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Vice President
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BY COURIER

December 1, 2015

Ms. Kirsten Walli
Board Secretary
Ontario Energy Board
Suite 2700, 2300 Yonge Street
P.O. Box 2319
Toronto, ON
M4P 1E4

Dear Ms. Walli,

EB-2015-0079 - HONI Distribution Rates 2015-2017 – Draft Rate Order 2016

In the above-noted proceeding, Hydro One is applying for a 2016 Distribution Rate Order under section 78 of the *Ontario Energy Board Act, 1998*.

In advance of the technical conference directed by Procedural Order No. 1 issued on November 30, 2015, attached are two (2) updated copies of the draft Distribution Rate Order and Tariff Schedules for 2016, which were originally filed on September 30, 2015 under file number EB-2013-0416. They have been updated to reflect:

- (a) the Board-approved 2016 return on equity and short-term debt rates; and
- (b) a long-term debt rate based on Hydro One's actual 2015 debt issuances to-date and the September Consensus Economics 2016 forecast.

An electronic, text-searchable Adobe Acrobat copy of the 2016 draft Distribution Rate Order and Tariff Schedules has also been filed.

If approved, the 2016 Tariff Schedules will be effective as of January 1, 2016. The total bill impact for a typical residential customer with an average annual consumption of 800 kWh will be an increase of 0.99%. This is expected to add \$1.68 to a typical residential customer's monthly bill (R1 medium density).

By copy of this letter, all intervenors are notified of this filing with the Board.

Sincerely,

ORIGINAL SIGNED BY ODED HUBERT

Oded Hubert

Encls.

cc. EB-2013-0416 Intervenors; EB-2015-0079 Intervenors

Draft Rate Order December 1, 2015

1.0 Background

Hydro One Networks Inc. (“**Hydro One**”) filed an application with the Ontario Energy Board (the “**Board**”) under section 78 of the *Ontario Energy Board Act, 1998*, S.O. c.15, Schedule B, for an order or orders approving or fixing just and reasonable rates for the distribution of electricity effective January 1, 2015 and each year thereafter to December 31, 2019 (the “**Application**”). The Board assigned file number EB-2013-0416 to the Application.

On March 12, 2015 the Board released its decision on Hydro One’s Application (the “**Board Decision**”) and approved Hydro One’s revenue requirements for 2015, 2016 and 2017. On April 23, 2015, the Board issued Hydro One’s final distribution rates for 2015.

To maximize the review period for stakeholders, Hydro One filed a 2016 Draft Rate Order on September 30, 2015 which reflected the Board’s decision and only an updated return on equity rate based on an August 2015 Consensus Economics forecast, intending to file an updated version after the Board released its 2016 cost of capital parameters.

Subsequently, the Board released its 2016 cost of capital parameters on October 15, 2015 and, through a Letter of Direction (revised), assigned file number EB-2015-0079 to Hydro One’s request to approve its 2016 Draft Rate Order. A technical conference is scheduled for December 4, 2015 under Procedural Order No. 1, which was issued on November 30, 2015.

Hydro One is providing this updated 2016 Draft Rate Order which reflects (a) the Board’s Decision in EB-2013-0416, (b) the Board-approved 2016 return on equity and short-term debt rates, and (c) a long-term debt rate based on Hydro One’s actual 2015 debt issuances to-date and the latest Consensus Economics 2016 forecast.

The following sections summarize changes made to what was proposed in Hydro One’s Application.

2.0 Determination of 2016 Revenue Requirement

The 2016 Rates Revenue Requirement of \$1,473.8 million requested in Hydro One’s Application has been reduced to \$1,409.8 million, based on the Board’s Decision and other adjustments as summarized in Exhibit 1.0. Further details are provided in the Exhibits indicated below. The derivation of the 2016 Revenue Requirement includes:

- a reduction in the OM&A budget of \$21.7 million to reflect the Board's direction on compensation, vegetation management, conservation and demand management (pp.24-28, Board's Decision), Exhibit 1.1;
- an increase in LEAP funding of \$0.6 million to reflect 0.12% of 2016 revenue requirement as prescribed by the Board (p.32, Board's Decision), Exhibit 1.1;
- a reduction of \$1.6 million in the working capital allowance caused by the reduction in the OM&A costs described above, Exhibit 1.2;
- an annual cost of capital adjustment (Board Decision, p.40), Exhibit 1.4;
- a reduction in income tax to reflect the foregoing adjustments to net income, Exhibit 1.5; and
- an increase in external revenues of \$1.8 million to correct the error in the Miscellaneous Charges revenue forecast in the Application (Exhibit I, Tab 2.6, Schedule 2 SIA 21), Exhibit 1.6.

3.0 Cost Allocation

The 2016 cost allocation model ("CAM") includes three updates to the 2015 CAM previously approved by the Board as part of the 2015 Rate Order.

Firstly, the revenue requirement has been updated to reflect the 2016 revenue requirement as discussed in Section 2.0.

Secondly, the CAM has been updated to reflect the Board-approved 2016 load forecast. Consistent with the Board's direction in its Order of September 30, 2015, Hydro One has also applied the Board's policy on distribution rate design for residential customers to its seasonal class, as discussed in Section 4.2, with the changes effective January 1, 2016. Hence, the Seasonal class is not eliminated at this time, and the 2016 load forecasts for the UR, R1, R2 and Seasonal residential rate classes are unchanged from what was approved.

Lastly, the 2016 CAM adopts a new street lighting cost allocation methodology, as per the Board's letter to all distributors regarding its *New Cost Allocation Policy for Street Lighting Rate Class* (EB-2012-0383) (p.4) and the Board's Decision (p.62).

According to the requirements of version 3.3 of the Board-issued CAM, Hydro One has calculated and used a Street Lighting Adjustment Factor ("SLAF") for allocating costs to the street lighting class. The 2016 SLAF for Hydro One works out to 8.7, which is not significantly different from the value of 8.0 devices per connection that Hydro One assumed in its 2015 CAM. As such, the use of the SLAF results in only a very minor difference in the allocation of costs and revenue-to-cost ("R/C") ratios for Hydro One's rate classes, as shown in Table 1.

Table 1. Comparison of 2016 CAM Results Using Previous SLAF and New SLAF

Rate Class	CAM Results Using Original 8.0 SLAF			CAM Results Using New 8.7 SLAF		
	Revenue (\$)	Allocated Cost (\$)	R/C	Revenue (\$)	Allocated Cost (\$)	R/C
UR	100,200,151	79,639,144	1.26	100,201,577	79,671,662	1.26
R1	334,193,775	281,450,776	1.19	334,197,267	281,552,975	1.19
R2	508,048,894	549,715,391	0.92	508,052,509	549,853,739	0.92
Seasonal	113,512,759	109,334,914	1.04	113,514,686	109,419,477	1.04
GSe	160,317,903	158,292,312	1.01	160,318,515	158,303,011	1.01
GSd	125,955,316	145,598,624	0.87	125,954,715	145,551,967	0.87
UGe	19,899,722	22,326,770	0.89	19,899,795	22,326,005	0.89
UGd	26,653,583	30,552,171	0.87	26,653,461	30,542,502	0.87
St Lgt	11,503,519	13,179,325	0.87	11,492,882	12,860,698	0.89
Sen Lgt	6,963,352	7,695,616	0.90	6,963,516	7,702,257	0.90
USL	3,566,691	2,917,009	1.22	3,566,753	2,919,542	1.22
DGen	2,795,074	6,551,179	0.43	2,795,084	6,551,465	0.43
ST	46,895,365	53,252,870	0.88	46,895,344	53,250,800	0.88
Total	1,460,506,103	1,460,506,103		1,460,506,103	1,460,506,103	

The 2016 CAM input sheets I6.1 “Revenue Worksheet”, I6.2 “Customer Data Worksheet” and I8 “Demand Data Worksheet”, as well as Output Sheet “O1 Revenue to Cost” based on using the new SLAF are provided at Exhibit 2.0.

4.0 Rate Design

4.1 Revenue-to-Cost Ratios

In accordance with the Board’s Decision (p.45), Hydro One is continuing to move its revenue-to-cost (“**R/C**”) ratio to 90-110% over the 2016-2017 period. The three rate classes with a R/C ratio above the Board’s approved range (i.e. UR, R1 and USL rate classes) are moving to a R/C ratio of 110% over the 2016-2017 period. The resulting revenue shortfall is made up via a stepped increase to the R/C ratio of the rate classes with the lowest R/C ratio until the shortfall is

fully addressed. This is the same approach proposed in the Application and used to set the rates approved in the 2015 Rate Order (April 23, 2015).

As per the Board's approval of the 2015 Rate Order, a similar approach also applies to the DGen rate class except that their R/C ratio increase, and share of the revenue shortfall, is limited to ensure that total bill impact for a typical DGen customer does not exceed 10%.

Details of the 2016 R/C ratio adjustments and resulting revenue requirement allocations across all rate classes are included in columns F to I of Exhibit 3.0.

4.2 Move to All-fixed Rates for Residential Classes

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

The updated *Filing Requirements for Electricity Distribution Rate Applications* issued July 17, 2015 (the "**Filing Requirements**") provide direction on the implementation of the move to all-fixed rates. Section 2.8.13 of the Filing Requirements indicates that distributors are expected to implement the change in equal increments over a four-year period, but in the event that the monthly service charge rises by more than \$4 as a result, distributors shall apply to extend the transition period. The Board also established that, when assessing the combined effects of the move to all-fixed rates and other bill impacts associated with changes in the cost of distribution service, a distributor shall evaluate the total bill impact for a residential customer in the distributor's 10th percentile of consumption for the class, to ensure the impact on those low consuming customers does not exceed 10%.

Hydro One has completed Appendix 2-PA of the Filing Requirements showing the impact of the move to all-fixed rates given the 2016 rates revenue requirement for each residential rate class (see Exhibit 3.5). As Exhibit 3.5 shows, a four year phase-in period results in an increase of more than \$4 to the monthly fixed charge for all Hydro One residential rate classes (UR, R1, R2 and Seasonal). Hydro One's proposed mitigation plan is to extend the phase-in period to 5 years for the UR, R1 and R2 rate classes and to 7 years for the Seasonal class, using the existing 2015 approved monthly fixed charge as the starting point for the phase-in. The proposed phase-in periods will result in total bill impacts of less than 10% for the low volume customers in these rate classes, taking into account all other changes to distribution rates in 2016. This mitigation is discussed further in Section 8.0 of this Draft Rate Order.

The fixed rates for all non-residential rate classes have been set to maintain the same fixed-to-variable split in revenue approved for 2015, as proposed in the Application and approved by the Board's Decision. For the DGen rate class, the variable rate has been maintained at the 2015 level and the 2016 increase in revenue requirement has been absorbed by an increase in the fixed

rate in order to move towards the fixed-to-variable split proposed in the Application and approved by the Board. This approach for the DGen rate class reflects the fact that the fixed rate for the DGen class was reduced in 2015 as a means of mitigating the bill impacts for the class in that year.

4.3 2016 Rates

The changes to cost allocation and rate design described above have resulted in changes to the fixed charges and volumetric rates by rate class. Exhibit 3.0 provides the “base” results for 2016 if there was no phase-in of the move to all-fixed rates, and Exhibit 3.1 provides the proposed 2016 fixed and variable charges including the first year of the phase-in to all-fixed rates for the residential classes. The derivation of sub-transmission (“ST”) rates is provided in Exhibit 3.2.

5.0 Determination of Rate Riders

Hopper Foundry and Transformer Cost Allowance Rate Adders

The Hopper Foundry rate adder for 2016 has been updated to reflect the proposed General Service Demand rates. The lost revenue related to Hopper Foundry is \$102,918 and results in a rate adder of \$0.0121 per kW. This adder will be included in the volumetric rate shown on the 2016 rate schedule for the General Service demand rate class.

The Customer Supplied Transformer Allowance (“CSTA”) rate adder of \$0.0983 per kW does not change from what was proposed in the Application as there were no changes to the load forecast. This adder will be included in the volumetric rates shown on the 2016 rate schedules for the UGd, GSd and DGen rate classes.

Regulatory Assets Rate Rider

The Deferral and Variance account regulatory asset balances provided in Exhibit 1.7 are being recovered via fixed and volumetric rate riders over a three year period as directed by the Board. The amounts for disposition by rate class and calculation of the 2016 Deferral/Variance Account Riders are provided in Exhibit 3.3.

6.0 Retail Transmission Service Rates

The derivation of the 2016 Retail Transmission Service Rates (“RTSR”) reflecting the currently approved Uniform Transmission Rates (“UTRs”) for January 1, 2015, and the approved 2016 load forecast by rate class, is provided in Exhibit 3.4.

7.0 Revenue Reconciliation

A revenue reconciliation showing proposed 2016 rates, approved billing determinants and resulting revenue is provided in Exhibit 4.0.

8.0 Rate Schedules and Bill Impacts

The proposed 2016 Rate Schedules for all rate classes, including the first year of the phase-in to all-fixed rates for the residential classes, are provided in Exhibit 5.0. The rates will be implemented effective January 1, 2016.

Per Section 2.8.13 of the Filing Requirements, the move to all-fixed rates for the UR, R1, R2 and Seasonal rate classes is being phased-in to ensure that total bill impacts will not exceed 10% on low volume customers at the 10th percentile of average monthly consumption for each residential class.

Hydro One has established the 10th percentile values for each of its residential rate classes as follows:

- 1) Used the 2014 billing data of each residential customer for which 12 months of data was available.
- 2) Used the actual meter reads associated with each billing cycle and the number of days in the billing cycle to determine the average daily usage (where a particular bill was based on an estimated meter reading, the subsequent bill's actual meter reading was used to determine the average daily consumption over the combined billing periods)
- 3) The average monthly usage was determined by multiplying the average daily usage by the number of days in each calendar month.
- 4) The calculated average monthly kWhs at the 10th consumption percentile is 355 kWh for UR, 385 kWh for R1, 486 kWh for R2 and 46 kWh for Seasonal.

Hydro One has also considered the 90th percentile values to establish the following rounded high and low consumption values for calculating bill impacts:

<u>Rate Class</u>	<u>Low Volume</u>	<u>Typical</u>	<u>High Volume</u>
UR	350	800	1400
R1	350	800	1800
R2	450	800	2400
Seasonal	50	400	1100

Exhibit 6.0 provides the detailed calculation of monthly bill impacts by rate class for rates effective January 1, 2016, over a range of customer consumption levels. The bill impact calculations include both the first year of the phase-in to all-fixed rates and all other changes to distribution rates and riders in 2016. A summary of the distribution and total bill impacts is provided in Table 2.

Table 2. 2016 Distribution and Total Bill Impacts by Rate Class

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
UR	Low	350		\$1.29	4.73%	\$1.24	1.58%
	Typical	800		(\$0.78)	-2.13%	(\$0.97)	-0.64%
	High	1,400		(\$3.54)	-7.24%	(\$3.90)	-1.56%
R1	Low	350		\$4.14	10.67%	\$4.28	4.72%
	Typical	800		\$1.48	2.76%	\$1.68	0.99%
	High	1,800		(\$4.42)	-5.10%	(\$4.10)	-1.18%
R2	Low	450		\$9.59	17.44%	\$9.90	8.05%
	Typical	800		\$8.33	11.92%	\$8.74	4.61%
	High	2,400		\$2.57	1.86%	\$3.42	0.69%
Seasonal	Low	50		\$3.88	11.53%	\$3.96	9.30%
	Typical	400		\$2.69	4.43%	\$2.83	2.34%
	High	1,100		\$0.31	0.27%	\$0.56	0.20%
GSe	Low	1,000		\$4.21	5.20%	\$4.17	1.83%
	Typical	2,000		\$7.21	5.36%	\$7.11	1.67%
	High	15,000		\$46.21	5.57%	\$49.24	1.51%
UGe	Low	1,000		\$4.42	10.16%	\$4.28	2.30%
	Typical	2,000		\$6.92	10.48%	\$6.60	1.88%
	High	15,000		\$39.42	11.00%	\$39.94	1.48%
GSd	Low	15,000	60	\$117.87	13.67%	\$137.67	4.36%
	Typical	35,000	120	\$226.95	13.77%	\$265.39	3.85%
	High	175,000	500	\$917.75	13.86%	\$1,074.29	3.32%
UGd	Low	15,000	60	\$69.77	13.25%	\$83.11	2.97%
	Typical	35,000	120	\$130.61	13.43%	\$156.15	2.53%
	High	175,000	500	\$515.97	13.59%	\$618.70	2.11%
St Lgt	Low	100		\$1.04	8.34%	\$1.00	3.83%
	Typical	500		\$4.43	9.67%	\$4.23	3.75%
	High	2,000		\$16.73	9.77%	\$15.90	3.43%
Sen Lgt	Low	20		\$0.36	7.76%	\$0.36	4.67%
	Typical	50		\$0.71	9.10%	\$0.69	4.69%
	High	200		\$2.45	10.43%	\$2.38	4.71%
USL	Low	100		(\$0.22)	-0.54%	(\$0.22)	-0.41%
	Typical	500		(\$0.34)	-0.64%	(\$0.35)	-0.29%
	High	1,000		(\$0.49)	-0.72%	(\$0.50)	-0.24%
DGen	Low	300	10	\$44.51	32.22%	\$50.70	24.55%
	Typical	2,000	20	\$44.53	22.48%	\$51.13	10.00%
	High	5,000	100	\$44.69	6.59%	\$54.58	3.56%
ST	Low	200,000	500	\$119.99	6.46%	\$70.27	0.22%
	Typical	500,000	1,000	\$117.39	4.50%	\$2.02	0.00%
	High	4,000,000	10,000	\$70.59	0.44%	(\$1,226.51)	-0.20%

A summary of the distribution and total bill impacts for residential customers before including the 1st year of the phase-in to all-fixed rates is provided for the Board's information in Table 3.

Table 3. 2016 Distribution and Total Bill Impacts
Excluding the Impact of the Move to All-fixed Rates

Rate Class	Consumption Level	Monthly Consumption (kWh)	Change in DX Bill	Change in DX Bill	Change in Total Bill	Change in Total Bill
UR	Low	350	(\$0.64)	-2.35%	(\$0.73)	-0.93%
	Typical	800	(\$0.73)	-2.00%	(\$0.91)	-0.60%
	High	1,400	(\$0.85)	-1.74%	(\$1.17)	-0.47%
R1	Low	350	\$0.30	0.76%	\$0.38	0.42%
	Typical	800	\$0.52	0.97%	\$0.70	0.41%
	High	1,800	\$1.02	1.18%	\$1.43	0.41%
R2	Low	450	\$4.72	8.58%	\$4.95	4.03%
	Typical	800	\$5.70	8.16%	\$6.07	3.20%
	High	2,400	\$10.18	7.38%	\$11.16	2.26%
Seasonal	Low	50	\$1.32	3.92%	\$1.35	3.18%
	Typical	400	\$3.00	4.95%	\$3.14	2.60%
	High	1,100	\$6.36	5.54%	\$6.72	2.42%

9.0 Specific Service Charges

Except as noted below, Hydro One has updated the 2016 Specific Service Charges rate schedule to reflect the charges proposed by Hydro One in its pre-filed evidence and approved by the Board in its March 12th Decision.

On April 17, 2015, in its decision regarding Hydro One's 2015 draft rate order, the Board determined that the Pole Access Charge will remain an interim charge until the challenge to its March 12, 2015 decision to approve an increased Pole Access Charge is resolved. Accordingly, the Pole Access Charge remains at \$22.35 on an interim basis. As directed by the Board in its April 17th decision, Hydro One will track the lost incremental revenue it would have received through the proposed increase so that it may apply to recover that revenue, if applicable, at a future proceeding.

Supporting Material

The detailed information supporting the determination of the approved revenue requirement, rate riders, rates schedules, rate impacts, and the proposed accounting treatment for approved deferral/variance accounts are provided in the attached Exhibits:

Tab 1

- Exhibit 1.0 – Revenue Requirement Summary
- Exhibit 1.1 – OM&A
- Exhibit 1.2 – Rate Base and Depreciation
- Exhibit 1.3 – Capital Expenditure
- Exhibit 1.4 – Capital Structure and Return on Capital
- Exhibit 1.4.1 – Cost of Long Term Debt Capital, 2016
- Exhibit 1.4.2 – Cost of Long Term Debt Capital, 2017
- Exhibit 1.5 – Income Tax
- Exhibit 1.6 – External Revenue
- Exhibit 1.7 – Deferral and Variance Accounts

Tab 2

- Exhibit 2.0 – 2016 CAM Input and Output Sheets

Tab 3

- Exhibit 3.0 – 2016 Rate Design with no Phase-in to All-Fixed Rates
- Exhibit 3.1 – 2016 Rate Design Including 1st Year of Phase-in to All-Fixed Rates
- Exhibit 3.2 – 2016 Sub-Transmission (ST) Rates
- Exhibit 3.3 – 2016 Deferral and Variance Account Disposition Riders
- Exhibit 3.4 – 2016 Retail Transmission Service Rates
- Exhibit 3.5 – Appendix 2-PA of Filing Requirements (Move to All-Fixed Rates)

Tab 4

- Exhibit 4.0 – 2016 Revenue Reconciliation

Tab 5

- Exhibit 5.0 – 2016 Rate Schedules

Tab 6

- Exhibit 6.0 – Bill Impact Detail Calculations

Hydro One Networks Inc.
Implementation of Decision with Reasons in EB-2013-0416

Revenue Requirement Summary

	Supporting Reference	Hydro One Proposed		OEB Decision Impact		OEB Approved		Cost of Capital Update		Revised	
(\$ millions)		2016	2017	2016	2017	2016	2017	2016	2017	2016	2017
OM&A	Note 1	610.2	614.0	(21.1)	(21.0)	589.1	593.0	-	-	589.1	593.0
Depreciation		374.9	390.2	-	-	374.9	390.2	-	-	374.9	390.2
Return on Debt		203.6	218.6	(10.7)	(10.1)	193.0	208.5	(1.5)	(5.6)	191.5	202.9
Return on Equity		273.5	292.3	(7.9)	(6.8)	265.6	285.4	(13.4)	(6.2)	252.2	279.3
Income Tax		60.5	63.0	(2.8)	(2.5)	57.6	60.6	(4.8)	(2.2)	52.8	58.4
Base Revenue Requirement		1,522.7	1,578.0	(42.5)	(40.4)	1,480.3	1,537.6	(19.7)	(13.9)	1,460.5	1,523.7
Deduct: External Revenue		(48.9)	(49.9)	(1.8)	(1.8)	(50.7)	(51.7)	-	-	(50.7)	(51.7)
Rates Revenue Requirement		1,473.8	1,528.1	(44.3)	(42.2)	1,429.6	1,485.9	(19.7)	(13.9)	1,409.8	1,472.0

Note 1: The Cost of Capital is updated to reflect OEB approved parameters issued on October 15, 2015, actual 2015 debt issuances and updated forecast for 2016 & 2017 third-party long-term debt rates.

Hydro One Networks Inc.
Implementation of Decision with Reasons in EB-2013-0416

OM&A

(\$ millions)

OM&A

Supporting Reference	Hydro One Proposed		OEB Decision Impact		OEB Approved	
	2016	2017	2016	2017	2016	2017
<i>See supporting details below</i>	610.2	614.0	(21.1)	(21.0)	589.1	593.0

OEB Decision Impact Supporting Details

Adjustments

OEB Decision Reference

Compensation reduction	Page 24	(7.7)	(7.7)
Vegetation management reduction	Page 26	(13.0)	(13.0)
CDM R&D reduction	Page 29	(1.0)	(1.0)
LEAP funding increase	Page 32	0.6	0.7
		<hr/>	<hr/>
		(21.1)	(21.0)
Leap Calculation			
Revenue requirement as filed		1522.7	1578.0
LEAP funding per C1-2-5		1.2	1.2
Recalc LEAP funding	Page 32	1.8	1.9
Difference		<hr/>	<hr/>
		0.6	0.7

Hydro One Networks Inc.
Implementation of Decision with Reasons in EB-2013-0416

Rate Base and Depreciation

Supporting Reference	Hydro One Proposed		OEB Decision Impact		OEB Approved	
	2016	2017	2016	2017	2016	2017
(\$ millions)						
Rate Base	6,864.4	7,191.5	(1.6)	(1.6)	6,862.9	7,189.9
Depreciation	374.9	390.2	-	-	374.9	390.2

OEB Decision Impact Supporting Details

Reference

Pre-filed Evidence Exh
D1-1-1

Working Capital Adjustment

Rate Base Details

Utility plant (average)		
Gross plant at cost	10,650.8	11,239.1
Less: Accumulated depreciation	(4,046.6)	(4,311.7)
Add: CWIP	-	-
Net utility plant	6,604.1	6,927.4

Working capital

Cash working capital	(a)	253.7	257.3
Materials & supplies inventory		6.6	6.8
Total working capital		260.3	264.0
Total Rate Base		6,864.4	7,191.5

OM&A	(b)	610.2	614.0
Cost of Power	Per D1-1-3 Att 1 (c)	2,831.3	2,853.9
Cash working capital as % of OM&A + COP	(d) = a / (b + c)	7.4%	7.4%
OM&A Reduction per Settlement Agreement	Exhibit 1.1 (e)	(21.1)	(21.0)
Working capital reduction	(f) = (d) x (e)	(1.6)	(1.6)

(1.6) (1.6)

Hydro One Networks Inc.
Implementation of Decision with Reasons in EB-2013-0416

Capital Expenditures

(\$ millions)

Capital expenditures

Supporting Reference	Hydro One Proposed		OEB Decision Impact		OEB Approved	
	2016	2017	2016	2017	2016	2017
<i>See supporting details below</i>	654.7	661.4	-	-	654.7	661.4

Hydro One Networks Inc.
Implementation of Decision with Reasons in EB-2013-0416

Capital Structure and Return on Capital

(\$ millions)											
	Supporting Reference	Hydro One Proposed		OEB Decision Impact		OEB Approved		Cost of Capital Update		Revised	
		2016	2017	2016	2017	2016	2017	2016	2017	2016	2017
<u>Return on Rate Base</u>								Note 2		Note 2	Note 2
Rate Base	Exhibit 1.2	\$ 6,864.4	\$ 7,191.5	\$ (1.6)	\$ (1.6)	\$ 6,862.9	\$ 7,189.9	\$ -	\$ -	\$ 6,862.9	\$ 7,189.9
Capital Structure:											
Third-Party long-term debt		50.1%	52.4%	(4.3%)	(4.1%)	45.8%	48.3%	0.0%	0.0%	45.8%	48.3%
Deemed long-term debt		5.9%	3.6%	4.3%	4.1%	10.2%	7.7%	0.0%	0.0%	10.2%	7.7%
Short-term debt		4.0%	4.0%	0.0%	0.0%	4.0%	4.0%	0.0%	0.0%	4.0%	4.0%
Common equity		40.0%	40.0%	0.0%	0.0%	40.0%	40.0%	0.0%	0.0%	40.0%	40.0%
Capital Structure:											
Third-Party long-term debt	Exhibit 1.4.1 and 1.4.2	\$ 3,437.5	\$ 3,766.4	(293.4)	(293.4)	\$ 3,144.1	\$ 3,473.0	\$ -	\$ -	\$ 3,144.1	\$ 3,473.0
Deemed long-term debt		\$ 406.6	\$ 260.8	292.6	292.6	\$ 699.1	\$ 553.4	\$ -	\$ -	\$ 699.1	\$ 553.4
Short-term debt		274.6	287.7	(0.1)	(0.1)	274.5	287.6	287.6	287.6	287.6	287.6
Common equity		2,745.8	2,876.6	(0.6)	(0.6)	2,745.1	2,876.0	-	-	2,745.1	2,876.0
		\$ 6,864.4	\$ 7,191.5	(1.6)	(1.6)	\$ 6,862.9	\$ 7,189.9	\$ -	\$ -	\$ 6,862.9	\$ 7,189.9
Allowed Return:											
Third-Party long-term debt	Exhibit 1.4.1 through 1.4.3	4.98%	5.04%	(0.10%)	(0.15%)	4.88%	4.89%	(0.02%)	(0.14%)	4.86%	4.76%
Deemed long-term debt	Exhibit 1.4.1 through 1.4.4	4.98%	5.04%	(0.10%)	(0.15%)	4.88%	4.89%	(0.02%)	(0.14%)	4.86%	4.76%
Short-term debt	Note 1	4.45%	5.43%	(2.49%)	(1.46%)	1.96%	3.97%	(0.31%)	0.02%	1.65%	3.99%
Common equity	Note 1	9.96%	10.16%	(0.28%)	(0.23%)	9.68%	9.93%	(0.49%)	(0.21%)	9.19%	9.71%
Return on Capital:											
Third-Party long-term debt		\$ 171.2	\$ 189.8	(17.7)	(19.8)	\$ 153.5	\$ 170.0	\$ (0.5)	\$ (4.8)	\$ 153.0	\$ 165.1
Deemed long-term debt		\$ 20.2	\$ 13.1	13.9	13.9	\$ 34.1	\$ 27.1	\$ (0.1)	\$ (0.8)	\$ 34.0	\$ 26.3
Short-term debt		\$ 12.2	\$ 15.6	(6.8)	(4.2)	\$ 5.4	\$ 11.4	\$ (0.8)	\$ 0.0	\$ 4.5	\$ 11.5
Total return on debt		\$ 203.6	\$ 218.6	(10.7)	(10.1)	\$ 193.0	\$ 208.5	\$ (1.5)	\$ (5.6)	\$ 191.5	\$ 202.9
Common equity		\$ 273.5	\$ 292.3	(7.9)	(6.8)	\$ 265.6	\$ 285.4	\$ (13.4)	\$ (6.2)	\$ 252.2	\$ 279.3

Note 1: The approved rates follow the OEB's October 15, 2015 guidance on cost of capital parameters to reflect the September 2015 Consensus Forecast.

Note 2: The Cost of Capital is updated to reflect OEB approved parameters issued on October 15, 2015, actual 2015 debt issuances and updated forecast 2016 & 2017 third-party long-term debt rates.

HYDRO ONE NETWORKS INC.
DISTRIBUTION
Cost of Long-Term Debt Capital
Test Year (2016)
Year ending December 31

Line No.	Offering Date	Coupon Rate	Maturity Date	Principal Amount Offered (\$Millions)	Premium Discount and Expenses (\$Millions)	Net Capital Employed		Effective Cost Rate	Total Amount Outstanding		Avg. Monthly Averages (\$Millions)	Carrying Cost (\$Millions)	Projected Average Embedded Cost Rates
						Total Amount (\$Millions)	Per \$100 Principal Amount (Dollars)		at 12/31/15 (\$Millions)	at 12/31/16 (\$Millions)			
1	3-Jun-00	7.350%	3-Jun-30	121.6	2.0	119.6	98.37	7.49%	121.6	121.6	121.6	9.1	
2	22-Jun-01	6.930%	1-Jun-32	47.7	0.6	47.1	98.78	7.03%	47.7	47.7	47.7	3.4	
3	17-Sep-02	6.930%	1-Jun-32	142.0	(5.1)	147.1	103.57	6.65%	142.0	142.0	142.0	9.4	
4	31-Jan-03	6.350%	31-Jan-34	74.0	0.6	73.4	99.21	6.41%	74.0	74.0	74.0	4.7	
5	22-Apr-03	6.590%	22-Apr-43	105.0	0.8	104.2	99.26	6.64%	105.0	105.0	105.0	7.0	
6	25-Jun-04	6.350%	31-Jan-34	48.0	(0.1)	48.1	100.22	6.33%	48.0	48.0	48.0	3.0	
7	20-Aug-04	6.590%	22-Apr-43	26.0	(2.1)	28.1	107.89	6.06%	26.0	26.0	26.0	1.6	
8	24-Aug-04	6.350%	31-Jan-34	26.0	(0.9)	26.9	103.48	6.09%	26.0	26.0	26.0	1.6	
9	19-May-05	5.360%	20-May-36	98.1	3.7	94.4	96.19	5.62%	98.1	98.1	98.1	5.5	
10	3-Mar-06	4.640%	3-Mar-16	90.0	0.4	89.6	99.52	4.70%	90.0	0.0	20.8	1.0	
11	24-Apr-06	5.360%	20-May-36	62.5	0.8	61.7	98.68	5.45%	62.5	62.5	62.5	3.4	
12	22-Aug-06	4.640%	3-Mar-16	90.0	1.1	88.9	98.75	4.80%	90.0	0.0	20.8	1.0	
13	19-Oct-06	5.000%	19-Oct-46	45.0	0.3	44.7	99.29	5.04%	45.0	45.0	45.0	2.3	
14	13-Mar-07	4.890%	13-Mar-37	160.0	0.9	159.1	99.45	4.93%	160.0	160.0	160.0	7.9	
15	18-Oct-07	5.180%	18-Oct-17	75.0	0.3	74.7	99.63	5.23%	75.0	75.0	75.0	3.9	
16	3-Mar-08	5.180%	18-Oct-17	120.0	(2.1)	122.1	101.73	4.95%	120.0	120.0	120.0	5.9	
17	3-Mar-09	6.030%	3-Mar-39	105.0	0.6	104.4	99.41	6.07%	105.0	105.0	105.0	6.4	
18	16-Jul-09	5.490%	16-Jul-40	90.0	0.6	89.4	99.36	5.53%	90.0	90.0	90.0	5.0	
19	15-Mar-10	5.490%	24-Jul-40	80.0	(0.5)	80.5	100.58	5.45%	80.0	80.0	80.0	4.4	
20	15-Mar-10	4.400%	4-Jun-20	120.0	0.5	119.5	99.55	4.46%	120.0	120.0	120.0	5.3	
21	13-Sep-10	5.000%	19-Oct-46	100.0	(0.2)	100.2	100.25	4.98%	100.0	100.0	100.0	5.0	
22	26-Sep-11	4.390%	26-Sep-41	75.0	0.5	74.5	99.35	4.43%	75.0	75.0	75.0	3.3	
23	22-Dec-11	4.000%	22-Dec-51	30.0	0.2	29.8	99.47	4.03%	30.0	30.0	30.0	1.2	
24	13-Jan-12	3.200%	13-Jan-22	126.0	0.7	125.3	99.47	3.26%	126.0	126.0	126.0	4.1	
25	22-May-12	3.200%	13-Jan-22	135.0	(1.3)	136.3	100.97	3.08%	135.0	135.0	135.0	4.2	
26	22-May-12	4.000%	22-Dec-51	56.3	0.3	56.0	99.51	4.02%	56.3	56.3	56.3	2.3	
27	31-Jul-12	3.790%	31-Jul-62	22.5	0.1	22.4	99.47	3.81%	22.5	22.5	22.5	0.9	
28	16-Aug-12	3.790%	31-Jul-62	94.0	0.8	93.2	99.20	3.83%	94.0	94.0	94.0	3.6	
29	9-Oct-13	4.590%	9-Oct-43	195.8	1.1	194.6	99.42	4.63%	195.8	195.8	195.8	9.1	
30	9-Oct-13	2.780%	9-Oct-18	337.5	1.4	336.1	99.59	2.87%	337.5	337.5	337.5	9.7	
31	29-Jan-14	4.290%	29-Jan-64	20.0	0.1	19.9	99.44	4.32%	20.0	20.0	20.0	0.9	
32	6-Jun-14	4.170%	6-Jun-44	132.0	0.8	131.2	99.40	4.21%	132.0	132.0	132.0	5.6	
33	15-Mar-15	4.771%	15-Mar-45	0.0	0.0	0.0	100.00	4.77%	0.0	0.0	0.0	0.0	Note 1
34	15-Jun-15	3.905%	15-Jun-25	0.0	0.0	0.0	100.00	3.91%	0.0	0.0	0.0	0.0	Note 1
35	15-Sep-15	3.046%	15-Sep-20	0.0	0.0	0.0	100.00	3.05%	0.0	0.0	0.0	0.0	Note 1
36	15-Mar-16	4.437%	15-Mar-46	144.0	0.7	143.3	99.50	4.47%	0.0	144.0	110.8	4.9	Note 2
37	15-Jun-16	3.276%	15-Jun-26	144.0	0.7	143.3	99.50	3.34%	0.0	144.0	77.5	2.6	Note 2
38	15-Sep-16	2.272%	15-Sep-21	144.0	0.7	143.3	99.50	2.38%	0.0	144.0	44.3	1.1	Note 2
39	Subtotal								3049.9	3301.9	3144.1	150.0	
40	Treasury OM&A costs											1.0	
41	Other financing-related fees											1.9	
42	Total								3049.9	3301.9	3144.1	153.0	4.86%

Note 1: Updated to reflect actual 2015 debt issuance

Note 2: Updated to reflect the forecast coupon rates for 2016 as per the September 2015 Consensus Forecast

HYDRO ONE NETWORKS INC.
DISTRIBUTION
Cost of Long-Term Debt Capital
Test Year (2017)
Year ending December 31

Line No.	Offering Date	Coupon Rate	Maturity Date	Principal Amount Offered (\$Millions)	Premium Discount and Expenses (\$Millions)	Net Capital Employed		Effective Cost Rate	Total Amount Outstanding		Avg. Monthly Averages (\$Millions)	Carrying Cost (\$Millions)	Projected Average Embedded Cost Rates
						Total Amount (\$Millions)	Per \$100 Principal Amount (Dollars)		at 12/31/16 (\$Millions)	at 12/31/17 (\$Millions)			
1	3-Jun-00	7.350%	3-Jun-30	121.6	2.0	119.6	98.37	7.49%	121.6	121.6	121.6	9.1	
2	22-Jun-01	6.930%	1-Jun-32	47.7	0.6	47.1	98.78	7.03%	47.7	47.7	47.7	3.4	
3	17-Sep-02	6.930%	1-Jun-32	142.0	(5.1)	147.1	103.57	6.65%	142.0	142.0	142.0	9.4	
4	31-Jan-03	6.350%	31-Jan-34	74.0	0.6	73.4	99.21	6.41%	74.0	74.0	74.0	4.7	
5	22-Apr-03	6.590%	22-Apr-43	105.0	0.8	104.2	99.26	6.64%	105.0	105.0	105.0	7.0	
6	25-Jun-04	6.350%	31-Jan-34	48.0	(0.1)	48.1	100.22	6.33%	48.0	48.0	48.0	3.0	
7	20-Aug-04	6.590%	22-Apr-43	26.0	(2.1)	28.1	107.89	6.06%	26.0	26.0	26.0	1.6	
8	24-Aug-04	6.350%	31-Jan-34	26.0	(0.9)	26.9	103.48	6.09%	26.0	26.0	26.0	1.6	
9	19-May-05	5.360%	20-May-36	98.1	3.7	94.4	96.19	5.62%	98.1	98.1	98.1	5.5	
10	24-Apr-06	5.360%	20-May-36	62.5	0.8	61.7	98.68	5.45%	62.5	62.5	62.5	3.4	
11	19-Oct-06	5.000%	19-Oct-46	45.0	0.3	44.7	99.29	5.04%	45.0	45.0	45.0	2.3	
12	13-Mar-07	4.890%	13-Mar-37	160.0	0.9	159.1	99.45	4.93%	160.0	160.0	160.0	7.9	
13	18-Oct-07	5.180%	18-Oct-17	75.0	0.3	74.7	99.63	5.23%	75.0	0.0	57.7	3.0	
14	3-Mar-08	5.180%	18-Oct-17	120.0	(2.1)	122.1	101.73	4.95%	120.0	0.0	92.3	4.6	
15	3-Mar-09	6.030%	3-Mar-39	105.0	0.6	104.4	99.41	6.07%	105.0	105.0	105.0	6.4	
16	16-Jul-09	5.490%	16-Jul-40	90.0	0.6	89.4	99.36	5.53%	90.0	90.0	90.0	5.0	
17	15-Mar-10	5.490%	24-Jul-40	80.0	(0.5)	80.5	100.58	5.45%	80.0	80.0	80.0	4.4	
18	15-Mar-10	4.400%	4-Jun-20	120.0	0.5	119.5	99.55	4.46%	120.0	120.0	120.0	5.3	
19	13-Sep-10	5.000%	19-Oct-46	100.0	(0.2)	100.2	100.25	4.98%	100.0	100.0	100.0	5.0	
20	26-Sep-11	4.390%	26-Sep-41	75.0	0.5	74.5	99.35	4.43%	75.0	75.0	75.0	3.3	
21	22-Dec-11	4.000%	22-Dec-51	30.0	0.2	29.8	99.47	4.03%	30.0	30.0	30.0	1.2	
22	13-Jan-12	3.200%	13-Jan-22	126.0	0.7	125.3	99.47	3.26%	126.0	126.0	126.0	4.1	
23	22-May-12	3.200%	13-Jan-22	135.0	(1.3)	136.3	100.97	3.08%	135.0	135.0	135.0	4.2	
24	22-May-12	4.000%	22-Dec-51	56.3	0.3	56.0	99.51	4.02%	56.3	56.3	56.3	2.3	
25	31-Jul-12	3.790%	31-Jul-62	22.5	0.1	22.4	99.47	3.81%	22.5	22.5	22.5	0.9	
26	16-Aug-12	3.790%	31-Jul-62	94.0	0.8	93.2	99.20	3.83%	94.0	94.0	94.0	3.6	
27	9-Oct-13	4.590%	9-Oct-43	195.8	1.1	194.6	99.42	4.63%	195.8	195.8	195.8	9.1	
28	9-Oct-13	2.780%	9-Oct-18	337.5	1.4	336.1	99.59	2.87%	337.5	337.5	337.5	9.7	
29	29-Jan-14	4.290%	29-Jan-64	20.0	0.1	19.9	99.44	4.32%	20.0	20.0	20.0	0.9	
30	6-Jun-14	4.170%	6-Jun-44	132.0	0.8	131.2	99.40	4.21%	132.0	132.0	132.0	5.6	
31	15-Mar-15	4.771%	15-Mar-45	0.0	0.0	0.0	100.00	4.77%	0.0	0.0	0.0	0.0	Note 1
32	15-Jun-15	3.905%	15-Jun-25	0.0	0.0	0.0	100.00	3.91%	0.0	0.0	0.0	0.0	Note 1
33	15-Sep-15	3.046%	15-Sep-20	0.0	0.0	0.0	100.00	3.05%	0.0	0.0	0.0	0.0	Note 1
34	15-Mar-16	4.437%	15-Mar-46	144.0	0.7	143.3	99.50	4.47%	144.0	144.0	144.0	6.4	Note 2
35	15-Jun-16	3.276%	15-Jun-26	144.0	0.7	143.3	99.50	3.34%	144.0	144.0	144.0	4.8	Note 2
36	15-Sep-16	2.272%	15-Sep-21	144.0	0.7	143.3	99.50	2.38%	144.0	144.0	144.0	3.4	Note 2
37	15-Mar-17	5.487%	15-Mar-47	133.8	0.7	133.1	99.50	5.52%	0.0	133.8	102.9	5.7	Note 3
38	15-Jun-17	4.326%	15-Jun-27	133.8	0.7	133.1	99.50	4.39%	0.0	133.8	72.0	3.2	Note 3
39	15-Sep-17	3.322%	15-Sep-22	133.8	0.7	133.1	99.50	3.43%	0.0	133.8	41.2	1.4	Note 3
40	Subtotal								3301.9	3508.2	3473.0	162.1	
41	Treasury OM&A costs											1.0	
42	Other financing-related fees											2.0	
43	Total								3301.9	3508.2	3473.0	165.1	4.76%

Note 1: Updated to reflect actual 2015 debt issuance

Note 2: Updated to reflect the forecast coupon rates for 2016 as per the September 2015 Consensus Forecast

Note 3: Updated to reflect the forecast coupon rates for 2017 as per September 2015 spreads and the October 2015 Consensus Forecast (long term)

Hydro One Networks Inc.
Implementation of Decision with Reasons in EB-2013-0416

Income Tax

(\$ millions)	Supporting Reference	Hydro One Proposed		OEB Decision Impact		OEB Approved		Cost of Capital Update		Revised	
		2016	2017	2016	2017	2016	2017	2016	2017	2016	2017
Income Taxes	See supporting details below	60.5	63.0	(2.8)	(2.5)	57.6	60.6	(4.8)	(2.2)	52.8	58.4

Income Tax Supporting Details

Rate Base	Exhibit 1.2	(a) \$	6,864.4 \$	7,191.5 \$	(1.6) \$	(1.6) \$	6,862.9 \$	7,189.9 \$	- \$	- \$	6,862.9 \$	7,189.9
Common Equity Capital Structure	Exhibit 1.4	(b)	40.0%	40.0%			40.0%	40.0%	0.0%	0.0%	40.0%	40.0%
Return on Equity		(c)	9.96%	10.16%			9.68%	9.93%	-0.49%	-0.21%	9.19%	9.71%
Return on Equity		(d) = a x b x c	273.5	292.3	(7.9)	(6.8)	265.6	285.4	(13.4)	(6.2)	252.2	279.3
Regulatory Income Tax		(e) = l	60.5	63.0	(2.8)	(2.5)	57.6	60.6	(4.8)	(2.2)	52.8	58.4
Regulatory Net Income (before tax)		(f) = d + e	333.9	355.3	(10.7)	(9.3)	323.2	346.0	(18.3)	(8.4)	305.0	337.6
Timing Differences (Note 1)		(g)	(100.1)	(111.8)	-	-	(100.1)	(111.8)	-	-	(100.1)	(111.8)
Taxable Income		(h) = f + g	233.8	243.5	(10.7)	(9.3)	223.1	234.2	(18.3)	(8.4)	204.9	225.9
Tax Rate		(i)	26.5%	26.5%			26.5%	26.5%	0.0%	0.0%	26.5%	26.5%
Income Tax		(j) = h x i	62.0	64.5	(2.8)	(2.5)	59.1	62.1	(4.8)	(2.2)	54.3	59.9
less: Income Tax Credits		(k)	(1.5)	(1.5)	-	-	(1.5)	(1.5)	-	-	(1.5)	(1.5)
Regulatory Income Tax		(l) = j + k	60.5	63.0	(2.8)	(2.5)	57.6	60.6	(4.8)	(2.2)	52.8	58.4

	Hydro One Proposed 2016	Hydro One Proposed 2017	OEB Decision Impact 2016	OEB Decision Impact 2017	OEB Approved 2016	OEB Approved 2017	Cost of Capital Update 2016	Cost of Capital Update 2017	Revised OEB Approved 2016	Revised OEB Approved 2017
Note 1. Book to Tax Timing Differences										
Depreciation	374.9	390.2	-	-	374.9	390.2	-	-	374.9	390.2
CCA	(385.4)	(407.2)	-	-	(385.4)	(407.2)	-	-	(385.4)	(407.2)
Other Timing Differences	(89.6)	(94.7)	-	-	(89.6)	(94.7)	-	-	(89.6)	(94.7)
Total Timing Differences	(100.1)	(111.8)	-	-	(100.1)	(111.8)	-	-	(100.1)	(111.8)

Hydro One Networks Inc.
Implementation of Decision with Reasons in EB-2013-0416

External Revenue

(\$ millions)

External Revenue

Supporting Reference	Hydro One Proposed		OEB Decision Impact		OEB Approved	
	2016	2017	2016	2017	2016	2017
<i>Per IR 1 2.06-2-21</i>	(48.9)	(49.9)	(1.8)	(1.8)	(50.7)	(51.7)

Hydro One Networks Inc.
Implementation of Decision with Reasons in EB-2013-0416

Deferral and Variance Accounts

(\$ millions)

Deferral and Variance Accounts Disposition

Supporting Reference	OEB Approved		
	Total	2016	2017
<i>See supporting details below</i>	22.1	11.1	11.1

Deferral and Variance Accounts Details
F1-1-3

Retail Service Variance Account	(24.1)	(12.0)	(12.0)
Rider 9 – Disposition and Recovery of Regulatory Balances (OEB Approved)	(0.5)	(0.2)	(0.2)
Special Purpose Charge Variance Account	0.1	0.1	0.1
Retail Cost Variance Account	0.7	0.4	0.4
Deferred Pension Variance Account	40.1	20.0	20.0
Microfit Connection Charge Variance Account	(1.1)	(0.5)	(0.5)
Tax Changes Deferral Account (inc HST)	(11.9)	(5.9)	(5.9)
Smart Meter Variance Account	10.7	5.3	5.3
Distribution Generation – Other Costs – HONI - Variance Account	(0.8)	(0.4)	(0.4)
Distribution Generation - Express Feeders – HONI - Variance Account	(0.2)	(0.1)	(0.1)
Smart Grid Variance Account	(0.7)	(0.4)	(0.4)
OEB Incremental Assessment Costs	6.2	3.1	3.1
Distribution System Code (DSC) Exemption Deferral Account	4.5	2.2	2.2
Deferred Revenue Project Costs Account	(1.2)	(0.6)	(0.6)
Generator Joint Use Revenue Deferral Account	(0.2)	(0.1)	(0.1)
Smart Meter Entity Charge Variance Account	0.5	0.2	0.2
Total	22.1	11.1	11.1



2016 Cost Allocation Model

EB-2013-0416

Sheet 01 Revenue to Cost Summary Worksheet -

Instructions:
Please see the first tab in this workbook for detailed instructions

Class Revenue, Cost Analysis, and Return on Rate Base

Rate Base	Total	1	2	3	4	5	6	7	8	9	10	11	12	13
Assets	UR	R1	R2	Seasonal	GSe	Gsd	UGe	UGd	St Lgt	Sen Lgt	USL	Dgen	ST	
crev	Distribution Revenue at Existing Rates	\$1,332,255,381	\$90,379,910	\$303,757,003	\$464,810,085	\$104,146,571	\$147,038,925	\$116,555,454	\$18,170,642	\$24,778,174	\$10,559,642	\$3,271,539	\$2,520,392	\$43,356,223
mi	Miscellaneous Revenue (mi)	\$50,649,340	\$4,557,206	\$12,746,987	\$16,379,756	\$3,301,773	\$4,714,848	\$2,610,124	\$670,747	\$432,004	\$318,160	\$3,671,495	\$104,653	\$1,013,702
	Miscellaneous Revenue Input equals Output													
	Total Revenue at Existing Rates	\$1,382,904,721	\$94,937,116	\$316,503,990	\$480,989,841	\$107,448,344	\$151,753,773	\$119,165,576	\$18,841,389	\$25,210,179	\$10,877,802	\$6,782,318	\$3,376,192	\$2,648,276
	Factor required to recover deficiency (1 + D)	1.0592												
	Distribution Revenue at Status Quo Rates	\$1,409,856,762	\$95,644,370	\$321,450,280	\$491,672,752	\$110,212,913	\$155,003,687	\$123,344,590	\$19,229,048	\$26,221,457	\$11,174,722	\$3,292,009	\$3,462,100	\$2,687,200
	Miscellaneous Revenue (mi)	\$50,649,340	\$4,557,206	\$12,746,987	\$16,379,756	\$3,301,773	\$4,714,848	\$2,610,124	\$670,747	\$432,004	\$318,160	\$3,671,495	\$104,653	\$1,013,702
	Total Revenue at Status Quo Rates	\$1,460,506,103	\$100,201,577	\$334,197,267	\$508,052,509	\$113,514,686	\$160,318,515	\$125,954,715	\$19,899,795	\$26,653,461	\$11,492,882	\$6,963,516	\$3,566,753	\$2,795,084
	Expenses													
di	Distribution Costs (di)	\$329,744,254	\$13,839,310	\$61,242,932	\$138,516,854	\$26,560,245	\$34,425,454	\$28,141,273	\$3,950,219	\$5,669,321	\$3,573,257	\$1,771,452	\$707,527	\$110,634
cu	Customer Related Costs (cu)	\$111,284,765	\$15,455,206	\$33,656,637	\$28,946,123	\$8,024,483	\$12,455,600	\$3,687,717	\$2,361,099	\$864,181	\$732,063	\$458,520	\$494,299	\$793,297
ad	General and Administration (ad)	\$157,084,554	\$9,810,076	\$28,833,772	\$51,455,698	\$10,581,711	\$14,483,344	\$10,544,231	\$1,981,759	\$2,204,746	\$1,311,756	\$678,076	\$359,804	\$904,649
dep	Depreciation and Amortization (dep)	\$374,931,648	\$18,966,679	\$68,881,551	\$130,933,750	\$27,627,182	\$41,771,582	\$43,257,382	\$6,279,480	\$9,173,195	\$2,982,020	\$1,716,727	\$542,589	\$509,456
inp	PLS (INPUT)	\$52,795,999	\$2,402,104	\$9,456,215	\$20,307,943	\$3,894,192	\$5,628,104	\$812,584	\$1,268,143	\$453,109	\$212,701	\$96,677	\$41,243	\$1,892,873
INT	Interest	\$19,510,641	\$9,714,970	\$34,307,692	\$73,678,384	\$14,128,353	\$21,144,688	\$22,230,324	\$2,964,536	\$4,654,524	\$1,643,905	\$771,692	\$314,471	\$1,091,631
	Total Expenses	\$1,197,321,951	\$68,196,346	\$236,378,739	\$452,638,751	\$90,816,165	\$130,108,682	\$113,975,528	\$18,334,206	\$23,785,110	\$10,696,110	\$5,607,167	\$2,505,467	\$2,509,109
	Direct Allocation	\$10,985,167	\$0	\$0	\$0	\$0	\$352,342	\$2,318,123	\$88,287	\$694,449	\$0	\$1,078,976	\$0	\$3,845,332
	Allocated Net Income (NI)	\$252,168,975	\$11,475,316	\$45,174,177	\$97,014,988	\$18,603,312	\$27,841,987	\$29,258,316	\$3,903,512	\$6,062,943	\$2,164,589	\$1,016,114	\$414,075	\$197,024
	Revenue Requirement (includes NI)	\$1,460,506,103	\$79,671,662	\$281,552,975	\$549,853,739	\$109,419,477	\$158,903,011	\$145,551,987	\$22,326,005	\$30,542,502	\$12,860,698	\$7,702,257	\$2,919,542	\$6,551,465
	Revenue Requirement Input equals Output													
	Rate Base Calculation													
	Net Assets													
dp	Distribution Plant - Gross	\$10,091,719,162	\$469,733,973	\$1,836,480,181	\$3,807,807,812	\$757,695,910	\$1,088,292,077	\$1,132,749,531	\$151,680,360	\$234,783,604	\$85,198,662	\$30,825,747	\$16,237,845	\$8,603,468
sp	General Plant - Gross	\$972,636,263	\$43,670,303	\$172,375,179	\$369,951,438	\$71,629,510	\$104,508,212	\$110,746,236	\$14,561,647	\$22,952,534	\$8,212,424	\$17,850,494	\$1,581,349	\$809,245
accum	Accumulated Depreciation	(\$3,865,882,306)	(\$18,633,728)	(\$715,870,713)	(\$1,502,756,881)	(\$262,033,120)	(\$408,885,141)	(\$412,789,256)	(\$57,015,223)	(\$85,569,388)	(\$31,809,768)	(\$21,042,819)	(\$5,957,513)	(\$3,342,574)
co	Capital Contribution	(\$748,838,961)	(\$34,372,108)	(\$138,462,712)	(\$295,889,101)	(\$81,589,957)	(\$73,187,572)	(\$63,412,930)	(\$9,421,450)	(\$17,310,087)	(\$6,306,487)	(\$3,601,263)	(\$1,279,448)	(\$22,977,692)
	Total Net Plant	\$6,448,633,259	\$293,198,441	\$1,154,421,934	\$2,479,103,268	\$475,892,842	\$710,727,776	\$747,293,536	\$99,605,294	\$154,856,653	\$55,294,831	\$33,032,361	\$10,582,237	\$5,060,536
	Directly Allocated Net Fixed Assets	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Cost of Power (COP)	\$2,831,313,402	\$237,652,275	\$592,902,983	\$566,330,716	\$78,820,828	\$260,079,212	\$287,383,710	\$71,789,132	\$126,973,454	\$14,728,760	\$2,598,193	\$2,805,344	\$2,709,695
	OM&A Expenses	\$578,123,673	\$36,112,593	\$123,733,341	\$218,918,674	\$45,166,439	\$61,964,208	\$42,373,221	\$9,273,076	\$8,738,247	\$5,617,076	\$2,906,048	\$1,561,730	\$1,608,780
	Directly Allocated Expenses	\$10,985,167	\$0	\$0	\$0	\$0	\$352,342	\$2,318,123	\$88,287	\$694,449	\$0	\$1,078,976	\$0	\$3,845,332
	Subtotal	\$3,420,422,242	\$275,764,868	\$716,636,304	\$785,249,390	\$123,987,266	\$321,795,852	\$332,075,055	\$80,150,495	\$136,406,151	\$20,345,836	\$6,584,216	\$4,467,074	\$8,363,807
	Working Capital	\$258,701,927	\$20,857,338	\$54,202,429	\$59,391,945	\$9,377,715	\$24,338,868	\$25,116,331	\$6,062,143	\$10,317,011	\$1,538,847	\$497,994	\$337,865	\$632,592
	Total Rate Base	\$6,708,335,164	\$314,055,779	\$1,208,624,363	\$2,538,495,213	\$485,070,357	\$735,066,645	\$772,409,867	\$105,667,437	\$165,173,664	\$56,833,678	\$33,530,354	\$10,920,102	\$5,693,129
	Equity Component of Rate Base	\$2,683,334,066	\$125,622,312	\$483,449,745	\$1,015,398,085	\$194,028,143	\$294,026,658	\$308,963,947	\$42,266,975	\$66,069,466	\$22,733,471	\$13,412,142	\$4,368,041	\$2,277,252
	Net Income on Allocated Assets	\$252,168,975	\$32,005,231	\$97,818,469	\$55,213,758	\$32,698,521	\$29,857,491	\$9,661,064	\$1,477,302	\$2,173,902	\$796,772	\$277,373	\$1,061,286	(\$3,559,357)
	Net Income on Direct Allocation Assets	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Net Income	\$252,168,975	\$32,005,231	\$97,818,469	\$55,213,758	\$32,698,521	\$29,857,491	\$9,661,064	\$1,477,302	\$2,173,902	\$796,772	\$277,373	\$1,061,286	(\$3,559,357)
	RATIOS ANALYSIS													
	REVENUE TO EXPENSES STATUS QUO%	100.00%	1.26	1.19	0.92	1.04	1.01	0.87	0.89	0.87	0.89	0.90	1.22	0.43
	EXISTING REVENUE MINUS ALLOCATED COSTS	(\$77,601,381)	\$15,265,454	\$34,951,015	(\$68,863,898)	(\$1,971,134)	(\$6,549,238)	(\$26,386,389)	(\$3,484,616)	(\$5,332,324)	(\$1,882,896)	(\$919,941)	\$456,650	(\$3,903,189)
	STATUS QUO REVENUE MINUS ALLOCATED COSTS	\$0	\$20,529,915	\$52,644,292	(\$41,801,230)	\$4,095,209	\$2,015,503	(\$19,597,252)	(\$2,426,210)	(\$3,889,041)	(\$1,367,817)	(\$738,242)	\$647,211	(\$3,756,381)
	RETURN ON EQUITY COMPONENT OF RATE BASE	9.40%	25.48%	20.23%	5.44%	11.70%	10.15%	3.13%	3.50%	3.29%	3.50%	24.30%	-156.30%	2.43%
	Total Gross Plant including USAs 1600s, 1700s and 2040	\$11,399,684,419												
	Total Accumulated Depreciation including USAs 1600s, 1700s and 2040	(\$4,046,608,211)												
	Total Capital Contributions	(\$748,838,961)												
	Total Net Plant	\$6,604,149,251												
	Working Capital	\$258,701,927												
	Total Rate Base	\$6,862,851,178												
	Rate Base from IS TB Data Sheet	\$6,862,851,178												
	Rate Base Input Equals Output													

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Sheet 16.1 Revenue Worksheet -

Total kWhs from Load Forecast	35,674,072,033
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Total kWhs from Load Forecast	42,495,980
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Deficiency/sufficiency (RRWF 8. cell F51)	77,601,381
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Miscellaneous Revenue (RRWF 5. cell F48)	50,649,340
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			1	2	3	4	5	6	7	8	9	10	11	12	13
	ID	Total	UR	R1	R2	Seasonal	GSe	GSd	UGe	UGd	St Lgt	Sen Lgt	USL	Dgen	ST
Billing Data															
Forecast kWh	CEN	35,674,072,033	2,016,183,097	5,030,042,034	4,804,609,666	668,696,400	2,206,447,679	2,438,092,291	609,041,231	1,077,211,367	124,955,158	22,050,910	24,648,223	22,988,381	16,629,105,596
Forecast kW	CDEM	42,495,980	-	-	-	-	-	8,493,971	-	3,045,878	-	-	-	232,370	30,723,761
Forecast kW, included in CDEM, of customers receiving line transformer allowance		1,929,209	-	-	-	-	-	1,275,048	-	458,558	-	-	-	195,603	-
Optional - Forecast kWh, included in CEN, from customers that receive a line transformation allowance on a kWh basis. In most cases this will not be applicable and will be left blank.		-	-	-	-	-	-	-	-	-	-	-	-	-	-
KWh excluding KWh from Wholesale Market Participants	CEN EWMP	24,020,162,340	2,016,183,097	5,030,042,034	4,804,609,666	668,696,400	2,206,447,679	2,438,092,291	609,041,231	1,077,211,367	124,955,158	22,050,910	24,648,223	22,988,381	4,975,195,903
Existing Monthly Charge			\$19.07	\$26.03	\$65.52	\$28.62	\$26.35	\$74.99	\$20.05	\$78.74	\$3.82	\$2.32	\$36.79	\$73.55	\$830.75
Existing Distribution kWh Rate			\$0.0208	\$0.0331	\$0.0424	\$0.0764	\$0.0532		\$0.0228		\$0.0827	\$0.1034	\$0.0308		
Existing Distribution kW Rate								\$13.0657		\$7.5435				\$5.9510	\$1.1465
Existing TFOA Rate															
Additional Charges															
Distribution Revenue from Rates		\$1,332,255,381	\$90,379,910	\$303,757,003	\$464,610,085	\$104,146,571	\$147,038,925	\$116,555,454	\$18,170,642	\$24,778,174	\$10,559,642	\$3,110,821	\$3,271,539	\$2,520,392	\$43,356,223
Transformer Ownership Allowance		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Net Class Revenue	CREV	\$1,332,255,381	\$90,379,910	\$303,757,003	\$464,610,085	\$104,146,571	\$147,038,925	\$116,555,454	\$18,170,642	\$24,778,174	\$10,559,642	\$3,110,821	\$3,271,539	\$2,520,392	\$43,356,223



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Sheet 16.2 Customer Data Worksheet -

			1	2	3	4	5	6	7	8	9	10	11	12	13
	ID	Total	UR	R1	R2	Seasonal	GSe	GSd	UGe	UGd	St Lgt	Sen Lgt	USL	Dgen	ST
Billing Data															
Bad Debt 3 Year Historical Average	BDHA	\$18,833,333	\$2,293,039	\$6,304,210	\$5,606,188	\$521,010	\$1,400,549	\$1,173,872	\$248,515	\$75,122	\$2,423	\$141,368	\$184	\$200	\$1,066,653
Late Payment 3 Year Historical Average	LPHA	\$12,486,523	1,330,607	3,877,231	4,383,248	713,763	1,137,824	622,415	148,082	47,362	20,748	24,678	43	3,751	176,770
Number of Bills	CNB	14,360,542	2,540,288	5,273,247	3,981,908	617,961	1,125,461	74,354	213,691	22,880	59,123	358,085	68,290	15,466	9,788
Number of Devices											164,073				
Number of Connections (Unmetered)	CCON	41,120	-	-	-	-	-	-	-	-	20,509	14,920	5,691	-	-
Total Number of Customers	CCA	1,298,722	211,691	439,437	331,826	154,490	93,788	6,196	17,808	1,907	18,864	14,920	5,691	1,289	816
Bulk Customer Base	CCB	1,298,722	211,691	439,437	331,826	154,490	93,788	6,196	17,808	1,907	18,864	14,920	5,691	1,289	816
Primary Customer Base	CCP	1,297,280	211,691	439,437	331,826	154,490	93,788	6,196	17,808	1,907	18,864	14,920	5,691	587	75
Line Transformer Customer Base	CCLT	1,297,205	211,691	439,437	331,826	154,490	93,788	6,196	17,808	1,907	18,864	14,920	5,691	587	-
Secondary Customer Base	CCS	1,290,160	211,691	439,437	331,826	154,490	93,788	-	17,808	-	20,509	14,920	5,691	-	-
Weighted - Services	CWCS	1,087,652	105,845	329,578	497,739	154,490	-	-	-	-	-	-	-	-	-
Weighted Meter Capital	CWMC	272,378,814	31,753,606	65,915,584	58,069,497	27,035,811	33,763,843	8,984,398	8,458,598	2,764,701	-	-	-	2,190,984	33,441,791
Weighted Meter Reading	CWMR	231,669	4,822	21,432	101,265	32,865	39,465	22,883	3,244	5,694	-	-	-	-	-
Weighted Bills	CWNB	16,413,139	2,540,288	5,273,247	3,981,908	617,961	2,250,923	520,475	427,382	160,162	118,246	7,162	136,579	231,987	146,818

Bad Debt Data

Historic Year:	2010	18,600,000	2,135,698	6,402,146	5,228,951	439,515	1,428,325	992,491	267,662	89,762	163	333,611	145	364	1,281,167
Historic Year:	2011	19,100,000	2,448,536	6,260,315	5,031,459	602,476	1,232,416	1,397,055	165,705	60,194	1,336	30,593	44	-	1,869,873
Historic Year:	2012	18,800,000	2,294,985	6,250,168	6,558,155	521,039	1,540,907	1,132,070	312,178	75,411	5,771	59,902	362	235	48,918
Three-year average		18,833,333	2,293,039	6,304,210	5,606,188	521,010	1,400,549	1,173,872	248,515	75,122	2,423	141,368	184	200	1,066,653

Street Lighting Adjustment Factors

NCP Test Results 4 NCP

Class	Primary Asset Data		Line Transformer Asset Data	
	Customers/ Devices	4 NCP	Customers/ Devices	4 NCP
UR	211,691	1,695,475	211,691	1,695,475
R1	439,437	4,299,787	439,437	4,299,787
R2	331,826	4,237,544	331,826	4,237,544
Seasonal	154,490	781,973	154,490	781,973
Street Light	164,073	182,673	164,073	182,673

Street Lighting Adjustment Factors	
Primary	8.70
Line Transformer	8.70



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Sheet IS Demand Data Worksheet -

This is an input sheet for demand allocators.

CP TEST RESULTS	12 CP
NCP TEST RESULTS	4 NCP

Co-incident Peak	Indicator
1 CP	CP 1
4 CP	CP 4
12 CP	CP 12

Non-co-incident Peak	Indicator
1 NCP	NCP 1
4 NCP	NCP 4
12 NCP	NCP 12

Customer Classes		Total	1 UR	2 R1	3 R2	4 Seasonal	5 GSe	6 GSd	7 UGe	8 UGd	9 St Lgt	10 Sen Lgt	11 USL	12 Dgen	13 ST
CO-INCIDENT PEAK															
1 CP															
Transformation CP	TCP1	6,583,031	414,915	1,127,550	1,141,166	190,377	328,337	377,503	100,223	141,256	33,315	5,879	3,071	3,534	2,715,903
Bulk Delivery CP	BCP1	6,372,335	401,569	1,091,922	1,106,054	184,514	318,151	365,406	97,029	136,682	32,278	5,696	2,975	3,418	2,626,640
Total Sytem CP	DCP1	6,583,031	414,915	1,127,550	1,141,166	190,377	328,337	377,503	100,223	141,256	33,315	5,879	3,071	3,534	2,715,903
4 CP															
Transformation CP	TCP4	25,253,147	1,701,231	4,368,404	4,240,549	658,312	1,473,444	1,419,286	409,567	580,315	89,908	15,866	12,343	12,725	10,271,197
Bulk Delivery CP	BCP4	24,444,929	1,646,509	4,230,369	4,110,071	638,038	1,427,735	1,373,805	396,516	561,524	87,108	15,372	11,959	12,308	9,933,616
Total Sytem CP	DCP4	25,253,147	1,701,231	4,368,404	4,240,549	658,312	1,473,444	1,419,286	409,567	580,315	89,908	15,866	12,343	12,725	10,271,197
12 CP															
Transformation CP	TCP12	68,421,100	4,555,711	11,448,885	10,854,626	1,392,112	3,925,839	3,915,676	1,087,558	1,704,018	230,957	40,757	36,843	35,368	29,192,750
Bulk Delivery CP	BCP12	66,228,593	4,409,170	11,087,117	10,520,637	1,349,239	3,804,052	3,790,197	1,052,903	1,648,841	223,766	39,488	35,696	34,208	28,233,279
Total Sytem CP	DCP12	68,421,100	4,555,711	11,448,885	10,854,626	1,392,112	3,925,839	3,915,676	1,087,558	1,704,018	230,957	40,757	36,843	35,368	29,192,750
NON CO INCIDENT PEAK															
1 NCP															
Classification NCP from Load Data Provider															
DNCP1		7,107,543	453,901	1,174,560	1,181,355	229,788	442,591	436,935	126,204	203,319	50,561	8,923	3,113	4,073	2,792,220
Primary NCP	PNCP1	4,159,771	434,811	1,115,870	1,109,670	215,929	417,206	411,814	120,366	193,638	47,736	8,424	2,939	393	80,975
Line Transformer NCP	LTNCP1	3,987,495	434,811	1,115,870	1,109,670	215,929	417,206	349,996	120,366	164,485	47,736	8,424	2,939	62	-
Secondary NCP	SNCP1	3,377,689	429,424	1,091,598	1,069,099	208,142	403,824	-	118,279	-	46,301	8,171	2,850	-	-
4 NCP															
Classification NCP from Load Data Provider															
DNCP4		27,375,456	1,769,913	4,525,935	4,511,291	832,164	1,692,337	1,732,806	482,984	764,396	193,481	34,144	12,400	15,925	10,807,681
Primary NCP	PNCP4	15,973,445	1,695,475	4,299,787	4,237,544	781,973	1,595,271	1,633,182	460,640	727,996	182,673	32,236	11,708	1,536	313,424
Line Transformer NCP	LTNCP4	15,303,968	1,695,475	4,299,787	4,237,544	781,973	1,595,271	1,388,021	460,640	618,396	182,673	32,236	11,708	243	-
Secondary NCP	SNCP4	12,933,678	1,674,468	4,206,259	4,082,616	753,771	1,544,103	-	452,656	-	177,181	31,267	11,356	-	-
12 NCP															
Classification NCP from Load Data Provider															
DNCP12		73,374,637	4,826,713	11,828,758	11,293,684	1,796,228	4,681,913	4,939,963	1,334,263	2,132,676	457,130	80,670	36,983	45,052	29,920,604
Primary NCP	PNCP12	41,945,399	4,623,715	11,237,708	10,608,380	1,687,891	4,413,378	4,655,950	1,272,536	2,031,120	431,594	76,164	34,917	4,346	867,700
Line Transformer NCP	LTNCP12	40,069,341	4,623,715	11,237,708	10,608,380	1,687,891	4,413,378	3,957,035	1,272,536	1,725,335	431,594	76,164	34,917	688	-
Secondary NCP	SNCP12	33,455,900	4,566,427	10,993,270	10,220,529	1,627,018	4,271,819	-	1,250,480	-	418,617	73,874	33,867	-	-

2016 Rate Design Excluding 1st Year of Phase-in to All-Fixed Rates

			A	B	C	D=A-C	E	F=A/B	G	H=B*G	I=H-A	J=I/D	K			L=J-K-C			
Number of Customers	GWh	kWs	Revenue	Alloc Cost	Misc Rev	Revenue from Rates	2015 R/C Ratio	R/C Ratio from the CAM	Target 2016 R/C Ratio	Total rev to be collected	Shifted Rev	% Change in revenue from rates	Fixed Charge (\$/month)	Revenue from Fixed Charge	Revenue from Volumetric Charge	Volumetric Charge (\$/kWh)	Volumetric Charge (\$/kW)	Fixed Rev %	
UR	211,691	2,016	-	\$ 100,201,577	\$ 79,671,662	\$ 4,557,206	\$ 95,644,370	1.23	1.26	1.18	\$ 93,920,203	(6,281,374)	-7%	\$ 18.82	\$ 47,806,920	\$ 41,556,076	\$ 0.0206	53%	
R1	439,437	5,030	-	\$ 334,197,267	\$ 281,552,975	\$ 12,746,987	\$ 321,450,280	1.18	1.19	1.14	\$ 321,952,770	(12,244,497)	-4%	\$ 26.47	\$ 139,559,513	\$ 169,646,269	\$ 0.0337	45%	
R2	331,826	4,805	-	\$ 508,052,509	\$ 549,853,739	\$ 16,379,756	\$ 491,672,752	0.93	0.92	0.93	\$ 511,027,148	2,974,639	1%	\$ 69.51	\$ 276,766,265	\$ 217,881,126	\$ 0.0453	56%	
Seasonal	154,490	669	-	\$ 113,514,686	\$ 109,419,477	\$ 3,301,773	\$ 110,212,913	1.03	1.04	1.04	\$ 113,514,686	-	0%	\$ 30.05	\$ 55,705,501	\$ 54,507,413	\$ 0.0815	51%	
GSe	93,788	2,206	-	\$ 160,318,515	\$ 158,303,011	\$ 4,714,848	\$ 155,603,667	1.01	1.01	1.01	\$ 160,318,515	-	0%	\$ 27.94	\$ 31,449,379	\$ 124,154,288	\$ 0.0563	20%	
GSd	6,196	2,438	8,493,971	\$ 125,954,715	\$ 145,551,967	\$ 2,610,124	\$ 123,344,590	0.88	0.87	0.93	\$ 135,274,167	9,319,452	8%	\$ 84.35	\$ 6,271,956	\$ 126,392,086	\$ 14.8802	5%	
UGe	17,808	609	-	\$ 19,899,795	\$ 22,326,005	\$ 670,747	\$ 19,229,048	0.88	0.89	0.93	\$ 20,749,509	849,714	4%	\$ 22.28	\$ 4,760,861	\$ 15,317,901	\$ 0.0252	24%	
UGd	1,907	1,077	3,045,878	\$ 26,653,461	\$ 30,542,502	\$ 432,004	\$ 26,221,457	0.88	0.87	0.93	\$ 28,385,817	1,732,356	7%	\$ 88.26	\$ 2,019,514	\$ 25,934,299	\$ 8.5146	7%	
St Lgt	4,927	125	-	\$ 11,492,882	\$ 12,860,698	\$ 318,160	\$ 11,174,722	0.88	0.89	0.93	\$ 11,952,571	459,690	4%	\$ 4.23	\$ 249,842	\$ 11,384,569	\$ 0.0911	2%	
Sen Lgt	29,840	22	-	\$ 6,963,516	\$ 7,702,257	\$ 3,671,495	\$ 3,292,020	0.92	0.90	0.93	\$ 7,158,381	194,865	6%	\$ 2.64	\$ 944,210	\$ 2,542,675	\$ 0.1153	27%	
USL	5,691	25	-	\$ 3,566,753	\$ 2,919,542	\$ 104,653	\$ 3,462,100	1.21	1.22	1.16	\$ 3,389,125	(177,628)	-5%	\$ 37.07	\$ 2,531,606	\$ 752,865	\$ 0.0305	77%	
DGen	1,289	23	232,370	\$ 2,795,084	\$ 6,551,465	\$ 127,884	\$ 2,667,200	0.55	0.43	0.51	\$ 3,372,587	577,503	22%	\$ 120.39	\$ 1,861,867	\$ 1,382,836	\$ 5.9510	57%	
ST	816	16,629	30,723,761	\$ 46,895,344	\$ 53,250,800	\$ 1,013,702	\$ 45,881,642	0.88	0.88	0.93	\$ 49,490,624	2,595,280	6%	\$ 926.67	\$ 9,070,141	\$ 39,406,781	\$ 1.2826	19%	
1,299,705			35,674	42,495,980	\$ 1,460,506,103	\$ 1,460,506,103	\$ 50,649,340	\$ 1,409,856,762			\$ 1,460,506,103	-		\$ 578,997,576	\$ 830,859,186				
														Total Rev	\$	1,409,856,762			
														Misc Rev	\$	50,649,340			
														Total Rev Req	\$	1,460,506,103			

2016 Rate Design Including 1st Year of Phase-in to All-Fixed Rates

		A		B		C		D=A-C		E		F=A/B		G		H=B*G		I=H-A		J=I/D		K		L=J-K-C	
Number of Customers		GWh	kWs	Revenue	Alloc Cost	Misc Rev	Revenue from Rates	2015 R/C Ratio	R/C Ratio from the CAM	Target 2016 R/C Ratio	Total rev to be collected	Shifted Rev	% Change in revenue from rates	Fixed Charge (\$/month)	Revenue from Fixed Charge	Revenue from Volumetric Charge	Volumetric Charge (\$/kWh)	Volumetric Charge (\$/kW)	Fixed Rev %						
UR	211,691	2,016	-	\$ 100,201,577	\$ 79,671,662	\$ 4,557,206	\$ 95,644,370	1.23	1.26	1.18	\$ 93,920,203	(6,281,374)	-7%	\$ 22.29	\$ 56,627,240	\$ 32,735,756	\$ 0.0162		63%						
R1	439,437	5,030	-	\$ 334,197,267	\$ 281,552,975	\$ 12,746,987	\$ 321,450,280	1.18	1.19	1.14	\$ 321,952,770	(12,244,497)	-4%	\$ 32.55	\$ 171,651,246	\$ 137,554,537	\$ 0.0273		56%						
R2	331,826	4,805	-	\$ 508,052,509	\$ 549,853,739	\$ 16,379,756	\$ 491,672,752	0.93	0.92	0.93	\$ 511,027,148	2,974,639	1%	\$ 77.26	\$ 307,645,186	\$ 187,002,205	\$ 0.0389		62%						
Seasonal	154,490	669	-	\$ 113,514,686	\$ 109,419,477	\$ 3,301,773	\$ 110,212,913	1.03	1.04	1.04	\$ 113,514,686	-	0%	\$ 33.02	\$ 61,223,130	\$ 48,989,784	\$ 0.0733		56%						
GSe	93,788	2,206	-	\$ 160,318,515	\$ 158,303,011	\$ 4,714,848	\$ 155,603,667	1.01	1.01	1.01	\$ 160,318,515	-	0%	\$ 27.94	\$ 31,449,379	\$ 124,154,288	\$ 0.0563		20%						
GSd	6,196	2,438	8,493,971	\$ 125,954,715	\$ 145,551,967	\$ 2,610,124	\$ 123,344,590	0.88	0.87	0.93	\$ 135,274,167	9,319,452	8%	\$ 84.35	\$ 6,271,956	\$ 126,392,086		\$ 14.8802	5%						
UGe	17,808	609	-	\$ 19,899,795	\$ 22,326,005	\$ 670,747	\$ 19,229,048	0.88	0.89	0.93	\$ 20,749,509	849,714	4%	\$ 22.28	\$ 4,760,861	\$ 15,317,901	\$ 0.0252		24%						
UGd	1,907	1,077	3,045,878	\$ 26,653,461	\$ 30,542,502	\$ 432,004	\$ 26,221,457	0.88	0.87	0.93	\$ 28,385,817	1,732,356	7%	\$ 88.26	\$ 2,019,514	\$ 25,934,299		\$ 8.5146	7%						
St Lgt	4,927	125	-	\$ 11,492,882	\$ 12,860,698	\$ 318,160	\$ 11,174,722	0.88	0.89	0.93	\$ 11,952,571	459,690	4%	\$ 4.23	\$ 249,842	\$ 11,384,569	\$ 0.0911		2%						
Sen Lgt	29,840	22	-	\$ 6,963,516	\$ 7,702,257	\$ 3,671,495	\$ 3,292,020	0.92	0.90	0.93	\$ 7,158,381	194,865	6%	\$ 2.64	\$ 944,210	\$ 2,542,675	\$ 0.1153		27%						
USL	5,691	25	-	\$ 3,566,753	\$ 2,919,542	\$ 104,653	\$ 3,462,100	1.21	1.22	1.16	\$ 3,389,125	(177,628)	-5%	\$ 37.07	\$ 2,531,606	\$ 752,865	\$ 0.0305		77%						
DGen	1,289	23	232,370	\$ 2,795,084	\$ 6,551,465	\$ 127,884	\$ 2,667,200	0.55	0.43	0.51	\$ 3,372,587	577,503	22%	\$ 120.39	\$ 1,861,867	\$ 1,382,836		\$ 5.9510	57%						
ST	816	16,629	30,723,761	\$ 46,895,344	\$ 53,250,800	\$ 1,013,702	\$ 45,881,642	0.88	0.88	0.93	\$ 49,490,624	2,595,280	6%	\$ 926.67	\$ 9,070,141	\$ 39,406,781		\$ 1.2826	19%						
1,299,705		35,674	42,495,980	\$ 1,460,506,103	\$ 1,460,506,103	\$ 50,649,340	\$ 1,409,856,762				\$ 1,460,506,103	-			\$ 656,306,179	\$ 753,550,583									
															Total Rev	\$ 1,409,856,762									
															Misc Rev	\$ 50,649,340									
															Total Rev Req	\$ 1,460,506,103									

Rate Class	2015 Current Fixed Charge	2016 All-Fixed Charge	Phase-in Period (Years)	Annual Increase in Fixed Charge	2016 Proposed Fixed Charge
UR	\$ 19.07	\$ 35.18	5	\$ 3.22	\$ 22.29
R1	\$ 26.03	\$ 58.64	5	\$ 6.52	\$ 32.55
R2	\$ 65.52	\$ 124.22	5	\$ 11.74	\$ 77.26
Seasonal	\$ 26.62	\$ 59.45	7	\$ 4.40	\$ 33.02

2016 Sub-Transmission (ST) Rates

A. Delivery Rate Calculation (excluding ST Common Line charge)

	Volumetric					Fixed	
	HVDS-high	HVDS-low	LVDS-low	Specific ST line	Specific Primary line	Service Charge	Meter Charge
Updated Monthly Revenue Requirement to reflect Board Decision (\$)			\$ 111,564.18				
Charge Determinant (Monthly NCP no loss kW)	41,540	2,621	73,830	91.371	-	816	489
	\$/kW	\$/kW	\$/kW	\$/KM	\$/KM	\$	\$
Rate (based on updated Revenue Requirement)	1.8315	3.3426	1.5111	780.3830	586.9288	481.41	741.21
Adjustment for revenue rebalancing to target R/C			6%	6%	6%		
Rate Adjusted for revenue rebalancing		3.4281	1.5966	824.5431	620.1418		
Rate to appear on rate schedule (rounded)	1.8315	3.4281	1.5966	824.5431	620.1418	481.41	741.21

B. Common Line Rate Calculation

Revenue to be collected by ST (2016 Total - adjusted for change in revenue from moving to target 2016 R/C Ratio) \$ 48,477,985

<u>Minus</u>	Billing Quantity (Annual)	Rates (adjusted for target R/C, rounded)	Revenue Generated (Annual)
HVDS-high cost allocation	498,475.58	\$ 1.832	\$ 912,958
HVDS-low cost allocation	31,455.71	\$ 3.428	\$ 107,833
LVDS-low cost allocation	885,962.55	\$ 1.597	\$ 1,414,528
Specific ST lines	1,096.45	\$ 824.54	\$ 904,072
Specific Primary lines	-	\$ 620.14	\$ -
<u>Plus:</u>			
Fixed Rate	9,788	\$ 481.41	\$ 4,711,965
Meter Charge	5,880	\$ 741.21	\$ 4,358,315

3. Total revenue generated through other delivery charges: \$ 12,409,671

4. ST Common Line Revenue Requirement \$ 36,068,315

5. ST Common Line Charge Determinant (kW) 30,723,761

6. ST Common Line Charge (rounded) \$ 1.1740

Determination of Deferral/Variance Account Rate Rider Amounts by Rate Class (2016)																
Allocators	Value	Source	UR	R1	R2	Seasonal	GSe	Gsd	UGe	UGd	St Lgt	Sen Lgt	USL	Dgen	ST	
2 Number of Customers	211,891	2016 Load Forecast	211,891	439,437	331,826	154,490	33,788	6,196	17,808	1,907	4,927	28,840	5,091	1,289	816	
3 kWh	35,674,072.033	2016 Load Forecast	2,016,183,097	5,030,042.034	4,804,609,666	668,696,400	2,206,447,679	2,438,092.291	609,041.231	1,077,211.367	124,955.158	22,050.910	24,648.223	22,888.381	16,629,195.903	
4 kWh excl WMP	24,020,162.340	2016 Load Forecast	2,016,183,097	5,030,042.034	4,804,609,666	668,696,400	2,206,447,679	2,438,092.291	609,041.231	1,077,211.367	124,955.158	22,050.910	24,648.223	22,888.381	4,975,195.903	
5 kWh for Non-RPP, Non-LDC, and Class B customers	7,800,395.202	2016 Load Forecast	274,769,656	662,870,084	532,572,669	17,009,350	469,308,100	-	140,837,000	62,191.464	3,522.795	1,566,869	23,676.117	2,444,467.861	2,444,467.861	
6 Billing kWh	42,495,980	2016 Load Forecast	-	-	-	-	-	4,893,917	-	3,045,878	-	-	-	232,370	33,761	
7 OMA	100%	2016 Cost Allocation Model: E2 Allocators sheet	6.59%	21.40%	37.87%	7.81%	10.61%	7.33%	1.43%	1.51%	0.97%	0.50%	0.27%	0.31%	3.39%	
8 NFA	100%	2016 Cost Allocation Model: E2 Allocators sheet	4.55%	17.91%	34.47%	7.38%	11.04%	11.60%	1.55%	2.40%	0.86%	0.40%	0.16%	0.08%	3.59%	
9 Revenue From Rates	\$1,409,856,762	2016 Load Forecast	\$89,362,996	\$309,205,783	\$494,658,367	\$110,212,913	\$155,603,667	\$132,666,448	\$20,079,208	\$27,954,423	\$1,634,668	\$3,487,039	\$3,284,471	\$3,228,295	\$48,477,695	
10 Fixed Revenue Requirement	\$656,292,498	2016 Load Forecast	\$61,223,130	\$31,449,379	\$61,223,130	\$31,449,379	\$61,223,130	\$62,722,044	\$4,760,966	\$2,019,558	\$249,847	\$944,252	\$2,531,606	\$1,845,458	\$9,070,340	
11 Volumetric Revenue Requirement	\$753,564,264	2016 Load Forecast	\$137,554,537	\$187,010,985	\$48,989,784	\$124,154,288	\$126,394,854	\$15,318,241	\$25,934,864	\$11,384,821	\$2,542,787	\$752,865	\$1,862,336	\$1,862,336	\$39,407,645	
Rider Development																
	Amount to be collected/refunded	Allocator														
16 RSVA-Wholesale Market Service Charge	\$	(73,078,802) kWh Exc WMP	(\$6,134,024)	(\$15,303,371)	(\$14,817,516)	(\$2,034,438)	(\$6,712,884)	(\$7,417,638)	(\$1,852,943)	(\$3,277,302)	(\$380,163)	(\$67,088)	(\$74,990)	(\$69,840)	(\$15,136,507)	
17 RSVA-Retail Transmission Network Charge	\$	39,720,537 kWh	\$2,244,876	\$5,600,593	\$5,349,590	\$744,546	\$2,456,722	\$2,714,642	\$678,124	\$1,199,398	\$138,129	\$24,552	\$27,444	\$25,596	\$18,515,324	
18 RSVA-Retail Transmission Connection Charge	\$	16,826,828 kWh	\$939,694	\$2,244,382	\$2,239,313	\$311,683	\$1,028,372	\$1,136,336	\$323,859	\$502,002	\$59,239	\$10,277	\$11,488	\$10,714	\$7,750,457	
19 RSVA-LV Variance	\$	3,970,868 kWh	\$224,421	\$559,892	\$74,432	\$245,599	\$67,792	\$119,904	\$13,909	\$2,454	\$24,54	\$2,454	\$2,454	\$2,559	\$1,850,880	
20 RSVA-Global Adjustment	\$	(22,750,129) kWh for Non-RPP	(\$801,375)	(\$1,641,631)	(\$1,563,266)	(\$49,608)	(\$1,339,591)	(\$6,565,926)	(\$410,320)	(\$2,993,873)	(\$181,267)	(\$10,274)	(\$4,870)	(\$69,049)	(\$7,129,377)	
21 RSVA-Power (Line Losses)	\$	(655,490) kWh	(\$31,395)	(\$78,324)	(\$78,324)	(\$10,412)	(\$34,357)	(\$9,494)	(\$2,742)	(\$16,774)	(\$1,946)	(\$3,443)	(\$4,840)	(\$3,558)	(\$258,939)	
22 Disposition & Recovery of Regulatory Balances (2011)	\$	(705,681) kWh	(\$39,882)	(\$89,498)	(\$89,498)	(\$13,277)	(\$43,645)	(\$46,227)	(\$12,047)	(\$21,308)	(\$2,472)	(\$4,943)	(\$4,943)	(\$4,943)	(\$308,937)	
23 RCVA	\$	1,064,118 Number of customers	\$173,319	\$369,784	\$271,678	\$126,487	\$6,788	\$5,073	\$14,580	\$1,561	\$4,034	\$24,431	\$4,659	\$1,055	\$668	
24 DEB Costs	\$	9,317,037 OMA	\$61,422	\$1,094,086	\$3,528,092	\$727,902	\$988,947	\$682,886	\$133,329	\$140,826	\$90,525	\$46,834	\$25,169	\$29,150	\$335,070	
25 RSC Exemption	\$	6,674,988 2016 Revenue Requirement Share	\$423,090	\$2,341,967	\$291,805	\$736,708	\$628,114	\$86,065	\$132,351	\$52,085	\$16,509	\$16,509	\$16,509	\$16,284	\$228,620	
26 Special Purpose Charge Variance	\$	173,860 kWh	\$9,826	\$24,514	\$23,416	\$3,259	\$10,753	\$1,182	\$2,968	\$5,250	\$609	\$107	\$120	\$112	\$81,043	
27 Tax Changes	\$	(17,763,206) NFA	(\$808,341)	(\$3,182,145)	(\$6,833,899)	(\$1,310,449)	(\$1,961,236)	(\$2,061,005)	(\$274,870)	(\$427,084)	(\$152,477)	(\$7,177)	(\$29,188)	(\$19,879)	(\$636,977)	
28 Microsoft Connection Charge Variance	\$	(1,581,655) OMA	(\$104,270)	(\$338,515)	(\$508,827)	(\$123,568)	(\$167,883)	(\$15,506)	(\$22,634)	(\$7,850)	(\$7,850)	(\$4,373)	(\$4,949)	(\$5,146)	(\$34,949)	
29 Deferred Pension	\$	60,129,031 2016 Revenue Requirement Share	\$3,811,246	\$13,187,328	\$21,096,702	\$4,700,744	\$6,366,346	\$5,658,117	\$856,359	\$1,192,229	\$496,207	\$148,719	\$140,080	\$137,684	\$2,067,539	
30 Generator Joint Use	\$	(322,211) OMA	(\$211,242)	(\$68,961)	(\$122,012)	(\$25,173)	(\$34,201)	(\$23,618)	(\$4,611)	(\$4,870)	(\$3,131)	(\$1,620)	(\$870)	(\$1,008)	(\$10,896)	
31 Capex Variance	\$	(1,752,777) 2016 Revenue Requirement Share	(\$111,099)	(\$384,414)	(\$614,374)	(\$137,020)	(\$103,451)	(\$164,936)	(\$24,963)	(\$34,754)	(\$14,465)	(\$4,335)	(\$4,063)	(\$4,014)	(\$80,289)	
32 Smart Meter	\$	16,000,000 Number of customers excluding unmetred	\$2,689,743	\$5,583,491	\$4,216,178	\$1,962,955	\$1,191,676	\$78,728	\$226,263	\$24,226	\$0	\$0	\$0	\$6	\$10,364	
33 Smart Meter Entry Charge	\$	663,161 Number of customers excluding unmetred	\$111,483	\$231,422	\$174,750	\$81,360	\$49,392	\$3,263	\$9,378	\$1,004	\$0	\$0	\$0	\$679	\$430	
34 Smart Grid	\$	(1,060,232) 2016 Revenue Requirement Share	(\$67,203)	(\$232,527)	(\$371,990)	(\$62,882)	(\$117,016)	(\$95,767)	(\$15,105)	(\$2,744,023)	(\$2,822)	(\$4,428)	(\$2,470)	(\$3,656)	(\$6,456)	
35 Green Energy	\$	(1,487,313) 2016 Revenue Requirement Share	(\$94,273)	(\$326,193)	(\$521,834)	(\$116,265)	(\$164,152)	(\$139,956)	(\$21,182)	(\$29,490)	(\$12,274)	(\$3,679)	(\$3,465)	(\$3,406)	(\$51,141)	
Total Regulatory Assets for Approval	\$	33,282,949														
	\$	33,282,949	\$	33,282,949	\$	3,028,820	\$	9,693,852	\$	14,372,214	\$	5,351,837	\$	2,652,887	\$	5,484,536
			UR		R1	R2	Seasonal	GSe	Gsd	UGe	UGd	St Lgt	Sen Lgt	USL	Dgen	ST

2016 Retail Transmission Service Rates

	2016 Transmission Bill					Rates				
	Tx Network	Tx Line	Tx Transformation	Total IESO Bill	Share	Units	Current Rates		Draft 2016 Rates	
							Network	Connection	Network	Connection
IESO Bill	\$240,004,251	\$46,242,387	\$117,589,189	\$403,835,827						
ST	\$111,148,105	\$19,343,423	\$55,656,562	\$186,148,090	46%	\$/kW	3.4121	0.7879 Line	3.3396	0.7791 Line
						\$/kW		1.8018 Transf.		1.7713 Transf.
Retail	\$128,856,145	\$26,898,964	\$61,932,628	\$217,687,737	54%					
UR	\$14,657,632	\$3,185,556	\$7,334,477	\$25,177,665		\$/kWh	0.0070	0.0050	0.0069	0.0049
R1	\$36,541,488	\$7,850,982	\$18,076,232	\$62,468,702		\$/kWh	0.0066	0.0048	0.0068	0.0048
R2	\$34,559,918	\$7,317,541	\$16,848,029	\$58,725,488		\$/kWh	0.0063	0.0045	0.0065	0.0046
Seasonal	\$4,099,224	\$928,781	\$2,138,442	\$7,166,447		\$/kWh	0.0054	0.0042	0.0056	0.0042
UGe	\$3,995,995	\$742,795	\$1,710,224	\$6,449,015		\$/kWh	0.0062	0.0039	0.0061	0.0038
UGd	\$6,228,656	\$1,224,719	\$2,819,814	\$10,273,189		\$/kW	1.9227	1.2294	1.9476	1.2646
GSe	\$13,807,834	\$2,629,597	\$6,054,428	\$22,491,858		\$/kWh	0.0057	0.0037	0.0057	0.0036
GSd	\$14,085,687	\$2,806,709	\$6,462,213	\$23,354,609		\$/kW	1.5383	0.9910	1.5630	1.0285
DGen	\$131,797	\$25,771	\$59,336	\$216,904		\$/kW	0.5143	0.3315	0.5346	0.3452
USL	\$124,403	\$25,126	\$57,851	\$207,380		\$/kWh	0.0046	0.0031	0.0046	0.0031
Lighting	\$623,512	\$161,387	\$371,581	\$1,156,480		\$/kWh	0.0039	0.0038	0.0039	0.0033

2015 Approved Uniform Transmission Rates (UTRs) used in calculation above:

Network: \$ 3.78
Line Connection: \$ 0.86
Transformation Connection: \$ 2.00

Appendix 2-PA

New Rate Design Policy For Residential Customers - Urban Density (UR)

Please complete the following tables.

A) Data Inputs

Test Year Billing Determinants for Residential Class	
Customers	211,691
kWh	2,016,183,097

Proposed Residential Class Specific Revenue Requirement ¹	\$ 89,362,996.09
--	------------------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	\$ 19.07
Distribution Volumetric Rate (\$/kWh)	0.0208

B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	19.07	211,691	\$ 48,451,993.54	53.57%
Variable	0.0208	2,016,183,097	\$ 41,999,392.50	46.43%
TOTAL	-	-	\$ 90,451,386.04	-

C) Calculating Test Year Base Rates

Number of Required Rate Design Policy Transition Years ²	4
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	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$ 47,868,976.90	18.84	\$ 47,859,035.17
Variable	\$ 41,494,019.18	0.0206	\$ 41,533,371.79
TOTAL	\$ 89,362,996.09	-	\$ 89,392,406.96

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	65.18%	\$ 58,242,481.70	22.93	\$ 58,248,815.10
Variable	34.82%	\$ 31,120,514.39	0.0154	\$ 31,049,219.69
TOTAL	-	\$ 89,362,996.09	-	\$ 89,298,034.79

Checks ³	
Change in Fixed Rate	\$ 4.09
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	-\$ 64,961.30
	-0.07%

Notes:

1 The final residential class specific revenue requirement, as shown in Appendix 2-P, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).

2 Default number of transition years for rate design policy change is 4. Where the change in the residential rate design will result in the fixed charge increasing by more than \$4/year, a distributor may propose an additional transition year.

3 Change in fixed rate due to rate design policy should be less than \$4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)

Appendix 2-PA

New Rate Design Policy For Residential Customers - Medium Density (R1)

Please complete the following tables.

A) Data Inputs

Test Year Billing Determinants for Residential Class	
Customers	439,437
kWh	5,030,042,034

Proposed Residential Class Specific Revenue Requirement ¹	\$ 309,205,782.57
--	-------------------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	\$ 26.03
Distribution Volumetric Rate (\$/kWh)	0.0331

B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	26.03	439,437	\$ 137,242,103.46	45.16%
Variable	0.0331	5,030,042,034	\$ 166,629,767.20	54.84%
TOTAL	-	-	\$ 303,871,870.65	-

C) Calculating Test Year Base Rates

Number of Required Rate Design Policy Transition Years ²	4
---	---

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$ 139,651,136.22	26.48	\$ 139,635,572.65
Variable	\$ 169,554,646.35	0.0337	\$ 169,512,416.55
TOTAL	\$ 309,205,782.57	-	\$ 309,147,989.20

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	58.87%	\$ 182,039,797.80	34.52	\$ 182,032,476.12
Variable	41.13%	\$ 127,165,984.76	0.0253	\$ 127,260,063.47
TOTAL	-	\$ 309,205,782.57	-	\$ 309,292,539.59

Checks ³	
Change in Fixed Rate	\$ 8.04
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	\$ 86,757.02
	0.03%

Notes:

1 The final residential class specific revenue requirement, as shown in Appendix 2-P, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).

2 Default number of transition years for rate design policy change is 4. Where the change in the residential rate design will result in the fixed charge increasing by more than \$4/year, a distributor may propose an additional transition year.

3 Change in fixed rate due to rate design policy should be less than \$4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)

Appendix 2-PA New Rate Design Policy For Residential Customers - Low Density (R2)

Please complete the following tables.

A) Data Inputs

Test Year Billing Determinants for Residential Class	
Customers	331,826
kWh	4,804,609,666

Proposed Residential Class Specific Revenue Requirement ¹	\$ 494,647,391.33
--	-------------------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	\$ 65.52
Distribution Volumetric Rate (\$/kWh)	0.0424

B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	65.52	331,826	\$ 260,898,647.54	56.18%
Variable	0.0424	4,804,609,666	\$ 203,493,469.13	43.82%
TOTAL	-	-	\$ 464,392,116.66	-

C) Calculating Test Year Base Rates

Number of Required Rate Design Policy Transition Years ²	4
---	---

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$ 277,896,266.48	69.79	\$ 277,897,383.79
Variable	\$ 216,751,124.84	0.0451	\$ 216,687,895.93
TOTAL	\$ 494,647,391.33	-	\$ 494,585,279.72

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	67.14%	\$ 332,084,047.69	83.4	\$ 332,091,156.44
Variable	32.86%	\$ 162,563,343.63	0.0338	\$ 162,395,806.71
TOTAL	-	\$ 494,647,391.33	-	\$ 494,486,963.15

Checks ³	
Change in Fixed Rate	\$ 13.61
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	-\$ 160,428.17
	-0.03%

Notes:

1 The final residential class specific revenue requirement, as shown in Appendix 2-P, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).

2 Default number of transition years for rate design policy change is 4. Where the change in the residential rate design will result in the fixed charge increasing by more than \$4/year, a distributor may propose an additional transition year.

3 Change in fixed rate due to rate design policy should be less than \$4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)

Appendix 2-PA

New Rate Design Policy For Residential Customers - Seasonal

Please complete the following tables.

A) Data Inputs

Test Year Billing Determinants for Residential Class	
Customers	154,490
kWh	668,696,400

Proposed Residential Class Specific Revenue Requirement ¹	\$ 110,212,913.27
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Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	\$ 28.62
Distribution Volumetric Rate (\$/kWh)	0.0764

B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	28.62	154,490	\$ 53,063,165.14	50.95%
Variable	0.0764	668,696,400	\$ 51,087,820.96	49.05%
TOTAL	-	-	\$ 104,150,986.10	-

C) Calculating Test Year Base Rates

Number of Required Rate Design Policy Transition Years ²	4
---	---

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$ 56,151,614.46	30.29	\$ 56,154,152.16
Variable	\$ 54,061,298.81	0.0808	\$ 54,030,669.15
TOTAL	\$ 110,212,913.27	-	\$ 110,184,821.31

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	63.21%	\$ 69,666,939.16	37.58	\$ 69,668,967.91
Variable	36.79%	\$ 40,545,974.11	0.0606	\$ 40,523,001.86
TOTAL	-	\$ 110,212,913.27	-	\$ 110,191,969.78

Checks ³	
Change in Fixed Rate	\$ 7.29
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	-0.02%

Notes:

1 The final residential class specific revenue requirement, as shown in Appendix 2-P, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).

2 Default number of transition years for rate design policy change is 4. Where the change in the residential rate design will result in the fixed charge increasing by more than \$4/year, a distributor may propose an additional transition year.

3 Change in fixed rate due to rate design policy should be less than \$4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)

2016 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	211,691	2,016,183,097	-	\$ 22.29	\$ 0.0162		\$ 89,285,197	\$ 89,362,996		\$ 89,362,996	\$ 77,799
Residential – Medium Density [R1]	Customers	439,437	5,030,042,034	-	\$ 32.55	\$ 0.0273		\$ 308,964,328	\$ 309,205,783		\$ 309,205,783	\$ 241,455
Residential – Low Density [R2]	Customers	331,826	4,804,609,666	-	\$ 77.26	\$ 0.0389		\$ 494,541,555	\$ 494,647,391		\$ 494,647,391	\$ 105,836
Seasonal Residential	Customers	154,490	668,696,400	-	\$ 33.02	\$ 0.0733		\$ 110,230,702	\$ 110,212,913		\$ 110,212,913	-\$ 17,789
General Service Energy Billed (less than 50 kW) [GSe]	Customers	93,788	2,206,447,679	-	\$ 27.94	\$ 0.0563		\$ 155,668,397	\$ 155,603,667		\$ 155,603,667	-\$ 64,729
General Service Demand Billed (50 kW and above) [GSd]	Customers	6,196	2,438,092,291	8,493,971	\$ 84.35		\$ 14.8802	\$ 132,663,714	\$ 132,664,043		\$ 132,664,043	\$ 329
Urban General Service Energy Billed (less than 50 kW) [UGe]	Customers	17,808	609,041,231	-	\$ 22.28	\$ 0.0252		\$ 20,108,872	\$ 20,078,762		\$ 20,078,762	-\$ 30,110
Urban General Service Demand Billed (50 kW and above) [UGd]	Customers	1,907	1,077,211,367	3,045,878	\$ 88.26		\$ 8.5146	\$ 27,953,847	\$ 27,953,813		\$ 27,953,813	-\$ 34
Street Lighting	Customers	4,927	124,955,158	-	\$ 4.23	\$ 0.0911		\$ 11,633,506	\$ 11,634,411		\$ 11,634,411	\$ 905
Sentinel Lighting	Customers	29,840	22,050,910	-	\$ 2.64	\$ 0.1153		\$ 3,487,814	\$ 3,486,886		\$ 3,486,886	-\$ 928
Unmetered Scattered Load [USL]	Customers	5,691	24,648,223	-	\$ 37.07	\$ 0.0305		\$ 3,283,265	\$ 3,284,471		\$ 3,284,471	\$ 1,206
Distributed Generation [DGen]	Customers	1,289	22,988,381	232,370	\$ 120.39		\$ 5.9510	\$ 3,244,760	\$ 3,244,704		\$ 3,244,704	-\$ 57
Sub-Transmission [ST]	Customers	816	16,629,105,596	30,723,761	\$ 926.67		\$ 1.2826	\$ 48,476,395	\$ 48,476,922		\$ 48,476,922	\$ 528
Total								\$ 1,409,542,351	\$ 1,409,856,762	\$ -	\$ 1,409,856,762	\$ 314,411

Note

- 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 base revenue requirement.
- Rates should be entered with the number of decimal places that will show on the Tariff of Rates and Charges.

Hydro One Networks Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2016

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

EB-2013-0416

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.

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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

Hydro One Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

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

EB-2013-0416

RESIDENTIAL SERVICE CLASSIFICATIONS

YEAR-ROUND URBAN DENSITY – UR

MONTHLY RATES AND CHARGES – Electricity Component

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2016 Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	22.29
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$	0.69
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0162
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$/kWh	(0.0002)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0069
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0049

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (see Note 12)	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (see Note 12)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

YEAR-ROUND MEDIUM DENSITY – R1

MONTHLY RATES AND CHARGES – Electricity Component

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2016 Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	32.55
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$	0.82
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0273
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$/kWh	(0.0001)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0068
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 (see Note 12)	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (see Note 12)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (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, 2016

This schedule supersedes and replaces all previously
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EB-2013-0416

YEAR-ROUND LOW DENSITY – R2

MONTHLY RATES AND CHARGES – Electricity Component

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2016 Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge*	\$	77.26
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$	1.32
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0389
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0065
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0046

* 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 \$31.50.

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (see Note 12)	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (see Note 12)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

SEASONAL

MONTHLY RATES AND CHARGES – Electricity Component

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2016 Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	33.02
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$	0.81
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0733
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$/kWh	0.0005
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0056
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 (see Note 12)	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (see Note 12)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (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, 2016

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

EB-2013-0416

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. 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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

Hydro One Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

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

EB-2013-0416

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 – Electricity Component

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2016 Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	22.28
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$	0.66
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0252
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$/kWh	(0.0002)
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	0.0038

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (see Note 12)	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (see Note 12)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (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 – Electricity Component

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2016 Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	27.94
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$	0.73
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0563
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$/kWh	0.0002
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	0.0036

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (see Note 12)	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (see Note 12)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (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, 2016

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

EB-2013-0416

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 – Electricity Component

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2016 Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	88.26
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$	1.36
Distribution Volumetric Rate	\$/kW	8.6129
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$/kW	(0.0691)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kW	1.9476
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kW	1.2646

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (see Note 12)	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (see Note 12)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (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, 2016

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EB-2013-0416

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 – Electricity Component

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2016			
Applicable only for Non-RPP Customers (see Note 13)		\$/kWh	(0.0010)

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge		\$	84.35
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016		\$	1.32
Distribution Volumetric Rate		\$/kW	14.9906
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016		\$/kW	0.0309
Retail Transmission Rate – Network Service Rate (see Note 4)		\$/kW	1.5630
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)		\$/kW	1.0285

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (see Note 12)		\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (see Note 12)		\$/kWh	0.0013
Ontario Electricity Support Program Charge (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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EB-2013-0416

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.

MONTHLY RATES AND CHARGES – Electricity Component

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2016 Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	120.39
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$	2.27
Distribution Volumetric Rate	\$/kW	6.0493
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$/kW	0.0481
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kW	0.5346
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kW	0.3452

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (see Note 12)	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (see Note 12)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (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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EB-2013-0416

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.

MONTHLY RATES AND CHARGES – Electricity Component

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2016		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	481.41
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$	11.62
Meter Charge (for Hydro One ownership) (see Note 11)	\$	741.21
Facility Charge for connection to Common ST Lines (44 kV to 13.8 kV) (see Notes 1, 8 and 14)	\$/kW	1.1740
Facility Charge for connection to Specific ST Lines (44 kV to 13.8 kV) (see Note 2)	\$/km	824.5431
Facility Charge for connection to Specific Primary Lines (12.5 kV to 4.16 kV) (see Note 2)	\$/km	620.1418
Facility Charge for connection to high-voltage (> 13.8 kV secondary) delivery High Voltage Distribution Station (see Notes 1 and 14)	\$/kW	1.8315
Facility Charge for connection to low-voltage (< 13.8 kV secondary) delivery High Voltage Distribution Station (see Notes 1 and 14)	\$/kW	3.4281
Facility Charge for connection to low-voltage (< 13.8 kV secondary) Low Voltage Distribution Station (see Notes 3 and 14)	\$/kW	1.5966
Rate Rider for Disposition of Deferral/Variance Accounts (General) (2016)– effective until December 31, 2016 (see Notes 1, 9 and 14)	\$/kW	0.3151
Rate Rider for Disposition of Deferral/Variance Account (Wholesale Market Service Rate) (2016) – effective until December 31, 2016 (see Notes 1, 10 and 14)	\$/kW	(0.4465)
Retail Transmission Service Rates (see Notes 6 and 7)		
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kW	3.3396
Retail Transmission Rate – Line Connection Service Rate (see Note 5)	\$/kW	0.7791
Retail Transmission Rate – Transformation Connection Service Rate (see Note 5)	\$/kW	1.7713

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (see Note 12)	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (see Note 12)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (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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EB-2013-0416

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. 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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – Electricity Component

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2016	\$/kWh	(0.0010)
Applicable only for Non-RPP Customers (see Note 13)		

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	37.07
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$	0.54
Distribution Volumetric Rate	\$/kWh	0.0305
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0046
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 (see Note 12)	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (see Note 12)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (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, 2016

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EB-2013-0416

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. 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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – Electricity Component

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2016	\$/kWh	(0.0010)
Applicable only for Non-RPP Customers (see Note 13)		

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	2.64
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$	0.05
Distribution Volumetric Rate	\$/kWh	0.1153
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	\$/kWh	0.0009
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0039
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0033

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (see Note 12)	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (see Note 12)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (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, 2016

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EB-2013-0416

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. 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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – Electricity Component

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2016		\$/kWh	(0.0010)
Applicable only for Non-RPP Customers (see Note 13)			

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge		\$	4.23
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016		\$	0.08
Distribution Volumetric Rate		\$/kWh	0.0911
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016		\$/kWh	0.0007
Retail Transmission Rate – Network Service Rate (see Note 4)		\$/kWh	0.0039
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)		\$/kWh	0.0033

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (see Note 12)		\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (see Note 12)		\$/kWh	0.0013
Ontario Electricity Support Program Charge (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 GENERATOR SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority'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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit 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

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

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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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

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

Temporary service install & remove	\$	500.00
Specific Charge for Cable and Telecom Companies Access to the Power Poles - \$/pole/year	\$	22.35**
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	\$	635.00
Service Layout Fee - Complex	\$	845.00
Crossing Application - Pipeline	\$	2,540.00
Crossing Application - Water	\$	3,225.00
Crossing Application - Railroad	\$	6,095.00
Line Staking - \$/meter	\$	4.95
Central Metering - New Service < 45 kW	\$	120.00
Conversion to Central Metering < 45 kW	\$	1,045.00
Conversion to Central Metering > 45 kW	\$	925.00
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	\$	5,620.00
Connection Impact Assessment (CIA) Charge - Greater than CAE Small DG & Net Metering	\$	12,055.00
Sentinel Lights Rental Rate - per month	\$	9.25
Sentinel Lights Pole Rental Rate - per month	\$	4.15
Joint Use for Municipality Streetlights	\$	2.04

** This charge level approved on an interim basis.

Hydro One Networks Inc.

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

LDC Rate for 10' of power space	\$	47.34
LDC Rate for 15' of power space	\$	56.81
LDC Rate for 20' of power space	\$	63.44
LDC Rate for 25' of power space	\$	67.23
LDC Rate for 30' of power space	\$	71.02
LDC Rate for 35' of power space	\$	73.86
LDC Rate for 40' of power space	\$	75.75
LDC Rate for 45' of power space	\$	77.64
LDC Rate for 50' of power space	\$	78.59
LDC Rate for 55' of power space	\$	80.49
LDC Rate for 60' of power space	\$	81.43

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

Generator Rate for 10' of power space	\$	47.34
Generator Rate for 15' of power space	\$	56.81
Generator Rate for 20' of power space	\$	63.44
Generator Rate for 25' of power space	\$	67.23
Generator Rate for 30' of power space	\$	71.02
Generator Rate for 35' of power space	\$	73.86
Generator Rate for 40' of power space	\$	75.75
Generator Rate for 45' of power space	\$	77.64
Generator Rate for 50' of power space	\$	78.59
Generator Rate for 55' of power space	\$	80.49
Generator Rate for 60' of power space	\$	81.43

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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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit 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, 2016

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

EB-2013-0416

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 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 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 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 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 Board.

(b) For customers with load displacement generation at 1 MW or above, or at 2 MW or above 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. These rates pertain to the IESO's defined point of sale; consequently, appropriate loss factors as approved by the 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 at 2 MW or above for renewable generation, installed after October 1998, the ST volumetric charges are billed at the gross demand level.

2016 Bill Impacts (Low Consumption Level)

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

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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	0.099	34.65	350	0.099	34.65	0.00	0.00%	45.33%	
Energy Second Tier (kWh)	0	0.116	0.00	0	0.116	0.00	0.00	0.00%	0.00%	
Sub-Total: Energy (RPP)			34.65			34.65	0.00	0.00%	45.33%	
TOU-Off Peak	224	0.083	18.59	224	0.083	18.59	0.00	0.00%		23.33%
TOU-Mid Peak	63	0.128	8.06	63	0.128	8.06	0.00	0.00%		10.12%
TOU-On Peak	63	0.175	11.03	63	0.175	11.03	0.00	0.00%		13.83%
Sub-Total: Energy (TOU)			37.68			37.68	0.00	0.00%	49.29%	47.28%
Service Charge	1	19.07	19.07	1	22.29	22.29	3.22	16.89%	29.16%	27.97%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.01	1.01	1	0.69	0.69	-0.32	-31.68%	0.90%	0.87%
Distribution Volumetric Rate	350	0.0208	7.28	350	0.0162	5.67	-1.61	-22.12%	7.42%	7.11%
Volumetric Deferral/Variance Account Rider	350	-0.0002	-0.07	350	-0.0002	-0.07	0.00	0.00%	-0.09%	-0.09%
Sub-Total: Distribution (excluding pass through)			27.29			28.58	1.29	4.73%	37.39%	35.86%
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.03%	0.99%
Line Losses on Cost of Power (based on two-tier RPP prices)	20	0.10	1.98	20	0.10	1.98	0.00	0.00%	2.58%	2.48%
Line Losses on Cost of Power (based on TOU prices)	20	0.11	2.15	20	0.11	2.15	0.00	0.00%	2.81%	2.69%
Sub-Total: Distribution (based on two-tier RPP prices)			30.06			31.35	1.29	4.29%	41.00%	39.33%
Sub-Total: Distribution (based on TOU prices)			30.23			31.52	1.29	4.27%	41.23%	39.54%
Retail Transmission Rate – Network Service Rate	370	0.007	2.59	370	0.0069	2.55	-0.04	-1.43%	3.34%	3.20%
Retail Transmission Rate – Line and Transformation Connection \$	370	0.005	1.85	370	0.0049	1.81	-0.04	-2.00%	2.37%	2.27%
Sub-Total: Retail Transmission			4.44			4.37	-0.07	-1.67%	5.71%	5.48%
Sub-Total: Delivery (based on two-tier RPP prices)			34.49			35.71	1.22	3.53%	46.71%	44.80%
Sub-Total: Delivery (based on TOU prices)			34.67			35.88	1.22	3.51%	46.94%	45.02%
Wholesale Market Service Rate	370	0.0044	1.63	370	0.0044	1.63	0.00	0.00%	2.13%	2.04%
Rural Rate Protection Charge	370	0.0013	0.48	370	0.0013	0.48	0.00	0.00%	0.63%	0.60%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.33%	0.31%
Sub-Total: Regulatory			2.36			2.36	0.00	0.00%	3.09%	2.96%
Debt Retirement Charge (DRC)	350	0.007	2.45	350	0.007	2.45	0.00	0.00%	3.20%	3.07%
Total Bill on Two-Tier RPP (before Taxes)			73.95			75.17	1.22	1.64%	98.33%	
HST		0.13	9.61		0.13	9.77	0.16	1.64%	12.78%	
Total Bill (including HST)			83.57			84.94	1.37	1.64%	111.11%	
Ontario Clean Energy Benefit (OCEB)		-0.10	-8.36		-0.10	-8.49	-0.14	1.64%	-11.11%	
Total Bill on Two-Tier RPP (including OCEB)			75.21			76.45	1.24	1.64%	100.00%	
Total Bill on TOU (before Taxes)			77.16			78.37	1.22	1.58%		98.33%
HST		0.13	10.03		0.13	10.19	0.16	1.58%		12.78%
Total Bill (including HST)			87.19			88.56	1.37	1.58%		111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-8.72		-0.10	-8.86	-0.14	1.58%		-11.11%
Total Bill on TOU (including OCEB)			78.47			79.71	1.24	1.58%		100.00%

2016 Bill Impacts (Typical Consumption Level)

Rate Class	UR
Monthly Consumption (kWh)	800
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	845.6
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	0.099	59.40	600	0.099	59.40	0.00	0.00%	40.25%	
Energy Second Tier (kWh)	200	0.116	23.20	200	0.116	23.20	0.00	0.00%	15.72%	
Sub-Total: Energy (RPP)			82.60			82.60	0.00	0.00%	55.97%	
TOU-Off Peak	512	0.083	42.50	512	0.083	42.50	0.00	0.00%		28.18%
TOU-Mid Peak	144	0.128	18.43	144	0.128	18.43	0.00	0.00%		12.22%
TOU-On Peak	144	0.175	25.20	144	0.175	25.20	0.00	0.00%		16.71%
Sub-Total: Energy (TOU)			86.13			86.13	0.00	0.00%	58.36%	57.12%
Service Charge	1	19.07	19.07	1	22.29	22.29	3.22	16.89%	15.10%	14.78%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.01	1.01	1	0.69	0.69	-0.32	-31.68%	0.47%	0.46%
Distribution Volumetric Rate	800	0.0208	16.64	800	0.0162	12.96	-3.68	-22.12%	8.78%	8.60%
Volumetric Deferral/Variance Account Rider	800	-0.0002	-0.16	800	-0.0002	-0.16	0.00	0.00%	-0.11%	-0.11%
Sub-Total: Distribution (excluding pass through)			36.56			35.78	-0.78	-2.13%	24.25%	23.73%
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)	46	0.12	5.29	46	0.12	5.29	0.00	0.00%	3.58%	3.51%
Line Losses on Cost of Power (based on TOU prices)	46	0.11	4.91	46	0.11	4.91	0.00	0.00%	3.33%	3.26%
Sub-Total: Distribution (based on two-tier RPP prices)			42.64			41.86	-0.78	-1.83%	28.37%	27.76%
Sub-Total: Distribution (based on TOU prices)			42.26			41.48	-0.78	-1.85%	28.11%	27.51%
Retail Transmission Rate – Network Service Rate	846	0.007	5.92	846	0.0069	5.83	-0.08	-1.43%	3.95%	3.87%
Retail Transmission Rate – Line and Transformation Connection \$	846	0.005	4.23	846	0.0049	4.14	-0.08	-2.00%	2.81%	2.75%
Sub-Total: Retail Transmission			10.15			9.98	-0.17	-1.67%	6.76%	6.62%
Sub-Total: Delivery (based on two-tier RPP prices)			52.79			51.84	-0.95	-1.80%	35.13%	34.38%
Sub-Total: Delivery (based on TOU prices)			52.41			51.46	-0.95	-1.81%	34.87%	34.13%
Wholesale Market Service Rate	846	0.0044	3.72	846	0.0044	3.72	0.00	0.00%	2.52%	2.47%
Rural Rate Protection Charge	846	0.0013	1.10	846	0.0013	1.10	0.00	0.00%	0.74%	0.73%
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%
Sub-Total: Regulatory			5.07			5.07	0.00	0.00%	3.44%	3.36%
Debt Retirement Charge (DRC)	800	0.007	5.60	800	0.007	5.60	0.00	0.00%	3.79%	3.71%
Total Bill on Two-Tier RPP (before Taxes)			146.06			145.11	-0.95	-0.65%	98.33%	
HST		0.13	18.99		0.13	18.86	-0.12	-0.65%	12.78%	
Total Bill (including HST)			165.04			163.97	-1.07	-0.65%	111.11%	
Ontario Clean Energy Benefit (OCEB)		-0.10	-16.50		-0.10	-16.40	0.11	-0.65%	-11.11%	
Total Bill on Two-Tier RPP (including OCEB)			148.54			147.57	-0.97	-0.65%	100.00%	
Total Bill on TOU (before Taxes)			149.20			148.26	-0.95	-0.64%		98.33%
HST		0.13	19.40		0.13	19.27	-0.12	-0.64%		12.78%
Total Bill (including HST)			168.60			167.53	-1.07	-0.64%		111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-16.86		-0.10	-16.75	0.11	-0.64%		-11.11%
Total Bill on TOU (including OCEB)			151.74			150.78	-0.97	-0.64%		100.00%

2016 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	1479.8
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	0.099	59.40	600	0.099	59.40	0.00	0.00%	23.98%	
Energy Second Tier (kWh)	800	0.116	92.80	800	0.116	92.80	0.00	0.00%	37.46%	
Sub-Total: Energy (RPP)			152.20			152.20	0.00	0.00%	61.44%	
TOU-Off Peak	896	0.083	74.37	896	0.083	74.37	0.00	0.00%		30.29%
TOU-Mid Peak	252	0.128	32.26	252	0.128	32.26	0.00	0.00%		13.14%
TOU-On Peak	252	0.175	44.10	252	0.175	44.10	0.00	0.00%		17.96%
Sub-Total: Energy (TOU)			150.72			150.72	0.00	0.00%	60.85%	61.39%
Service Charge	1	19.07	19.07	1	22.29	22.29	3.22	16.89%	9.00%	9.08%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.01	1.01	1	0.69	0.69	-0.32	-31.68%	0.28%	0.28%
Distribution Volumetric Rate	1,400	0.0208	29.12	1,400	0.0162	22.68	-6.44	-22.12%	9.16%	9.24%
Volumetric Deferral/Variance Account Rider	1,400	-0.0002	-0.28	1,400	-0.0002	-0.28	0.00	0.00%	-0.11%	-0.11%
Sub-Total: Distribution (excluding pass through)			48.92			45.38	-3.54	-7.24%	18.32%	18.48%
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	9.26	80	0.12	9.26	0.00	0.00%	3.74%	3.77%
Line Losses on Cost of Power (based on TOU prices)	80	0.11	8.59	80	0.11	8.59	0.00	0.00%	3.47%	3.50%
Sub-Total: Distribution (based on two-tier RPP prices)			58.97			55.43	-3.54	-6.00%	22.38%	22.57%
Sub-Total: Distribution (based on TOU prices)			58.30			54.76	-3.54	-6.07%	22.11%	22.30%
Retail Transmission Rate – Network Service Rate	1,480	0.007	10.36	1,480	0.0069	10.21	-0.15	-1.43%	4.12%	4.16%
Retail Transmission Rate – Line and Transformation Connection	1,480	0.005	7.40	1,480	0.0049	7.25	-0.15	-2.00%	2.93%	2.95%
Sub-Total: Retail Transmission			17.76			17.46	-0.30	-1.67%	7.05%	7.11%
Sub-Total: Delivery (based on two-tier RPP prices)			76.72			72.89	-3.84	-5.00%	29.42%	29.69%
Sub-Total: Delivery (based on TOU prices)			76.06			72.22	-3.84	-5.04%	29.16%	29.41%
Wholesale Market Service Rate	1,480	0.0044	6.51	1,480	0.0044	6.51	0.00	0.00%	2.63%	2.65%
Rural Rate Protection Charge	1,480	0.0013	1.92	1,480	0.0013	1.92	0.00	0.00%	0.78%	0.78%
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%
Sub-Total: Regulatory			8.68			8.68	0.00	0.00%	3.51%	3.54%
Debt Retirement Charge (DRC)	1,400	0.007	9.80	1,400	0.007	9.80	0.00	0.00%	3.96%	3.99%
Total Bill on Two-Tier RPP (before Taxes)			247.41			243.57	-3.84	-1.55%	98.33%	
HST		0.13	32.16		0.13	31.66	-0.50	-1.55%	12.78%	
Total Bill (including HST)			279.57			275.24	-4.33	-1.55%	111.11%	
Ontario Clean Energy Benefit (OCEB)		-0.10	-27.96		-0.10	-27.52	0.43	-1.55%	-11.11%	
Total Bill on Two-Tier RPP (including OCEB)			251.62			247.71	-3.90	-1.55%	100.00%	
Total Bill on TOU (before Taxes)			245.27			241.43	-3.84	-1.56%		98.33%
HST		0.13	31.88		0.13	31.39	-0.50	-1.56%		12.78%
Total Bill (including HST)			277.15			272.82	-4.33	-1.56%		111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-27.72		-0.10	-27.28	0.43	-1.56%		-11.11%
Total Bill on TOU (including OCEB)			249.44			245.54	-3.90	-1.56%		100.00%

2016 Bill Impacts (Low Consumption Level)

Rate Class	R1
Monthly Consumption (kWh)	350
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	376.6
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	0.099	34.65	350	0.099	34.65	0.00	0.00%	37.78%	
Energy Second Tier (kWh)	0	0.116	0.00	0	0.116	0.00	0.00	0.00%	0.00%	
Sub-Total: Energy (RPP)			34.65			34.65	0.00	0.00%	37.78%	
TOU-Off Peak	224	0.083	18.59	224	0.083	18.59	0.00	0.00%		19.56%
TOU-Mid Peak	63	0.128	8.06	63	0.128	8.06	0.00	0.00%		8.49%
TOU-On Peak	63	0.175	11.03	63	0.175	11.03	0.00	0.00%		11.60%
Sub-Total: Energy (TOU)			37.68			37.68	0.00	0.00%	41.09%	39.65%
Service Charge	1	26.03	26.03	1	32.55	32.55	6.52	25.05%	35.49%	34.25%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.14	1.14	1	0.82	0.82	-0.32	-28.07%	0.89%	0.86%
Distribution Volumetric Rate	350	0.0331	11.59	350	0.0273	9.56	-2.03	-17.52%	10.42%	10.05%
Volumetric Deferral/Variance Account Rider	350	0.0000	0.00	350	-0.0001	-0.04	-0.04	0.00%	-0.04%	-0.04%
Sub-Total: Distribution (excluding pass through)			38.76			42.89	4.14	10.67%	46.77%	45.13%
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.86%	0.83%
Line Losses on Cost of Power (based on two-tier RPP prices)	27	0.10	2.63	27	0.10	2.63	0.00	0.00%	2.87%	2.77%
Line Losses on Cost of Power (based on TOU prices)	27	0.11	2.86	27	0.11	2.86	0.00	0.00%	3.12%	3.01%
Sub-Total: Distribution (based on two-tier RPP prices)			42.18			46.31	4.14	9.80%	50.50%	48.74%
Sub-Total: Distribution (based on TOU prices)			42.41			46.54	4.14	9.75%	50.75%	48.98%
Retail Transmission Rate – Network Service Rate	377	0.0066	2.49	377	0.0068	2.56	0.08	3.03%	2.79%	2.69%
Retail Transmission Rate – Line and Transformation Connection \$	377	0.0048	1.81	377	0.0048	1.81	0.00	0.00%	1.97%	1.90%
Sub-Total: Retail Transmission			4.29			4.37	0.08	1.75%	4.76%	4.60%
Sub-Total: Delivery (based on two-tier RPP prices)			46.47			50.68	4.21	9.06%	55.26%	53.33%
Sub-Total: Delivery (based on TOU prices)			46.70			50.91	4.21	9.02%	55.51%	53.58%
Wholesale Market Service Rate	377	0.0044	1.66	377	0.0044	1.66	0.00	0.00%	1.81%	1.74%
Rural Rate Protection Charge	377	0.0013	0.49	377	0.0013	0.49	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%	0.27%	0.26%
Sub-Total: Regulatory			2.40			2.40	0.00	0.00%	2.61%	2.52%
Debt Retirement Charge (DRC)	350	0.007	2.45	350	0.007	2.45	0.00	0.00%	2.67%	2.58%
Total Bill on Two-Tier RPP (before Taxes)			85.97			90.18	4.21	4.90%	98.33%	
HST		0.13	11.18		0.13	11.72	0.55	4.90%	12.78%	
Total Bill (including HST)			97.14			101.90	4.76	4.90%	111.11%	
Ontario Clean Energy Benefit (OCEB)		-0.10	-9.71		-0.10	-10.19	-0.48	4.90%	-11.11%	
Total Bill on Two-Tier RPP (including OCEB)			87.43			91.71	4.28	4.90%	100.00%	
Total Bill on TOU (before Taxes)			89.23			93.44	4.21	4.72%		98.33%
HST		0.13	11.60		0.13	12.15	0.55	4.72%	12.78%	
Total Bill (including HST)			100.83			105.59	4.76	4.72%		111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-10.08		-0.10	-10.56	-0.48	4.72%	-11.11%	
Total Bill on TOU (including OCEB)			90.75			95.03	4.28	4.72%		100.00%

2016 Bill Impacts (Typical Consumption Level)

Rate Class	R1
Monthly Consumption (kWh)	800
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	860.8
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	0.099	59.40	600	0.099	59.40	0.00	0.00%	35.12%	
Energy Second Tier (kWh)	200	0.116	23.20	200	0.116	23.20	0.00	0.00%	13.72%	
Sub-Total: Energy (RPP)			82.60			82.60	0.00	0.00%	48.83%	
TOU-Off Peak	512	0.083	42.50	512	0.083	42.50	0.00	0.00%		24.68%
TOU-Mid Peak	144	0.128	18.43	144	0.128	18.43	0.00	0.00%		10.70%
TOU-On Peak	144	0.175	25.20	144	0.175	25.20	0.00	0.00%		14.63%
Sub-Total: Energy (TOU)			86.13			86.13	0.00	0.00%	50.92%	50.01%
Service Charge	1	26.03	26.03	1	32.55	32.55	6.52	25.05%	19.24%	18.90%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.14	1.14	1	0.82	0.82	-0.32	-28.07%	0.48%	0.48%
Distribution Volumetric Rate	800	0.0331	26.48	800	0.0273	21.84	-4.64	-17.52%	12.91%	12.68%
Volumetric Deferral/Variance Account Rider	800	0.0000	0.00	800	-0.0001	-0.08	-0.08	0.00%	-0.05%	-0.05%
Sub-Total: Distribution (excluding pass through)			53.65			55.13	1.48	2.76%	32.59%	32.01%
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)	61	0.12	7.05	61	0.12	7.05	0.00	0.00%	4.17%	4.10%
Line Losses on Cost of Power (based on TOU prices)	61	0.11	6.55	61	0.11	6.55	0.00	0.00%	3.87%	3.80%
Sub-Total: Distribution (based on two-tier RPP prices)			61.49			62.97	1.48	2.41%	37.23%	36.57%
Sub-Total: Distribution (based on TOU prices)			60.99			62.47	1.48	2.43%	36.93%	36.27%
Retail Transmission Rate – Network Service Rate	861	0.0066	5.68	861	0.0068	5.85	0.17	3.03%	3.46%	3.40%
Retail Transmission Rate – Line and Transformation Connection \$	861	0.0048	4.13	861	0.0048	4.13	0.00	0.00%	2.44%	2.40%
Sub-Total: Retail Transmission			9.81			9.99	0.17	1.75%	5.90%	5.80%
Sub-Total: Delivery (based on two-tier RPP prices)			71.31			72.96	1.65	2.32%	43.13%	42.36%
Sub-Total: Delivery (based on TOU prices)			70.80			72.45	1.65	2.33%	42.83%	42.07%
Wholesale Market Service Rate	861	0.0044	3.79	861	0.0044	3.79	0.00	0.00%	2.24%	2.20%
Rural Rate Protection Charge	861	0.0013	1.12	861	0.0013	1.12	0.00	0.00%	0.66%	0.65%
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%
Sub-Total: Regulatory			5.16			5.16	0.00	0.00%	3.05%	2.99%
Debt Retirement Charge (DRC)	800	0.007	5.60	800	0.007	5.60	0.00	0.00%	3.31%	3.25%
Total Bill on Two-Tier RPP (before Taxes)			164.66			166.31	1.65	1.00%	98.33%	
HST		0.13	21.41		0.13	21.62	0.21	1.00%	12.78%	
Total Bill (including HST)			186.07			187.94	1.87	1.00%	111.11%	
Ontario Clean Energy Benefit (OCEB)		-0.10	-18.61		-0.10	-18.79	-0.19	1.00%	-11.11%	
Total Bill on Two-Tier RPP (including OCEB)			167.46			169.14	1.68	1.00%	100.00%	
Total Bill on TOU (before Taxes)			167.68			169.34	1.65	0.99%		98.33%
HST		0.13	21.80		0.13	22.01	0.21	0.99%		12.78%
Total Bill (including HST)			189.48			191.35	1.87	0.99%		111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-18.95		-0.10	-19.13	-0.19	0.99%		-11.11%
Total Bill on TOU (including OCEB)			170.53			172.21	1.68	0.99%		100.00%

2016 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	1936.8
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	0.099	59.40	600	0.099	59.40	0.00	0.00%	16.98%	
Energy Second Tier (kWh)	1,200	0.116	139.20	1,200	0.116	139.20	0.00	0.00%	39.80%	
Sub-Total: Energy (RPP)			198.60			198.60	0.00	0.00%	56.78%	
TOU-Off Peak	1,152	0.083	95.62	1,152	0.083	95.62	0.00	0.00%		27.82%
TOU-Mid Peak	324	0.128	41.47	324	0.128	41.47	0.00	0.00%		12.06%
TOU-On Peak	324	0.175	56.70	324	0.175	56.70	0.00	0.00%		16.50%
Sub-Total: Energy (TOU)			193.79			193.79	0.00	0.00%	55.40%	56.38%
Service Charge	1	26.03	26.03	1	32.55	32.55	6.52	25.05%	9.31%	9.47%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.14	1.14	1	0.82	0.82	-0.32	-28.07%	0.23%	0.24%
Distribution Volumetric Rate	1,800	0.0331	59.58	1,800	0.0273	49.14	-10.44	-17.52%	14.05%	14.30%
Volumetric Deferral/Variance Account Rider	1,800	0.0000	0.00	1,800	-0.0001	-0.18	-0.18	0.00%	-0.05%	-0.05%
Sub-Total: Distribution (excluding pass through)			86.75			82.33	-4.42	-5.10%	23.54%	23.95%
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	15.87	137	0.12	15.87	0.00	0.00%	4.54%	4.62%
Line Losses on Cost of Power (based on TOU prices)	137	0.11	14.73	137	0.11	14.73	0.00	0.00%	4.21%	4.28%
Sub-Total: Distribution (based on two-tier RPP prices)			103.41			98.99	-4.42	-4.27%	28.30%	28.80%
Sub-Total: Distribution (based on TOU prices)			102.27			97.85	-4.42	-4.32%	27.97%	28.47%
Retail Transmission Rate – Network Service Rate	1,937	0.0066	12.78	1,937	0.0068	13.17	0.39	3.03%	3.77%	3.83%
Retail Transmission Rate – Line and Transformation Connection \$	1,937	0.0048	9.30	1,937	0.0048	9.30	0.00	0.00%	2.66%	2.70%
Sub-Total: Retail Transmission			22.08			22.47	0.39	1.75%	6.42%	6.54%
Sub-Total: Delivery (based on two-tier RPP prices)			125.49			121.46	-4.03	-3.21%	34.72%	35.33%
Sub-Total: Delivery (based on TOU prices)			124.35			120.31	-4.03	-3.24%	34.40%	35.00%
Wholesale Market Service Rate	1,937	0.0044	8.52	1,937	0.0044	8.52	0.00	0.00%	2.44%	2.48%
Rural Rate Protection Charge	1,937	0.0013	2.52	1,937	0.0013	2.52	0.00	0.00%	0.72%	0.73%
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%
Sub-Total: Regulatory			11.29			11.29	0.00	0.00%	3.23%	3.28%
Debt Retirement Charge (DRC)	1,800	0.007	12.60	1,800	0.007	12.60	0.00	0.00%	3.60%	3.67%
Total Bill on Two-Tier RPP (before Taxes)			347.98			343.95	-4.03	-1.16%	98.33%	
HST		0.13	45.24		0.13	44.71	-0.52	-1.16%	12.78%	
Total Bill (including HST)			393.22			388.66	-4.56	-1.16%	111.11%	
Ontario Clean Energy Benefit (OCEB)		-0.10	-39.32		-0.10	-38.87	0.46	-1.16%	-11.11%	
Total Bill on Two-Tier RPP (including OCEB)			353.89			349.79	-4.10	-1.16%	100.00%	
Total Bill on TOU (before Taxes)			342.03			337.99	-4.03	-1.18%		98.33%
HST		0.13	44.46		0.13	43.94	-0.52	-1.18%		12.78%
Total Bill (including HST)			386.49			381.93	-4.56	-1.18%		111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-38.65		-0.10	-38.19	0.46	-1.18%		-11.11%
Total Bill on TOU (including OCEB)			347.84			343.74	-4.10	-1.18%		100.00%

2016 Bill Impacts (Low Consumption Level)

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

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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)	450	0.099	44.55	450	0.099	44.55	0.00	0.00%	34.67%	
Energy Second Tier (kWh)	0	0.116	0.00	0	0.116	0.00	0.00	0.00%	0.00%	
Sub-Total: Energy (RPP)			44.55			44.55	0.00	0.00%	34.67%	
TOU-Off Peak	288	0.083	23.90	288	0.083	23.90	0.00	0.00%		17.99%
TOU-Mid Peak	81	0.128	10.37	81	0.128	10.37	0.00	0.00%		7.80%
TOU-On Peak	81	0.175	14.18	81	0.175	14.18	0.00	0.00%		10.67%
Sub-Total: Energy (TOU)			48.45			48.45	0.00	0.00%	37.70%	36.46%
Service Charge	1	34.02	34.02	1	45.76	45.76	11.74	34.51%	35.61%	34.44%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.85	1.85	1	1.32	1.32	-0.53	-28.65%	1.03%	0.99%
Distribution Volumetric Rate	450	0.0424	19.08	450	0.0389	17.51	-1.58	-8.25%	13.62%	13.17%
Volumetric Deferral/Variance Account Rider	450	0.0001	0.05	450	0	0.00	-0.05	-100.00%	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			55.00			64.59	9.59	17.44%	50.26%	48.60%
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.61%	0.59%
Line Losses on Cost of Power (based on two-tier RPP prices)	47	0.10	4.68	47	0.10	4.68	0.00	0.00%	3.64%	3.52%
Line Losses on Cost of Power (based on TOU prices)	47	0.11	5.09	47	0.11	5.09	0.00	0.00%	3.96%	3.83%
Sub-Total: Distribution (based on two-tier RPP prices)			60.46			70.05	9.59	15.86%	54.51%	52.72%
Sub-Total: Distribution (based on TOU prices)			60.87			70.46	9.59	15.75%	54.83%	53.03%
Retail Transmission Rate – Network Service Rate	497	0.0063	3.13	497	0.0065	3.23	0.10	3.17%	2.52%	2.43%
Retail Transmission Rate – Line and Transformation Connection \$	497	0.0045	2.24	497	0.0046	2.29	0.05	2.22%	1.78%	1.72%
Sub-Total: Retail Transmission			5.37			5.52	0.15	2.78%	4.30%	4.15%
Sub-Total: Delivery (based on two-tier RPP prices)			65.83			75.57	9.74	14.79%	58.81%	56.87%
Sub-Total: Delivery (based on TOU prices)			66.24			75.98	9.74	14.70%	59.13%	57.18%
Wholesale Market Service Rate	497	0.0044	2.19	497	0.0044	2.19	0.00	0.00%	1.70%	1.65%
Rural Rate Protection Charge	497	0.0013	0.65	497	0.0013	0.65	0.00	0.00%	0.50%	0.49%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.19%	0.19%
Sub-Total: Regulatory			3.08			3.08	0.00	0.00%	2.40%	2.32%
Debt Retirement Charge (DRC)	450	0.007	3.15	450	0.007	3.15	0.00	0.00%	2.45%	2.37%
Total Bill on Two-Tier RPP (before Taxes)			116.62			126.36	9.74	8.35%	98.33%	
HST		0.13	15.16		0.13	16.43	1.27	8.35%	12.78%	
Total Bill (including HST)			131.78			142.78	11.01	8.35%	111.11%	
Ontario Clean Energy Benefit (OCEB)		-0.10	-13.18		-0.10	-14.28	-1.10	8.35%	-11.11%	
Total Bill on Two-Tier RPP (including OCEB)			118.60			128.50	9.90	8.35%	100.00%	
Total Bill on TOU (before Taxes)			120.92			130.66	9.74	8.05%		98.33%
HST		0.13	15.72		0.13	16.99	1.27	8.05%		12.78%
Total Bill (including HST)			136.64			147.65	11.01	8.05%		111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-13.66		-0.10	-14.76	-1.10	8.05%		-11.11%
Total Bill on TOU (including OCEB)			122.98			132.88	9.90	8.05%		100.00%

2016 Bill Impacts (Typical Consumption Level)

Rate Class	R2
Monthly Consumption (kWh)	800
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	884
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	0.099	59.40	600	0.099	59.40	0.00	0.00%	30.41%	
Energy Second Tier (kWh)	200	0.116	23.20	200	0.116	23.20	0.00	0.00%	11.88%	
Sub-Total: Energy (RPP)			82.60			82.60	0.00	0.00%	42.29%	
TOU-Off Peak	512	0.083	42.50	512	0.083	42.50	0.00	0.00%		21.44%
TOU-Mid Peak	144	0.128	18.43	144	0.128	18.43	0.00	0.00%		9.30%
TOU-On Peak	144	0.175	25.20	144	0.175	25.20	0.00	0.00%		12.72%
Sub-Total: Energy (TOU)			86.13			86.13	0.00	0.00%	44.10%	43.46%
Service Charge	1	34.02	34.02	1	45.76	45.76	11.74	34.51%	23.43%	23.09%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.85	1.85	1	1.32	1.32	-0.53	-28.65%	0.68%	0.67%
Distribution Volumetric Rate	800	0.0424	33.92	800	0.0389	31.12	-2.80	-8.25%	15.93%	15.70%
Volumetric Deferral/Variance Account Rider	800	0.0001	0.08	800	0	0.00	-0.08	-100.00%	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			69.87			78.20	8.33	11.92%	40.04%	39.46%
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)	84	0.12	9.74	84	0.12	9.74	0.00	0.00%	4.99%	4.92%
Line Losses on Cost of Power (based on TOU prices)	84	0.11	9.04	84	0.11	9.04	0.00	0.00%	4.63%	4.56%
Sub-Total: Distribution (based on two-tier RPP prices)			80.40			88.73	8.33	10.36%	45.43%	44.78%
Sub-Total: Distribution (based on TOU prices)			79.70			88.03	8.33	10.45%	45.08%	44.42%
Retail Transmission Rate – Network Service Rate	884	0.0063	5.57	884	0.0065	5.75	0.18	3.17%	2.94%	2.90%
Retail Transmission Rate – Line and Transformation Connection \$	884	0.0045	3.98	884	0.0046	4.07	0.09	2.22%	2.08%	2.05%
Sub-Total: Retail Transmission			9.55			9.81	0.27	2.78%	5.02%	4.95%
Sub-Total: Delivery (based on two-tier RPP prices)			89.95			98.55	8.60	9.56%	50.46%	49.73%
Sub-Total: Delivery (based on TOU prices)			89.25			97.85	8.60	9.63%	50.10%	49.37%
Wholesale Market Service Rate	884	0.0044	3.89	884	0.0044	3.89	0.00	0.00%	1.99%	1.96%
Rural Rate Protection Charge	884	0.0013	1.15	884	0.0013	1.15	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%	0.13%	0.13%
Sub-Total: Regulatory			5.29			5.29	0.00	0.00%	2.71%	2.67%
Debt Retirement Charge (DRC)	800	0.007	5.60	800	0.007	5.60	0.00	0.00%	2.87%	2.83%
Total Bill on Two-Tier RPP (before Taxes)			183.44			192.04	8.60	4.69%	98.33%	
HST		0.13	23.85		0.13	24.96	1.12	4.69%	12.78%	
Total Bill (including HST)			207.29			217.00	9.71	4.69%	111.11%	
Ontario Clean Energy Benefit (OCEB)		-0.10	-20.73		-0.10	-21.70	-0.97	4.69%	-11.11%	
Total Bill on Two-Tier RPP (including OCEB)			186.56			195.30	8.74	4.69%	100.00%	
Total Bill on TOU (before Taxes)			186.27			194.86	8.60	4.61%		98.33%
HST		0.13	24.21		0.13	25.33	1.12	4.61%		12.78%
Total Bill (including HST)			210.48			220.19	9.71	4.61%		111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-21.05		-0.10	-22.02	-0.97	4.61%		-11.11%
Total Bill on TOU (including OCEB)			189.43			198.18	8.74	4.61%		100.00%

2016 Bill Impacts (High Consumption Level)

Rate Class	R2
Monthly Consumption (kWh)	2400
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	2652
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	0.099	59.40	600	0.099	59.40	0.00	0.00%	11.68%	
Energy Second Tier (kWh)	1,800	0.116	208.80	1,800	0.116	208.80	0.00	0.00%	41.04%	
Sub-Total: Energy (RPP)			268.20			268.20	0.00	0.00%	52.72%	
TOU-Off Peak	1,536	0.083	127.49	1,536	0.083	127.49	0.00	0.00%		25.67%
TOU-Mid Peak	432	0.128	55.30	432	0.128	55.30	0.00	0.00%		11.13%
TOU-On Peak	432	0.175	75.60	432	0.175	75.60	0.00	0.00%		15.22%
Sub-Total: Energy (TOU)			258.38			258.38	0.00	0.00%	50.79%	52.03%
Service Charge	1	34.02	34.02	1	45.76	45.76	11.74	34.51%	8.99%	9.21%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.85	1.85	1	1.32	1.32	-0.53	-28.65%	0.26%	0.27%
Distribution Volumetric Rate	2,400	0.0424	101.76	2,400	0.0389	93.36	-8.40	-8.25%	18.35%	18.80%
Volumetric Deferral/Variance Account Rider	2,400	0.0001	0.24	2,400	0	0.00	-0.24	-100.00%	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			137.87			140.44	2.57	1.86%	27.60%	28.28%
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)	252	0.12	29.23	252	0.12	29.23	0.00	0.00%	5.75%	5.89%
Line Losses on Cost of Power (based on TOU prices)	252	0.11	27.13	252	0.11	27.13	0.00	0.00%	5.33%	5.46%
Sub-Total: Distribution (based on two-tier RPP prices)			167.89			170.46	2.57	1.53%	33.50%	34.32%
Sub-Total: Distribution (based on TOU prices)			165.79			168.36	2.57	1.55%	33.09%	33.90%
Retail Transmission Rate – Network Service Rate	2,652	0.0063	16.71	2,652	0.0065	17.24	0.53	3.17%	3.39%	3.47%
Retail Transmission Rate – Line and Transformation Connection \$	2,652	0.0045	11.93	2,652	0.0046	12.20	0.27	2.22%	2.40%	2.46%
Sub-Total: Retail Transmission			28.64			29.44	0.80	2.78%	5.79%	5.93%
Sub-Total: Delivery (based on two-tier RPP prices)			196.53			199.90	3.37	1.71%	39.29%	40.25%
Sub-Total: Delivery (based on TOU prices)			194.43			197.80	3.37	1.73%	38.88%	39.83%
Wholesale Market Service Rate	2,652	0.0044	11.67	2,652	0.0044	11.67	0.00	0.00%	2.29%	2.35%
Rural Rate Protection Charge	2,652	0.0013	3.45	2,652	0.0013	3.45	0.00	0.00%	0.68%	0.69%
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%
Sub-Total: Regulatory			15.37			15.37	0.00	0.00%	3.02%	3.09%
Debt Retirement Charge (DRC)	2,400	0.007	16.80	2,400	0.007	16.80	0.00	0.00%	3.30%	3.38%
Total Bill on Two-Tier RPP (before Taxes)			496.90			500.27	3.37	0.68%	98.33%	
HST		0.13	64.60		0.13	65.03	0.44	0.68%	12.78%	
Total Bill (including HST)			561.50			565.30	3.80	0.68%	111.11%	
Ontario Clean Energy Benefit (OCEB)		-0.10	-56.15		-0.10	-56.53	-0.38	0.68%	-11.11%	
Total Bill on Two-Tier RPP (including OCEB)			505.35			508.77	3.42	0.68%	100.00%	
Total Bill on TOU (before Taxes)			484.98			488.35	3.37	0.69%		98.33%
HST		0.13	63.05		0.13	63.49	0.44	0.69%		12.78%
Total Bill (including HST)			548.03			551.83	3.80	0.69%		111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-54.80		-0.10	-55.18	-0.38	0.69%		-11.11%
Total Bill on TOU (including OCEB)			493.23			496.65	3.42	0.69%		100.00%

2016 Bill Impacts (Low Consumption Level)

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

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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)	50	0.099	4.95	50	0.099	4.95	0.00	0.00%	10.76%	
Energy Second Tier (kWh)	0	0.116	0.00	0	0.116	0.00	0.00	0.00%	0.00%	
Sub-Total: Energy (RPP)			4.95			4.95	0.00	0.00%	10.76%	
TOU-Off Peak	32	0.083	2.66	32	0.083	2.66	0.00	0.00%		5.71%
TOU-Mid Peak	9	0.128	1.15	9	0.128	1.15	0.00	0.00%		2.48%
TOU-On Peak	9	0.175	1.58	9	0.175	1.58	0.00	0.00%		3.39%
Sub-Total: Energy (TOU)			5.38			5.38	0.00	0.00%	11.70%	11.58%
Service Charge	1	28.62	28.62	1	33.02	33.02	4.40	15.37%	71.78%	71.03%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.16	1.16	1	0.81	0.81	-0.35	-30.17%	1.76%	1.74%
Distribution Volumetric Rate	50	0.0764	3.82	50	0.0733	3.67	-0.16	-4.06%	7.97%	7.88%
Volumetric Deferral/Variance Account Rider	50	0.0008	0.04	50	0.0005	0.03	-0.02	-37.50%	0.05%	0.05%
Sub-Total: Distribution (excluding pass through)			33.64			37.52	3.88	11.53%	81.57%	80.71%
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.72%	1.70%
Line Losses on Cost of Power (based on two-tier RPP prices)	5	0.10	0.51	5	0.10	0.51	0.00	0.00%	1.12%	1.11%
Line Losses on Cost of Power (based on TOU prices)	5	0.11	0.56	5	0.11	0.56	0.00	0.00%	1.22%	1.20%
Sub-Total: Distribution (based on two-tier RPP prices)			34.94			38.82	3.88	11.10%	84.40%	83.52%
Sub-Total: Distribution (based on TOU prices)			34.99			38.87	3.88	11.09%	84.50%	83.62%
Retail Transmission Rate – Network Service Rate	55	0.0054	0.30	55	0.0056	0.31	0.01	3.70%	0.67%	0.66%
Retail Transmission Rate – Line and Transformation Connection \$	55	0.0042	0.23	55	0.0042	0.23	0.00	0.00%	0.50%	0.50%
Sub-Total: Retail Transmission			0.53			0.54	0.01	2.08%	1.18%	1.16%
Sub-Total: Delivery (based on two-tier RPP prices)			35.47			39.37	3.89	10.97%	85.58%	84.68%
Sub-Total: Delivery (based on TOU prices)			35.52			39.41	3.89	10.95%	85.68%	84.78%
Wholesale Market Service Rate	55	0.0044	0.24	55	0.0044	0.24	0.00	0.00%	0.53%	0.52%
Rural Rate Protection Charge	55	0.0013	0.07	55	0.0013	0.07	0.00	0.00%	0.16%	0.15%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.54%	0.54%
Sub-Total: Regulatory			0.56			0.56	0.00	0.00%	1.23%	1.21%
Debt Retirement Charge (DRC)	50	0.007	0.35	50	0.007	0.35	0.00	0.00%	0.76%	0.75%
Total Bill on Two-Tier RPP (before Taxes)			41.34			45.23	3.89	9.41%	98.33%	
HST		0.13	5.37		0.13	5.88	0.51	9.41%	12.78%	
Total Bill (including HST)			46.71			51.11	4.40	9.41%	111.11%	
Ontario Clean Energy Benefit (OCEB)		-0.10	-4.67		-0.10	-5.11	-0.44	9.41%	-11.11%	
Total Bill on Two-Tier RPP (including OCEB)			42.04			46.00	3.96	9.41%	100.00%	
Total Bill on TOU (before Taxes)			41.82			45.71	3.89	9.30%		98.33%
HST		0.13	5.44		0.13	5.94	0.51	9.30%	12.78%	
Total Bill (including HST)			47.25			51.65	4.40	9.30%		111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-4.73		-0.10	-5.17	-0.44	9.30%	-11.11%	
Total Bill on TOU (including OCEB)			42.53			46.49	3.96	9.30%		100.00%

2016 Bill Impacts (Low Consumption Level)

Rate Class	Seasonal
Monthly Consumption (kWh)	400
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	441.6
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	0.099	39.60	400	0.099	39.60	0.00	0.00%	33.07%	
Energy Second Tier (kWh)	0	0.116	0.00	0	0.116	0.00	0.00	0.00%	0.00%	
Sub-Total: Energy (RPP)			39.60			39.60	0.00	0.00%	33.07%	
TOU-Off Peak	256	0.083	21.25	256	0.083	21.25	0.00	0.00%		17.18%
TOU-Mid Peak	72	0.128	9.22	72	0.128	9.22	0.00	0.00%		7.45%
TOU-On Peak	72	0.175	12.60	72	0.175	12.60	0.00	0.00%		10.19%
Sub-Total: Energy (TOU)			43.06			43.06	0.00	0.00%	35.96%	34.83%
Service Charge	1	28.62	28.62	1	33.02	33.02	4.40	15.37%	27.57%	26.71%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.16	1.16	1	0.81	0.81	-0.35	-30.17%	0.68%	0.66%
Distribution Volumetric Rate	400	0.0764	30.56	400	0.0733	29.32	-1.24	-4.06%	24.48%	23.71%
Volumetric Deferral/Variance Account Rider	400	0.0008	0.32	400	0.0005	0.20	-0.12	-37.50%	0.17%	0.16%
Sub-Total: Distribution (excluding pass through)			60.66			63.35	2.69	4.43%	52.90%	51.24%
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)	42	0.10	4.12	42	0.10	4.12	0.00	0.00%	3.44%	3.33%
Line Losses on Cost of Power (based on TOU prices)	42	0.11	4.48	42	0.11	4.48	0.00	0.00%	3.74%	3.62%
Sub-Total: Distribution (based on two-tier RPP prices)			65.57			68.26	2.69	4.10%	57.00%	55.21%
Sub-Total: Distribution (based on TOU prices)			65.93			68.62	2.69	4.08%	57.30%	55.50%
Retail Transmission Rate – Network Service Rate	442	0.0054	2.38	442	0.0056	2.47	0.09	3.70%	2.07%	2.00%
Retail Transmission Rate – Line and Transformation Connection \$	442	0.0042	1.85	442	0.0042	1.85	0.00	0.00%	1.55%	1.50%
Sub-Total: Retail Transmission			4.24			4.33	0.09	2.08%	3.61%	3.50%
Sub-Total: Delivery (based on two-tier RPP prices)			69.81			72.59	2.78	3.98%	60.61%	58.71%
Sub-Total: Delivery (based on TOU prices)			70.17			72.95	2.78	3.96%	60.91%	59.00%
Wholesale Market Service Rate	442	0.0044	1.94	442	0.0044	1.94	0.00	0.00%	1.62%	1.57%
Rural Rate Protection Charge	442	0.0013	0.57	442	0.0013	0.57	0.00	0.00%	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%	0.21%	0.20%
Sub-Total: Regulatory			2.77			2.77	0.00	0.00%	2.31%	2.24%
Debt Retirement Charge (DRC)	400	0.007	2.80	400	0.007	2.80	0.00	0.00%	2.34%	2.26%
Total Bill on Two-Tier RPP (before Taxes)			114.97			117.75	2.78	2.42%	98.33%	
HST		0.13	14.95		0.13	15.31	0.36	2.42%	12.78%	
Total Bill (including HST)			129.92			133.06	3.14	2.42%	111.11%	
Ontario Clean Energy Benefit (OCEB)		-0.10	-12.99		-0.10	-13.31	-0.31	2.42%	-11.11%	
Total Bill on Two-Tier RPP (including OCEB)			116.93			119.76	2.83	2.42%	100.00%	
Total Bill on TOU (before Taxes)			118.80			121.58	2.78	2.34%		98.33%
HST		0.13	15.44		0.13	15.81	0.36	2.34%		12.78%
Total Bill (including HST)			134.24			137.38	3.14	2.34%		111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-13.42		-0.10	-13.74	-0.31	2.34%		-11.11%
Total Bill on TOU (including OCEB)			120.82			123.64	2.83	2.34%		100.00%

2016 Bill Impacts (High Consumption Level)

Rate Class	Seasonal
Monthly Consumption (kWh)	1100
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1214.4
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)	600	0.099	59.40	600	0.099	59.40	0.00	0.00%	21.38%	
Energy Second Tier (kWh)	500	0.116	58.00	500	0.116	58.00	0.00	0.00%	20.87%	
Sub-Total: Energy (RPP)			117.40			117.40	0.00	0.00%	42.25%	
TOU-Off Peak	704	0.083	58.43	704	0.083	58.43	0.00	0.00%		21.02%
TOU-Mid Peak	198	0.128	25.34	198	0.128	25.34	0.00	0.00%		9.12%
TOU-On Peak	198	0.175	34.65	198	0.175	34.65	0.00	0.00%		12.47%
Sub-Total: Energy (TOU)			118.43			118.43	0.00	0.00%	42.62%	42.61%
Service Charge	1	28.62	28.62	1	33.02	33.02	4.40	15.37%	11.88%	11.88%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.16	1.16	1	0.81	0.81	-0.35	-30.17%	0.29%	0.29%
Distribution Volumetric Rate	1,100	0.0764	84.04	1,100	0.0733	80.63	-3.41	-4.06%	29.02%	29.01%
Volumetric Deferral/Variance Account Rider	1,100	0.0008	0.88	1,100	0.0005	0.55	-0.33	-37.50%	0.20%	0.20%
Sub-Total: Distribution (excluding pass through)			114.70			115.01	0.31	0.27%	41.39%	41.38%
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.28%	0.28%
Line Losses on Cost of Power (based on two-tier RPP prices)	114	0.12	13.27	114	0.12	13.27	0.00	0.00%	4.78%	4.77%
Line Losses on Cost of Power (based on TOU prices)	114	0.11	12.32	114	0.11	12.32	0.00	0.00%	4.43%	4.43%
Sub-Total: Distribution (based on two-tier RPP prices)			128.76			129.07	0.31	0.24%	46.45%	46.43%
Sub-Total: Distribution (based on TOU prices)			127.81			128.12	0.31	0.24%	46.10%	46.09%
Retail Transmission Rate – Network Service Rate	1,214	0.0054	6.56	1,214	0.0056	6.80	0.24	3.70%	2.45%	2.45%
Retail Transmission Rate – Line and Transformation Connection \$	1,214	0.0042	5.10	1,214	0.0042	5.10	0.00	0.00%	1.84%	1.83%
Sub-Total: Retail Transmission			11.66			11.90	0.24	2.08%	4.28%	4.28%
Sub-Total: Delivery (based on two-tier RPP prices)			140.42			140.97	0.55	0.39%	50.73%	50.72%
Sub-Total: Delivery (based on TOU prices)			139.46			140.02	0.55	0.40%	50.39%	50.37%
Wholesale Market Service Rate	1,214	0.0044	5.34	1,214	0.0044	5.34	0.00	0.00%	1.92%	1.92%
Rural Rate Protection Charge	1,214	0.0013	1.58	1,214	0.0013	1.58	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%	0.09%	0.09%
Sub-Total: Regulatory			7.17			7.17	0.00	0.00%	2.58%	2.58%
Debt Retirement Charge (DRC)	1,100	0.007	7.70	1,100	0.007	7.70	0.00	0.00%	2.77%	2.77%
Total Bill on Two-Tier RPP (before Taxes)			272.69			273.24	0.55	0.20%	98.33%	
HST		0.13	35.45		0.13	35.52	0.07	0.20%	12.78%	
Total Bill (including HST)			308.14			308.77	0.62	0.20%	111.11%	
Ontario Clean Energy Benefit (OCEB)		-0.10	-30.81		-0.10	-30.88	-0.06	0.20%	-11.11%	
Total Bill on Two-Tier RPP (including OCEB)			277.33			277.89	0.56	0.20%	100.00%	
Total Bill on TOU (before Taxes)			272.76			273.32	0.55	0.20%		98.33%
HST		0.13	35.46		0.13	35.53	0.07	0.20%		12.78%
Total Bill (including HST)			308.22			308.85	0.62	0.20%		111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-30.82		-0.10	-30.88	-0.06	0.20%		-11.11%
Total Bill on TOU (including OCEB)			277.40			277.96	0.56	0.20%		100.00%

2016 Bill Impacts (Low Consumption Level)

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

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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	0.099	74.25	750	0.099	74.25	0.00	0.00%	39.75%	
Energy Second Tier (kWh)	250	0.116	29.00	250	0.116	29.00	0.00	0.00%	15.53%	
Sub-Total: Energy (RPP)			103.25			103.25	0.00	0.00%	55.28%	
TOU-Off Peak	640	0.083	53.12	640	0.083	53.12	0.00	0.00%		27.86%
TOU-Mid Peak	180	0.128	23.04	180	0.128	23.04	0.00	0.00%		12.08%
TOU-On Peak	180	0.175	31.50	180	0.175	31.50	0.00	0.00%		16.52%
Sub-Total: Energy (TOU)			107.66			107.66	0.00	0.00%	57.64%	56.46%
Service Charge	1	20.05	20.05	1	22.28	22.28	2.23	11.12%	11.93%	11.68%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.97	0.97	1	0.66	0.66	-0.31	-31.96%	0.35%	0.35%
Distribution Volumetric Rate	1,000	0.0228	22.80	1,000	0.0252	25.20	2.40	10.53%	13.49%	13.22%
Volumetric Deferral/Variance Account Rider	1,000	-0.0003	-0.30	1,000	-0.0002	-0.20	0.10	-33.33%	-0.11%	-0.10%
Sub-Total: Distribution (excluding pass through)			43.52			47.94	4.42	10.16%	25.67%	25.14%
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.42%	0.41%
Line Losses on Cost of Power (based on two-tier RPP prices)	67	0.12	7.77	67	0.12	7.77	0.00	0.00%	4.16%	4.08%
Line Losses on Cost of Power (based on TOU prices)	67	0.11	7.21	67	0.11	7.21	0.00	0.00%	3.86%	3.78%
Sub-Total: Distribution (based on two-tier RPP prices)			52.08			56.50	4.42	8.49%	30.25%	29.63%
Sub-Total: Distribution (based on TOU prices)			51.52			55.94	4.42	8.58%	29.95%	29.34%
Retail Transmission Rate – Network Service Rate	1,067	0.0062	6.62	1,067	0.0061	6.51	-0.11	-1.61%	3.48%	3.41%
Retail Transmission Rate – Line and Transformation Connection \$	1,067	0.0039	4.16	1,067	0.0038	4.05	-0.11	-2.56%	2.17%	2.13%
Sub-Total: Retail Transmission			10.78			10.56	-0.21	-1.98%	5.66%	5.54%
Sub-Total: Delivery (based on two-tier RPP prices)			62.86			67.07	4.21	6.69%	35.91%	35.17%
Sub-Total: Delivery (based on TOU prices)			62.30			66.51	4.21	6.75%	35.61%	34.88%
Wholesale Market Service Rate	1,067	0.0044	4.69	1,067	0.0044	4.69	0.00	0.00%	2.51%	2.46%
Rural Rate Protection Charge	1,067	0.0013	1.39	1,067	0.0013	1.39	0.00	0.00%	0.74%	0.73%
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%
Sub-Total: Regulatory			6.33			6.33	0.00	0.00%	3.39%	3.32%
Debt Retirement Charge (DRC)	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	3.75%	3.67%
Total Bill on Two-Tier RPP (before Taxes)			179.44			183.65	4.21	2.34%	98.33%	
HST		0.13	23.33		0.13	23.87	0.55	2.34%	12.78%	
Total Bill (including HST)			202.77			207.52	4.75	2.34%	111.11%	
Ontario Clean Energy Benefit (OCEB)		-0.10	-20.28		-0.10	-20.75	-0.48	2.34%	-11.11%	
Total Bill on Two-Tier RPP (including OCEB)			182.49			186.77	4.28	2.34%	100.00%	
Total Bill on TOU (before Taxes)			183.29			187.50	4.21	2.30%		98.33%
HST		0.13	23.83		0.13	24.37	0.55	2.30%	12.78%	
Total Bill (including HST)			207.12			211.87	4.75	2.30%		111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-20.71		-0.10	-21.19	-0.48	2.30%	-11.11%	
Total Bill on TOU (including OCEB)			186.41			190.69	4.28	2.30%		100.00%

2016 Bill Impacts (Typical Consumption Level)

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

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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	0.099	74.25	750	0.099	74.25	0.00	0.00%	20.50%	
Energy Second Tier (kWh)	1,250	0.116	145.00	1,250	0.116	145.00	0.00	0.00%	40.04%	
Sub-Total: Energy (RPP)			219.25			219.25	0.00	0.00%	60.55%	
TOU-Off Peak	1,280	0.083	106.24	1,280	0.083	106.24	0.00	0.00%		29.76%
TOU-Mid Peak	360	0.128	46.08	360	0.128	46.08	0.00	0.00%		12.91%
TOU-On Peak	360	0.175	63.00	360	0.175	63.00	0.00	0.00%		17.65%
Sub-Total: Energy (TOU)			215.32			215.32	0.00	0.00%	59.46%	60.32%
Service Charge	1	20.05	20.05	1	22.28	22.28	2.23	11.12%	6.15%	6.24%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.97	0.97	1	0.66	0.66	-0.31	-31.96%	0.18%	0.18%
Distribution Volumetric Rate	2,000	0.0228	45.60	2,000	0.0252	50.40	4.80	10.53%	13.92%	14.12%
Volumetric Deferral/Variance Account Rider	2,000	-0.0003	-0.60	2,000	-0.0002	-0.40	0.20	-33.33%	-0.11%	-0.11%
Sub-Total: Distribution (excluding pass through)			66.02			72.94	6.92	10.48%	20.14%	20.43%
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)	134	0.12	15.54	134	0.12	15.54	0.00	0.00%	4.29%	4.35%
Line Losses on Cost of Power (based on TOU prices)	134	0.11	14.43	134	0.11	14.43	0.00	0.00%	3.98%	4.04%
Sub-Total: Distribution (based on two-tier RPP prices)			82.35			89.27	6.92	8.40%	24.65%	25.01%
Sub-Total: Distribution (based on TOU prices)			81.24			88.16	6.92	8.52%	24.34%	24.69%
Retail Transmission Rate – Network Service Rate	2,134	0.0062	13.23	2,134	0.0061	13.02	-0.21	-1.61%	3.59%	3.65%
Retail Transmission Rate – Line and Transformation Connection \$	2,134	0.0039	8.32	2,134	0.0038	8.11	-0.21	-2.56%	2.24%	2.27%
Sub-Total: Retail Transmission			21.55			21.13	-0.43	-1.98%	5.83%	5.92%
Sub-Total: Delivery (based on two-tier RPP prices)			103.91			110.40	6.49	6.25%	30.49%	30.93%
Sub-Total: Delivery (based on TOU prices)			102.79			109.28	6.49	6.32%	30.18%	30.61%
Wholesale Market Service Rate	2,134	0.0044	9.39	2,134	0.0044	9.39	0.00	0.00%	2.59%	2.63%
Rural Rate Protection Charge	2,134	0.0013	2.77	2,134	0.0013	2.77	0.00	0.00%	0.77%	0.78%
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%
Sub-Total: Regulatory			12.41			12.41	0.00	0.00%	3.43%	3.48%
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	3.87%	3.92%
Total Bill on Two-Tier RPP (before Taxes)			349.57			356.06	6.49	1.86%	98.33%	
HST		0.13	45.44		0.13	46.29	0.84	1.86%	12.78%	
Total Bill (including HST)			395.02			402.35	7.34	1.86%	111.11%	
Ontario Clean Energy Benefit (OCEB)		-0.10	-39.50		-0.10	-40.24	-0.73	1.86%	-11.11%	
Total Bill on Two-Tier RPP (including OCEB)			355.51			362.12	6.60	1.86%	100.00%	
Total Bill on TOU (before Taxes)			344.52			351.02	6.49	1.88%		98.33%
HST		0.13	44.79		0.13	45.63	0.84	1.88%		12.78%
Total Bill (including HST)			389.31			396.65	7.34	1.88%		111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-38.93		-0.10	-39.66	-0.73	1.88%		-11.11%
Total Bill on TOU (including OCEB)			350.38			356.98	6.60	1.88%		100.00%

2016 Bill Impacts (High Consumption Level)

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

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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	0.099	74.25	750	0.099	74.25	0.00	0.00%	2.58%	
Energy Second Tier (kWh)	14,250	0.116	1,653.00	14,250	0.116	1,653.00	0.00	0.00%	57.49%	
Sub-Total: Energy (RPP)			1,727.25			1,727.25	0.00	0.00%	60.07%	
TOU-Off Peak	9,600	0.083	796.80	9,600	0.083	796.80	0.00	0.00%		29.07%
TOU-Mid Peak	2,700	0.128	345.60	2,700	0.128	345.60	0.00	0.00%		12.61%
TOU-On Peak	2,700	0.175	472.50	2,700	0.175	472.50	0.00	0.00%		17.24%
Sub-Total: Energy (TOU)			1,614.90			1,614.90	0.00	0.00%	56.16%	58.93%
Service Charge	1	20.05	20.05	1	22.28	22.28	2.23	11.12%	0.77%	0.81%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.97	0.97	1	0.66	0.66	-0.31	-31.96%	0.02%	0.02%
Distribution Volumetric Rate	15,000	0.0228	342.00	15,000	0.0252	378.00	36.00	10.53%	13.15%	13.79%
Volumetric Deferral/Variance Account Rider	15,000	-0.0003	-4.50	15,000	-0.0002	-3.00	1.50	-33.33%	-0.10%	-0.11%
Sub-Total: Distribution (excluding pass through)			358.52			397.94	39.42	11.00%	13.84%	14.52%
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	116.58	1,005	0.12	116.58	0.00	0.00%	4.05%	4.25%
Line Losses on Cost of Power (based on TOU prices)	1,005	0.11	108.20	1,005	0.11	108.20	0.00	0.00%	3.76%	3.95%
Sub-Total: Distribution (based on two-tier RPP prices)			475.89			515.31	39.42	8.28%	17.92%	18.80%
Sub-Total: Distribution (based on TOU prices)			467.51			506.93	39.42	8.43%	17.63%	18.50%
Retail Transmission Rate – Network Service Rate	16,005	0.0062	99.23	16,005	0.0061	97.63	-1.60	-1.61%	3.40%	3.56%
Retail Transmission Rate – Line and Transformation Connection	16,005	0.0039	62.42	16,005	0.0038	60.82	-1.60	-2.56%	2.12%	2.22%
Sub-Total: Retail Transmission			161.65			158.45	-3.20	-1.98%	5.51%	5.78%
Sub-Total: Delivery (based on two-tier RPP prices)			637.54			673.76	36.22	5.68%	23.43%	24.58%
Sub-Total: Delivery (based on TOU prices)			629.16			665.38	36.22	5.76%	23.14%	24.28%
Wholesale Market Service Rate	16,005	0.0044	70.42	16,005	0.0044	70.42	0.00	0.00%	2.45%	2.57%
Rural Rate Protection Charge	16,005	0.0013	20.81	16,005	0.0013	20.81	0.00	0.00%	0.72%	0.76%
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%
Sub-Total: Regulatory			91.48			91.48	0.00	0.00%	3.18%	3.34%
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.65%	3.83%
Total Bill on Two-Tier RPP (before Taxes)			2,561.27			2,597.49	36.22	1.41%	90.33%	
HST		0.13	332.96		0.13	337.67	4.71	1.41%	11.74%	
Total Bill (including HST)			2,894.23			2,935.16	40.93	1.41%	102.08%	
Ontario Clean Energy Benefit (OCEB)		-0.10	-58.73		-0.10	-59.72	-0.99	1.69%	-2.08%	
Total Bill on Two-Tier RPP (including OCEB)			2,835.51			2,875.44	39.94	1.41%	100.00%	
Total Bill on TOU (before Taxes)			2,440.54			2,476.76	36.22	1.48%		90.37%
HST		0.13	317.27		0.13	321.98	4.71	1.48%		11.75%
Total Bill (including HST)			2,757.81			2,798.73	40.93	1.48%		102.12%
Ontario Clean Energy Benefit (OCEB)		-0.10	-57.15		-0.10	-58.14	-0.99	1.74%		-2.12%
Total Bill on TOU (including OCEB)			2,700.66			2,740.59	39.94	1.48%		100.00%

2016 Bill Impacts (Low Consumption Level)

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

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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	0.099	74.25	750	0.099	74.25	0.00	0.00%	32.59%	
Energy Second Tier (kWh)	250	0.116	29.00	250	0.116	29.00	0.00	0.00%	12.73%	
Sub-Total: Energy (RPP)			103.25			103.25	0.00	0.00%	45.32%	
TOU-Off Peak	640	0.083	53.12	640	0.083	53.12	0.00	0.00%		22.94%
TOU-Mid Peak	180	0.128	23.04	180	0.128	23.04	0.00	0.00%		9.95%
TOU-On Peak	180	0.175	31.50	180	0.175	31.50	0.00	0.00%		13.61%
Sub-Total: Energy (TOU)			107.66			107.66	0.00	0.00%	47.25%	46.50%
Service Charge	1	26.35	26.35	1	27.94	27.94	1.59	6.03%	12.26%	12.07%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.11	1.11	1	0.73	0.73	-0.38	-34.23%	0.32%	0.32%
Distribution Volumetric Rate	1,000	0.0532	53.20	1,000	0.0563	56.30	3.10	5.83%	24.71%	24.32%
Volumetric Deferral/Variance Account Rider	1,000	0.0003	0.30	1,000	0.0002	0.20	-0.10	-33.33%	0.09%	0.09%
Sub-Total: Distribution (excluding pass through)			80.96			85.17	4.21	5.20%	37.38%	36.79%
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.35%	0.34%
Line Losses on Cost of Power (based on two-tier RPP prices)	96	0.12	11.14	96	0.12	11.14	0.00	0.00%	4.89%	4.81%
Line Losses on Cost of Power (based on TOU prices)	96	0.11	10.34	96	0.11	10.34	0.00	0.00%	4.54%	4.46%
Sub-Total: Distribution (based on two-tier RPP prices)			92.89			97.10	4.21	4.53%	42.62%	41.94%
Sub-Total: Distribution (based on TOU prices)			92.09			96.30	4.21	4.57%	42.26%	41.59%
Retail Transmission Rate – Network Service Rate	1,096	0.0057	6.25	1,096	0.0057	6.25	0.00	0.00%	2.74%	2.70%
Retail Transmission Rate – Line and Transformation Connection \$	1,096	0.0037	4.06	1,096	0.0036	3.95	-0.11	-2.70%	1.73%	1.70%
Sub-Total: Retail Transmission			10.30			10.19	-0.11	-1.06%	4.47%	4.40%
Sub-Total: Delivery (based on two-tier RPP prices)			103.19			107.29	4.10	3.97%	47.09%	46.34%
Sub-Total: Delivery (based on TOU prices)			102.39			106.49	4.10	4.00%	46.74%	46.00%
Wholesale Market Service Rate	1,096	0.0044	4.82	1,096	0.0044	4.82	0.00	0.00%	2.12%	2.08%
Rural Rate Protection Charge	1,096	0.0013	1.42	1,096	0.0013	1.42	0.00	0.00%	0.63%	0.62%
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%
Sub-Total: Regulatory			6.50			6.50	0.00	0.00%	2.85%	2.81%
Debt Retirement Charge (DRC)	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	3.07%	3.02%
Total Bill on Two-Tier RPP (before Taxes)			219.94			224.04	4.10	1.86%	98.33%	
HST		0.13	28.59		0.13	29.12	0.53	1.86%		
Total Bill (including HST)			248.53			253.16	4.63	1.86%	111.11%	
Ontario Clean Energy Benefit (OCEB)		-0.10	-24.85		-0.10	-25.32	-0.46	1.86%	-11.11%	
Total Bill on Two-Tier RPP (including OCEB)			223.67			227.84	4.17	1.86%	100.00%	
Total Bill on TOU (before Taxes)			223.54			227.65	4.10	1.83%		98.33%
HST		0.13	29.06		0.13	29.59	0.53	1.83%		12.78%
Total Bill (including HST)			252.61			257.24	4.63	1.83%		111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-25.26		-0.10	-25.72	-0.46	1.83%	-11.11%	
Total Bill on TOU (including OCEB)			227.35			231.52	4.17	1.83%		100.00%

2016 Bill Impacts (Typical Consumption Level)

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

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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	0.099	74.25	750	0.099	74.25	0.00	0.00%	16.94%	
Energy Second Tier (kWh)	1,250	0.116	145.00	1,250	0.116	145.00	0.00	0.00%	33.07%	
Sub-Total: Energy (RPP)			219.25			219.25	0.00	0.00%	50.01%	
TOU-Off Peak	1,280	0.083	106.24	1,280	0.083	106.24	0.00	0.00%		24.55%
TOU-Mid Peak	360	0.128	46.08	360	0.128	46.08	0.00	0.00%		10.65%
TOU-On Peak	360	0.175	63.00	360	0.175	63.00	0.00	0.00%		14.56%
Sub-Total: Energy (TOU)			215.32			215.32	0.00	0.00%	49.11%	49.75%
Service Charge	1	26.35	26.35	1	27.94	27.94	1.59	6.03%	6.37%	6.46%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.11	1.11	1	0.73	0.73	-0.38	-34.23%	0.17%	0.17%
Distribution Volumetric Rate	2,000	0.0532	106.40	2,000	0.0563	112.60	6.20	5.83%	25.68%	26.02%
Volumetric Deferral/Variance Account Rider	2,000	0.0003	0.60	2,000	0.0002	0.40	-0.20	-33.33%	0.09%	0.09%
Sub-Total: Distribution (excluding pass through)			134.46			141.67	7.21	5.36%	32.31%	32.73%
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.18%	0.18%
Line Losses on Cost of Power (based on two-tier RPP prices)	192	0.12	22.27	192	0.12	22.27	0.00	0.00%	5.08%	5.15%
Line Losses on Cost of Power (based on TOU prices)	192	0.11	20.67	192	0.11	20.67	0.00	0.00%	4.71%	4.78%
Sub-Total: Distribution (based on two-tier RPP prices)			157.52			164.73	7.21	4.58%	37.57%	38.06%
Sub-Total: Distribution (based on TOU prices)			155.92			163.13	7.21	4.62%	37.21%	37.69%
Retail Transmission Rate – Network Service Rate	2,192	0.0057	12.49	2,192	0.0057	12.49	0.00	0.00%	2.85%	2.89%
Retail Transmission Rate – Line and Transformation Connection \$	2,192	0.0037	8.11	2,192	0.0036	7.89	-0.22	-2.70%	1.80%	1.82%
Sub-Total: Retail Transmission			20.60			20.39	-0.22	-1.06%	4.65%	4.71%
Sub-Total: Delivery (based on two-tier RPP prices)			178.13			185.12	6.99	3.92%	42.22%	42.77%
Sub-Total: Delivery (based on TOU prices)			176.53			183.52	6.99	3.96%	41.86%	42.40%
Wholesale Market Service Rate	2,192	0.0044	9.64	2,192	0.0044	9.64	0.00	0.00%	2.20%	2.23%
Rural Rate Protection Charge	2,192	0.0013	2.85	2,192	0.0013	2.85	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%	0.06%	0.06%
Sub-Total: Regulatory			12.74			12.74	0.00	0.00%	2.91%	2.94%
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	3.19%	3.23%
Total Bill on Two-Tier RPP (before Taxes)			424.12			431.11	6.99	1.65%	98.33%	
HST		0.13	55.14		0.13	56.04	0.91	1.65%	12.78%	
Total Bill (including HST)			479.26			487.16	7.90	1.65%	111.11%	
Ontario Clean Energy Benefit (OCEB)		-0.10	-47.93		-0.10	-48.72	-0.79	1.65%	-11.11%	
Total Bill on Two-Tier RPP (including OCEB)			431.33			438.44	7.11	1.65%	100.00%	
Total Bill on TOU (before Taxes)			418.59			425.58	6.99	1.67%		98.33%
HST		0.13	54.42		0.13	55.33	0.91	1.67%		12.78%
Total Bill (including HST)			473.01			480.91	7.90	1.67%		111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-47.30		-0.10	-48.09	-0.79	1.67%		-11.11%
Total Bill on TOU (including OCEB)			425.71			432.82	7.11	1.67%		100.00%

2016 Bill Impacts (High Consumption Level)

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

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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	0.099	74.25	750	0.099	74.25	0.00	0.00%	2.15%	
Energy Second Tier (kWh)	14,250	0.116	1,653.00	14,250	0.116	1,653.00	0.00	0.00%	47.82%	
Sub-Total: Energy (RPP)			1,727.25			1,727.25	0.00	0.00%	49.96%	
TOU-Off Peak	9,600	0.083	796.80	9,600	0.083	796.80	0.00	0.00%		24.01%
TOU-Mid Peak	2,700	0.128	345.60	2,700	0.128	345.60	0.00	0.00%		10.42%
TOU-On Peak	2,700	0.175	472.50	2,700	0.175	472.50	0.00	0.00%		14.24%
Sub-Total: Energy (TOU)			1,614.90			1,614.90	0.00	0.00%	46.71%	48.67%
Service Charge	1	26.35	26.35	1	27.94	27.94	1.59	6.03%	0.81%	0.84%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.11	1.11	1	0.73	0.73	-0.38	-34.23%	0.02%	0.02%
Distribution Volumetric Rate	15,000	0.0532	798.00	15,000	0.0563	844.50	46.50	5.83%	24.43%	25.45%
Volumetric Deferral/Variance Account Rider	15,000	0.0003	4.50	15,000	0.0002	3.00	-1.50	-33.33%	0.09%	0.09%
Sub-Total: Distribution (excluding pass through)			829.96			876.17	46.21	5.57%	25.34%	26.41%
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	167.04	1,440	0.12	167.04	0.00	0.00%	4.83%	5.03%
Line Losses on Cost of Power (based on TOU prices)	1,440	0.11	155.03	1,440	0.11	155.03	0.00	0.00%	4.48%	4.67%
Sub-Total: Distribution (based on two-tier RPP prices)			997.79			1,044.00	46.21	4.63%	30.20%	31.46%
Sub-Total: Distribution (based on TOU prices)			985.78			1,031.99	46.21	4.69%	29.85%	31.10%
Retail Transmission Rate – Network Service Rate	16,440	0.0057	93.71	16,440	0.0057	93.71	0.00	0.00%	2.71%	2.82%
Retail Transmission Rate – Line and Transformation Connection	16,440	0.0037	60.83	16,440	0.0036	59.18	-1.64	-2.70%	1.71%	1.78%
Sub-Total: Retail Transmission			154.54			152.89	-1.64	-1.06%	4.42%	4.61%
Sub-Total: Delivery (based on two-tier RPP prices)			1,152.33			1,196.89	44.57	3.87%	34.62%	36.07%
Sub-Total: Delivery (based on TOU prices)			1,140.32			1,184.88	44.57	3.91%	34.27%	35.71%
Wholesale Market Service Rate	16,440	0.0044	72.34	16,440	0.0044	72.34	0.00	0.00%	2.09%	2.18%
Rural Rate Protection Charge	16,440	0.0013	21.37	16,440	0.0013	21.37	0.00	0.00%	0.62%	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%
Sub-Total: Regulatory			93.96			93.96	0.00	0.00%	2.72%	2.83%
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.04%	3.16%
Total Bill on Two-Tier RPP (before Taxes)			3,078.53			3,123.10	44.57	1.45%	90.34%	
HST		0.13	400.21		0.13	406.00	5.79	1.45%	11.74%	
Total Bill (including HST)			3,478.74			3,529.10	50.36	1.45%	102.09%	
Ontario Clean Energy Benefit (OCEB)		-0.10	-71.00		-0.10	-72.12	-1.12	1.57%	-2.09%	
Total Bill on Two-Tier RPP (including OCEB)			3,407.74			3,456.99	49.24	1.45%	100.00%	
Total Bill on TOU (before Taxes)			2,954.17			2,998.74	44.57	1.51%		90.37%
HST		0.13	384.04		0.13	389.84	5.79	1.51%		11.75%
Total Bill (including HST)			3,338.22			3,388.58	50.36	1.51%		102.12%
Ontario Clean Energy Benefit (OCEB)		-0.10	-69.34		-0.10	-70.46	-1.12	1.61%		-2.12%
Total Bill on TOU (including OCEB)			3,268.88			3,318.12	49.24	1.51%		100.00%

2016 Bill Impacts (Low Consumption Level)

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,750	0.099	1,559.25	15,750	0.099	1,559.25	0.00	0.00%	54.05%
Energy Second Tier (kWh)	0	0.116	0.00	0	0.116	0.00	0.00	0.00%	0.00%
Sub-Total: Energy (RPP)			1,559.25			1,559.25	0.00	0.00%	54.05%
Service Charge	1	78.74	78.74	1	88.26	88.26	9.52	12.09%	3.06%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.96	1.96	1	1.36	1.36	-0.60	-30.61%	0.05%
Distribution Volumetric Rate	60	7.5435	452.61	60	8.5146	510.88	58.27	12.87%	17.71%
Volumetric Deferral/Variance Account Rider	60	-0.1121	-6.73	60	-0.0691	-4.15	2.58	-38.36%	-0.14%
Sub-Total: Distribution			526.58			596.35	69.77	13.25%	20.67%
Retail Transmission Rate – Network Service Rate	60	2.0188	121.13	60	2.045	122.70	1.57	1.30%	4.25%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.2909	77.45	60	1.3278	79.67	2.21	2.86%	2.76%
Sub-Total: Retail Transmission			198.58			202.37	3.79	1.91%	7.01%
Sub-Total: Delivery			725.17			798.72	73.55	10.14%	27.69%
Wholesale Market Service Rate	15,750	0.0044	69.30	15,750	0.0044	69.30	0.00	0.00%	2.40%
Rural Rate Protection Charge	15,750	0.0013	20.48	15,750	0.0013	20.48	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%	0.01%
Sub-Total: Regulatory			90.03			90.03	0.00	0.00%	3.12%
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.64%
Total Bill on Two-Tier RPP (before Taxes)			2,479.44			2,552.99	73.55	2.97%	88.50%
HST		0.13	322.33		0.13	331.89	9.56	2.97%	11.50%
Total Bill (including HST)			2,801.77			2,884.88	83.11	2.97%	100.00%
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
Total Bill on Two-Tier RPP (including OCEB)			2,801.77			2,884.88	83.11	2.97%	100.00%

2016 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	0.099	3,638.25	36,750	0.099	3,638.25	0.00	0.00%	57.49%
Energy Second Tier (kWh)	0	0.116	0.00	0	0.116	0.00	0.00	0.00%	0.00%
Sub-Total: Energy (RPP)			3,638.25			3,638.25	0.00	0.00%	57.49%
Service Charge	1	78.74	78.74	1	88.26	88.26	9.52	12.09%	1.39%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.96	1.96	1	1.36	1.36	-0.60	-30.61%	0.02%
Distribution Volumetric Rate	120	7.5435	905.22	120	8.5146	1,021.75	116.53	12.87%	16.14%
Volumetric Deferral/Variance Account Rider	120	-0.1121	-13.45	120	-0.0691	-8.29	5.16	-38.36%	-0.13%
Sub-Total: Distribution			972.47			1,103.08	130.61	13.43%	17.43%
Retail Transmission Rate – Network Service Rate	120	2.0188	242.26	120	2.045	245.40	3.14	1.30%	3.88%
Retail Transmission Rate – Line and Transformation Connection Service Rate	120	1.2909	154.91	120	1.3278	159.34	4.43	2.86%	2.52%
Sub-Total: Retail Transmission			397.16			404.74	7.57	1.91%	6.40%
Sub-Total: Delivery			1,369.63			1,507.82	138.18	10.09%	23.82%
Wholesale Market Service Rate	36,750	0.0044	161.70	36,750	0.0044	161.70	0.00	0.00%	2.55%
Rural Rate Protection Charge	36,750	0.0013	47.78	36,750	0.0013	47.78	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%
Sub-Total: Regulatory			209.73			209.73	0.00	0.00%	3.31%
Debt Retirement Charge (DRC)	35,000	0.007	245.00	35,000	0.007	245.00	0.00	0.00%	3.87%
Total Bill on Two-Tier RPP (before Taxes)			5,462.61			5,600.79	138.18	2.53%	88.50%
HST		0.13	710.14		0.13	728.10	17.96	2.53%	11.50%
Total Bill (including HST)			6,172.75			6,328.89	156.15	2.53%	100.00%
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
Total Bill on Two-Tier RPP (including OCEB)			6,172.75			6,328.89	156.15	2.53%	100.00%

2016 Bill Impacts (High Consumption Level)

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	183,750	0.099	18,191.25	183,750	0.099	18,191.25	0.00	0.00%	60.83%
Energy Second Tier (kWh)	0	0.116	0.00	0	0.116	0.00	0.00	0.00%	0.00%
Sub-Total: Energy (RPP)			18,191.25			18,191.25	0.00	0.00%	60.83%
Service Charge	1	78.74	78.74	1	88.26	88.26	9.52	12.09%	0.30%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.96	1.96	1	1.36	1.36	-0.60	-30.61%	0.00%
Distribution Volumetric Rate	500	7.5435	3,771.75	500	8.5146	4,257.30	485.55	12.87%	14.24%
Volumetric Deferral/Variance Account Rider	500	-0.1121	-56.05	500	-0.0691	-34.55	21.50	-38.36%	-0.12%
Sub-Total: Distribution			3,796.40			4,312.37	515.97	13.59%	14.42%
Retail Transmission Rate – Network Service Rate	500	2.0188	1,009.40	500	2.045	1,022.50	13.10	1.30%	3.42%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.2909	645.45	500	1.3278	663.90	18.45	2.86%	2.22%
Sub-Total: Retail Transmission			1,654.85			1,686.40	31.55	1.91%	5.64%
Sub-Total: Delivery			5,451.25			5,998.77	547.52	10.04%	20.06%
Wholesale Market Service Rate	183,750	0.0044	808.50	183,750	0.0044	808.50	0.00	0.00%	2.70%
Rural Rate Protection Charge	183,750	0.0013	238.88	183,750	0.0013	238.88	0.00	0.00%	0.80%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
Sub-Total: Regulatory			1,047.63			1,047.63	0.00	0.00%	3.50%
Debt Retirement Charge (DRC)	175,000	0.007	1,225.00	175,000	0.007	1,225.00	0.00	0.00%	4.10%
Total Bill on Two-Tier RPP (before Taxes)			25,915.13			26,462.65	547.52	2.11%	88.50%
HST		0.13	3,368.97		0.13	3,440.14	71.18	2.11%	11.50%
Total Bill (including HST)			29,284.09			29,902.79	618.70	2.11%	100.00%
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
Total Bill on Two-Tier RPP (including OCEB)			29,284.09			29,902.79	618.70	2.11%	100.00%

2016 Bill Impacts (Low Consumption Level)

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,915	0.099	1,575.59	15,915	0.099	1,575.59	0.00	0.00%	47.80%
Energy Second Tier (kWh)	0	0.116	0.00	0	0.116	0.00	0.00	0.00%	0.00%
Sub-Total: Energy (RPP)			1,575.59			1,575.59	0.00	0.00%	47.80%
Service Charge	1	74.99	74.99	1	84.35	84.35	9.36	12.48%	2.56%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.88	1.88	1	1.32	1.32	-0.56	-29.79%	0.04%
Distribution Volumetric Rate	60	13.0657	783.94	60	14.8802	892.81	108.87	13.89%	27.09%
Volumetric Deferral/Variance Account Rider	60	0.0275	1.65	60	0.031	1.85	0.20	12.36%	0.06%
Sub-Total: Distribution			862.46			980.34	117.87	13.67%	29.74%
Retail Transmission Rate – Network Service Rate	60	1.6321	97.93	60	1.6583	99.50	1.57	1.61%	3.02%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.0515	63.09	60	1.0912	65.47	2.38	3.78%	1.99%
Sub-Total: Retail Transmission			161.02			164.97	3.95	2.46%	5.01%
Sub-Total: Delivery			1,023.48			1,145.31	121.83	11.90%	34.75%
Wholesale Market Service Rate	15,915	0.0044	70.03	15,915	0.0044	70.03	0.00	0.00%	2.12%
Rural Rate Protection Charge	15,915	0.0013	20.69	15,915	0.0013	20.69	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%	0.01%
Sub-Total: Regulatory			90.97			90.97	0.00	0.00%	2.76%
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.19%
Total Bill on Two-Tier RPP (before Taxes)			2,795.03			2,916.86	121.83	4.36%	88.50%
HST		0.13	363.35		0.13	379.19	15.84	4.36%	11.50%
Total Bill (including HST)			3,158.38			3,296.05	137.67	4.36%	100.00%
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
Total Bill on Two-Tier RPP (including OCEB)			3,158.38			3,296.05	137.67	4.36%	100.00%

2016 Bill Impacts (Typical Consumption Level)

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	37,135	0.099	3,676.37	37,135	0.099	3,676.37	0.00	0.00%	51.33%
Energy Second Tier (kWh)	0	0.116	0.00	0	0.116	0.00	0.00	0.00%	0.00%
Sub-Total: Energy (RPP)			3,676.37			3,676.37	0.00	0.00%	51.33%
Service Charge	1	74.99	74.99	1	84.35	84.35	9.36	12.48%	1.18%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.88	1.88	1	1.32	1.32	-0.56	-29.79%	0.02%
Distribution Volumetric Rate	120	13.0657	1,567.88	120	14.8802	1,785.62	217.74	13.89%	24.93%
Volumetric Deferral/Variance Account Rider	120	0.0275	3.30	120	0.0309	3.71	0.41	12.36%	0.05%
Sub-Total: Distribution			1,648.05			1,875.00	226.95	13.77%	26.18%
Retail Transmission Rate – Network Service Rate	120	1.6321	195.85	120	1.6583	199.00	3.14	1.61%	2.78%
Retail Transmission Rate – Line and Transformation Connection Service Rate	120	1.0515	126.18	120	1.0912	130.94	4.76	3.78%	1.83%
Sub-Total: Retail Transmission			322.03			329.94	7.91	2.46%	4.61%
Sub-Total: Delivery			1,970.09			2,204.94	234.86	11.92%	30.79%
Wholesale Market Service Rate	37,135	0.0044	163.39	37,135	0.0044	163.39	0.00	0.00%	2.28%
Rural Rate Protection Charge	37,135	0.0013	48.28	37,135	0.0013	48.28	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%
Sub-Total: Regulatory			211.92			211.92	0.00	0.00%	2.96%
Debt Retirement Charge (DRC)	35,000	0.007	245.00	35,000	0.007	245.00	0.00	0.00%	3.42%
Total Bill on Two-Tier RPP (before Taxes)			6,103.37			6,338.23	234.86	3.85%	88.50%
HST		0.13	793.44		0.13	823.97	30.53	3.85%	11.50%
Total Bill (including HST)			6,896.81			7,162.20	265.39	3.85%	100.00%
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
Total Bill on Two-Tier RPP (including OCEB)			6,896.81			7,162.20	265.39	3.85%	100.00%

2016 Bill Impacts (High Consumption Level)

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	185,675	0.099	18,381.83	185,675	0.099	18,381.83	0.00	0.00%	54.99%
Energy Second Tier (kWh)	0	0.116	0.00	0	0.116	0.00	0.00	0.00%	0.00%
Sub-Total: Energy (RPP)			18,381.83			18,381.83	0.00	0.00%	54.99%
Service Charge	1	74.99	74.99	1	84.35	84.35	9.36	12.48%	0.25%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.88	1.88	1	1.32	1.32	-0.56	-29.79%	0.00%
Distribution Volumetric Rate	500	13.0657	6,532.85	500	14.8802	7,440.10	907.25	13.89%	22.26%
Volumetric Deferral/Variance Account Rider	500	0.0275	13.75	500	0.0309	15.45	1.70	12.36%	0.05%
Sub-Total: Distribution			6,623.47			7,541.22	917.75	13.86%	22.56%
Retail Transmission Rate – Network Service Rate	500	1.6321	816.05	500	1.6583	829.15	13.10	1.61%	2.48%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.0515	525.75	500	1.0912	545.60	19.85	3.78%	1.63%
Sub-Total: Retail Transmission			1,341.80			1,374.75	32.95	2.46%	4.11%
Sub-Total: Delivery			7,965.27			8,915.97	950.70	11.94%	26.67%
Wholesale Market Service Rate	185,675	0.0044	816.97	185,675	0.0044	816.97	0.00	0.00%	2.44%
Rural Rate Protection Charge	185,675	0.0013	241.38	185,675	0.0013	241.38	0.00	0.00%	0.72%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
Sub-Total: Regulatory			1,058.60			1,058.60	0.00	0.00%	3.17%
Debt Retirement Charge (DRC)	175,000	0.007	1,225.00	175,000	0.007	1,225.00	0.00	0.00%	3.66%
Total Bill on Two-Tier RPP (before Taxes)			28,630.69			29,581.39	950.70	3.32%	88.50%
HST		0.13	3,721.99		0.13	3,845.58	123.59	3.32%	11.50%
Total Bill (including HST)			32,352.68			33,426.97	1,074.29	3.32%	100.00%
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
Total Bill on Two-Tier RPP (including OCEB)			32,352.68			33,426.97	1,074.29	3.32%	100.00%

2016 Bill Impacts (Low Consumption Level)

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	318	0.099	31.51	318	0.099	31.51	0.00	0.00%	12.25%
Energy Second Tier (kWh)	0	0.116	0.00	0	0.116	0.00	0.00	0.00%	0.00%
Sub-Total: Energy (RPP)			31.51			31.51	0.00	0.00%	12.25%
Service Charge	1	73.55	73.55	1	120.39	120.39	46.84	63.68%	46.80%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	4.62	4.62	1	2.27	2.27	-2.35	-50.87%	0.88%
Distribution Volumetric Rate	10	5.951	59.51	10	5.951	59.51	0.00	0.00%	23.13%
Volumetric Deferral/Variance Account Rider	10	0.0461	0.46	10	0.0481	0.48	0.02	4.34%	0.19%
Sub-Total: Distribution			138.14			182.65	44.51	32.22%	71.00%
Retail Transmission Rate – Network Service Rate	10	0.5457	5.46	10	0.5672	5.67	0.22	3.94%	2.20%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10	0.3517	3.52	10	0.3663	3.66	0.15	4.15%	1.42%
Sub-Total: Retail Transmission			8.97			9.34	0.36	4.02%	3.63%
Sub-Total: Delivery			147.12			191.99	44.87	30.50%	74.63%
Wholesale Market Service Rate	318	0.0044	1.40	318	0.0044	1.40	0.00	0.00%	0.54%
Rural Rate Protection Charge	318	0.0013	0.41	318	0.0013	0.41	0.00	0.00%	0.16%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%
Sub-Total: Regulatory			2.06			2.06	0.00	0.00%	0.80%
Debt Retirement Charge (DRC)	300	0.007	2.10	300	0.007	2.10	0.00	0.00%	0.82%
Total Bill on Two-Tier RPP (before Taxes)			182.79			227.66	44.87	24.55%	88.50%
HST		0.13	23.76		0.13	29.60	5.83	24.55%	11.50%
Total Bill (including HST)			206.55			257.26	50.70	24.55%	100.00%
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
Total Bill on Two-Tier RPP (including OCEB)			206.55			257.26	50.70	24.55%	100.00%

2016 Bill Impacts (Typical Consumption Level)

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	2,122	0.099	210.08	2,122	0.099	210.08	0.00	0.00%	37.35%
Energy Second Tier (kWh)	0	0.116	0.00	0	0.116	0.00	0.00	0.00%	0.00%
Sub-Total: Energy (RPP)			210.08			210.08	0.00	0.00%	37.35%
Service Charge	1	73.55	73.55	1	120.39	120.39	46.84	63.68%	21.40%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	4.62	4.62	1	2.27	2.27	-2.35	-50.87%	0.40%
Distribution Volumetric Rate	20	5.951	119.02	20	5.951	119.02	0.00	0.00%	21.16%
Volumetric Deferral/Variance Account Rider	20	0.0461	0.92	20	0.0481	0.96	0.04	4.34%	0.17%
Sub-Total: Distribution			198.11			242.64	44.53	22.48%	43.14%
Retail Transmission Rate – Network Service Rate	20	0.5457	10.91	20	0.5672	11.34	0.43	3.94%	2.02%
Retail Transmission Rate – Line and Transformation Connection Service Rate	20	0.3517	7.03	20	0.3663	7.33	0.29	4.15%	1.30%
Sub-Total: Retail Transmission			17.95			18.67	0.72	4.02%	3.32%
Sub-Total: Delivery			216.06			261.31	45.25	20.94%	46.46%
Wholesale Market Service Rate	2,122	0.0044	9.34	2,122	0.0044	9.34	0.00	0.00%	1.66%
Rural Rate Protection Charge	2,122	0.0013	2.76	2,122	0.0013	2.76	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%	0.04%
Sub-Total: Regulatory			12.35			12.35	0.00	0.00%	2.19%
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	2.49%
Total Bill on Two-Tier RPP (before Taxes)			452.48			497.74	45.25	10.00%	88.50%
HST		0.13	58.82		0.13	64.71	5.88	10.00%	11.50%
Total Bill (including HST)			511.31			562.44	51.13	10.00%	100.00%
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
Total Bill on Two-Tier RPP (including OCEB)			511.31			562.44	51.13	10.00%	100.00%

2016 Bill Impacts (High Consumption Level)

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	5,305	0.099	525.20	5,305	0.099	525.20	0.00	0.00%	33.04%
Energy Second Tier (kWh)	0	0.116	0.00	0	0.116	0.00	0.00	0.00%	0.00%
Sub-Total: Energy (RPP)			525.20			525.20	0.00	0.00%	33.04%
Service Charge	1	73.55	73.55	1	120.39	120.39	46.84	63.68%	7.57%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	4.62	4.62	1	2.27	2.27	-2.35	-50.87%	0.14%
Distribution Volumetric Rate	100	5.951	595.10	100	5.951	595.10	0.00	0.00%	37.44%
Volumetric Deferral/Variance Account Rider	100	0.0461	4.61	100	0.0481	4.81	0.20	4.34%	0.30%
Sub-Total: Distribution			677.88			722.57	44.69	6.59%	45.46%
Retail Transmission Rate – Network Service Rate	100	0.5457	54.57	100	0.5672	56.72	2.15	3.94%	3.57%
Retail Transmission Rate – Line and Transformation Connection Service Rate	100	0.3517	35.17	100	0.3663	36.63	1.46	4.15%	2.30%
Sub-Total: Retail Transmission			89.74			93.35	3.61	4.02%	5.87%
Sub-Total: Delivery			767.62			815.92	48.30	6.29%	51.33%
Wholesale Market Service Rate	5,305	0.0044	23.34	5,305	0.0044	23.34	0.00	0.00%	1.47%
Rural Rate Protection Charge	5,305	0.0013	6.90	5,305	0.0013	6.90	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%	0.02%
Sub-Total: Regulatory			30.49			30.49	0.00	0.00%	1.92%
Debt Retirement Charge (DRC)	5,000	0.007	35.00	5,000	0.007	35.00	0.00	0.00%	2.20%
Total Bill on Two-Tier RPP (before Taxes)			1,358.30			1,406.60	48.30	3.56%	88.50%
HST		0.13	176.58		0.13	182.86	6.28	3.56%	11.50%
Total Bill (including HST)			1,534.88			1,589.46	54.58	3.56%	100.00%
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
Total Bill on Two-Tier RPP (including OCEB)			1,534.88			1,589.46	54.58	3.56%	100.00%

2016 Bill Impacts (Low Consumption Level)

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	206,800	0.099	20,473.20	206,800	0.099	20,473.20	0.00	0.00%	64.53%
Energy Second Tier (kWh)	0	0.116	0.00	0	0.116	0.00	0.00	0.00%	0.00%
Sub-Total: Energy (RPP)			20,473.20			20,473.20	0.00	0.00%	64.53%
Service Charge	1	1095.05	1,095.05	1	1222.62	1,222.62	127.57	11.65%	3.85%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	16.6	16.60	1	11.62	11.62	-4.98	-30.00%	0.04%
Distribution Volumetric Rate	500	1.022	511.00	500	1.174	587.00	76.00	14.87%	1.85%
Volumetric Deferral/Variance Account Rider	500	0.4723	236.15	500	0.3151	157.55	-78.60	-33.28%	0.50%
Sub-Total: Distribution			1,858.80			1,978.79	119.99	6.46%	6.24%
Retail Transmission Rate – Network Service Rate	500	3.5281	1,764.05	500	3.4531	1,726.55	-37.50	-2.13%	5.44%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	2.6777	1,338.85	500	2.6371	1,318.55	-20.30	-1.52%	4.16%
Sub-Total: Retail Transmission			3,102.90			3,045.10	-57.80	-1.86%	9.60%
Sub-Total: Delivery			4,961.70			5,023.89	62.19	1.25%	15.84%
Wholesale Market Service Rate	206,800	0.0044	909.92	206,800	0.0044	909.92	0.00	0.00%	2.87%
Rural Rate Protection Charge	206,800	0.0013	268.84	206,800	0.0013	268.84	0.00	0.00%	0.85%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
Sub-Total: Regulatory			1,179.01			1,179.01	0.00	0.00%	3.72%
Debt Retirement Charge (DRC)	200,000	0.007	1,400.00	200,000	0.007	1,400.00	0.00	0.00%	4.41%
Total Bill on Two-Tier RPP (before Taxes)			28,013.91			28,076.10	62.19	0.22%	88.50%
HST		0.13	3,641.81		0.13	3,649.89	8.08	0.22%	11.50%
Total Bill (including HST)			31,655.72			31,725.99	70.27	0.22%	100.00%
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
Total Bill on Two-Tier RPP (including OCEB)			31,655.72			31,725.99	70.27	0.22%	100.00%

2016 Bill Impacts (Typical Consumption Level)

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	517,000	0.099	51,183.00	517,000	0.099	51,183.00	0.00	0.00%	68.17%
Energy Second Tier (kWh)	0	0.116	0.00	0	0.116	0.00	0.00	0.00%	0.00%
Sub-Total: Energy (RPP)			51,183.00			51,183.00	0.00	0.00%	68.17%
Service Charge	1	1095.05	1,095.05	1	1222.62	1,222.62	127.57	11.65%	1.63%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	16.6	16.60	1	11.62	11.62	-4.98	-30.00%	0.02%
Distribution Volumetric Rate	1,000	1.022	1,022.00	1,000	1.174	1,174.00	152.00	14.87%	1.56%
Volumetric Deferral/Variance Account Rider	1,000	0.4723	472.30	1,000	0.3151	315.10	-157.20	-33.28%	0.42%
Sub-Total: Distribution			2,605.95			2,723.34	117.39	4.50%	3.63%
Retail Transmission Rate – Network Service Rate	1,000	3.5281	3,528.10	1,000	3.4531	3,453.10	-75.00	-2.13%	4.60%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,000	2.6777	2,677.70	1,000	2.6371	2,637.10	-40.60	-1.52%	3.51%
Sub-Total: Retail Transmission			6,205.80			6,090.20	-115.60	-1.86%	8.11%
Sub-Total: Delivery			8,811.75			8,813.54	1.79	0.02%	11.74%
Wholesale Market Service Rate	517,000	0.0044	2,274.80	517,000	0.0044	2,274.80	0.00	0.00%	3.03%
Rural Rate Protection Charge	517,000	0.0013	672.10	517,000	0.0013	672.10	0.00	0.00%	0.90%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
Sub-Total: Regulatory			2,947.15			2,947.15	0.00	0.00%	3.93%
Debt Retirement Charge (DRC)	500,000	0.007	3,500.00	500,000	0.007	3,500.00	0.00	0.00%	4.66%
Total Bill on Two-Tier RPP (before Taxes)			66,441.90			66,443.69	1.79	0.00%	88.50%
HST		0.13	8,637.45		0.13	8,637.68	0.23	0.00%	11.50%
Total Bill (including HST)			75,079.35			75,081.37	2.02	0.00%	100.00%
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
Total Bill on Two-Tier RPP (including OCEB)			75,079.35			75,081.37	2.02	0.00%	100.00%

2016 Bill Impacts (High Consumption Level)

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	4,136,000	0.099	409,464.00	4,136,000	0.099	409,464.00	0.00	0.00%	67.34%
Energy Second Tier (kWh)	0	0.116	0.00	0	0.116	0.00	0.00	0.00%	0.00%
Sub-Total: Energy (RPP)			409,464.00			409,464.00	0.00	0.00%	67.34%
Service Charge	1	1095.05	1,095.05	1	1222.62	1,222.62	127.57	11.65%	0.20%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	16.6	16.60	1	11.62	11.62	-4.98	-30.00%	0.00%
Distribution Volumetric Rate	10,000	1.022	10,220.00	10,000	1.174	11,740.00	1,520.00	14.87%	1.93%
Volumetric Deferral/Variance Account Rider	10,000	0.4723	4,723.00	10,000	0.3151	3,151.00	-1,572.00	-33.28%	0.52%
Sub-Total: Distribution			16,054.65			16,125.24	70.59	0.44%	2.65%
Retail Transmission Rate – Network Service Rate	10,000	3.5281	35,281.00	10,000	3.4531	34,531.00	-750.00	-2.13%	5.68%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,000	2.6777	26,777.00	10,000	2.6371	26,371.00	-406.00	-1.52%	4.34%
Sub-Total: Retail Transmission			62,058.00			60,902.00	-1,156.00	-1.86%	10.02%
Sub-Total: Delivery			78,112.65			77,027.24	-1,085.41	-1.39%	12.67%
Wholesale Market Service Rate	4,136,000	0.0044	18,198.40	4,136,000	0.0044	18,198.40	0.00	0.00%	2.99%
Rural Rate Protection Charge	4,136,000	0.0013	5,376.80	4,136,000	0.0013	5,376.80	0.00	0.00%	0.88%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
Sub-Total: Regulatory			23,575.45			23,575.45	0.00	0.00%	3.88%
Debt Retirement Charge (DRC)	4,000,000	0.007	28,000.00	4,000,000	0.007	28,000.00	0.00	0.00%	4.61%
Total Bill on Two-Tier RPP (before Taxes)			539,152.10			538,066.69	-1,085.41	-0.20%	88.50%
HST		0.13	70,089.77		0.13	69,948.67	-141.10	-0.20%	11.50%
Total Bill (including HST)			609,241.87			608,015.36	-1,226.51	-0.20%	100.00%
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
Total Bill on Two-Tier RPP (including OCEB)			609,241.87			608,015.36	-1,226.51	-0.20%	100.00%

2016 Bill Impacts (Low Consumption Level)

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

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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)	100	0.099	9.90	100	0.099	9.90	0.00	0.00%	18.07%
Energy Second Tier (kWh)	0	0.116	0.00	0	0.116	0.00	0.00	0.00%	0.00%
Sub-Total: Energy (RPP)			9.90			9.90	0.00	0.00%	18.07%
Service Charge	1	36.79	36.79	1	37.07	37.07	0.28	0.76%	67.65%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.85	0.85	1	0.54	0.54	-0.31	-36.47%	0.99%
Distribution Volumetric Rate	100	0.0308	3.08	100	0.0305	3.05	-0.03	-0.97%	5.57%
Volumetric Deferral/Variance Account Rider	100	0.0000	0.00	100	0	0.00	0.00	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			40.88			40.66	-0.22	-0.54%	74.20%
Line Losses on Cost of Power	9	0.10	0.91	9	0.10	0.91	0.00	0.00%	1.66%
Sub-Total: Distribution			41.79			41.57	-0.22	-0.53%	75.86%
Retail Transmission Rate – Network Service Rate	109	0.0046	0.50	109	0.0046	0.50	0.00	0.00%	0.92%
Retail Transmission Rate – Line and Transformation Connection	109	0.0031	0.34	109	0.0031	0.34	0.00	0.00%	0.62%
Sub-Total: Retail Transmission			0.84			0.84	0.00	0.00%	1.53%
Sub-Total: Delivery			42.63			42.41	-0.22	-0.52%	77.39%
Wholesale Market Service Rate	109	0.0044	0.48	109	0.0044	0.48	0.00	0.00%	0.88%
Rural Rate Protection Charge	109	0.0013	0.14	109	0.0013	0.14	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%	0.46%
Sub-Total: Regulatory			0.87			0.87	0.00	0.00%	1.59%
Debt Retirement Charge (DRC)	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	1.28%
Total Bill on Two-Tier RPP (before Taxes)			54.11			53.88	-0.22	-0.41%	98.33%
HST		0.13	7.03		0.13	7.00	-0.03	-0.41%	12.78%
Total Bill (including HST)			61.14			60.89	-0.25	-0.41%	111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-6.11		-0.10	-6.09	0.02	-0.41%	-11.11%
Total Bill on Two-Tier RPP (including OCEB)			55.02			54.80	-0.22	-0.41%	100.00%

2016 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	0.099	49.50	500	0.099	49.50	0.00	0.00%	41.25%
Energy Second Tier (kWh)	0	0.116	0.00	0	0.116	0.00	0.00	0.00%	0.00%
Sub-Total: Energy (RPP)			49.50			49.50	0.00	0.00%	41.25%
Service Charge	1	36.79	36.79	1	37.07	37.07	0.28	0.76%	30.90%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.85	0.85	1	0.54	0.54	-0.31	-36.47%	0.45%
Distribution Volumetric Rate	500	0.0308	15.40	500	0.0305	15.25	-0.15	-0.97%	12.71%
Volumetric Deferral/Variance Account Rider	500	0.0000	0.00	500	0	0.00	0.00	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			53.20			52.86	-0.34	-0.64%	44.06%
Line Losses on Cost of Power	46	0.10	4.55	46	0.10	4.55	0.00	0.00%	3.80%
Sub-Total: Distribution			57.76			57.41	-0.34	-0.59%	47.85%
Retail Transmission Rate – Network Service Rate	546	0.0046	2.51	546	0.0046	2.51	0.00	0.00%	2.09%
Retail Transmission Rate – Line and Transformation Connection	546	0.0031	1.69	546	0.0031	1.69	0.00	0.00%	1.41%
Sub-Total: Retail Transmission			4.20			4.20	0.00	0.00%	3.50%
Sub-Total: Delivery			61.96			61.62	-0.34	-0.55%	51.35%
Wholesale Market Service Rate	546	0.0044	2.40	546	0.0044	2.40	0.00	0.00%	2.00%
Rural Rate Protection Charge	546	0.0013	0.71	546	0.0013	0.71	0.00	0.00%	0.59%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.21%
Sub-Total: Regulatory			3.36			3.36	0.00	0.00%	2.80%
Debt Retirement Charge (DRC)	500	0.007	3.50	500	0.007	3.50	0.00	0.00%	2.92%
Total Bill on Two-Tier RPP (before Taxes)			118.32			117.98	-0.34	-0.29%	98.33%
HST		0.13	15.38		0.13	15.34	-0.04	-0.29%	12.78%
Total Bill (including HST)			133.70			133.32	-0.39	-0.29%	111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-13.37		-0.10	-13.33	0.04	-0.29%	-11.11%
Total Bill on Two-Tier RPP (including OCEB)			120.33			119.99	-0.35	-0.29%	100.00%

2016 Bill Impacts (High Consumption Level)

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

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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)	750	0.099	74.25	750	0.099	74.25	0.00	0.00%	35.80%
Energy Second Tier (kWh)	250	0.116	29.00	250	0.116	29.00	0.00	0.00%	13.98%
Sub-Total: Energy (RPP)			103.25			103.25	0.00	0.00%	49.79%
Service Charge	1	36.79	36.79	1	37.07	37.07	0.28	0.76%	17.88%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.85	0.85	1	0.54	0.54	-0.31	-36.47%	0.26%
Distribution Volumetric Rate	1,000	0.0308	30.80	1,000	0.0305	30.50	-0.30	-0.97%	14.71%
Volumetric Deferral/Variance Account Rider	1,000	0.0000	0.00	1,000	0	0.00	0.00	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			68.60			68.11	-0.49	-0.72%	32.84%
Line Losses on Cost of Power	92	0.12	10.67	92	0.12	10.67	0.00	0.00%	5.15%
Sub-Total: Distribution			79.27			78.78	-0.49	-0.62%	37.99%
Retail Transmission Rate – Network Service Rate	1,092	0.0046	5.02	1,092	0.0046	5.02	0.00	0.00%	2.42%
Retail Transmission Rate – Line and Transformation Connection \$	1,092	0.0031	3.39	1,092	0.0031	3.39	0.00	0.00%	1.63%
Sub-Total: Retail Transmission			8.41			8.41	0.00	0.00%	4.05%
Sub-Total: Delivery			87.68			87.19	-0.49	-0.56%	42.04%
Wholesale Market Service Rate	1,092	0.0044	4.80	1,092	0.0044	4.80	0.00	0.00%	2.32%
Rural Rate Protection Charge	1,092	0.0013	1.42	1,092	0.0013	1.42	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%	0.12%
Sub-Total: Regulatory			6.47			6.47	0.00	0.00%	3.12%
Debt Retirement Charge (DRC)	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	3.38%
Total Bill on Two-Tier RPP (before Taxes)			204.41			203.91	-0.49	-0.24%	98.33%
HST		0.13	26.57		0.13	26.51	-0.06	-0.24%	12.78%
Total Bill (including HST)			230.98			230.42	-0.55	-0.24%	111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-23.10		-0.10	-23.04	0.06	-0.24%	-11.11%
Total Bill on Two-Tier RPP (including OCEB)			207.88			207.38	-0.50	-0.24%	100.00%

2016 Bill Impacts (Low Consumption Level)

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

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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)	20	0.099	1.98	20	0.099	1.98	0.00	0.00%	24.81%
Energy Second Tier (kWh)	0	0.116	0.00	0	0.116	0.00	0.00	0.00%	0.00%
Sub-Total: Energy (RPP)			1.98			1.98	0.00	0.00%	24.81%
Service Charge	1	2.32	2.32	1	2.64	2.64	0.32	13.79%	33.08%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.08	0.08	1	0.05	0.05	-0.03	-37.50%	0.63%
Distribution Volumetric Rate	20	0.1034	2.07	20	0.1153	2.31	0.24	11.51%	28.89%
Volumetric Deferral/Variance Account Rider	20	0.0012	0.02	20	0.0009	0.02	-0.01	-25.00%	0.23%
Sub-Total: Distribution (excluding pass through)			4.65			5.01	0.36	7.76%	62.82%
Line Losses on Cost of Power	2	0.10	0.18	2	0.10	0.18	0.00	0.00%	2.28%
Sub-Total: Distribution			4.84			5.20	0.36	7.47%	65.10%
Retail Transmission Rate – Network Service Rate	22	0.0039	0.09	22	0.0039	0.09	0.00	0.00%	1.07%
Retail Transmission Rate – Line and Transformation Connection \$	22	0.0038	0.08	22	0.0033	0.07	-0.01	-13.16%	0.90%
Sub-Total: Retail Transmission			0.17			0.16	-0.01	-6.49%	1.97%
Sub-Total: Delivery			5.00			5.35	0.35	7.00%	67.07%
Wholesale Market Service Rate	22	0.0044	0.10	22	0.0044	0.10	0.00	0.00%	1.20%
Rural Rate Protection Charge	22	0.0013	0.03	22	0.0013	0.03	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%	3.13%
Sub-Total: Regulatory			0.37			0.37	0.00	0.00%	4.69%
Debt Retirement Charge (DRC)	20	0.007	0.14	20	0.007	0.14	0.00	0.00%	1.75%
Total Bill on Two-Tier RPP (before Taxes)			7.50			7.85	0.35	4.67%	98.33%
HST		0.13	0.97		0.13	1.02	0.05	4.67%	12.78%
Total Bill (including HST)			8.47			8.87	0.40	4.67%	111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-0.85		-0.10	-0.89	-0.04	4.67%	-11.11%
Total Bill on Two-Tier RPP (including OCEB)			7.63			7.98	0.36	4.67%	100.00%

2016 Bill Impacts (Typical Consumption Level)

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

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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)	50	0.099	4.95	50	0.099	4.95	0.00	0.00%	32.00%
Energy Second Tier (kWh)	0	0.116	0.00	0	0.116	0.00	0.00	0.00%	0.00%
Sub-Total: Energy (RPP)			4.95			4.95	0.00	0.00%	32.00%
Service Charge	1	2.32	2.32	1	2.64	2.64	0.32	13.79%	17.07%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.08	0.08	1	0.05	0.05	-0.03	-37.50%	0.32%
Distribution Volumetric Rate	50	0.1034	5.17	50	0.1153	5.77	0.60	11.51%	37.27%
Volumetric Deferral/Variance Account Rider	50	0.0012	0.06	50	0.0009	0.05	-0.02	-25.00%	0.29%
Sub-Total: Distribution (excluding pass through)			7.79			8.50	0.71	9.10%	54.95%
Line Losses on Cost of Power	5	0.10	0.46	5	0.10	0.46	0.00	0.00%	2.94%
Sub-Total: Distribution			8.25			8.96	0.71	8.60%	57.90%
Retail Transmission Rate – Network Service Rate	55	0.0039	0.21	55	0.0039	0.21	0.00	0.00%	1.38%
Retail Transmission Rate – Line and Transformation Connection \$	55	0.0038	0.21	55	0.0033	0.18	-0.03	-13.16%	1.16%
Sub-Total: Retail Transmission			0.42			0.39	-0.03	-6.49%	2.54%
Sub-Total: Delivery			8.67			9.35	0.68	7.87%	60.44%
Wholesale Market Service Rate	55	0.0044	0.24	55	0.0044	0.24	0.00	0.00%	1.55%
Rural Rate Protection Charge	55	0.0013	0.07	55	0.0013	0.07	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%	1.62%
Sub-Total: Regulatory			0.56			0.56	0.00	0.00%	3.63%
Debt Retirement Charge (DRC)	50	0.007	0.35	50	0.007	0.35	0.00	0.00%	2.26%
Total Bill on Two-Tier RPP (before Taxes)			14.53			15.21	0.68	4.69%	98.33%
HST		0.13	1.89		0.13	1.98	0.09	4.69%	12.78%
Total Bill (including HST)			16.42			17.19	0.77	4.69%	111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-1.64		-0.10	-1.72	-0.08	4.69%	-11.11%
Total Bill on Two-Tier RPP (including OCEB)			14.78			15.47	0.69	4.69%	100.00%

2016 Bill Impacts (High Consumption Level)

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

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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)	200	0.099	19.80	200	0.099	19.80	0.00	0.00%	37.43%
Energy Second Tier (kWh)	0	0.116	0.00	0	0.116	0.00	0.00	0.00%	0.00%
Sub-Total: Energy (RPP)			19.80			19.80	0.00	0.00%	37.43%
Service Charge	1	2.32	2.32	1	2.64	2.64	0.32	13.79%	4.99%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.08	0.08	1	0.05	0.05	-0.03	-37.50%	0.09%
Distribution Volumetric Rate	200	0.1034	20.68	200	0.1153	23.06	2.38	11.51%	43.59%
Volumetric Deferral/Variance Account Rider	200	0.0012	0.24	200	0.0009	0.18	-0.06	-25.00%	0.34%
Sub-Total: Distribution (excluding pass through)			23.48			25.93	2.45	10.43%	49.01%
Line Losses on Cost of Power	18	0.10	1.82	18	0.10	1.82	0.00	0.00%	3.44%
Sub-Total: Distribution			25.30			27.75	2.45	9.68%	52.46%
Retail Transmission Rate – Network Service Rate	218	0.0039	0.85	218	0.0039	0.85	0.00	0.00%	1.61%
Retail Transmission Rate – Line and Transformation Connection \$	218	0.0038	0.83	218	0.0033	0.72	-0.11	-13.16%	1.36%
Sub-Total: Retail Transmission			1.68			1.57	-0.11	-6.49%	2.97%
Sub-Total: Delivery			26.98			29.32	2.34	8.67%	55.43%
Wholesale Market Service Rate	218	0.0044	0.96	218	0.0044	0.96	0.00	0.00%	1.82%
Rural Rate Protection Charge	218	0.0013	0.28	218	0.0013	0.28	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%	0.47%
Sub-Total: Regulatory			1.49			1.49	0.00	0.00%	2.83%
Debt Retirement Charge (DRC)	200	0.007	1.40	200	0.007	1.40	0.00	0.00%	2.65%
Total Bill on Two-Tier RPP (before Taxes)			49.68			52.02	2.34	4.71%	98.33%
HST		0.13	6.46		0.13	6.76	0.30	4.71%	12.78%
Total Bill (including HST)			56.14			58.78	2.64	4.71%	111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-5.61		-0.10	-5.88	-0.26	4.71%	-11.11%
Total Bill on Two-Tier RPP (including OCEB)			50.52			52.90	2.38	4.71%	100.00%

2016 Bill Impacts (Low Consumption Level)

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

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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)	100	0.099	9.90	100	0.099	9.90	0.00	0.00%	36.51%
Energy Second Tier (kWh)	0	0.116	0.00	0	0.116	0.00	0.00	0.00%	0.00%
Sub-Total: Energy (RPP)			9.90			9.90	0.00	0.00%	36.51%
Service Charge	1	3.82	3.82	1	4.23	4.23	0.41	10.73%	15.60%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.11	0.11	1	0.08	0.08	-0.03	-27.27%	0.30%
Distribution Volumetric Rate	100	0.0827	8.27	100	0.0911	9.11	0.84	10.16%	33.60%
Volumetric Deferral/Variance Account Rider	100	0.0009	0.09	100	0.0007	0.07	-0.02	-22.22%	0.26%
Sub-Total: Distribution (excluding pass through)			12.45			13.49	1.04	8.34%	49.76%
Line Losses on Cost of Power	9	0.10	0.91	9	0.10	0.91	0.00	0.00%	3.36%
Sub-Total: Distribution			13.36			14.40	1.04	7.78%	53.11%
Retail Transmission Rate – Network Service Rate	109	0.0039	0.43	109	0.0039	0.43	0.00	0.00%	1.57%
Retail Transmission Rate – Line and Transformation Connection \$	109	0.0038	0.41	109	0.0033	0.36	-0.05	-13.16%	1.33%
Sub-Total: Retail Transmission			0.84			0.79	-0.05	-6.49%	2.90%
Sub-Total: Delivery			14.20			15.19	0.98	6.93%	56.01%
Wholesale Market Service Rate	109	0.0044	0.48	109	0.0044	0.48	0.00	0.00%	1.77%
Rural Rate Protection Charge	109	0.0013	0.14	109	0.0013	0.14	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%	0.92%
Sub-Total: Regulatory			0.87			0.87	0.00	0.00%	3.22%
Debt Retirement Charge (DRC)	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	2.58%
Total Bill on Two-Tier RPP (before Taxes)			25.68			26.66	0.98	3.83%	98.33%
HST		0.13	3.34		0.13	3.47	0.13	3.83%	12.78%
Total Bill (including HST)			29.01			30.13	1.11	3.83%	111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-2.90		-0.10	-3.01	-0.11	3.83%	-11.11%
Total Bill on Two-Tier RPP (including OCEB)			26.11			27.11	1.00	3.83%	100.00%

2016 Bill Impacts (Typical Consumption Level)

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

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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	0.099	49.50	500	0.099	49.50	0.00	0.00%	42.30%
Energy Second Tier (kWh)	0	0.116	0.00	0	0.116	0.00	0.00	0.00%	0.00%
Sub-Total: Energy (RPP)			49.50			49.50	0.00	0.00%	42.30%
Service Charge	1	3.82	3.82	1	4.23	4.23	0.41	10.73%	3.61%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.08	0.08	0.08	0.00%	0.07%
Distribution Volumetric Rate	500	0.0827	41.35	500	0.0911	45.55	4.20	10.16%	38.93%
Volumetric Deferral/Variance Account Rider	500	0.0009	0.45	500	0.0007	0.35	-0.10	-22.22%	0.30%
Sub-Total: Distribution (excluding pass through)			45.78			50.21	4.43	9.67%	42.91%
Line Losses on Cost of Power	46	0.10	4.55	46	0.10	4.55	0.00	0.00%	3.89%
Sub-Total: Distribution			50.34			54.76	4.43	8.80%	46.80%
Retail Transmission Rate – Network Service Rate	546	0.0039	2.13	546	0.0039	2.13	0.00	0.00%	1.82%
Retail Transmission Rate – Line and Transformation Connection	546	0.0038	2.07	546	0.0033	1.80	-0.27	-13.16%	1.54%
Sub-Total: Retail Transmission			4.20			3.93	-0.27	-6.49%	3.36%
Sub-Total: Delivery			54.54			58.70	4.16	7.62%	50.16%
Wholesale Market Service Rate	546	0.0044	2.40	546	0.0044	2.40	0.00	0.00%	2.05%
Rural Rate Protection Charge	546	0.0013	0.71	546	0.0013	0.71	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%	0.21%
Sub-Total: Regulatory			3.36			3.36	0.00	0.00%	2.87%
Debt Retirement Charge (DRC)	500	0.007	3.50	500	0.007	3.50	0.00	0.00%	2.99%
Total Bill on Two-Tier RPP (before Taxes)			110.90			115.06	4.16	3.75%	98.33%
HST		0.13	14.42		0.13	14.96	0.54	3.75%	12.78%
Total Bill (including HST)			125.32			130.01	4.70	3.75%	111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-12.53		-0.10	-13.00	-0.47	3.75%	-11.11%
Total Bill on Two-Tier RPP (including OCEB)			112.79			117.01	4.23	3.75%	100.00%

2016 Bill Impacts (High Consumption Level)

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

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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)	750	0.099	74.25	750	0.099	74.25	0.00	0.00%	15.50%
Energy Second Tier (kWh)	1,250	0.116	145.00	1,250	0.116	145.00	0.00	0.00%	30.28%
Sub-Total: Energy (RPP)			219.25			219.25	0.00	0.00%	45.78%
Service Charge	1	3.82	3.82	1	4.23	4.23	0.41	10.73%	0.88%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.08	0.08	0.08	0.00%	0.02%
Distribution Volumetric Rate	2,000	0.0827	165.40	2,000	0.0911	182.20	16.80	10.16%	38.04%
Volumetric Deferral/Variance Account Rider	2,000	0.0009	1.80	2,000	0.0007	1.40	-0.40	-22.22%	0.29%
Sub-Total: Distribution (excluding pass through)			171.18			187.91	16.73	9.77%	39.24%
Line Losses on Cost of Power	184	0.12	21.34	184	0.12	21.34	0.00	0.00%	4.46%
Sub-Total: Distribution			192.53			209.25	16.73	8.69%	43.69%
Retail Transmission Rate – Network Service Rate	2,184	0.0039	8.52	2,184	0.0039	8.52	0.00	0.00%	1.78%
Retail Transmission Rate – Line and Transformation Connection \$	2,184	0.0038	8.30	2,184	0.0033	7.21	-1.09	-13.16%	1.50%
Sub-Total: Retail Transmission			16.82			15.72	-1.09	-6.49%	3.28%
Sub-Total: Delivery			209.34			224.98	15.64	7.47%	46.97%
Wholesale Market Service Rate	2,184	0.0044	9.61	2,184	0.0044	9.61	0.00	0.00%	2.01%
Rural Rate Protection Charge	2,184	0.0013	2.84	2,184	0.0013	2.84	0.00	0.00%	0.59%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%
Sub-Total: Regulatory			12.70			12.70	0.00	0.00%	2.65%
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	2.92%
Total Bill on Two-Tier RPP (before Taxes)			455.29			470.93	15.64	3.43%	98.33%
HST		0.13	59.19		0.13	61.22	2.03	3.43%	12.78%
Total Bill (including HST)			514.48			532.15	17.67	3.43%	111.11%
Ontario Clean Energy Benefit (OCEB)		-0.10	-51.45		-0.10	-53.21	-1.77	3.43%	-11.11%
Total Bill on Two-Tier RPP (including OCEB)			463.03			478.93	15.90	3.43%	100.00%