if the host distributor is Hydro One Networks Inc., kWh from the Hydro One Networks' invoice corresponding to "Total kWh" should be reported. This corresponds to the lower of the two kWh values provided in Hydro One Networks' invoice.
- If partially embedded, kWh pertains to the sum of the above.
- Additionally, kWh pertaining to distributed generation directly connected to the distributor's own distribution network should be included in **A(2)**.
- B** If a Large Use Customer is metered on the secondary or low voltage side of the transformer, the default loss is 1% (i.e., **B** = 1.01 X **E**).
- D** kWh corresponding to D should equal metered or estimated kWh at the customer's delivery point.
- G and I** These loss factors pertain to secondary-metered customers with demand less than 5,000 kW.
- H** If directly connected to the IESO-controlled grid, SFLF = 1.0045.
- If fully embedded within a host distributor, SFLF = loss factor re losses in transformer at grid interface X loss factor re losses in host distributor's system. If the host distributor is Hydro One Networks Inc., SFLF = 1.0060 X 1.0278 = 1.0340. If partially embedded, SFLF should be calculated as the weighted average of above.
- Distributors that wish to propose a different SFLF should provide appropriate justification for any such proposal including supporting calculations and any other relevant material.

2

Witness: Henry Andre