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October 15, 2020

Ms. Christine E. Long
Registrar and Board Secretary
Ontario Energy Board
Suite 2700, 2300 Yonge Street
P.O. Box 2319
Toronto, ON M4P 1E4

Dear Ms. Long,

Re: EB-2019-0234/EB-2016-0315 – Implementation of the Ontario Energy Board Decision to Eliminate the Seasonal Rate Seasonal Class – Updated Report

In its September 17, 2020 Decision and Order in the Motion to review and vary the Decision dated March 12, 2015 (EB-2019-0234/EB-2016-0315), the Ontario Energy Board ("OEB") stated that it had determined that the March 2015 Decision to eliminate the Seasonal Class should not be varied. The OEB also directed Hydro One Networks Inc. ("Hydro One") to file an updated Report on the Elimination of the Seasonal Class (the "Report").

The attached Report is an update to the previously filed July 19, 2019 version of the Report. Changes to the Report include removing references to an alternative approach to eliminating the Seasonal Class, as well as revising the bill impact and mitigation analyses to reflect a recommended effective and implementation date of January 1, 2022 for Seasonal Class elimination. Additionally, the 2020 and 2021 revenue requirements and rates used in this Report align with the amounts provided in Hydro One's latest distribution rate filings.

Hydro One is expecting that Notice of the proceeding to review this Report will need to be issued to seasonal customers and reminds the OEB that due to the customer-specific nature of the information previously indicated as being required in the Notice, Hydro One will need a minimum of 30 business days to develop and issue the Notice once finalized by the OEB.

Sincerely,

Henry Andre

Hydro One Report on Elimination of the Seasonal Class

October 15, 2020 Update

EB-2016-0315

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1 INTRODUCTION AND SUMMARY OF REPORT

The Ontario Energy Board (the "OEB" or "Board") March 12, 2015 Decision on Hydro One's distribution rates proceeding EB-2013-0416 directed Hydro One to bring forward a plan for the elimination of the Seasonal Class.[1] The Board indicated that the plan should propose mitigation for those customers expected to experience a total bill impact of greater than 10% as a result of migrating to another class. Hydro One was also asked to look at the issues of billing and meter reading frequency for seasonal customers as part of the plan.

Hydro One submitted a report to the Board on August 4, 2015 ("the 2015 Seasonal Report"). The Board issued an order on September 30, 2015 that directed Hydro One to implement the move towards all-fixed distribution rates for the Seasonal Class customers, as well as all other residential customers, starting in 2016. The Board indicated that this change constituted the initial step to eliminating the Seasonal Class and that a further proceeding would be initiated to consider the remaining steps.

On November 10, 2016 the Board issued Procedural Order No.1 related to a ***new*** proceeding EB-2016-0315 initiated by the Board to consider the next steps for the elimination of the season class. That procedural order requested a number of updates to the 2015 Seasonal Report and Hydro One submitted the updated report on December 1, 2016 ("the 2016 Seasonal Report").

On September 20, 2018 the Board issued a letter indicating their intent to resume proceeding EB-2016-0315 at the conclusion of the review of Hydro One's 2018-2022 Distribution Application[2]. The Board requested the 2016 Seasonal Report be updated to reflect the new rates arising from its review of Hydro One's Application. The Board also indicated that the updated report could include a revised approach to the elimination of the Seasonal Class.[3] Hydro One submitted the updated report on July 19, 2019 ("the 2019 Seasonal Report"), which included a proposed alternative to the treatment of the Seasonal Class. This was set out in Section 5 of the 2019 Seasonal Report entitled "Alternate Approach to Elimination of the Seasonal Class."

[1] Hydro One currently has three year-round residential classes (High Density "UR" class, Medium Density "R1" class, and Low Density "R2" class), as well as a Seasonal residential class.

[2] EB-2017-0049.

[3] On April 17, 2019 the Board issued PO#2, which provided additional guidance regarding the updated report.

On September 17, 2019, the OEB issued Procedural Order No. 3, stating that it had determined that it would treat Section 5 of the 2019 Seasonal Report as a motion to review the Seasonal Rates Elimination Determination. After reviewing submissions from Hydro One, OEB staff and intervenors, the Board issued its decision in the motion threshold proceeding (EB-2019-0234) on March 12, 2020, which found that the threshold test had been met.

In its September 17, 2020 Decision in EB-2019-0234 the Board stated that it had determined that the March 2015 Decision to eliminate the Seasonal Class should not be varied. The Board directed Hydro One to update its 2019 Seasonal Report, including the identification of mitigation measures, and removing section 5 "Alternate Approach to Elimination of the Seasonal Class", or similar proposals, as these matters have been determined by the Board.

The elimination of the Seasonal Class represents a significant change to Hydro One's rate class structure that will impact the rates for all customer classes. As discussed in section 8 of this report, implementing the elimination of the Seasonal Class will have large customer impacts, entails significant billing system changes and requires the Board's review and approval of the proposals in this report. As such, Hydro One submits that the earliest feasible effective and implementation date for the elimination of the Seasonal Class is January 1, 2022. While Hydro One recommends that the elimination of the Seasonal Class be implemented and made effective as of January 1, 2022, there are several factors that support an implementation and effective date of January 1, 2023, as discussed in section 8.3 of this report.

The bill impact and mitigation analyses included in Hydro One's 2019 Seasonal Report were based on a January 1, 2021 implementation date. In this report, all bill impact and mitigation analyses have been revised to reflect the recommended effective and implementation date of January 1, 2022. The 2020 and 2021 revenue requirements used in the calculations in this report have also been updated to align with the revenue requirement and rates used in more recent filings[4].

As discussed in the report, at the time of the March 2015 Decision to eliminate the Seasonal Class the Board had not yet approved the move to all-fixed distribution rates for residential customers[5]. To better understand the impacts of eliminating the Seasonal

[4] EB-2019-0043 and EB-2020-0030

[5] On July 16, 2015 the OEB issued a letter to all licensed electricity distributors, and updated its Filing Requirements, detailing how the move to all-fixed distribution rates for residential customers was to be implemented.

Class, and as requested by the Board[6], this report delineates the impacts resulting from the move to all-fixed rates versus the impacts due solely to eliminating the Seasonal Class.

The report demonstrates that the elimination of the Seasonal Class per the March 2015 Decision results in only a small benefit for some seasonal customers at the expense of large negative impacts for other seasonal customers. The elimination of the Seasonal Class, once the move to all-fixed distribution rates is completed, results in a reduction of about $5/month for the roughly 70,000 seasonal customers moving to the R1 residential class and an increase of about $54/month for the roughly 78,000 seasonal customers that would move to the R2 residential class.[7] The combined impact on low volume seasonal customers of moving to the R2 residential class at all-fixed distribution rates, and without the rate subsidies available to year-round R2 customers, is a 111% (or $60/month) increase in their total electricity bill.[8]

As a result of the significant bill impact to seasonal customers that will move to the R2 residential class, mitigation will be required to limit total bill impacts to 10% when the Seasonal Class is eliminated. The recommended mitigation would be a fixed monthly credit for low-volume seasonal customers based on their prior year's average monthly consumption. Due to the magnitude of the impacts, it is estimated that bill credits would need to be in place for the lowest volume seasonal customers for a period of 9 years at an estimated total cost of about $150M.[9]

With respect to billing and meter reading, Hydro One proposes that the billing and meter reading frequency for seasonal customers in the year-round residential classes be based on customer usage level and patterns, and their current meter reading/billing method. This would meet seasonal customer needs while minimizing overall billing and meter reading costs.

[6] EB-2016-0315, Notice and Procedural Order No. 1 issued on November 10, 2016.

[7] Per Table 10 of the report.

[8] Per Table 9 of the report.

[9] Per Table 12 of the report.

Structure of the Report

This report examines the options and issues associated with eliminating the Seasonal Class. The current report includes a number of changes related to restructuring and clarifying the content of the 2015, 2016 and 2019 Seasonal Reports, as well as updates to reflect the Board's Decision in Hydro One's 2018-2022 Custom Incentive Rate-setting ("Custom IR") Distribution Application (EB-2017-0049) and the subsequent annual update applications for 2020 and 2021. The structure of the report is summarized below.

Section 2 discusses Hydro One's stakeholdering prior to filing the 2015 Seasonal Report. Stakeholders had diverse viewpoints, but they actively participated in the stakeholder session and their input was taken into consideration in the material and recommendations presented.

Section 3 provides some background information on seasonal customers and shows that the elimination of the Seasonal Class per the March 2015 Decision is estimated to result in about 70,000 seasonal customers moving to the medium density R1 residential class and about 78,000 customers moving to the low density R2 residential class. The material also shows that the consumption patterns for seasonal customers are notably different from year-round residential customers and that large numbers of seasonal customers have very low average monthly energy consumption. This section has been updated to reflect the results from the rate class review completed in preparation of Hydro One's 2018-2022 Distribution Application.

Section 4 examines the impacts of eliminating the Seasonal Class and moving those customers to the UR, R1 or R2 residential classes and using distribution rates consistent with Hydro One's approved 2018-2022 Distribution Application. Sub-section 4.2 discusses the impact of the Board's policy to move to all-fixed distribution rates for residential classes and delineates the impacts to seasonal customers resulting from the move to all-fixed rates versus the impacts due solely to eliminating the Seasonal Class. Sub-section 4.3 considers a number of options for mitigating the bill impacts on those seasonal customers that would move to the R2 rate class.

Section 5 of the report discusses the criteria associated with classification of seasonal customers, and the eligibility criteria for the Rural and Remote Rate Protection ("RRRP") provided to R2 residential customers and the distribution rate protection ("DRP") subsidy provided to R1 and R2 year-round residential customers under the Fair Hydro Plan. As confirmed by the Board in the March 2015 Decision, Seasonal customers are not eligible for RRRP, and by implication DRP, subsidies even if the Seasonal Class is eliminated. As such, Hydro One would need to continue to specifically identify seasonal customers in its billing system for the purpose of administering the RRRP and DRP subsidies.

Section 6 of the report presents and assesses options for billing and meter reading frequencies associated with seasonal customer reclassification, taking into consideration customer usage level and patterns (low, medium, and high), meter reading method (automated vs. manual), and billing method (paper bills vs. electronic bills).

Section 7 of the report describes changes to Hydro One's Conditions of Service that would be required if the seasonal rate class is eliminated. Most of them would be administrative in nature, reflecting the elimination of the seasonal rate class and the addition of a new billing frequency.

Section 8 discusses the implementation and ongoing administrative issues associated with eliminating the Seasonal Class. Implementation issues include the need for extensive Customer Information System ("CIS") changes, the need for annual monitoring of seasonal customers' consumption, complexities associated with administering the impact mitigation credit, and customer communication challenges. Hydro One's recommendation on the timing of implementation is also discussed in this section. There are also a number of Distribution System Code ("DSC") exemptions that would be required as a result of the proposed billing and meter reading frequencies for seasonal customers.

2 STAKEHOLDERING

Hydro One invited all intervenors of record in the EB-2013-0416 proceeding and Board staff to a stakeholder session held on June 10, 2015. The stakeholder session was held to provide information related to the proposed elimination of the Seasonal Class and promote feedback on options being considered for mitigating the impacts on seasonal customers as a result of eliminating the Seasonal Class. The notes of the meeting, which includes material presented at the stakeholder session, are provided in Appendix A.

Stakeholders actively participated in the session and provided valuable feedback that has been considered in this report, including the following key points:

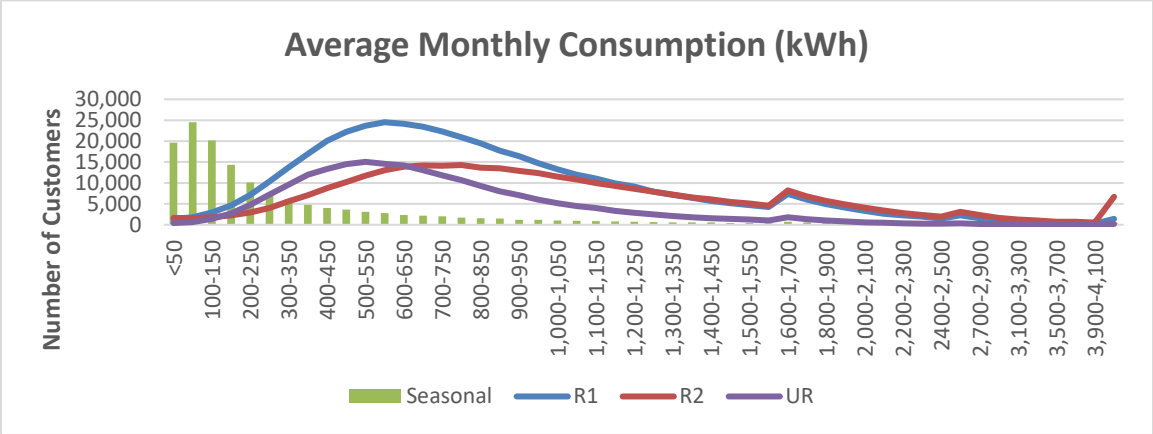
- Consider an option where all rate classes share in the mitigation of impacts associated with eliminating the Seasonal Class.
- Clarify the changes to cost allocation and rate design for all classes resulting from the elimination of the Seasonal Class.
- The need to understand the impact of moving to all-fixed residential distribution rates.
- The need for clear communication and customer education in order to inform customers about both rate and billing changes related to the elimination of the Seasonal Class.
- Elimination of the Seasonal Class provides the opportunity to promote a shift to electronic billing if customers desire more frequent billing.

As part of its normal communications process, Hydro One has continued to listen to its customers about what is important to them. This was done through meetings with stakeholders, customer surveys, and customer feedback through our call centre and at in-person events.

3 BACKGROUND ON THE SEASONAL CLASS

In evaluating the impacts of eliminating the Seasonal Class, it is useful to understand the load consumption characteristics of seasonal customers. Figure 1 provides information on the number of customers at various consumption levels for all of Hydro One's residential classes based on 2017 consumption data. Figure 1 illustrates that the consumption pattern for seasonal customers is heavily skewed to the low consumption end, as compared to the year-round residential customer classes which have a more normal distribution of customer consumption. In fact, about 44%, or ~64,000 seasonal customers, consume less than 150 kWh per month on average across the year.

Figure 1
Average Monthly Consumption by Rate Class



Note: The step changes in the above graph result from a change in the x-scale consumption groupings.

In order to move customers out of the Seasonal Class as per the OEB's March 2015 Decision, it is necessary to determine into which year-round residential class each seasonal customer would be assigned. Seasonal customers are included as part of the work Hydro One carries out to review the density classifications to which customers are assigned. As such, the geographic location of seasonal customers was taken into consideration when defining the density zone boundaries that were reviewed and approved as part of proceeding EB-2013-0416 and updated in Hydro One's 2018-2022 Distribution Application (EB-2017-0049).

Based on the density classification review results, Hydro One is able to estimate how the approved 2018 forecast of 147,679 seasonal customers would be split between the year-

round residential classes as shown in Table 1.[10]

Table 1
Breakout of Seasonal Customers among Residential Classes

Target Class	UR	R1	R2	Total
Number of Seasonal Customers	**245**	**69,839**	**77,595**	**147,679**

Using the current density classification review results and historical consumption information for seasonal customers, Hydro One is able to estimate the number of seasonal customers in the various consumption ranges moving to each year-round residential class, as shown in Table 2.

Table 2
Estimated Number of Seasonal Customers Moving to R1 and R2 Classes

	Average Monthly Consumption (kWh)									
	0-50	**50-100**	**100-150**	**150-200**	**200-400**	**400-600**	**600-800**	**800-1,200**	**>1,200**	**Total**
Seasonal to R1	7,956	11,031	9,463	6,768	14,335	7,199	4,427	4,745	3,913	**69,839**
Seasonal to R2	11,168	13,428	10,753	7,663	14,409	6,410	3,920	4,555	5,290	**77,595**

Table 3 shows the 10th and 90th percentile of average monthly consumption values for each of Hydro One's residential rate classes. These values are consistent with those used in Hydro One's 2018-2022 Distribution Application.

Table 3
Monthly Consumption Values for Bill Impact Calculations

Rate Class	Monthly Consumption (kWh)		
	10th Percentile	**Typical***	**90th Percentile**
UR	350	750	1,400
R1	400	750	1,800
R2	450	750	2,300
Seasonal	50	350	1,000

* Typical consumption values shown for UR, R1, and R2 class is same as that prescrbed by the OEB for use in calculating total bill impacts.

[10] Prior to the final implementation of any Seasonal Class changes, the split of seasonal customers moving to the various year-round residential classes would need to be updated based on the current customer classification and density zone information available at that time.

4 ELIMINATION OF THE SEASONAL CLASS

4.1 Cost Allocation and Rate Design Impacts

To determine the cost allocation and rate design impacts of eliminating the Seasonal Class as per the OEB's March 2015 Decision, Hydro One ran two scenarios of its 2018 cost allocation model.

The first scenario, "Seasonal Status Quo", is based on a 2018 cost allocation model ("CAM") run that incorporates all of the model changes approved by the Board as part of its Decision in Hydro One's 2018-2022 Distribution Application. In this run the Seasonal Class remains in place for 2018.

The second scenario, "Seasonal Eliminated", is based on updating the 2018 Seasonal Status Quo CAM to reflect the elimination of the Seasonal Class in 2018. In this run the number of customers and kWh values for the "new" UR, R1 and R2 classes are updated to include the values associated with the seasonal customers moving into those classes.

Updated coincident peak ("CP") and non-coincident peak ("NCP") inputs to the CAM were determined for the new residential classes under the Seasonal Eliminated scenario. The updated CP and NCP values were based on load forecasts established for the "new" residential classes. Hydro One's approach ensures that the coincident peak values for total distribution system remain the same before and after seasonal elimination, as expected[11].The CAM input worksheets I6.1 (Revenue), I6.2 (Customer Data), I8 (Demand Data) and output sheet O1(Revenue to Cost Summary) for the Seasonal Status Quo and Seasonal Eliminated scenarios are provided in Appendix B and C, respectively. A summary of the 2018 CAM results for both scenarios is provided in Table 4.

[11] To calculate the 2018 CP and NCP inputs assuming no Seasonal Class, the hourly forecasts for each consolidated residential class (UR, R1, and R2) for each forecast year were determined by adding together the portion of hourly forecasts of seasonal customers mapped to that class and the hourly forecasts of customers who were already in that class. Thus, the hourly forecast for each consolidated class over the 2018-2022 forecast period takes into account the load growth and weather sensitivity of each class. The hourly load forecast for each class was then added together (hour by hour) to obtain the total distribution system load forecast and establish the peak dates and hours required in order to determine the 1CP, 4CP and 12CP CAM input values by class.

Table 4
2018 CAM Results for Seasonal Status Quo and Seasonal Eliminated Scenarios

Rate Class	UR	R1	R2	Seasonal	GSe	GSd	UGe	UGd	St Lgt	Sen Lgt	USL	DGen	ST	Total
Seasonal Status Quo														
Revenue at Current Rates	89.8	298.5	492.7	104.2	157.4	133.1	21.6	27.0	9.8	5.4	3.3	3.5	50.1	1,396.4
Escalated Revenue	93.7	311.7	514.7	108.9	164.5	139.2	22.6	28.2	10.2	5.5	3.4	3.7	52.4	1,458.5
Cost	87.1	285.0	530.1	100.0	166.3	156.0	22.5	31.0	11.0	5.7	2.8	6.3	54.8	1,458.5
R/C Ratio	1.08	1.09	0.97	1.09	0.99	0.89	1.01	0.91	0.93	0.97	1.23	0.58	0.96	1.00
Seasonal Eliminated														
Revenue at Current Rates	89.9	333.8	581.2	0.0	157.5	133.2	21.6	27.0	9.8	5.4	3.3	3.5	50.1	1,416.2
Escalated Revenue	92.5	343.7	598.7	0.0	162.2	137.2	22.3	27.8	10.1	5.5	3.4	3.6	51.6	1,458.5
Cost	87.7	312.5	596.6	0.0	168.6	158.2	22.7	31.4	11.2	5.7	2.8	6.3	54.9	1,458.5
R/C Ratio	1.06	1.10	1.00	-	0.96	0.87	0.98	0.89	0.90	0.97	1.21	0.57	0.94	1.00

One of the key differences between the CAM results for the two scenarios is the total revenues collected at current rates. As shown in the last column of Table 4, the elimination of the Seasonal Class results in an additional $19.8M[12] in total revenue at current rates, which means that the uniform increase to the current revenue collected from all classes required to match the 2018 approved costs is only 3.0% under the Seasonal Eliminated scenario, as compared to 4.4% under the Seasonal Status Quo scenario. This shows that one of the impacts of eliminating the Seasonal Class is that the higher revenues generated from seasonal customers moving to the R2 class results in a smaller uniform rate increase for all other rate classes.

As shown in Table 4, the elimination of the Seasonal Class results in a noticeable increase in the R2 R/C ratio while the R/C ratios for most classes decrease. The lower R/C ratios of the general service rate classes are also due to the minimum system and Peak Load Carrying Capacity ("PLCC") adjustment methodology used in the CAM to allocate costs. The PLCC adjustment results in a larger portion of both the CP and NCP demand for the "new" R1 and R2 classes (i.e. including seasonal customers) being accommodated by the minimum system. The impact to the PLCC adjustment as a result of eliminating the Seasonal Class effectively means that a larger proportion of the demand-allocated costs are shifted to the general service rate classes[13].

To help understand the impact on seasonal customers as a result of eliminating the Seasonal Class, it is helpful to look at the average revenue per customer. The data

[12] $19.8 = $1,416.2-$1,396.4

[13] The PLCC adjustment impacts the 4&12 CP & NCP allocators, and particularly the Line Transformer 4 NCP (LTNCP4) allocator. The higher allocators for the general service rate classes affects the allocation of assets to each class, which directly impacts the allocation of asset related costs (i.e. depreciation, interest, net income) and indirectly impacts the allocation of distribution maintenance and operation costs.

provided in Table 5 shows that under the Seasonal Status Quo, the average revenue per customer for the Seasonal and R1 classes is similar ($737 and $697 respectively). With the elimination of the Seasonal Class, the average revenue per customer drops by only 10% to $664 for seasonal customers moving to the R1 class, but it increases by 100% to $1,474 for those seasonal customers moving to the R2 class.

Table 5
Comparison of 2018 Annual Revenue per Customer for Residential Classes

Rate Class	Seasonal Status Quo			Seasonal Eliminated		
	Revenue to be Collected ($M)	Number of Customers	Revenue per Customer	Revenue to be Collected ($M)	Number of Customers	Revenue per Customer
UR	93.7	227,025	413	92.5	227,271	407
R1	311.7	447,465	697	343.7	517,304	664
R2	514.7	328,479	1,567	598.7	406,074	1,474
Seasonal	108.9	147,679	737	-	-	-

The outputs of the 2018 CAM provide the basis for rate design over the 2018 to 2022 period in accordance with the methodology approved in EB-2017-0049 for setting rates over the application period. As discussed in Section 8, Hydro One recommends that any changes related to eliminating the Seasonal Class be effective and implemented as of January 1, 2022. To evaluate the 2022 rate and bill impacts of eliminating the Seasonal Class in 2018, Hydro One compared two scenarios of the 2022 rate design.

The first scenario, "2022 Seasonal Status Quo", calculates 2022 rates based on the outputs of the Board-approved 2018 CAM and the 2018/2019/2020/2021/2022 approved rate design methodology, as well as the Board-approved 2018 to 2022 revenue requirements and charge determinants in EB-2017-0049.[14] In this scenario the Seasonal Class remains in place for 2018, 2019, 2020, 2021 and 2022.

The second scenario, "2022 Seasonal Eliminated" calculates what the 2022 rates would be assuming the elimination of the Seasonal Class had taken place in 2018. This scenario is based on the output of the 2018 Seasonal-Eliminated CAM and use of the Board-approved rate design methodology, revenue requirement and charge determinants. The 2018 to 2022 rate design uses the number of customers and kWh values for the "new"

[14] The first scenario is consistent with the data provided in Hydro One's recent filings:

- 2018 and 2019: the Draft Rate Order in EB-2017-0049 that was subsequently approved in the Board Rate Order dated June 11, 2019
- 2020: the Custom Incentive Rate-setting mechanism (Custom IR) update application (EB-2019-0043) that was subsequently approved in the Board Rate Order dated December 17, 2019
- 2021: the Custom IR update application (EB-2020-0030)

UR, R1 and R2 classes based on the seasonal customers moving into those classes in 2018.

Details of the 2018 to 2022 rate design for both the Seasonal Status Quo and Seasonal Eliminated scenarios are provided in Appendix D. Appendix D includes the rates that would apply in each of 2018 to 2022 under both scenarios. The rate design includes any R/C ratio adjustments necessary to move within the Board's approved R/C ranges. The approach for balancing any revenue requirement that needs to be shifted among classes follows the approach approved by the Board in Hydro One's 2018-2022 Distribution Application.

The 2022 fixed and variable rates resulting from the rate design process under both scenarios are summarized in Table 6, which also includes the equivalent *all-fixed rate* applicable for each residential class under each scenario.

Table 6
2022 Fixed and Variable Rates under
Seasonal Status Quo and Seasonal Eliminated Scenarios

Rate Class	Seasonal Status Quo			Seasonal Eliminated		
	Fixed Rate ($/month)	Variable Rate ($/kWh or $/kW)	Equivalent All-Fixed Rate ($/month)	Fixed Rate ($/month)	Variable Rate ($/kWh or $/kW)	Equivalent All-Fixed Rate ($/month)
UR	36.61	0.0000	36.61	36.06	0.0000	36.06
R1	53.98	0.0096	61.95	51.53	0.0100	59.13
R2	123.77	0.0155	139.78	116.61	0.0167	131.66
Seasonal	56.28	0.0300	65.52	-	-	-
GSe	32.87	0.0655		32.39	0.0645	
GSd	109.52	18.6041		107.77	18.3074	
UGe	25.96	0.0312		25.58	0.0307	
UGd	100.96	10.7010		99.49	10.5451	
St Lgt	3.57	0.1092		3.52	0.1076	
Sen Lgt	2.97	0.1615		3.02	0.1641	
USL	38.33	0.0255		38.49	0.0256	
Dgen	196.71	10.1477		196.41	10.1325	
ST	1,136.84	1.5960		1,120.25	1.5727	

Table 7 provides the 2022 total bill impacts, assuming no mitigation, under the Seasonal Status Quo and Seasonal Eliminated scenarios for residential customers at low, typical and high consumption levels, and for all other rate classes at the typical consumption level. The calculation of impacts is based on the Board's bill impact calculation methodology and the calculation details are provided in Appendix F and Appendix G for the Seasonal Status Quo and Seasonal Eliminated scenarios, respectively.

Table 7 shows that the elimination of the Seasonal Class results in a small decrease in the 2021 to 2022 total bill impacts for most rate classes. The R1 and R2 residential classes would have seen the biggest decrease as a result of the elimination of the Seasonal Class, but given that the distribution charges for those classes are capped under the Distribution Rate Protection (DRP) provided by Regulation 198/17, the R1 and R2 customers will in fact see negligible benefits from the elimination of the Seasonal Class.

The biggest impact of eliminating the Seasonal Class is on the seasonal customers themselves. While there is a notable decrease in the 2022 bill impacts for those seasonal customers moving to the R1 class (**Seasonal-R1**), as well as the very few customers moving to the UR class (**Seasonal-UR**), there is a significant increase in bill impacts for all seasonal customers moving to R2 class (**Seasonal-R2**), in particular for the low and average consumption seasonal customers. In the case of low volume Seasonal R2 customers, they would see an increase of 106% over their 2021 total bill.

Table 7
2022 Bill Impacts under Seasonal Status Quo and Seasonal Eliminated Scenarios

Rate Class	Monthly Consumption/Peak (kWh/kW)	2021 Total Bill ($)	2022 Status Quo Change in Total Bill		2022 Seasonal Eliminated Change in Total Bill	
			($)	(%)	($)	(%)
UR	350	74.24	0.76	1.0%	0.32	0.4%
	750	125.22	0.76	0.6%	0.32	0.3%
	1,400	208.07	0.76	0.4%	0.32	0.2%
R1-With DRP	400	82.11	0.00	0.0%	-0.07	-0.1%
	750	127.19	0.00	0.0%	-0.13	-0.1%
	1,800	262.41	0.00	0.0%	-0.31	-0.1%
R1-Without DRP	400	96.27	2.86	3.0%	0.93	1.0%
	750	145.33	1.61	1.1%	-0.27	-0.2%
	1,800	292.49	-2.14	-0.7%	-3.86	-1.3%
R2-With DRP	450	89.71	0.00	0.0%	-0.08	-0.1%
	750	129.12	0.00	0.0%	-0.13	-0.1%
	2,300	332.72	0.00	0.0%	-0.41	-0.1%
R2-Without DRP	450	110.54	6.27	5.7%	0.82	0.7%
	750	155.46	4.54	2.9%	-0.67	-0.4%
	2,300	387.51	-4.39	-1.1%	-8.38	-2.2%
Seasonal-UR	50	49.82	4.24	8.5%	-13.50	-27.1%
	350	99.32	0.88	0.9%	-24.76	-24.9%
	1,000	206.58	-6.41	-3.1%	-49.18	-23.8%
Seasonal-R1	50	49.82	4.24	8.5%	-0.47	-0.9%
	350	99.32	0.88	0.9%	-8.96	-9.0%
	1,000	206.58	-6.41	-3.1%	-27.34	-13.2%
Seasonal-R2	50	49.82	4.24	8.5%	52.77	105.9%
	350	99.32	0.88	0.9%	46.69	47.0%
	1,000	206.58	-6.41	-3.1%	33.51	16.2%
GSe	2,000	386.61	3.43	0.9%	1.41	0.4%
UGe	2,000	321.23	1.75	0.5%	0.63	0.2%
GSd	36,104/124	8,811.22	68.67	0.8%	25.10	0.3%
UGd	50,525/135	10,216.80	44.08	0.4%	18.63	0.2%
St Lgt	517	108.16	1.25	1.2%	0.54	0.5%
Sen Lgt	71	19.65	0.59	3.0%	0.78	4.0%
USL	364	80.79	0.97	1.2%	1.13	1.4%
DGen	1,328/13	596.18	9.67	1.6%	9.10	1.5%
ST	1,601,036/3,091	272,300.93	174.13	0.1%	63.11	0.0%

The impacts shown in Table 7 for seasonal customers are the combined impact in 2022 of both the 6th year of the phase-in to all-fixed distribution rates and the impact of eliminating the Seasonal Class. To better understand the impact of just eliminating the Seasonal Class, Table 8 provides a breakout of the impact on seasonal customers' monthly bill in 2022 due to just the elimination the Seasonal Class.

Table 8
Impact in 2022 of Eliminating the Seasonal Class

Monthly Consumption (kWh)	2021 Seasonal Status Quo Total Bill ($/month)	2022 Change in Total Bill due to Eliminating the Seasonal Class					
		Seasonal-R2		Seasonal-R1		Seasonal-UR	
		$	%	$	%	$	%
50	49.82	48.53	97%	-4.71	-9%	-17.74	-36%
350	99.32	45.81	46%	-9.83	-10%	-25.64	-26%
1,000	206.58	39.92	19%	-20.93	-10%	-42.77	-21%

The impacts shown in Table 8 do not provide a full picture of the impact on seasonal customers as a result of the elimination of the Seasonal Class because it does not show what the impacts will be on seasonal customers at the completion of the move to all-fixed distribution rates for the UR, R1 and R2 classes. These impacts are referred to in this report as ***end-state*** impacts and are discussed in Section 4.2.

4.2 Consideration of Customer Impacts after Completion of the Move to All-Fixed Distribution Rates

After its March 12, 2015 Decision to eliminate the Seasonal Class, the Board issued a new policy on April 2, 2015 under proceeding EB-2012-0410 requiring that all utilities move to an "all-fixed" distribution rate for residential classes starting in 2016.[15]

The Board's direction was to move residential classes to all-fixed distribution rate over 4 years, which was intended to keep associated bill increases to less than $4 per month in any given year. However, the Board indicated that it would consider a utility's request for exception to the 4-year transition period, if necessary to limit customer bill impacts. In its application for 2016 distribution rates, Hydro One received approval from the Board to move its R1, R2 and Seasonal residential rate classes to all-fixed distribution rates over 8 years starting 2016. UR customers were approved to move to all-fixed distribution rates over 5 years. In its 2018-2022 Distribution Application, Hydro One proposed and received approval from the Board to suspend its transition to all-fixed residential distribution rates in 2018. As a result, the R1, R2 and Seasonal residential classes are now expected to have all-fixed distribution rates in 2024.[16]

Since the policy regarding the move to all-fixed rates for residential customers came out after the Board's Decision in Hydro One's EB-2013-0416 proceeding, the bill impacts on customers moving to all-fixed rates were not explored in the pre-filed evidence,

[15] Implementation details of the policy were subsequently approved in a letter to all electricity distributors dated July 16, 2015.

[16] The UR class will be at all-fixed rates by 2021.

interrogatories or oral hearing during the proceeding. In particular, the *combined* impact of eliminating the Seasonal Class *and* moving to all-fixed rates was not evaluated.

Information is provided below delineating the impact to seasonal customers from the elimination of the Seasonal Class and the move to all-fixed distribution rates.

Table 9 compares a seasonal customer's 2022 total bill assuming the Seasonal Class was not eliminated (i.e. Seasonal Status Quo) against what their total bill would be as a result of either i) staying in the Seasonal Class and moving to end-state[17] all-fixed rates or ii) moving to the residential classes at their respective end-state all-fixed rates.

Table 9
Comparison between Moving Seasonal Customers to Seasonal Class End State All-Fixed Rates versus Residential Class End State All-Fixed Rates

Monthly Consumption (kWh)	2022 Seasonal Status Quo	2022 Seasonal All-Fixed Rates		2022 Seasonal Eliminated					
				R2 All-Fixed Rate		R1 All-Fixed Rate		UR All-Fixed Rate	
	Total Bill ($)	Total Bill ($)	Change (%)	Total Bill ($)	Change (%)	Total Bill ($)	Change (%)	Total Bill ($)	Change (%)
50	54.06	60.34	12%	114.13	111%	55.11	2%	36.32	-33%
350	100.20	99.17	-1%	153.49	53%	93.69	-6%	74.56	-26%
1,000	200.17	183.32	-8%	238.75	19%	177.29	-11%	157.40	-21%

To assist in understanding the factors contributing to the seasonal customer impacts, Table 10 breaks out the end-state impacts shown in Table 9 into two components: 1) the impact of just moving to all-fixed Seasonal Class rates and 2) the additional impact resulting from the elimination of the Seasonal Class.

Table 10
Break Out of End State Impacts Resulting from the Seasonal Class Moving to All-Fixed Rates and the Elimination of the Seasonal Class

Monthly Consumption (kWh)	2022 Seasonal Status Quo Total Bill	2022 Change in Total Bill for Seasonal Class Moving to All-Fixed Rates		2022 Change in Total Bill due to Eliminating the Seasonal Class					
				Seasonal-R2		Seasonal-R1		Seasonal-UR	
	($/month)	$	%	$	%	$	%	$	%
50	54.06	6.28	12%	53.79	100%	-5.23	-10%	-24.02	-44%
350	100.20	-1.02	-1%	54.31	54%	-5.48	-5%	-24.62	-25%
1000	200.17	-16.86	-8%	55.44	28%	-6.03	-3%	-25.91	-13%

[17] The end-state impact reflects the impact that seasonal customers will see when the move to all-fixed distribution rates is completed, based on the approved 2022 revenue requirement.

The results shown in Tables 9 and 10 highlight two key items:

1. Seasonal customers moving to all-fixed R1 distribution rates will see only a relatively small additional benefit from the elimination of the Seasonal Class.

   - Low consumption seasonal customers will see their monthly bill go from $54 to $60 as a result of the move to all-fixed Seasonal Class rates, as compared to a monthly bill of $55 if they move to the R1 class with an all-fixed rate (i.e. a $5 decrease in their monthly bill).
   - A typical consumption seasonal customer will see their monthly bill go from $100 to $99 as a result of the move to Seasonal Class all-fixed rates, as compared to a monthly bill of $94 if they move to the R1 class with an all-fixed rate (i.e. a $5 decrease in their monthly bill).
   - High consumption seasonal customers will see their monthly bill go from $200 to $183 as a result of the move to Seasonal Class all-fixed rates, as compared to a monthly bill of $177 if they move to the R1 class with an all-fixed rate. This means that high consumption seasonal customers will see a reduction of $17 relative to their 2022 bill solely as a result of moving to all-fixed Seasonal Class rates, and a further $6 reduction if the Seasonal Class is eliminated.

2. Seasonal customers moving to all-fixed R2 distribution rates will see large negative impacts from the elimination of the Seasonal Class

   - Low consumption seasonal customers will see a 12% increase in their total bill when they move to all-fixed Seasonal Class rates, while their bill impact increases to 111% if the Seasonal Class is eliminated and they move to the R2 class with an all-fixed rate. That means their 2022 monthly bill of $54 will go to $60 as a result moving to an all-fixed Seasonal Class rate, while it will jump to $114 if the Seasonal Class is eliminated and they move to the R2 class with an all-fixed rate.
   - An average consumption seasonal customer will see a $1 decrease in their $100 monthly bill as a result of simply moving to all-fixed Seasonal Class rates, as compared to an increase of $53 if the Seasonal Class is eliminated and they move to the R2 class with an all-fixed rate.
   - High consumption seasonal customers moving to an all-fixed Seasonal Class rate will see a bill reduction of 8% as compared to a bill increase of 19% if they moved to an all-fixed R2 rate. This means that instead of seeing a $17 reduction in their 2022 bill as a result of moving to an all-fixed Seasonal Class rate, high consumption seasonal customers will actually see an increase of $39 if the Seasonal Class is eliminated and they move to the R2 class with an all-fixed rate.

From a customer perspective, the elimination of the Seasonal Class results in a small benefit to the ~70,000 seasonal-R1 customers (i.e. a reduction of about $5 in their bill) and large negative impacts to all of the ~78,000 seasonal-R2 customers (i.e. an increase of about $54 in their bill). While there are notable benefits to seasonal customers that move to the UR class, this benefits only about 245 of the ~147,700 seasonal customers.

The reason that the elimination of the Seasonal Class results in only a small benefit to the seasonal-R1 customers is that the average cost per customer for the R1 class is close to the cost per customer for the Seasonal Class when they are treated as separate classes (as shown in Table 5). The costs allocated to the Seasonal Class are relatively low because the load consumption profile (i.e. class demands) and average density of all seasonal customers as a group, combined with the impact of the minimum system, PLCC and density adjustments built into the Board-approved cost allocation model, results in fewer costs being allocated to seasonal customers when they are part of a stand-alone Seasonal Class.

4.3 Mitigation of Bill Impacts

The bill impacts shown in sections 4.1 and 4.2 clearly indicate that some form of mitigation would be required for seasonal customers moving to the R2 residential class when the Seasonal Class is eliminated as per the OEB's March 2015 Decision.

As discussed in Section 8, Hydro One recommends implementing the elimination of the Seasonal Class as of January 1, 2022 on a "go forward" basis.

As such, the bill impact mitigation presented below is assumed to start in 2022 when Hydro One proposes that the elimination of the Seasonal Class be made effective.

Two options are considered based on Hydro One's prior experience with mitigating large impacts as a result of customers moving between rate classes.

The 1st mitigation option considered is a credit-based approach. Under this option, seasonal customers will move to R2 class rates in 2022 (i.e. they will be billed at the same rate as all R2 customers) and a credit will be applied to their bills to limit total bill impacts to 10%. The 10% impact will take into account all distribution-related items approved by the Board for 2022 as well as the elimination of the Seasonal Class.[18]

[18] A credit-based approach was approved by the Board to mitigate the impacts on customers moving to higher rates in 2015 as a result of the density classification review completed under EB-2013-0416.

The 2nd mitigation option considered is to phase-in the rates that seasonal customers would pay. Under this option, the fixed charge for seasonal customers will be phased-in to the same all-fixed distribution charge as R2 residential customers over the number of years required to limit the bill impacts to 10% per year over the transition period.[19] Limiting the impacts to 10% per year will result in a phase-in period of 12 years. A variation to this mitigation option that has been considered is to use a set phase-in period of 8 years, similar to the period used by Hydro One for phasing-in the move to all-fixed rates for the Seasonal Class. This shorter phase-in period will result in bill impacts that exceed 10% for low volume Seasonal customers, but the bill impacts are relatively small in absolute dollar terms

4.3.1 Option 1: Use a Credit-based Approach to Mitigate Impacts

Under this option, the 2021[20] Seasonal Class fixed and variable rates of $50.37/month and $0.0438/kWh, respectively, would immediately move to the 2022 R2 class fixed and variable rates of $116.61/month and $0.0167/kWh, as calculated in the Seasonal Eliminated rate design sheet provided at Appendix D. A mitigation credit would then be applied to seasonal-R2 customers' bills to limit the impacts to a 10% increase over their prior year's total bill. Per the Board Decision in Hydro One's EB-2013-0416 proceeding, and as discussed in Section 5 of this report, seasonal-R2 customers would not receive either the monthly RRRP credit of $60.50 that applies to year-round R2 residential customers or the Distribution Rate Protection (DRP) subsidy.

The 2022 total bill impacts and mitigation credits required as a result of both eliminating the Seasonal Class and moving to the 6th year of phased-in R2 rates are provided in Table 11.

[19] This is the approach used in 2008 to migrate the rates of customers in utilities acquired by Hydro One to the rates of Hydro One's retail classes, which was approved under proceeding EB-2007-0861.

[20] Consistent with the rates submitted in Hydro One's 2021 Custom IR Update Application (EB-2020-0030).

Table 11
Impacts and Mitigation Credits Required for Seasonal Customers Moving to R2 Residential Rates in 2022

Rate Class	Monthly Consumption (kWh)	2021 Total Bill ($)	2022 Total Bill ($)	Change 2021 to 2022 ($)	Change 2021 to 2022 (%)	2022 Mitigated Bill (2021 + 10%) ($)	Bill Credit to Limit Impact to 10% ($)
Seasonal-R2	**50**	49.82	102.59	52.77	105.9%	54.80	47.79
	100	58.07	109.83	51.76	89.1%	63.87	45.95
	150	66.32	117.06	50.75	76.5%	72.95	44.11
	200	74.57	124.30	49.73	66.7%	82.03	42.28
	300	91.07	138.78	47.71	52.4%	100.18	38.60
	400	107.57	153.25	45.68	42.5%	118.33	34.92
	500	124.07	167.72	43.65	35.2%	136.48	31.24
	600	140.57	182.20	41.62	29.6%	154.63	27.57
	700	157.08	196.67	39.60	25.2%	172.78	23.89
	800	173.58	211.15	37.57	21.6%	190.93	20.21
	900	190.08	225.62	35.54	18.7%	209.09	16.53
	1,000	206.58	240.09	33.51	16.2%	227.24	12.86
	1,100	223.08	254.57	31.49	14.1%	245.39	9.18
	1,200	239.58	269.04	29.46	12.3%	263.54	5.50
	1,300	256.08	283.51	27.43	10.7%	281.69	1.82
	1,400	272.58	297.99	25.40	9.3%	299.84	0.00

Table 12 provides the estimated credit amounts in future years as a result of the combined impact of eliminating the Seasonal Class and moving to all-fixed R2 rates. At the lowest consumption level, the annual bill increase associated with the move to an all-fixed R2 rate is so great that the mitigation credit amounts would continue to increase until 2023 and credits would be required until 2030. It is estimated that a total of $150M in credits would be paid out over the full mitigation period.

Table 12
Estimated credits required to limit bill impacts to 10% for seasonal customers during phase-in to all-fixed R2 rates

Year	Bill Credit Amount at Various Monthly Consumption Levels (kWh)													Annual Credit Amount ($M)
	0-50	51-100	101-150	151-200	201-300	301-400	401-500	501-600	601-700	701-800	801-1,000	1,001-1,200	>1,200	
2022	$48.71	$46.87	$45.03	$43.19	$40.44	$36.76	$33.08	$29.40	$25.73	$22.05	$16.53	$9.18	$ -	$35.2
2023	$49.63	$46.54	$43.45	$40.36	$35.73	$29.56	$23.38	$17.21	$11.03	$4.86	$ -	$ -	$ -	$31.5
2024	$50.04	$45.62	$41.19	$36.77	$30.14	$21.29	$12.45	$3.60	$ -	$ -	$ -	$ -	$ -	$28.3
2025	$43.96	$38.44	$32.92	$27.39	$19.11	$8.07	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$21.6
2026	$37.27	$30.54	$23.81	$17.08	$6.99	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$15.4
2027	$29.91	$21.85	$13.79	$5.74	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$9.9
2028	$21.81	$12.30	$2.78	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$5.3
2029	$12.91	$1.78	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$2.0
2030	$3.12	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$0.4
2031	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$0.0
Total														**$149.7**

As shown in Table 12, the magnitude of the credits does not change substantially across small consumption ranges. As such, Hydro One proposes that a fixed credit amount apply for all seasonal customers within the consumption bands shown in Table 12. The

applicable credit amount, calculated based on the midpoint within the consumption band, would be determined based on the prior year's average monthly consumption for each individual seasonal-R2 customer at the time the credit is established.

An approach based on a pre-defined credit amount tied to a narrow consumption band will ensure customers receive an appropriate credit, while minimizing the cost and complexities associated with administering the credits and making it easier to communicate to customers.[21,22]

Recovery of the Credits Paid to Seasonal-R2 Customers

If a credit-based approach is adopted for mitigating seasonal-R2 impacts, it will be necessary to dispose of the costs associated with providing the credits. Hydro One considered two options for disposing of the credit cost.

The first option is to recover the credit cost through monthly debits on the bills of all formerly seasonal customers that are seeing less than the 10% impact. The intent of targeting formerly seasonal customers is that until such time as the seasonal-R2 customers are fully phased-in, the formerly seasonal customers moving to the UR and R1 classes, as well as those formerly seasonal customers in the R2 class that are seeing less than 10% impacts, should carry the burden of mitigating the impacts on those formerly seasonal customers experiencing more than 10% impacts as a result of the elimination of the Seasonal Class.

This approach for recovering the credit cost is complex to administer and largely defeats the purpose of limiting the cross-subsidization between high and low volume seasonal customers, which eliminating the Seasonal Class was intended to achieve. Many participants at the June 10th, 2015 stakeholder session also felt that this approach was too punitive on formerly seasonal customers and did not recognize that customers in all classes derive some benefits from the elimination of the Seasonal Class.

The second approach, developed in response to stakeholder feedback, is to recover the cost of credits from customers in all classes, not just formerly seasonal customers. The rationale for doing so is that all classes benefit from lower rates as a result of the

[21] A pre-defined credit approach is the methodology adopted by the Board for mitigating impacts on customers eligible under the Ontario Electricity Support Program ("OESP") after considering and rejecting the use of individualized customer credits.

[22] Use of the prior year's consumption as the basis for the credit is consistent with the approach approved for determining the credits applicable to customers moving to higher rates due to the density classification review under proceeding EB-2013-0416.

increased revenue at current rates driven by eliminating the Seasonal Class, as discussed in Section 4.1.[23]

Under this approach, the amount of credits paid to seasonal-R2 customers would be tracked in a variance account for disposition as part of the annual rates-setting process under a Custom IR or IRM application.

For the purpose of disposition, Hydro One would allocate the credit variance account balance across all classes based on the revenue share of each class prior to any R/C ratio adjustments. The amount to be collected from each class would then be disposed of via a fixed rider determined on a per customer basis. Table 13 shows the monthly fixed rider by rate class that would be required to clear the estimated 2022 credit variance account balance. Note that a rider, of decreasing magnitude, would need to be in place until at least 2030, as shown in Table 12.

Table 13
Estimated Monthly Fixed Rider by Rate Class for 2022

Rate Class	Number of Customers (2022)	Rates Revenue Requirement (2022) ($M)	Credit Variance Account Share ($M)	Fixed Rate Rider ($/month/cust)
UR	238,185	103.1	2.3	0.80
R1	533,307	378.4	8.4	1.31
R2	413,678	653.6	14.5	2.92
GSe	87,505	168.3	3.7	3.56
GSd	5,412	148.0	3.3	50.59
UGe	18,342	23.7	0.5	2.39
UGd	1,766	29.2	0.6	30.56
St Lgt	5,617	11.0	0.2	3.63
Sen Lgt	22,037	3.0	0.1	0.25
USL	5,623	3.4	0.1	1.11
DGen	1,562	5.9	0.1	7.03
ST	818	58.8	1.3	132.87
Total	**1,333,853**	**1,586.4**	**35.2**	

[23] Under the DRP, R1 and R2 customers will not benefit from the elimination of the Seasonal Class, but they would see the impacts of any riders established to recover the cost of the mitigation credit since rate riders are not covered under the DRP.

Pros and Cons of Option 1

There are a number of benefits associated with immediately moving seasonal customers to the 2022 residential rates and using a credit-based approach to mitigate the impacts on seasonal-R2 customers as a result of eliminating the Seasonal Class:

- this approach is easy to communicate to customers;
- the credits are targeted to *only* those seasonal-R2 customers that need them;
- seasonal customers benefitting from the elimination of the Seasonal Class will see those benefits immediately
- the costs of the credit are shared among all customers, as recommended by stakeholders.

The drawbacks associated with this option are that:

- the time required to fully eliminate the need for a credit to seasonal-R2 customers extends over a lengthy 9-year period;
- there are significant billing system complexities associated with both the initial implementation and ongoing administration of the credits on customers' bills, including annual consumption monitoring;
- large fixed rate rider amounts for the demand billed rate classes, as well as the streetlight class, would be highly punitive on customers with low demand.

The final drawback noted above can be mitigated by developing a combined fixed and variable rider for disposition of the credit costs to non-residential rate classes.

4.3.2 Option 2A: Phase-In Rates to Keep Total Bill Impacts Less Than 10%

Under this option, the 2021 monthly fixed charge of $50.37 that seasonal customers pay will be uniformly increased to the 2022 end-state all-fixed R2 monthly charge of $131.66 over a number of years to limit the total bill impacts for low consumption seasonal customers to 10%.[24]

[24] This is the same approach that was used starting in 2008 to migrate the rates for customers in the 80+ utilities that Hydro One had previously acquired

A period of 12 years would be required to phase-in the move from current Seasonal Class rates to all-fixed R2 rates, while limiting bill impacts to less than 10% for low consumption seasonal customers consuming an average of 50 kWh per month. The rates payable by seasonal-R2 customers in 2022 will be a monthly fixed charge of $57.14[25] and a variable rate of $0.0292/kWh. The resulting 2022 total bill impacts for Option 2 are provided in Table 14, which shows that the total bill impact on low consumption customers is limited to 10.0%. The magnitude of impacts in subsequent years would be similar.

Table 14
2021 Impacts on Seasonal-R2 customers under Option 2

Rate Class	Monthly Consumption (kWh)	2021 Total Bill ($)	2022 Total Bill ($)	Change 2021 to 2022 ($)	Change 2021 to 2022 (%)
Seasonal-R2	**50**	49.82	54.81	4.99	10.0%
	350	99.32	101.27	1.95	2.0%
	1,000	206.58	201.95	-4.63	-2.2%

This option results in a very lengthy 12-year phase-in period to mitigate the impacts of eliminating the Seasonal Class and did not receive much support from stakeholders as it puts the costs associated with phasing-in the seasonal-R2 customers completely on the year-round residential R2 customers in the form of increased variable rates that would be required to offset the lower fixed charge collected from seasonal-R2 customers within the class. Table 14 also shows that limiting the impacts to 10% for low consumption seasonal customers results in reduced bill impacts for average and high consumption seasonal customers (e.g. customers at 1,000 kWh would see a 2.2% bill reduction). The reduced impacts for high consumption seasonal customers come at the expense of all other R2 customers who pay higher variable rates over the 12-year phase in period.

4.3.3 Option 2B: Phase-In of Rates Over 8 Years

Option 2B addresses some of the drawbacks discussed above by phasing-in the increase in the 2021 $50.37 monthly fixed charge that seasonal customers pay over a period of 8 years. The rates payable by seasonal-R2 customers in 2022 will be a monthly fixed

[25] 1/12th of the way from $50.37 to $131.66.

charge of $60.53[26] and a variable charge of $0.0285/kWh. Table 15 shows the total bill impacts for all 8 years of the phase-in under this scenario.

Table 15
Impacts on Seasonal-R2 customers of 8 Year Phase-in

Monthly Consumption (kWh)	2022 Change in Total Bill		2023 Change in Total Bill		2024 Change in Total Bill		2025 Change in Total Bill		2026 Change in Total Bill		2027 Change in Total Bill		2028 Change in Total Bill		2029 Change in Total Bill	
	$	%	$	%	$	%	$	%	$	%	$	%	$	%	$	%
50	7.25	14.6%	7.89	13.8%	7.89	12.1%	8.17	11.2%	8.16	10.1%	8.16	9.2%	8.16	8.4%	8.16	7.7%
350	4.05	4.1%	5.72	7.6%	5.72	7.2%	7.63	7.1%	7.65	6.7%	7.65	6.3%	7.62	5.9%	7.65	5.6%
1,000	-2.90	-1.4%	1.02	3.9%	1.02	3.9%	6.47	4.0%	6.54	3.8%	6.54	3.7%	6.46	3.6%	6.54	3.5%

As shown in Table 15, this variation of the phase-in approach will result in seasonal customers with medium and high monthly consumption levels experiencing total bill impacts below 10% for each of the phase-in year. Although the impact on low volume seasonal customers' monthly bill is typically more than 10%, the dollar impact is not significantly more than what the average seasonal customer will experience over most years of the 2022 to 2029 period.

Option 2B does still result in the year-round residential R2 customers paying increased variable rates that would be required to offset the lower fixed charge collected from seasonal customers over the phase-in period. However, the shorter phase-in period reduces the burden on year-round residential R2 customers and puts some of that burden on seasonal-R2 customers.

4.3.4 Impact Mitigation Recommendation

Hydro One proposes the following impact mitigation plan:

- Adopt mitigation Option 1, which is to have all seasonal-R2 customers pay the same rates as other R2 class customers starting in 2022 and provide a monthly credit to limit seasonal-R2 total bill impacts to 10% per year taking into account all distribution rate changes.

- Provide the same credit for all seasonal-R2 customers within specified consumption bands based on each individual customer's average monthly consumption in the prior year.

- Track the mitigation credits paid to seasonal-R2 customers in a variance account for annual disposition to all classes.

[26] 1/8th of the way from $50.37 to $131.66.

- Allocate the credit variance account balance across all classes based on their class share of total revenue requirement and dispose of the variance account amounts allocated to each class via a monthly fixed rider for the residential classes and a combined fixed and variable rider for all other rate classes.

5 RRRP and DRP ELIGIBILITY

Rural and Remote Electricity Rate Protection (RRRP)

The Rural and Remote Electricity Rate Protection (RRRP) program provides a rate protection subsidy that reduces the electricity bills for Hydro One Networks Inc.'s rural year-round residential customers (i.e. Low Density - R2 class), as well as reducing the bills for customers of Hydro One Remote Communities Inc. and Algoma Power.

The rate protection program was formerly known as the Rural Rate Assistance (RRA) program and was administered by Ontario Hydro starting in 1982 as set out in Section 108 of the *Power Corporation Act*. The RRA program was introduced to subsidize the higher cost of providing electrical service to year-round residential and farm customers in rural Ontario. Seasonal customers and General Service customers have never been eligible for the RRA/RRRP subsidy.

Under Section 90a of the *Power Corporation Act*, rural residential premises eligible for RRA were defined as:

(1)(d) "rural residential premises means premises that are supplied, either individually or in conjunction with a farm, with power by the Corporation under this Part and the Corporation decides are used for residential purposes on a year-round basis"

When the RRA program was replaced by Regulation 442/01 made under the *Ontario Energy Board Act, 1998*, the definition of a residential premise was modified to provide additional clarity around "year-round", as follows:

"residential premises" means a dwelling occupied as a residence continuously for at least eight months of the year and, where the residential premises is located on a farm, includes other farm premises associated with the residential electricity meter

The definition of residential customers eligible to receive RRRP under Regulation 442/01 is very clearly intended to exclude some customers. Consistent with the original intent of the RRA program, and the fact that RRRP was a continuation of that program, Hydro One believes that the requirement for eight months of continuous occupation is intended to exclude seasonal customers from receiving the RRRP subsidy.

Hydro One's eligibility criteria for being classified as a year-round residential customer (and therefore eligible for RRRP) are tied to confirming that the property to which distribution service is being provided is a primary, year-round, residence and not an intermittently occupied seasonal property. This same primary residence approach is used

by Algoma, Veridian and Nova Scotia Power for distinguishing customers in their Seasonal rate classes.

In EB-2013-0416, Hydro One had proposed to move a subset of high-volume seasonal customers to the year-round residential classes. Although it was admittedly inconsistent with the definition under Regulation 442/01, Hydro One further proposed, for practical reasons, that the relatively small number of high-volume seasonal customers moving to the R2 class would receive the RRRP subsidy.

As noted in the March 2015 Decision at page 47, "Intervenors who addressed this issue and OEB staff all argued that Hydro One could not avoid satisfying the residency criteria in the regulation, and that seasonal customers moving to the R2 class would have to satisfy those criteria or not receive RRRP". As a result, the Board found, at page 48 of their Decision, that: "The OEB agrees with the submissions of OEB staff and others that Hydro One cannot apply the RRRP subsidy to new entrants to the R2 class without determining their residency status in accordance with Regulation 442/01."

Distribution Rate Protection (DRP)

As part of the Fair Hydro Plan introduced in 2017, the government approved Ontario Regulation 198/17 for Distribution Rate Protected Residential Customers (DRP). Although the Fair Hydro Plan was subsequently replaced, the DRP regulation remained in place.

The DRP regulation caps the base distribution charges that can be levied on rural residential customers of eight specific LDCs.[27] Section 2.1.3 of the DRP regulation states that the DRP protection applies to a Hydro One customer in the R1 and R2 residential classes if he or she resides continuously at the service address to which the account relates for at least eight months of the year. The definition of customers eligible for DRP protection mirrors the definition used in the RRRP regulation.

Hydro One Year-round Residential Criteria

Hydro One expects that any seasonal customer whose circumstances change such that they meet the year-round residential criteria will request Hydro one to make a change to their rate classification as part of the normal on-going process available to customers. Therefore, Hydro One's analysis in Section 4 of the report assumes that all customers

[27] Algoma, Atikokan, Hydro One R1 and R2, Chapleau, InnPower, Lakeland Power (Parry Sound service area), Northern Ontario Wires, Sioux Lookout.

currently in the Seasonal Class are not eligible for the RRRP subsidy if they move to the R2 residential class, or the DRP if they move to either the R1 or R2 classes.

As part of implementing any changes to the Seasonal Class, Hydro One proposes to remind all seasonal customers of its year-round residential criteria and request that they submit a completed declaration form and supporting material if they believe they qualify for year-round residential status.

To be categorized as a Hydro One year-round residential customer, all the following criteria must be met:

(i) Occupant represents and warrants to Hydro One 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's Rate classification;

(ii) the Customer must live in this residence for at least four (4) days of the week for eight (8) months of the year and the Customer does not reside anywhere else for more than three (3) days a week during eight (8) months of the year;

(iii) the address of this residence must appear on the Customer's documents such as driver's licence, the Customer's mailing address on the Customer's electricity bill, credit card invoices, property tax bill, etc.; and

(iv) Customers who are eligible to vote in Provincial or Federal elections must be enumerated for voting purposes at the address of this residence.

6 METER READING AND BILLING OF SEASONAL CUSTOMERS

In the March 2015 Decision, Hydro One was also asked to examine billing frequency and, by implication, meter reading frequency, for consideration as part of eliminating the Seasonal Class. This section of the report presents and assesses options that address these issues.

6.1 Background

6.1.1 Meter reading

Prior to 1998, seasonal meters were read manually once per year and billed twice per year. Today, Hydro One relies on both manual and automated meter reading for billing its seasonal customers. As of November 2018, 15% of seasonal meters were read manually and 85% were read automatically through Hydro One's smart meter system. Manually read meters are read once per year and billed quarterly, and automatically read meters are read daily and billed quarterly.

The challenges and costs of reading seasonal meters are somewhat unique to this group of customers, while billing-related costs are similar to those for residential customers.

The average cost of a scheduled manual meter reading for seasonal customers is approximately $57/per read, and higher to perform an unscheduled manual reading. This cost is driven by the longer drive times between the fewer locations requiring manual meter reads.

Accessibility issues are the primary challenge associated with manually reading seasonal meters including their geographic locations, poorly maintained access roads, unplowed roads in the winter, "water access only" cottages, inside meters, hard-to-access historical meter base locations, and locked road gates.

The incremental cost of an automated meter reading, assuming the infrastructure is in place and meters are communicating reliably, is minimal. However, there are numerous challenges associated with performing automated reads for seasonal customers:

- Private commercial cellular coverage, the backbone of the smart meter network's Wide Area Network (WAN), is not ubiquitous across Hydro One's service territory and therefore connectivity is not possible in many low-density areas;

- Extremely low customer density in many parts of the service territory makes it cost prohibitive to enable the meters to communicate reliably enough for time-of-use (TOU) billing given current technology;

- The extreme rugged nature and topography of many parts of Hydro One's service territory (hills, valleys, Canadian Shield) can block and/or absorb Radio Frequency (RF) signals affecting signal strength and range; and

- Extensive tree coverage across many parts of Hydro One's service territory impacts signal strength and range depending on type of vegetation, season, and other environmental factors. As examples, wet trees absorb RF energy more than dry trees, coniferous trees absorb more than deciduous trees and snow on coniferous trees in winter will also absorb signals. These variations in absorption make the network reliability susceptible to changes in seasons and conditions; especially in sparsely populated areas that are typically heavily forested.

These issues are a significant challenge and Hydro One's efforts in overcoming these challenges have been recognized by the North American utility industry. Nevertheless, for the above stated reasons, it is not possible to economically connect some meters to the smart meter network, and in other cases, it is not possible to increase their communication reliability to the level needed for regular and dependable billing.

In recognition of these issues, the Board has granted Hydro One an exemption to provide the TOU billing option for the approximately 94,000 customers, whose meters do not communicate reliably with Hydro One's mart meter network. This exemption is in place until December 31, 2024.[28]

6.1.2 Billing

The costs of producing and issuing a customer bill, as noted previously, are similar across customer classes. There are two billing options available to customers: a paper-based bill or an electronic bill (e-bill).

The cost of issuing a paper bill is approximately $1.10 per bill which includes paper stock, envelopes, handling, and postage. The cost of issuing an e-bill is significantly lower at approximately $0.33 per bill for Canada Post "e-post" transactions and about $0.12 per bill for customers who have enrolled in Hydro One's own e-billing service that was implemented in 2017. The new service has eliminated the need for customers to

[28] EB-2020-0240 Decision and Order, issued October 2, 2020

enroll with a separate vendor (identified as a customer dis-satisfier), and increased customer choice through the provision of several enhanced capabilities including bill notification and payment alerts, mobile e-bill presentation, and electronic bill inserts.

Currently, 39% of Hydro One's seasonal customers participate in electronic billing through either e-post (5%) or e-bill (34%).

6.2 Billing and Meter Reading Options

Three billing and meter reading frequency options were identified consistent with the March 2015 Decision. These options were assessed based on the criteria of fairness, minimizing the costs of the reclassification, and minimizing the overall costs of billing and meter reading while meeting customer needs.

These options are presented and assessed below.

6.2.1 Option A: Maintain Existing Frequencies Upon Customer Reclassification

Option A maintains the status quo for meter reading and billing seasonal customers upon reclassifying them to the appropriate residential density-based rate class. Automatically read meters would continue to be read daily and billed quarterly. Manually read meters would continue to be read once per year and billed quarterly. Customers with manually read meters that are TOU exempt would continue to have the option of performing and submitting self-readings to eliminate the need for estimated bills. The key advantages and disadvantages of Option A are summarized in Table 16.

Table 16
Advantages and disadvantages of Option A

Option A: Maintain Existing Seasonal Billing and Meter Reading Frequencies Upon Customer Reclassification	
Change in Billing and Meter Reading Costs: $0	
Advantages	**Disadvantages**
• Maintains current seasonal bill and meter reading frequencies which have not been identified as significant dis-satisfiers by customers • Minimizes customer disruption of moving to different meter and	• Seasonal customers in the same residential classes are treated differently with respect to billing and meter reading frequencies • Difficult to rationalize and communicate different levels of meter reading and billing frequency to customers in the same

billing frequencies • Maintains billing and meter reading costs at current levels • Provides customers with options where estimated bills are an issue.	class. • Would require an OEB exemption from DSC sections 2.6.1A, 2.10.1 and 7.11.1 related to monthly billing and estimated reads, as these would no longer be "Seasonal Class" customers.

6.2.2 Option B: Adopt Residential Billing and Meter Reading Frequencies

Option B adopts the billing and meter reading frequencies of the existing residential classes upon reclassification. Automatically read meters would be read daily and billed monthly. Manually read meters would be read quarterly and billed monthly. Customers with manually read meters that are TOU exempt would continue to have the option of performing and submitting self-readings to eliminate the need for estimated bills. The key advantages and disadvantages of Option B are summarized in Table 17.

Table 17
Advantages and disadvantages of Option B

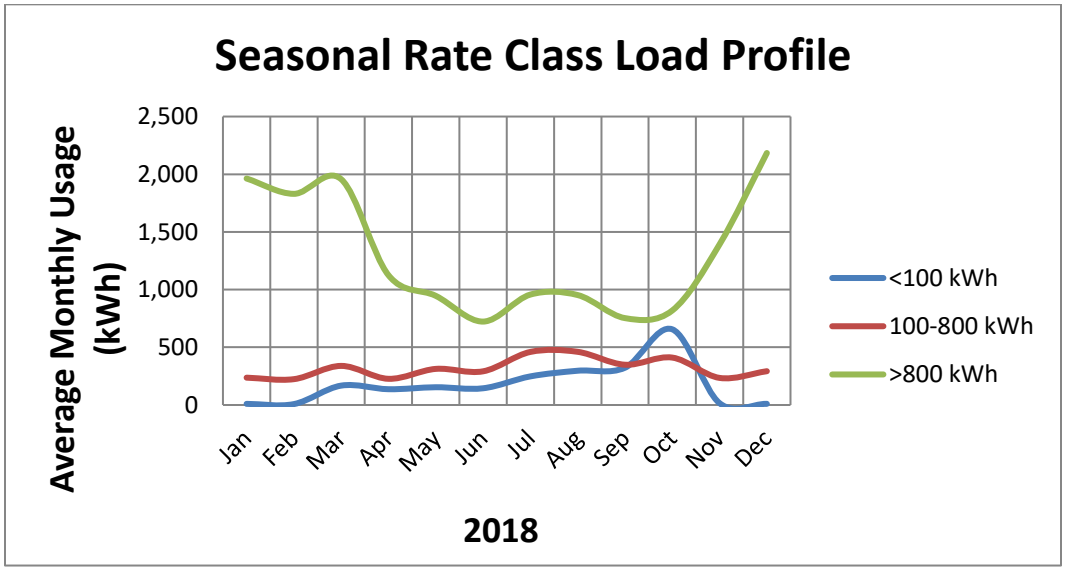
Option B: Adopt Residential Billing and Meter Reading Frequencies	
Change in Billing and Meter Reading Costs: $ Increase ~ $4.7M	
Advantages	**Disadvantages**
• High consumption seasonal customers likely to view increased billing and meter reading frequencies as a positive given alignment with their residential usage • All customers within the residential class (who pay the same delivery rates) are provided with the same level of billing and meter reading frequency.	• Low consumption seasonal customers and/or those whose consumption is confined to summer months may view increased bill and meter reading frequency negatively, as unnecessary, and a waste of resources. • Significant increase in unplanned estimated bills due to accessibility issues of many seasonal meters during the winter and early spring months • Total billing and meter reading costs would increase by 260% • Increases in call and exception handling costs as bill volume is a key driver of calls and exception handling

6.2.3 Option C: Adopt Usage-Based Billing and Meter Reading Frequencies

Option C adopts billing and meter reading frequencies based on seasonal customer usage level and patterns, meter reading method (manual vs. automated), and billing method (paper bills vs. electronic bills). Promoting and consideration of electronic billing was identified by stakeholders as an opportunity associated with seasonal customer reclassification.

Considering average monthly consumption and annual usage patterns in Figure 2, three seasonal customer sub-segments were identified: 1) high usage (> 800 kWh/month); 2) medium usage (100-800 kWh/month); and 3) low usage (less than 100 kWh/month).

Figure 2
Seasonal Class Profiles for Varying Monthly Consumption



The characteristics and proposed billing and meter reading frequencies for each of these sub-segments are presented below.

1) Seasonal High Usage Sub-Segment (>800 kWh)

Approximately 10% of seasonal customers are in the high usage sub-segment. Annual electricity consumption for these customers is similar to the average year-round consumption for residential customers (800 kWh/month), their load profile is similar to year-round residential customers without air conditioning (higher usage in colder months and lower usage in the warmer months), and electrical load is present through the entire year without prolonged periods of zero usage. Approximately 2,300 of these meters are read manually or have unreliable automated meter readings.

Given the above characteristics of these customers, and given the guiding principles identified previously, it is proposed that:

- Manual meter reading frequency be increased from once per year to four times per year (the same as manually read residential meters) to more closely align usage patterns and billing;
- Customers with manually and automatically read meters be provided with the opportunity to move to the residential billing frequency (monthly) if enrolled in electronic billing;
- Manually read TOU exempt customers continue to be provided the opportunity to perform and submit "self reads" to minimize estimated bills; and
- Customers remaining on paper-based bills continue to be billed at their existing seasonal frequencies (quarterly).

This proposal recognizes the similarities in load profiles between high usage seasonal and residential customers by increasing manual meter reading frequency to residential levels, and provides customer choice to more closely align usage and billing frequency through electronic billing. The incremental cost of increased meter reading frequency for manually read customers is approximately $394k and the savings associated with electronic billing, depending on uptake, is up to $52k.

2) Seasonal Medium Usage Sub-Segment Scenario (100-800kWh)

Approximately 54% of seasonal customers are in the medium usage sub-segment. Annual electricity consumption for these customers is lower than average year-round residential customers and their load profile is also different with usage climbing from May/June, peaking in July/August, and dropping in September/October to a base winter level. This sub-segment has load present throughout the entire year (although at low levels) without any prolonged periods of zero usage. Approximately 9,000 of these meters are read manually or have unreliable automated meter readings.

Given the above characteristics of these customers, and given the guiding principles identified previously, it is proposed that:

- Manual meter reading frequencies remain the same at once per year;
- Customers with manually or automatically read meters be provided the choice of moving to more frequent residential billing if enrolled in electronic billing;

- Customers with manually read meters that are TOU exempt continue to be provided the opportunity to perform and submit "self-readings" to minimize estimated bills.

- Customers remaining on paper-based bills continue to be billed at their existing seasonal frequencies (quarterly).

This proposal provides customers with choice in more frequent billing if desired while minimizing billing costs. The incremental savings of electronic billing, depending on uptake, is up to $312K.

3) Seasonal Low Usage Sub-Segment Scenario (<100kWh)

Approximately 35% of seasonal customers are in the low usage sub-segment, for which electricity consumption is much lower than average year-round residential customers.

While the load profile is somewhat similar to medium usage seasonal customers, the peak usage in July/August period is significantly less at 150 kWh/month (vs nearly 500 kWh for medium usage customers) and the usage drops dramatically to almost zero consumption at the base winter level (compared to 300 kWh for the medium use category). In this sub-segment, unlike residential consumers, there are prolonged periods of zero consumption during the winter months. Approximately 9,800 of these meters are read manually or have unreliable automated meter readings.

Given the above characteristics of these customers, and given the guiding principles identified previously, it is proposed that:

- Manually read meters continue to be read once per year but paper-based billing frequency be reduced from quarterly to semi-annually (pre-1998 levels);

- Customers with manually read meters that are TOU exempt continue to be provided the opportunity to perform and submit "self-readings" to minimize estimated bills;

- Customers with manually or automatically read meters have the choice of moving to more frequent monthly billing if enrolled in electronic billing.

This proposal aims to meet the billing needs of traditional low usage summer peaking seasonal customers and manage costs. It also provides customers with the option of more frequent billing if desired through enrolling in electronic billing. The incremental savings of reducing billing frequency from quarterly to semi-annually is approximately $113k and the incremental savings of electronic billing, depending on uptake, is up to

approximately $12k. The key advantages and disadvantages of Option C are summarized in Table 18.

Table 18
Advantages and disadvantages of Option C

Option C: Usage Based Meter Reading and Billing Frequencies	
Change in Billing and Meter Reading Costs (Savings): (~$95k) depending on e-billing Uptake	
Advantages	**Disadvantages**
• Enhances customer service by providing the opportunity for more frequent billing for both manually and automatically read customers • Increases meter reading frequency for manually read high use customers with load profiles similar to residential class, better aligning usage and billing. • Reduces overall billing and meter reading costs by up to approximately $95k depending on electronic billing uptake. • Encourages use of more environmentally friendly and low cost electronic billing. • Maintains the status quo for billing and meter reading frequencies for most customers even without the move to electronic billing. • Recognizes the different wants and needs of sub-segments of the seasonal customer group.	• Has significant implementation and ongoing administrative costs related to complexity and requirement to annually review and monitor seasonal consumption levels, and resulting annual changes to customer billing and meter reading frequencies that would likely lead to customer dissatisfaction • Reduces paper-based billing frequency to low use customers. • Upon reclassification, provides different levels of billing and meter reading service between customers in the same class paying the same delivery rate. • Requires customer action (i.e., enrolling in e-billing) to increase billing frequency. • Would require an OEB exemption from DSC sections 2.6.1A, 2.10.1 and 7.11.1 related to monthly billing estimated reads, as these would no longer be “Seasonal Class” customers.

6.3 Summary of Billing and Meter Reading Frequency Options and Recommendation

Table 19 presents a summary of the key characteristics of the four options identified and assessed.

Table 19
Summary of meter reading and billing frequency options

	Meter Reading Frequency				Billing Frequency				Cost (Savings**)
	Automatic		Manual*		Automatic		Manual		($)
Option A: Adopt Seasonal Levels	4/yr		1/yr		4/yr		4/year		0
Option B: Adopt Residential Class Levels	12/yr		4/yr		12/yr		12/yr		~4.7M
Option C: Adopt Usage Based Levels	**Paper**	**E-Bill**	**Paper**	**E-Bill**	**Paper**	**E-Bill**	**Paper**	**E-Bill**	
High Usage	4/yr	12/yr	4/yr	4/yr	4/yr	12/yr	4/yr	12/yr	~342k
Medium Usage	4/yr	12/yr	1/yr	1/yr	4/yr	12/yr	4/yr	12/yr	(~312k)
Low Usage	4/yr	12/yr	1/yr	1/yr	4/yr	12/yr	2/yr	12/yr	(~125k)

* Customers with manually read TOU exempt meters can provide self-reads under any proposal to eliminate the need for estimated bills.

** Savings estimates for Options B and C based on maximum (100%) e-billing uptake

Option A, while having the advantages of maintaining meter reading costs and creating no disruption to customers associated with changes to meter reading and billing frequencies, does not recognize variability in usage within the Seasonal Class, resulting in high usage customers with identical characteristics to other customers in the same residential class and paying the same delivery rates, having lower levels of billing and meter reading service.

Option B, while having the advantage of increased billing frequency for all seasonal customers, is the highest cost option at approximately $4.7M. It also does not recognize variability in usage within the Seasonal Class, resulting in very low usage summer peaking customers with extended periods of zero consumption being provided billing and meter reading service that likely exceeds their expectations and needs.

Option C is designed to align billing needs and usage characteristics. It provides customer choice for more frequent billing and the opportunity for savings through more environmentally friendly and convenient e-billing. While paper-based billing frequency for very low usage customers is proposed to be reduced from quarterly to semi- annually (former 1998 levels), customers have the option of moving to monthly billing if desired. Manual meter reading frequency will increase to residential (quarterly) frequency for the high usage sub-segment while the medium and low usage sub-segments will remain at current levels. Customers always have the opportunity to increase meter readings through self-reads to minimize estimated bills. Option C is complex and has significant implementation and ongoing administration costs.

When the Seasonal Class is eliminated per the March 2015 Decision, Option C is proposed as it best balances the criteria of fairness, and minimizes overall billing and meter reading costs while meeting customer needs. Selection of this option would, however, require Hydro One to seek OEB exemption to the DSC requirements in sections 2.6.1A, 2.10.1 and 7.11.1 related to monthly billing and the use of estimated reads for a significant number of seasonal customers in the UR, R1 and R2 residential classes.

7 CONDITIONS OF SERVICE CONSIDERATIONS

Elimination of the Seasonal rate class per the March 2015 Decision would require Hydro One to make a number of changes to its Conditions of Service. Most of these would be administrative in nature, reflecting the elimination of the Seasonal Class and the addition of a new billing frequency.

Section 3.1 of the conditions of service, which covers the definitions of Hydro One's rate classes consistent with the approved rate schedules, would need to be revised to reflect the elimination of the Seasonal Class and that the residential rate classification will now consist of two sub-categories of residential service: year round and seasonal.

8 IMPLEMENTATION

The elimination of the Seasonal Class per the March 2015 Decision represents a significant change to Hydro One's rate class structure that will impact the rates for *all* customer classes. Implementation of the elimination of the Seasonal Class is still subject to OEB approval, and entails significant efforts and costs, as discussed below. In addition, in its 2021 Custom IR update application (EB-2020-0030), Hydro One has proposed new distribution rates, retail transmission service rates and rate riders for the disposition of regulatory assets and the Earning Sharing Mechanism effective January 1, 2021, with the assumption that the existing rate class structure will remain in place until December 31, 2021.

Implementing the elimination of the Seasonal Class on January 1, 2022 will align with the expiry of the 2021 rates to be approved in EB-2020-0030 and the planned resetting of new base rates for 2022. Attempting to implement the elimination of the Seasonal Class mid-year in 2021 will require the unraveling of the 2021 base rates and rider amounts that are expected to be approved before the end of 2020. A 2021 mid-year rate change would also result in customers experiencing three billing changes within a 12-month period[29], resulting in customer confusion and dissatisfaction.

For these reasons, Hydro One submits that the earliest feasible effective and implementation date for the elimination of the Seasonal Class is January 1, 2022.

8.1 Implementation Efforts and Costs

The elimination of the Seasonal Class entails a large number of billing, metering reading, communications, CIS and business process changes. It is estimated that the cost to implement these changes would be in the range of $3M - $4M.

Eliminating the Seasonal Class and implementing the proposed mitigation plan would require extensive efforts associated with the following:

- Confirming the density classification of all seasonal customers and making the required changes in CIS to move all seasonal customers to the UR, R1 and R2 residential classes.

[29] January 1, 2021 (new 2021 rates); Mid-year 2021 (Elimination of seasonal class); and January 1, 2022 (new 2022 rates).

- Modifying CIS to identify the sub-categories of year round and seasonal residences within the UR, R1 and R2 rate classifications for purpose of implementing the mitigation options and administration of the different treatment of the RRRP and DRP requirements for customers within the same class.

- Annual monitoring to determine the prior year's consumption for seasonal-R2 customers for the purposes of establishing credit eligibility and credit amounts, and for all seasonal customers for establishing billing and meter reading frequencies.

- On-going administration of the mitigation credit (e.g. updating the billing system annually to identify which customers get the credit and updating applicable credit amounts).

- Tracking and annual disposition of the mitigation credit variance account.

- Developing and implementing a customer communications plan about the changes to rates and billing practices for seasonal customers, and responding to the large number of customer inquiries these changes are anticipated to generate.

- Applying for exemption from Distribution System Code requirements related to monthly billing and the use of estimated reads for "seasonal" customers classified in Hydro One's UR, R1 and R2 residential classes.

8.2 OEB Approvals and Timing of Implementation

In its March 7, 2019 Decision on Hydro One's 2018-2022 Distribution Rate Application (EB-2017-0049), the Board approved Hydro One's 2018 Cost Allocation Model (CAM), the 2018-2022 rate design methodology (for distribution and retail transmission service rates) and the 2018-2022 rate class charge determinants with the assumption that the Seasonal Class would remain in place for the 2018 to 2022 period.

Implementing the elimination of the Seasonal Class on January 1, 2022 will require the OEB to approve the updated allocation of 2022 costs by rate class, 2022 rate design methodology and 2022 charge determinants without the Seasonal Class, as proposed in this report. It is Hydro One's expectation that these items will be examined and approved as part of the Seasonal Class Elimination Proceeding (EB-2016-0315). Hydro One also expects that the timing of this approval will allow for implementation of the Seasonal

Class to align with Hydro One's filing of its 2022 Custom IR update application for rates effective January 1, 2022[30].

Hydro One further recommends that any changes related to eliminating the Seasonal Class not be applied retroactively. Attempting to apply the changes retroactively will require unwinding and recalculating all previously approved distribution rates, foregone revenue rate adjustments, earning sharing mechanism and regulatory asset rider amounts. This would then necessitate the cancelling and reissuing of monthly bills for over 1.3 million Hydro One customers over multiple years[31]. As such, Hydro One recommends that the implementation should be applied only on a go-forward basis.

8.3 Alternative Implementation Date for Consideration

While Hydro One recommends that the earliest possible elimination of the Seasonal Class be effective and implemented as of January 1, 2022, there are several factors that support an implementation date of January 1, 2023.

A January 1, 2023 effective and implementation date will align with the end of the Board approved 2018-2022 rate framework and the start of a new 2023-2027 rate period. [32] Aligning the elimination of the Seasonal Class with the start of a new rate period will allow for a more accurate reflection of the impact of eliminating the Seasonal Class given that the 2023-2027 rate application will include a more current run of the CAM and updated rate design charge determinants reflecting the latest load forecast. In addition, as shown in section 4, the amount of mitigation credit required under all options decreases as with a later implementation date.[33] As such, a January 1, 2023 effective and implementation date will reduce the amount of mitigation credit, which imposes a smaller burden on all customers when the mitigation credit variance account amount is eventually disposed of.

[30] Hydro One plans to file its 2022 Custom IR update application sometime in Q3 of 2021.

[31] Among the many complications that exist when cancelling and rebilling customers over multiple years is the issue of what to do in the case of customers that have switched rate classifications, switched LDCs, or businesses that no longer exist.

[32] Hydro One currently plans to file its 2023-2027 Custom IR application in Q3 2021.

[33] For a low-volume seasonal-R2 customer, a material portion of its bill increase is due to the transition to all-fixed residential distribution rate. The mitigation credit amount will continue to decrease as the transition to all-fixed residential rates is completed in 2024.

List of Appendices

Appendix A – Stakeholder Material (presentations, notes, feedback sheets)

Appendix B – 2018 Seasonal Status Quo CAM Inputs and Outputs

Appendix C – 2018 Seasonal Eliminated CAM Inputs and Outputs

Appendix D – 2018 to 2022 Seasonal Status Quo and Seasonal Eliminated Rate Design

Appendix E – RRWF for Move to All Fix Residential Distribution Rates (2019-2022) Under Seasonal Eliminated Scenario

Appendix F – 2022 Bill Impact Sheets for Seasonal Status Quo Scenario

Appendix G – 2022 Bill Impact Sheets for Seasonal Eliminated Scenario

Appendix A

Stakeholder Material
(presentations, notes, feedback sheets)

Elimination of the Seasonal Rate Class Implementation Plan

Stakeholder Session
Wednesday June 10, 2015
DoubleTree Hotel by Hilton – The Victoria Room
108 Chestnut Street
1:00 – 4:00pm

OVERVIEW

On June 10th, 2015 Hydro One Networks Inc. hosted a stakeholder session with intervenors and OEB staff in Hydro One's distribution application EB-2013-0416. The purpose of this meeting was twofold: 1) to share and seek feedback on rate options for eliminating the seasonal rate class; and 2) to share and seek feedback on billing and meter reading options for seasonal customers. 16 stakeholders, representing 11 different organizations attended the meeting as well as the 8 representatives from Hydro One Networks Inc. The participant list and meeting agenda are attached.

The stakeholder session included welcoming remarks from Ian Malpass (Director Pricing, Hydro One Networks), a presentation on "Options for Eliminating the Seasonal Rate Class" delivered by Henry Andre (Manager Distribution Pricing, Hydro One Networks), followed by a questions and feedback period, a presentation on "Billing and Meter Reading Options for Seasonal Customers" delivered by Danny Relich (Director Billing and Collections, Hydro One Networks) followed by a questions and feedback period, and closing remarks delivered by Ian Malpass.

This draft summary was written by Matthew Wheatley and Nicole Swerhun, who provided independent facilitation services for the stakeholder session. It provides a high level summary of the main points shared by participants as captured in the "live" notes written during the meeting, and is not intended as a verbatim transcript of the meeting. The meeting was not audio recorded.

*If you have any suggested edits to this draft summary, please forward them to Matthew Wheatley by **Monday, July 13, 2015** at mwheatley@swerhun.com or by phone at (416) 572-4365. The draft summary will then be edited, as necessary, and finalized. The final summary will again be distributed to all participants.*

Note that there are two appendices to this draft summary (attached separately), including:

Appendix 1. Two presentations made at the meeting (including the one extra slide shared)
Appendix 2. 3 written submissions with feedback received from stakeholders, including Brady Yauch (Energy Probe), Balsam Lake Coalition, FOCA (letter)

NOTE:	**This draft summary reflects what happened during the meeting and does not attempt to integrate the written feedback received after the meeting. Please see Appendix 2 for the additional feedback received.**

DRAFT FEEDBACK SUMMARY – For Participant Review

Part 1 – Options for Eliminating the Seasonal Rate Class

Henry Andre, Manager Distribution Pricing, Hydro One Networks, delivered an overview presentation that described options for eliminating the Seasonal Rate Class, as well as four questions to prompt participant feedback. These questions are listed below, followed by a summary of the discussion.

1. Consider the two bill impact mitigation options presented. Are there other bill impact mitigation options you would like to see Hydro One consider? If so, what are they?
2. Consider the pros and cons related to the bill impact mitigation options. Do you have any additions and/or suggested edits to the list of pros and cons identified?
3. Which bill impact mitigation option do you prefer?
4. Do you have any other advice for the Hydro One team as they develop their August 4th report to the OEB?

Feedback from the discussion is reflected in the six points below. The **bolded text** reflects the common themes emerging from the feedback. More detailed comments are included underneath in a list of bullet points. Note that the speakers making each comment are included in brackets ( ) and *italics* following the point.

1. **There were a number of concerns raised related to Option 2 (8-year phase-in of rates), and fewer concerns related to Option 1 (phase-in via credits).**

   Other bill impact mitigation options were suggested by participants for Hydro One to consider, including:

   - An option that sees all rate classes share in the redistribution of costs associated with elimination of the seasonal rate class;
   - An option that combines multiple options; and
   - A general suggestion that Hydro One consider an option that does not marry who-benefits to who-pays.

   Along with these additional options, other "cons" to consider when evaluating options were also raised, including: the potential loss of customers; the degree to which an option is punitive on the demand classes, and could have the effect of being a tax on small town jobs.

   See additional feedback below:

   - I am not keen on options 2 or 2b as both models overlook the fact that all classes, regardless of the revenue-to-cost ratio, have paid less than they otherwise would have if the seasonal classes had been part of the other classes all along. All classes should pay for the mitigation measures related to the elimination of the seasonal rate class. *(Ted Cowan – OFA)*
   - Concern that implementing either option 2 or 2b will result in loss of customers due to significant increases in the variable charge. Customers who expected to be paying

less would be paying more and may decide to find alternative sources of electricity. *(Ted Cowan – OFA)*

- Options 2 and 2b are also problematic because they are punitive on the demand classes. These options result in the creation of a tax on small town and rural jobs in order to save cottagers approximately $35 a month. *(Ted Cowan – OFA)*
- Need an alpha and beta analysis, as there is currently a beta error. *(Ted Cowan – OFA)*
- Hydro One should explain why the impacts of eliminating the Seasonal class are spread across all classes and not just being spread across only the residential classes. *(Bill Harper – VECC)*
- The implementation of the redistribution of costs could be done through a combination of options, not just one or the other. *(Bill Harper – VECC)*
- I agree entirely that all rate classes should contribute to the mitigation measures required. *(Nick Copes – Balsam Lake Coalition)*
- We are also concerned about potential negative impacts on demand customers. *(Emma Blanchard – CME)*
- Will need to identify why GSd and UGd classes pay more as a result of eliminating the Seasonal class. *(Bill Harper – VECC)*
- It is not necessary for Hydro One to marry who benefits and who pays. *(Bill Harper – VECC)*

2. **The need to clarify the list of assumptions that informed the analysis was raised by a number of participants.**
   - This proposal does not take into account the RRRP and the fact that a large number of customers are part of section 72. *(Bill Cheshire – Balsam Lake Coalition)*
   - It seems that it will be impossible to develop a plan for mitigation that has any credibility because of all the changes and moving parts, including moving to all fixed and the elimination of the seasonal rate class. *(Roger Higgin – Energy Probe)*
   - Need to clearly explain how the fixed charge for the R2 class will be impacted, including how the RRRP funding will be used to mitigate cost to customers in the R2 class. *(Michael Buonaguro – Balsam Lake Coalition)*

3. **One participant suggested that Hydro One consider pre-filing the application before going into a hearing at the Ontario Energy Board.**
   - Because of the detailed analysis and number of assumptions that will need to be explained through this process, Hydro One should consider the value of having a pre-filing meeting with the OEB to increase the likelihood of a smooth process. *(Source not attributed)*

4. **The consumption bands used could be adjusted to catch more of the outliers.**
   - The OEB is going to be concerned about the outliers and you will need to develop a strategy for dealing with them. *(Julie Girvan – CCC)*
   - In theory you could simply adjust the proposed consumption bands in order to catch more of the outliers. Additionally, if the number of bands are increased the differences between the bands will be less. *(Michael Buonaguro – Balsam Lake Coalition)*

5. **One participant suggested that Hydro One consider increasing the number of regional rate classes.**
   - The elimination of the seasonal rate class, combined with the move to an all fixed rate, is going to create such a significant difference between the R1 and R2 rate classes that Hydro One should seriously consider whether there is a need to add another rate class. *(Ian White – FOCA)*

6. **Education and clear communication with customers will be essential to the elimination of the Seasonal Rate Class.**
   - Hydro One needs to be clear about its interpretation of the 10% stipulated by the Ontario Energy Board – whether just looking at the impact of eliminating the Seasonal class or all factors in 2016 impacting rates. *(Bill Harper – VECC)*
   - No matter which option is implemented, effectively communicating the elimination of the Seasonal Rate Class to customers presents an enormous challenge. It would be useful to start communicating this change to customers now. *(Julie Girvan – CCC)*

Part 2 – Billing and Meter Reading Options for Seasonal Customers

Danny Relich, Director Billing and Collections, Hydro One Networks, delivered an overview presentation that described billing and meter reading options for Seasonal customers, as well as four questions to prompt participant feedback. These questions are listed below, followed by a summary of the discussion.

1. Consider the three bill and meter reading options presented. Are there other options you would like to see Hydro One consider? If so, what are they?
2. Consider the pros and cons related to the bill and meter reading scenarios. Do you have any additions and/or suggested edits to the list of pros and cons identified?
3. Which bill and meter reading scenario do you prefer?
4. Do you have any other advice for the Hydro One team as they develop their August 4th report to the OEB?

Feedback from the discussion is reflected in the five points below. The **bolded text** reflects the common themes emerging from the feedback. More detailed comments are included underneath in a list of bullet points. Note that the speakers making each comment are included in brackets ( ) and *italics* following the point.

1. **No clear preference was expressed during the meeting for any of the three bill and meter reading options presented.** Also no additional options were suggested.

2. **As raised regularly in past feedback, one participant would like to see Hydro One update their terminology to better reflect infrastructure charges and reduce customer confusion.**
   - Rather than “delivery charge” call it a keeps the line in place” charge so that customers know if they disconnect and reconnect their service they will still be charged the “keeps the line in place” charge. *(Ted Cowan – OFA)*

3. **There were concerns raised about issues that some customers have with estimated bills.**
   - One of the major issues with estimated bills is that customers often receive a bill, which does not coincide with their consumption for a particular month or billing period. This is especially problematic when the estimated bill is higher than actual use. *(Roger Higgin – Energy Probe)*

4. **The current rate class changes present an excellent opportunity to promote a large-scale shift to electronic billing and equal billing.**
   - The communication materials going out to customers about the elimination of the seasonal rate class should also include information on switching from paper to electronic bills. *(Bill Cheshire – Balsam Lake Coalition)*
   - Continue to educate customers about opportunities to move to equal billing plans. *(Roger Higgin – Energy Probe)*
   - Hydro One should learn from the experiences of other utilities and banks that have used incentives to encourage customers to shift from paper to electronic billing/communication. *(Ian White – FOCA)*

5. **Education and clear communication will be important no matter which option is selected.**
   - Customers are used to receiving their bills in a certain way, for this reason it will be very important to communicate with customers to understand what they are looking for and explain the different billing options available to them *(Julie Girvan – CCC).*

6. **Provide a clear explanation of all changes to Conditions of Service**
   - All changes to Hydro One's Conditions of Service need to be explained to customers, especially those that relate to disconnect/reconnect charges and services. *(Bill Harper – VECC).*

WRAP UP & NEXT STEPS

Ian Malpass wrapped up the meeting by thanking participants for coming and for the quality feedback provided. He indicated that the Hydro One team would carefully review the perspectives and advice shared, and make decisions on how best to reflect the feedback in Hydro One's next steps in preparing for their OEB submission. He reminded participants that Hydro One's submission is due in August 2015.

Nicole Swerhun confirmed that the draft meeting summary would be distributed to participants for their review before being finalized. Also, any additional comments on either presentation would be accepted up until June 19th.

PARTICIPANT LIST

The following is a list of participants that attended the meeting and the organizations they represent.

Stakeholders

1. Alfredo Bertolotti, Power Workers' Union (PWU)
2. Bill Cheshire, Balsam Lake Coalition
3. Bill Harper, Vulnerable Energy Consumers Coalition (VECC)
4. Brady Yauch, Energy Probe
5. David MacIntosh, Energy Probe
6. Emma Blanchard, Canadian Manufactures & Exporters (CME)
7. Harold Thiessen, Ontario Energy Board Staff (OEB)
8. Ian White, Federation of Ontario Cottagers Associations (FOCA)
9. Julie Girvan, Consumers Council of Canada (CCC)
10. Michael Buonaguro, Balsam Lake Coalition
11. Nick Copes, Balsam Lake Coalition
12. Roger Higgin, Energy Probe
13. Shelley Grice, Association of Major Power Consumers of Ontario (AMPCO)
14. Ted Cowan, Ontario Federation of Agriculture (OFA)

Hydro One Networks Inc.

1. Allan Cowan – Director, Major Applications
2. Danny Relich (Presenter) – Director, Billing and Collections
3. Erin Henderson -
4. Henry Andre (Presenter) – Manager, Distribution Pricing
5. Ian Malpass – Director, Pricing
6. Kevin Mancherjee – Senior Regulatory Advisor
7. Maxine Cooper – Senior Regulatory Advisor

Swerhun Facilitation

1. Nicole Swerhun, Facilitator
2. Matthew Wheatley, Note taker

MEETING AGENDA

1:00 pm	**Welcome** Ian Malpass, Director Pricing, Hydro One Networks
1:05	**Introductions and Agenda Review** Nicole Swerhun, Swerhun Facilitation
1:10	**Rates Options for Eliminating the Seasonal Rate Class** Henry Andre, Manager Distribution Pricing, Hydro One Networks
2:00	**Questions of Clarification and Feedback Period** Nicole Swerhun, Swerhun Facilitation
2:45	**Break**
2:55	**Billing and Meter Reading Options for Seasonal Customers** Danny Relich, Director Billing and Collections, Hydro One Networks
3:25	**Questions of Clarification and Feedback Period** Nicole Swerhun, Swerhun Facilitation
3:55	**Next Steps and Session Wrap Up** Ian Malpass, Director Pricing, Hydro One Networks

DRAFT

OPTIONS TO ELIMINATE SEASONAL RATES





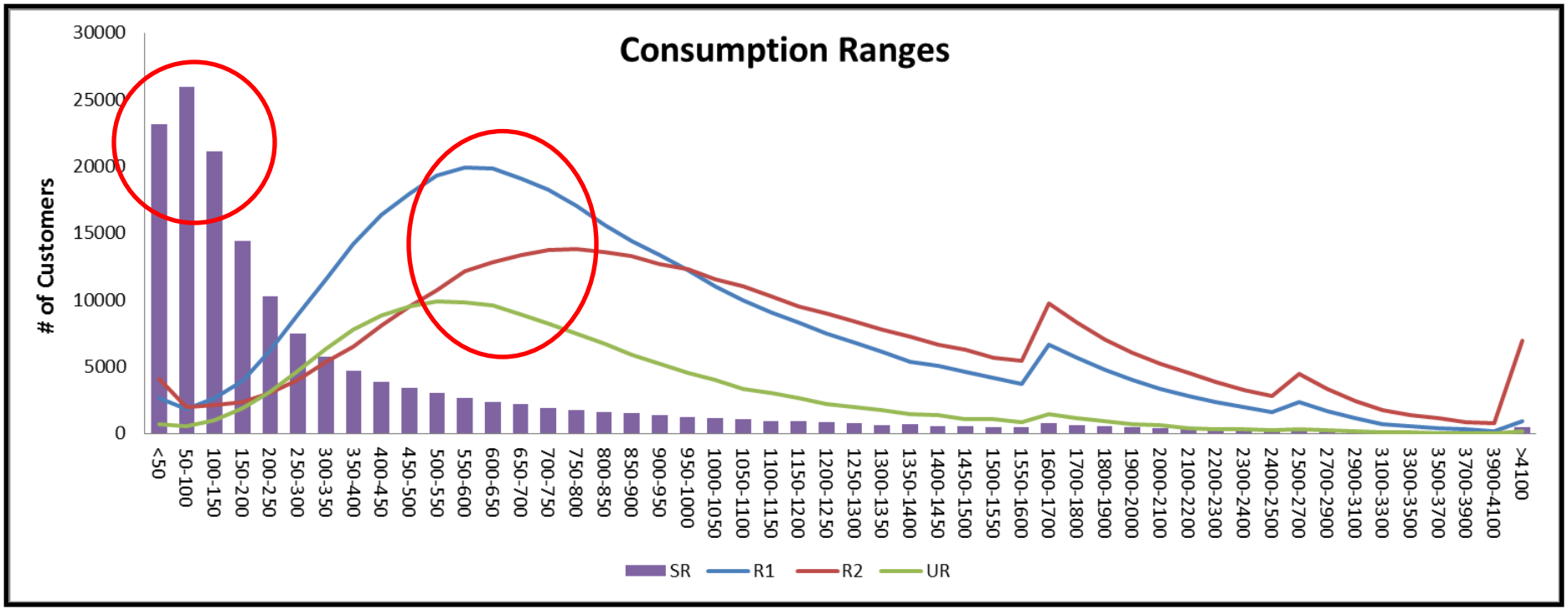


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OEB Direction

- In EB-2013-0416 Decision OEB determined the Seasonal customer classification is no longer justified.
- Hydro One to bring forward a plan for the elimination of the seasonal class by August 4, 2015.
- Plan should propose a phase-in period for those customers expected to experience a total bill impact of greater than 10% as a result of migrating to another class.
- OEB will conduct a hearing to examine the rate mitigation issues in the plan with the intent to implement the initial rate changes January 1, 2016.

Seasonal Class



Monthly Consumption	# of Customers
<50	23,140
50-100	25,954
100-150	21,117
150-200	14,382

Consumption Range	# of Customers
200-400	28,120
400-800	21,205
800-1200	9,762
>1200	10,810

Breaking up the Seasonal Class

- Seasonal customers included as part of Density Review and included in defining density zones
- 2016 forecast Seasonal customers by density class

R2: 83,900 R1: 70,300 UR: 270 TOT: 154,490

Consumption Range

	0-50	50-100	100-150	150-200	200-400	400-800	800-1200	1200-1600	>1600
S R1%	13	16	14	9	19	15	7	3	3
S R1#	9300	11300	9600	6600	13400	10600	4800	2300	1900
S R2%	16	17	14	9	17	13	6	3	4
S R2#	13800	14600	11500	7800	14700	10600	5000	2800	3700

Cost Allocation

- 2016 model updated to reflect Board Decisions
  - Includes all changes approved for 2015 model
  - Updated for 2016 revenue requirement
  - “Seasonal Status Quo”
- 2016 model updated to reflect elimination of the Seasonal class
  - Updated # of customers and kWh for UR, R1 and R2 to include Seasonal customer values
  - Updated load profiles for “new” residential rate classes
  - “Seasonal Eliminated”

Cost Allocation Model (CAM) Results

Seasonal Status Quo

	UR	R1	R2	S	GSe	GSd	UGe	UGd	StLg	SnLg	USL	DG	ST
Rev *	101.5	338.7	514.9	115.1	162.5	127.7	20.2	27.0	11.7	7.0	3.6	2.8	47.5
Cost	80.5	285.0	557.2	110.8	160.1	148.4	22.6	31.1	13.2	7.7	2.9	6.6	54.3
R/C	1.26	1.19	**0.92**	1.04	1.02	**0.86**	0.89	**0.87**	0.88	0.90	1.23	0.43	0.88

* 7.3% uniform increase to rates required to match 2016 costs

Seasonal Eliminated

	UR	R1	R2	S	GSe	GSd	UGe	UGd	StLg	SnLg	USL	DG	ST
Rev *	100.9	370.8	601.4	-	161.3	126.8	20.0	26.8	11.6	7.0	3.6	2.8	47.2
Cost	79.5	313.9	631.0	-	161.8	154.3	22.9	32.2	13.1	7.7	2.9	6.5	54.2
R/C	1.27	1.18	**0.95**	-	1.00	**0.82**	0.87	**0.83**	0.88	0.90	1.23	0.43	0.87

* 6.5% uniform increase to rates required to match 2016 costs

Impacts of Eliminating Seasonal Class

Rate Class	Typical Monthly Consumption (kWh/kW)	Seasonal Status Quo Change in Total Bill 2015-2016		Seasonal Eliminated Change in Total Bill 2015-2016	
		$	%	$	%
UR	800	($0.37)	-0.3%	($0.95)	-0.7%
R1	800	$1.04	0.6%	$0.88	0.5%
R2	800	$5.85	3.2%	$5.20	2.8%
S to UR	400	$4.23	3.6%	($34.76)	-29.4%
S to R1	400	$4.23	3.6%	($20.91)	-17.7%
S to R2	400	$4.23	3.6%	$26.96	22.8%
GSe	2,000	$9.36	2.3%	$8.14	2.0%
UGe	2,000	$7.45	2.2%	$7.11	2.1%
GSd	35000/120	$288.99	4.3%	$326.66	4.9%
UGd	35000/120	$155.28	2.6%	$171.88	2.9%

Seasonal to R2 Impacts

Breakout of impacts on Seasonal customers moving to R2 rate class

kWh	# of Cust	2015 Monthly Bill	2016 Monthly Bill	Change $	Change %
50	13,800	42.22	78.44	36.22	85.8
100	14,600	53.09	87.99	34.90	65.7
150	11,500	63.97	97.54	33.58	52.5
200	7,800	74.84	107.10	32.25	43.1
400	14,700	118.34	145.30	26.96	22.8
800	10,600	205.34	221.71	16.37	8.0
1,200	5,000	292.33	298.12	5.79	2.0
2,000	4,300	466.32	450.94	-15.39	-3.3

Bill Impact Mitigation

- No impact mitigation required for Seasonal moving to UR and R1 residential rate classes
- Mitigation required for Seasonal moving to R2
- Mitigation options considered:
    1. “Phase-in Via Credits”: move to full R2 rates in 2016 and apply credits to limit impacts to 10%
    2. “Phase-in Rates Over 8 Years”: move to R2 fixed rates over 8 years

Phase-in Via Credits

2015 Rates	
S	F=$28.62 V=$0.0764/kWh
R2	F=$65.52 V=$0.0424/kWh



2016 Rates	
S	F=$65.52 V=$0.0493/kWh
R2	F=$65.52 V=$0.0493/kWh

Seasonal to R2 Bill Impacts

kWh	2015 Total Bill	2016 Total Bill	Change 15 to 16	% Change	2016 Mitigated Bill (2015 + 10%)	Bill Credit to Limit Impact to 10%
50	42.22	78.44	36.22	85.8	46.44	32.00
100	53.09	87.99	34.90	65.7	58.40	29.59
150	63.97	97.54	33.58	52.5	70.36	27.18
200	74.84	107.10	32.25	43.1	82.34	24.77
400	118.34	145.30	26.96	22.8	130.17	15.13
600	161.84	183.50	21.67	13.4	178.02	5.48
800	205.34	221.71	16.37	8.0	224.87	0
2000	466.32	450.94	-15.39	-3.3	512.95	0

Option 1: Phase-in Via Credits

- Credits required until 2021 for lowest consumption, shorter period for higher consumption
- Use of average consumption for customers in 0-150 kWh range (i.e. 75 kWh) would result in a 2016 credit of $30.80
  - This is within +/- $3 of credits for all customers within range and would shorten mitigation period to 2020

Consumption Range	2016 Credit	2017 Credit	2018 Credit	2019 Credit	2020 Credit	2021 Credit
50	$32.00	$27.36	$22.25	$16.63	$10.45	$3.65
100	$29.59	$23.75	$17.33	$10.26	$2.49	
150	$27.18	$20.14	$12.40	$3.89		
200	$24.77	$16.54	$7.48			
400	$15.13	$2.11				
600	$5.48					
Monthly Credit	$1.8M	$1.3M	$0.9M	$0.6M	$0.3M	$0.1M

Option 1: Phase-in Via Credits

How to fund the credits paid to Seasonal R2 customers?

- Fund monthly credits via *monthly debits* to formerly Seasonal in all residential rate classes that would otherwise see bill impacts of less than 10%

E.g. Formerly Seasonal moving to R1

kWh	2015 Total Bill	2016 Total Bill	Bill Debit to Bring S R2 Impacts to 10%	2016 Mitigated Bill
50	42.22	36.92	7.14	44.06
400	118.34	97.43	24.56	121.99
800	205.34	166.58	44.47	211.05

Option 1: Phase-in Via Credits

PROS:

- Easy to communicate to customers
- Impacts of eliminating Seasonal class clearly visible to customers
- Credits targeted to *only* those Seasonal R2 customers that need them
- Shortest possible phase-in period by maintaining 10% impacts until Seasonal rates fully integrated
- Phase-in costs shared among all formerly Seasonal customers

CONS:

- Some complexities with administering credits / debits
- Delays full benefits for Seasonal customers moving to medium and high density year-round residential rate classes

Option 2: 8-Year Phase-in of Rates

2015 Rates	
S	F=$28.62 V=$0.0764/kWh
R2	F=$65.52 V=$0.0424/kWh



2016 Rates	
S	F=$33.23 V=$0.0556/kWh
R2	F=$65.52 V=$0.0556/kWh

Seasonal to R2

kWh	2015 Total Bill	2016 Total Bill	Change 15 to 16	% Change
50	42.22	45.92	3.71	8.8
100	53.09	55.80	2.70	5.1
150	63.97	65.67	1.70	2.7
200	74.84	75.54	0.70	0.9
400	118.34	115.02	-3.32	-2.8
800	205.34	194.00	-11.34	-5.5
1200	292.33	272.97	-19.36	-6.6
2000	466.32	430.91	-35.41	-7.6

Option 2: 8-Year Phase-in of Rates

PROS:

- Easy to communicate to customers
- Easy to implement

CONS:

- Disproportionate impacts across Seasonal R2 customers, with bill reductions for high volume Seasonal R2 customers while other seasonal within class see bill increases
- Year-round R2 residential customers “funding” the reduced fixed charges applicable to Seasonal R2 customers via higher variable charges may not be perceived as fair
- Seasonal customers in medium and high density residential rate classes see largest benefits as a result of eliminating Seasonal class but do not contribute to mitigation of bill impacts
- Impacts of eliminating Seasonal class not clearly visible to customers

Option 2b: 8-Year Phase-in (modified)

	2016	2017	2018	2019	2020	2021	2022	2023
R2 Fixed ($/mnth)	65.52	65.52	65.52	65.52	65.52	65.52	65.52	65.52
S-R2 Fixed ($/mnth)	33.23	37.84	42.45	47.06	51.67	56.28	60.89	65.52
Fixed charge lost revenue	$2.7M	$2.3M	$1.9M	$1.5M	$1.1M	$0.7M	$0.3M	$0
Variable (c/kWh)	5.555	5.466	5.376	5.287	5.198	5.108	5.019	4.929

- Instead of increasing variable charge for all R2 class customers, recover fixed charge lost revenue from all formerly Seasonal customers
- Same “net” effect as credit approach to mitigation but more complex to communicate and impacts of eliminating Seasonal class not as clearly visible to customers

Mitigation Summary & Recommendation

Guiding Principles

- OEB Direction
- Prior experience with mitigating large bill impacts
- Fairness (cost causality, simplicity, lack of controversy)
- Provides for full recovery of utility's costs
- Can be efficiently administered

Recommend

Option	Key Features
1. Phase-in via credits	• Impacts phased in over 4 years for majority of customers and 6 years for lowest consumption • Credits only applied where required to reduce bill impacts to 10% • Phase-in costs funded by all formerly seasonal customers • Full impacts of moving to year-round residential and required mitigation fully visible to customers
2. Phase-in fixed rates	• Impacts phased in over 8 years • Reduced fixed charge provides phase-in benefits to all S R2 even if impacts are below 10% • Reduced fixed charges during phase-in funded via higher variable charges that impact all R2 customers
2a. Modified option 2.	• Same as option 2 except phase-in costs recovered via debits from all formerly seasonal customers

RRRP

OEB decision is that RRRP cannot be applied to customers that do no meet year-round residency status (e.g. formerly Seasonal)

- RRRP was formerly known as RRA, which began in 1982. From the outset RRA did not apply to Seasonal customers
- O.Reg.442/01 came into effect in 2001 and RRA became RRRP
- O.Reg.442/01 provides a credit only to customers using properties as a year-round residence, reflecting the practice established under RRA
- Hydro One's criteria for being classified as year-round residential (and therefore eligible for RRRP) is tied to confirming principle residence status
- This same "principle residence" approach is used by Algoma, Veridian and Nova Scotia Power for their Seasonal rate classes
- Hydro One has no plans to change its residency criteria

Feedback on Presentation

- Any questions of clarification?
- Are there other options?
- Are there other pros and cons associated with the options identified?
- What option do stakeholders prefer?
- Any other advice or considerations for August 4th report?

OPTIONS TO ELIMINATE SEASONAL RATES







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Guiding Principles

- OEB direction
- Fairness
- Minimize costs of the reclassification
- Minimize overall billing and meter reading costs while meeting customer needs

Billing and Meter Reading

Hydro One depends on both manual (36K) and automatically read (115K) meters to collect information for seasonal billing (151K customers*)

Manual Meter Reading Challenges:

- Accessibility: distance, terrain, island access, impassible roads in winter, inside meters, customer refusal, historical meter placement, locked gates

Cost: average of $31 per scheduled read (more for unscheduled)

Automated Meter Reading Challenges:

- Foliage: tree density, tree type and terrain can interrupt communication signals and prevent reads from being transferred on time
- Network Coverage: cost prohibitive to cover entire Hydro One service area
- Equipment Malfunction: assets that make up the smart meter network (e.g. pole top regional collectors, repeaters and smart meters) are electronic devices and are susceptible to failure

Cost: minimal incremental cost per read

Customer Billing Information:

- Paper Bills: Costs for paper stock, envelopes, postage and handling
- e-Billing: "paperless" billing with electronic bill images and bill inserts made available to store and/or print at customer preference

Cost: $2/paper bill issued
$0.30/e-bill issued

* Data as of May 2015

Scenarios Considered

Hydro One investigated three different scenarios for elimination of the Seasonal Rate class and movement of the customers into appropriate residential classes.

Scenario **A**	Retain Seasonal Billing and Meter Read Frequencies
Scenario **B**	Adopt Residential Billing and Meter Read Frequencies
Scenario **C**	Usage-Based Billing and Meter Read Frequencies as Levers to Manage Overall Billing and Meter Reading Costs

Scenarios Considered - A

SCENARIO A – RETAIN SEASONAL BILL/READ FREQUENCIES

- Move each seasonal class customer into the appropriate residential class – urban (UR), medium (R1) or low density (R2) – based on their specific density characteristics
- Retain the current default billing and meter reading frequencies associated with the existing seasonal class
  - Bill quarterly/read annually for manually read meters
  - Bill quarterly/read quarterly for automatically read meters

Change in Current Billing and Meter Reading Costs ($0M)

Pros	Cons
Maintains current seasonal bill and meter read frequencies which have not been identified as significant dis-satisfiers by seasonal customers	Seasonal customers with similar usage characteristics are treated differently than year round residential customers with respect to bill/read frequencies
Maintains billing and meter reading costs at current levels	Difficult to rationalize discrepancy in bill/read frequencies between seasonal and year round residential customers paying the same delivery rates

Scenarios Considered - B

SCENARIO B – ADOPT RESIDENTIAL BILL/READ FREQUENCIES

- Move each seasonal class customer into the appropriate residential class – urban (UR), medium (R1) or low density (R2) – based on their specific density characteristics
- Adopt the current default billing and meter reading frequencies associated with the existing year round residential class
  - Bill monthly/read quarterly for manually read meters
  - Bill monthly/read monthly for automatically read meters

Billing and Meter Reading Costs Increase by ~$3.7M

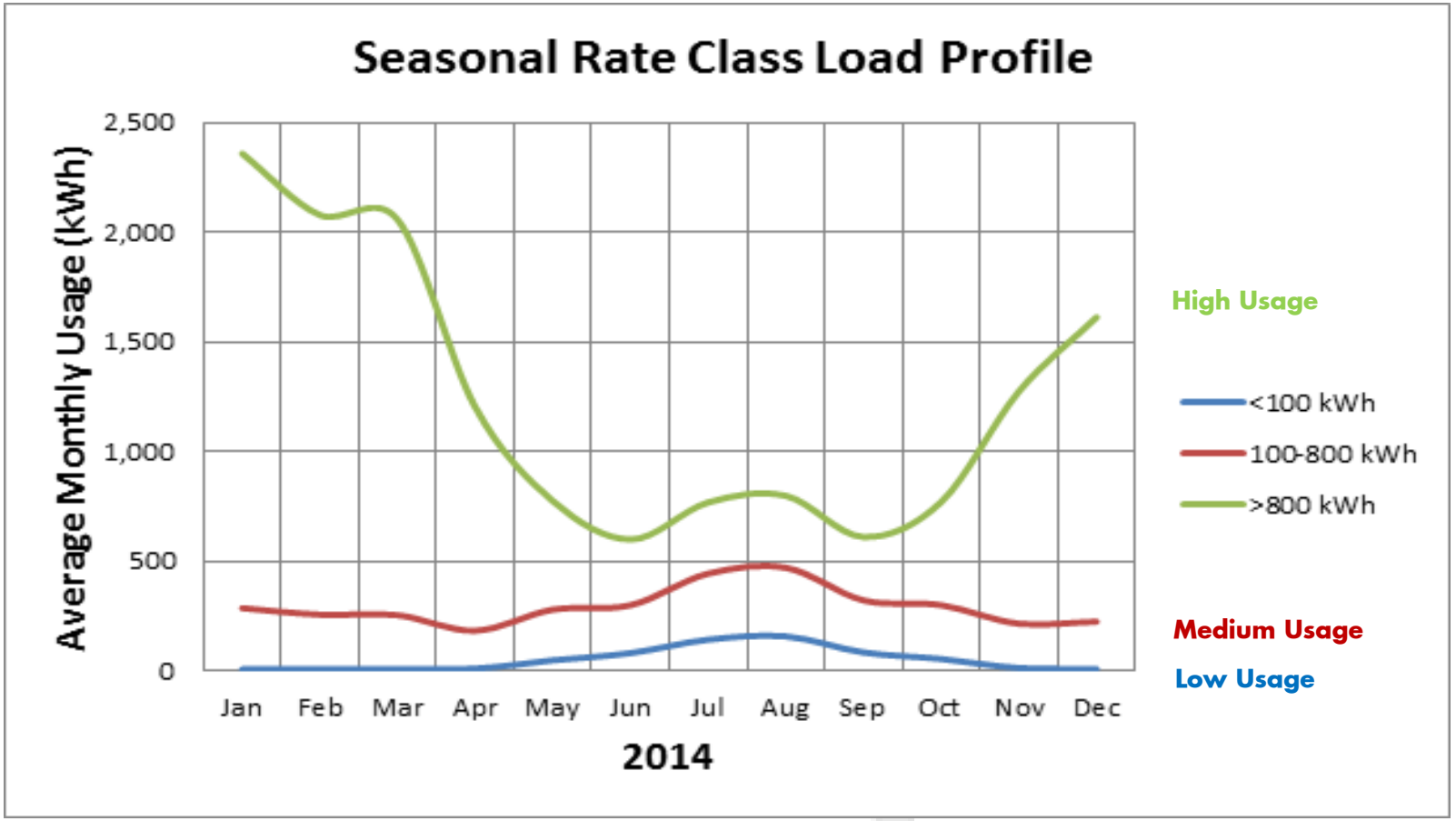
Pros	Cons
- High consumption seasonal customers likely to view increased bill/read frequencies positively	- Low consumption seasonal customers and those whose consumption is confined to a few consecutive months likely to view increased bill/read frequencies negatively
- All customers within the class who are paying the same delivery rate (seasonal and year round) have same bill/read frequencies	- Billing and meter reading costs increase significantly - Billing costs ≅ 150% - Meter reading costs ≅ 300%
	- Significant increase in call handling and exception handling costs since volume of bills is a driver of these activities
	- Significant increase in unplanned estimated bills due to accessibility of many seasonal meters during winter/spring

Scenarios Considered - C - Hybrid

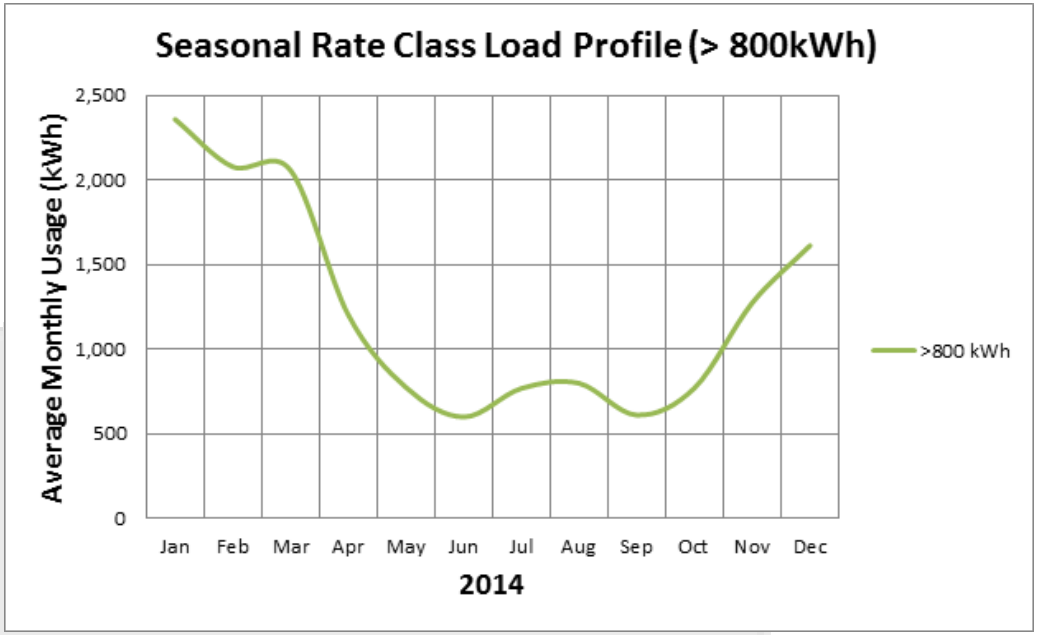
SCENARIO C – HYBRID

- Move each seasonal class customer into the appropriate residential class – urban (UR), medium (R1) or low density (R2) – based on their specific density characteristics
- Consider average monthly consumption and annual usage patterns, meter read method and availability/reliability in comparison to year round residential
- Use bill and meter read frequencies as levers to manage overall billing and meter reading costs
- Seasonal billing costs change from an increase of approximately $100K to a savings of up to approximately $400K depending on e-billing uptake

Scenarios Considered - C - Hybrid

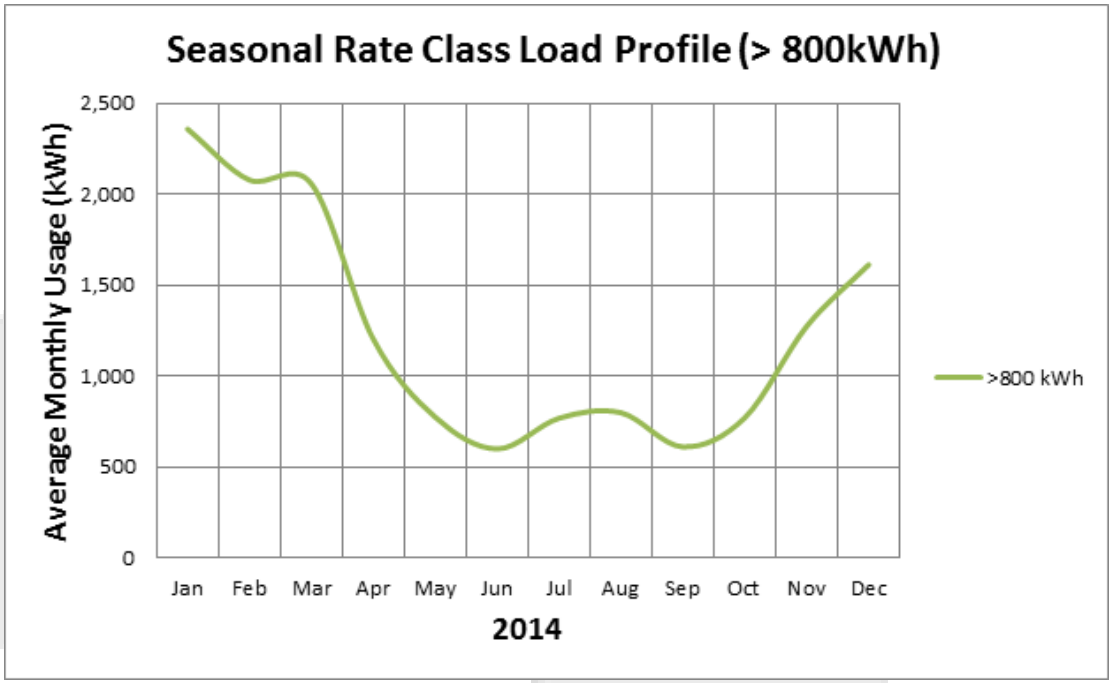


Seasonal Load Profiles – High Usage



- Represents 12% of all seasonal class customers (18K)
- 2K (11%) of these are read manually or have unreliable automated reads
- Annual electricity consumption is similar to average year round residential customers (800 kWhs/month)
- Load profile over the year is similar to year round residential customer without air conditioning load (higher usage in colder months – lower in warmer months)
- Load present throughout the entire year without any prolonged periods of zero usage

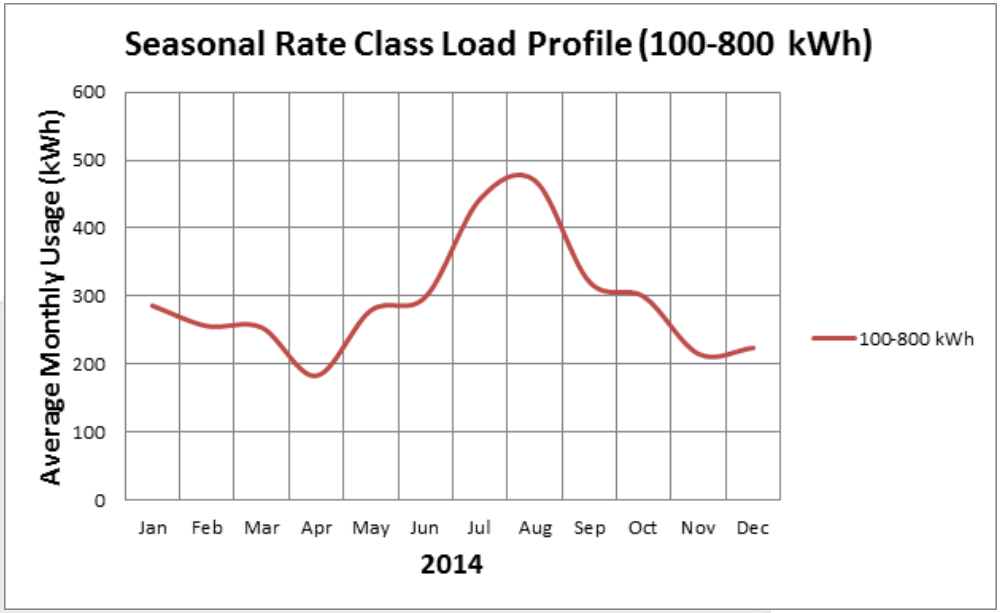
Seasonal Load Profiles – High Usage



Recommendation

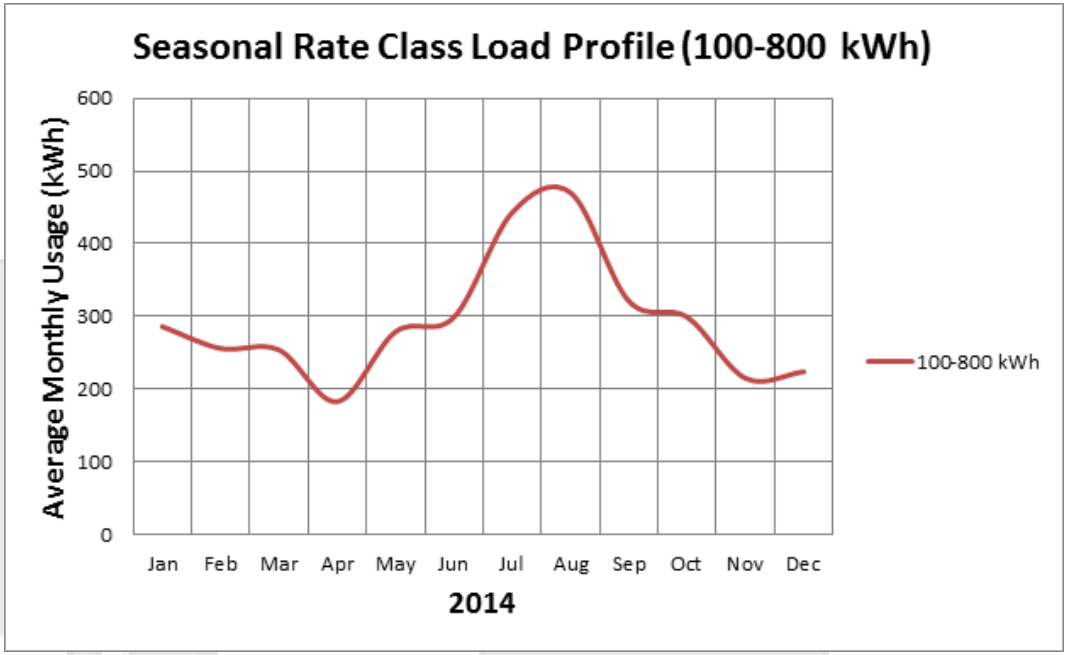
- Leave customers on existing seasonal billing frequency if paper based but move to residential billing frequency if on e-billing
- Increase manual meter read frequency to 4 times per year for TOU exempt customers
- Review eligibility for billing/meter read frequency on same frequency as Dx rate application

Seasonal Load Profiles – Medium Usage



- Represents 45% of all seasonal class customers (68K)
- 6K (9%) of these are read manually or have unreliable automated reads
- Annual electricity consumption is lower than average year round residential customers
- Load profile over the year is different than typical year round residential customer with usage climbing during May/June, peaking in July/August and dropping September/October to base winter level
- Load present throughout the entire year without any prolonged periods of zero usage

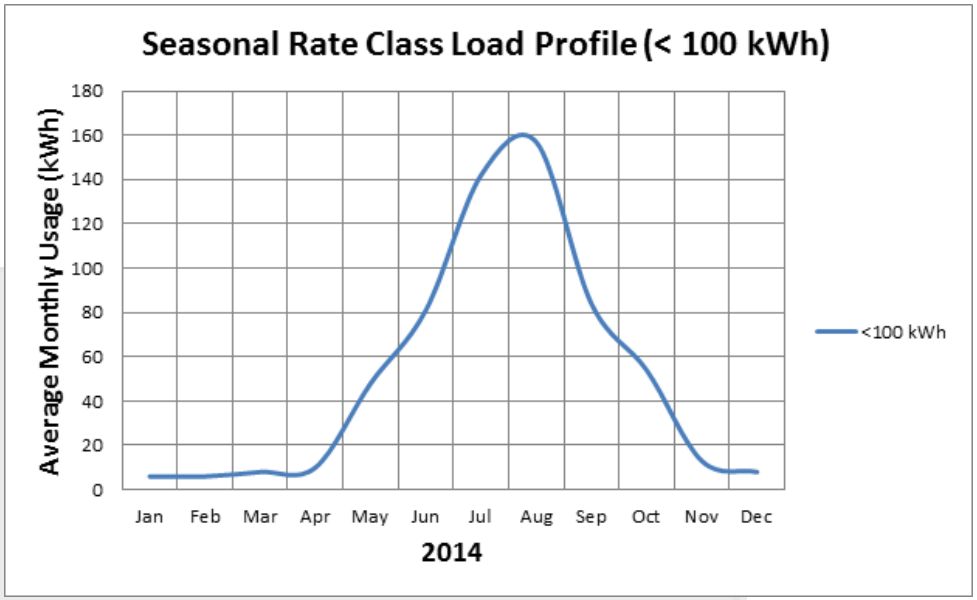
Seasonal Load Profiles – Medium Usage



Recommendation

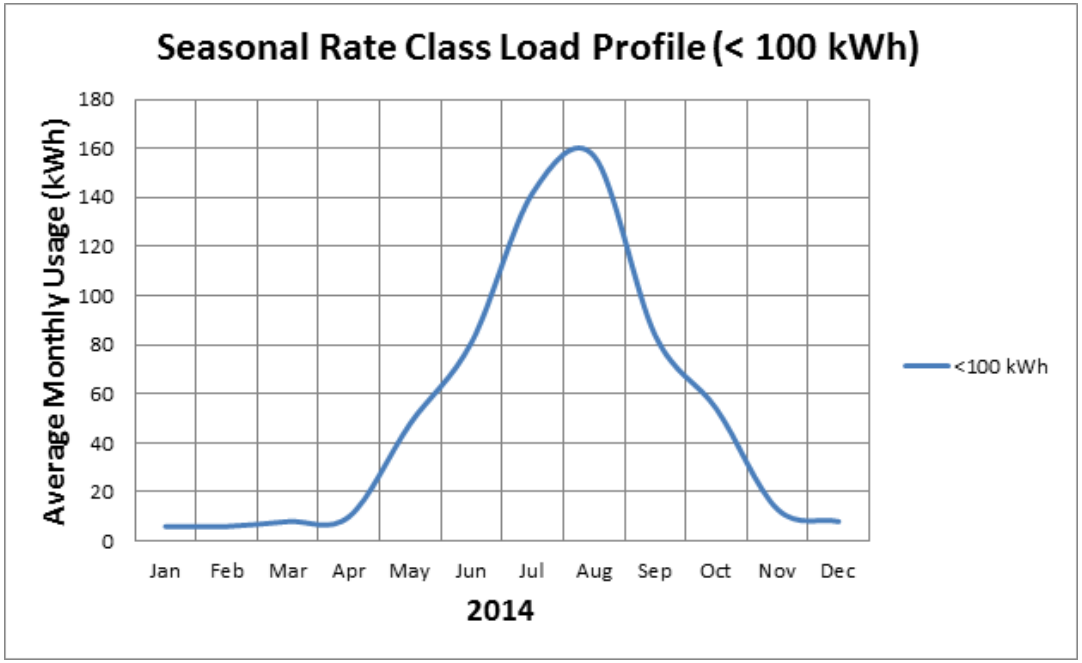
- Leave customers on existing seasonal billing and meter read frequency if paper based but move to residential billing frequency if on e-billing
- Review eligibility for billing/meter read frequency on same frequency as Dx rate application

Seasonal Load Profiles – Low Usage



- Represents 43% of all seasonal class customers (65K)
- 28K (43%) of these are read manually or have unreliable automated reads
- Electricity consumption is much lower than average year round residential customers
- Load profile over the year is the same pattern as medium usage seasonal, however the peak usage in July/August time period is less at 160 kWh/month (versus nearly 500 kWh) and the usage in the shoulder months drops dramatically to almost zero consumption at the base winter level (medium usage about 250 kWh/month in the same time period)
- Prolonged periods of zero or near zero usage during winter months

Seasonal Load Profiles – Low Usage



Recommendation

- Move customers to 2 bills and 1 read per year frequency if paper based but move to residential billing frequency if on e-billing
- Review eligibility for billing/meter read frequency on same frequency as Dx rate application

Proposed Bill and Meter Read Frequencies and Potential Savings Scenario C "Hybrid"

Average Monthly Usage	# of Seasonal Customers	# TOU & Non-TOU/Read Reliability Accounts	Bill / Read Frequency	Incremental Cost of Meter Reads	Incremental (Savings) of Paper Bills @ $2/bill	Incremental (Savings) of e-Bills @ $0.30/bill (based on 12 e-Bills/year)
> 800 kWh	18K	16K	12/12	Negligible	N/A	~($70,000)
			4/4	Status Quo	Status Quo	N/A
		2K	4/4	~$200,000	Status Quo	N/A
100 – 800 kWh	68K	62K	12/12	Negligible	N/A	~($273,000)
			4/4	Status Quo	Status Quo	N/A
		6K	4/1	Status Quo	Status Quo	N/A
< 100 kWh	65K	37K	12/12	Negligible	N/A	~($163,000)
			4/4	Status Quo	Status Quo	N/A
		28K	2/1	Status Quo	~($112,000)	N/A
TOTALS	**151K**	**151K**	**N/A**	**~$200,000**	**~($112,000)**	**~($506,000)**

Recommendation

Scenario C with the proposed bill and meter read frequencies is the recommended option for the following reasons:

1. Satisfies the guiding principles of: meeting OEB direction, fairness, minimizing costs of the reclassification and minimizing overall billing and meter reading costs while meeting customer needs
2. While billing and meter reading frequencies will differ within the rate class, they are driven by the following characteristics and may therefore be viewed as reasonable/supportable:
    - Customer usage level and pattern (year round or seasonal/summer loaded)
    - Billing method (paper bills vs e-bills)
    - Meter read method/reliability

Recommendation (cont'd)

Scenario C with the proposed bill and meter read frequencies is the recommended option for the following reasons:

3. Maximizes billing and meter reading frequencies within reasonable cost parameters . Billing and meter reading frequencies reviewed in conjunction with Dx rate applications

4. Reduces bill frequency to twice per year (notionally June and December) for low use seasonal customers – same frequency as pre-1998 and maintains annual meter read frequency

5. Although bill frequency is reduced for low use seasonal customers to twice per year, they can opt for e-billing to increase frequency

Feedback on Presentation

- Any questions of clarification?
- Are there other options?
- Are there other pros and cons associated with the options identified?
- What option do stakeholders prefer?
- Any other advice or considerations for August 4th report?

Conditions of Service

As part of the implementation of the OEB direction on the seasonal customers Hydro One will be updating our Conditions of Service.

Some examples:

Section 1.6: Customer Rights and Obligations:

No Charge Outage for Upgrade or Maintenance of Customer Equipment for Safety Reasons

> *Hydro One will, upon at least ten (10) days' prior notice from the Customer, once each calendar year during normal business hours, disconnect and reconnect the Customer's service without charge, for the Customer to upgrade or maintain Customer Equipment for safety reasons, including, but not limited to, the safe clearance of trees and vegetation from Customer lines.*

Hydro One will be amending the current Conditions of Service to ensure that the intent of this section (i.e. disconnect and reconnect for the purposes of safely upgrading or maintaining customer equipment) is reinforced

- Section 2.2.J: Disconnection and Load Control

Impact of OEB Move to "All-Fixed"

- Comparison of impacts from moving to all-fixed
- Seasonal customers moving to R1 with Seasonal eliminate only marginally better off than maintaining Seasonal Status Quo
- Seasonal customers moving to R2 with Seasonal eliminated are much better off with maintaining Seasonal Status Quo

kWh	2015 Total Bill	2016 Seasonal Status Quo Move to All-Fixed		2016 Seasonal Eliminated Move to R1 All-Fixed		2016 Seasonal Eliminated Move to R2 All-Fixed	
		Total Bill	% Change	Total Bill	% Change	Total Bill	% Change
50	42.22	70.12	66%	65.89	56%	128.11	203%
400	118.34	119.05	1%	114.01	-4%	177.42	50%
1000	248.83	202.94	-18%	196.5	-21%	261.95	5%

FEEDBACK FROM THE BALSAM LAKE COALITION

Presentation #1: Elimination of the Seasonal Rate Class

Feedback and Discussion

Do you have any questions of clarification on the presentation?

1. *Consider the two bill impact mitigation options presented.* **Are there other bill impact mitigation options you would like to see Hydro One consider? If so, what are they?**

BLC strongly believes that a subset of the seasonal customers that are being migrated to the R2 class likely qualify for the RRRP credit based on the criteria within Ontario Regulation 442/01, which, if applied, would mitigate their total bill impact significantly. It does not appear to BLC that HONI has considered this probability and taken steps to provide a process for determining which customers would properly qualify for the RRRP credit.

2. *Consider the pros and cons related to the bill impact mitigation options.* **Do you have any additions and/or suggested edits to the list of pros and cons identified?**

One major con with respect to the options that rely on increasing the volumetric charge in order to mitigate the impact on low volume seasonal customers moving to R2 is that such a methodology is contrary to the stated Board policy of eliminating volumetric based charges for residential customers.

3. **Which bill impact mitigation option do you prefer?**

BLC prefers a bill mitigation proposal that fully transitions customers to their new rate class and then mitigates the impact through the application of a credit that declines over time. However, contrary to what is proposed in option 1, BLC believes that under the circumstances it would be most appropriate for all rate classes to fund the proposed credit, rather then only the former seasonal customers.

4. **Do you have any other advice for the Hydro One team as they develop their August 4th report to the OEB?**

Former seasonal customers that are being moved into the R2 rate class are being grouped with customers that have enjoyed the benefit of a RRRP credit; so far as BLC can tell HONI is not intending to take any significant action to clarify for migrating customers precisely what the legal criteria for RRRP eligibility is, or provide any enhanced process during the transition from one rate class to another to properly screen new R2 customers for RRRP eligibility. BLC strongly urges HONI to consider taking steps to clarify for its customers to whom the regulation properly applies, and provide new R2 customers an explicit opportunity to establish that they qualify for the credit.

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FEEDBACK FROM THE BALSAM LAKE COALITION

Presentation #2: Bill and Meter Reading Scenarios

Feedback and Discussion

Do you have any questions of clarification on the presentation?

1. *Consider the three bill and meter reading scenarios presented.* **Are there other scenarios you would like to see Hydro One consider? If so, what are they?**

2. *Consider the pros and cons related to the bill and meter reading scenarios.* **Do you have any additions and/or suggested edits to the list of pros and cons identified?**

3. **Which bill and meter reading scenario do you prefer?**

In theory BLC supports the availability of billing and meter reading scenarios that meet customer preferences, whatever those preferences are; however BLC remains concerned that current OEB policy dictates that for customers for whom monthly meter reading and billing is, within reason, possible, monthly meter reading and billing is required, such that some of the proposals from HONI would be contrary to Board policy.

4. **Do you have any other advice for the Hydro One team as they develop their August 4th report to the OEB?**

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FEEDBACK FROM ENERGY PROBE

Presentation #1: Elimination of the Seasonal Rate Class

Feedback and Discussion

Do you have any questions of clarification on the presentation?

1. *Consider the two bill impact mitigation options presented.* **Are there other bill impact mitigation options you would like to see Hydro One consider? If so, what are they?**

If, for example, ALL rate classes benefited from the seasonal rate class that was previously overpaying – Hydro One states in its presentation on page 6 that revenue from the seasonal rate class exceeded costs – then the costs of moving those seasonal customers should be born by all ratepayers. This would have the positive effect of mitigating the bill impact of eliminating the seasonal rate class on those customers most effected. Would Hydro One consider applying the costs of eliminating the seasonal rate class to all other classes?

Second, would Hydro One consider offering seasonal customers the option to pay upfront the cost of eliminating the rate class? For example, under option 1, formerly seasonal ratepayers that are moving to R1 would be debited an amount each month in order to pay for the credits offered to those customers moving to R2. If these new R1 ratepayers didn't pay those credits, according to Hydro One's research on page 12 of the handout, they would see a significant bill reduction. Would Hydro One consider allowing these customers the option to pay, up front, all of the monthly debits that would be billed to them? Would it consider offering them a discount to do so? Some customers may be preparing for retirement and might like the option of paying the cost now before they move to a fixed income.

2. *Consider the pros and cons related to the bill impact mitigation options.* **Do you have any additions and/or suggested edits to the list of pros and cons identified?**

The biggest drawback is that ratepayers in certain classes, such as the UR, R1 and R2, who may have benefited from the seasonal class (as that class brought in more revenue than it cost to serve them), now don't have to pay for the cost or mitigation measures that occur once that rate class is eliminated. If that is the case (that all ratepayers benefited for the seasonal class), Hydro One should consider charging all ratepayers for the cost of eliminating the seasonal rate class.

Also, Option 1 presents a particular problem. Under that plan, the seasonal customers that were previously paying too much – or cross subsidizing other ratepayers in their class – are now being charged for the benefit of moving out of the class. If, for example, you were a medium to high volume ratepayer in the R1 density class, but were paying seasonal rates, you were, essentially, overpaying for your services. Once you move to the R1 class with the elimination of the seasonal rate class, you will be charged monthly debits in order to mitigate the impact on those former seasonal ratepayers who were previously underpaying. Is that fair? Should one ratepayer class have to pay for the privilege of no longer cross subsidizing another?

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FEEDBACK FROM ENERGY PROBE

3. Which bill impact mitigation option do you prefer?

Hydro One has recently had very bad publicity regarding its billing system. In the wake of that publicity, Option 1 might present further billing complications and customer dissatisfaction. Additionally, Option 1 would be difficult for many customers to understand. The Board has repeatedly tried to make bills less complicated and this option seems to reverse that work.

Option 2 is much easier to explain to ratepayers, so would be preferred. Would Hydro One consider expanding Option 2 to ALL rate classes? This could both shorten the time of the phase-in period as well as mitigate the potential bill impacts.

4. Do you have any other advice for the Hydro One team as they develop their August 4th report to the OEB?

I understand Hydro One is eliminating the seasonal rate class at the request of the Board, but it needs to fully detail to the Board how much of an impact it will have on ratepayers' bills when combined with the fixed charge proposal. Furthermore, Hydro One should also detail the impact of those charges when combined with – at the minimum – inflationary increases in other components of the bill. Will these charges have a material impact on Hydro One's load forecasts over the next three years (the length of its current rate application)? Does Hydro One expect these increases to result in cancelled services? Will Hydro One consider these many increases when preparing its next rate application?

Is Hydro One fully prepared to deliver bills to its customers that will be increasing, in percentage terms, by double digits, possibly even triple digits (if mitigation measures weren't put in place)? Some ratepayers could see the distribution portion of their hydro bill increase by 85% (prior to mitigation measures) combined with high single digit increases in transmission and generation. Taken together, their monthly bill could be DOUBLE its current level. Hydro One needs to fully detail these impacts when it prepares its final report for the Board.

And finally, will Hydro One present a detailed plan on how they will explain these changes to effected customers? It's no secret that bill increases are the number one concern among ratepayers. Under this proposal, a significant number of ratepayers will experience near double digit bill increases or more in the years to come – and that's not considering other components of the bill that are also expected to increase. Is Hydro One preparing a detailed program to deal with how customers will react to these changes?

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FEEDBACK FROM ENERGY PROBE

Presentation #2: Bill and Meter Reading Scenarios

Feedback and Discussion

Do you have any questions of clarification on the presentation?

1. *Consider the three bill and meter reading scenarios presented.* **Are there other scenarios you would like to see Hydro One consider? If so, what are they?**

2. *Consider the pros and cons related to the bill and meter reading scenarios.* **Do you have any additions and/or suggested edits to the list of pros and cons identified?**

3. **Which bill and meter reading scenario do you prefer?**

4. **Do you have any other advice for the Hydro One team as they develop their August 4th report to the OEB?**

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Sent via email to: regulatory@HydroOne.com

Federation of Ontario Cottagers' Associations

June 19, 2015

Attention: Erin Henderson
Sr. Regulatory Coordinator, Regulatory Affairs, TCT-07
Hydro One Networks Inc.

Regarding the Stakeholder Session for the Elimination of the Seasonal Rate Class Implementation Plan, June 10, 2015. For Approval of Distribution Rates 2015 to 2019 - EB-2013-0416

Dear Erin,

The Federation of Ontario Cottagers' Associations (FOCA) represents 50,000 property-owning families in Ontario through our 500+ member associations. The FOCA Board of Directors wishes to offer the following feedback and discussion, as requested by Hydro One, in its "Options Presentation."

The FOCA Board has reviewed the presentation materials from the June 10th Stakeholders Session, where options have been developed to mitigate the changes related to the elimination of the Seasonal Rate Class and the reclassification of the Seasonal customers primarily into the R1 and R2 Classes.

FOCA understands and accepts the principle of "user pays" as it relates to electrical delivery costs. But FOCA cannot accept and will vigorously object to a plan that would see some of its' members receiving a total bill increase of over 200%, which will result when the separately planned all-fixed delivery charges program is put in place. Across North America, electrical distribution costs are charged to residential customers almost universally as a combination of fixed and viable components. The dramatic effect of moving from 40% fixed to 100% fixed results in tremendous bill increases to many of the existing Seasonal class members who are reclassified into the R2 class, especially those using little or no electricity during the off-season months. In many cases, with these changes, these residents will be paying more for electrical power than they pay in property taxes. Many are pensioners or on a fixed income and can simply not afford these changes.

In any case we believe that any proposed changes to address the "rate class gap", many decades in the making, must be phased in over a reasonable period, perhaps 10 or 15 years.

The 100% fixed delivery charge results in a change from the current relationship between R1 Class customers and R2 Class customers where delivery includes a fixed component of $26/mo (all amounts approximate) for R1 and $66/mo (reduced to $34 by RRRP) for R2 to the new plan's R1 $30+ and R2 $117. This change results in an incredible difference between R1 and R2. Seasonal customers will be reassigned to R1 or R2 on a density basis. As there are almost the same number of customers going to each class, there will be many situations where reassigned Seasonals will have close neighbours, family and friends with the alternate reclassification and significantly different bill ramifications. There will be many unhappy customers created by this plan. By way of example, there may be a lake where one shoreline has a customer density of 14 per kilometre of circuit and the other side has 16 per kilometre. Having only two rate classes results in profound bill differences of similar customers. More rate classes could reduce this problem.

Ontario's rural and waterfront property owners expect and deserve a fair and reasonable and understandable rate structure.

One additional and significant negative effect of all-fixed delivery costs is that it renders conservation programs less effective. Customers save less money by investing in conservation practices and equipment, and lose interest. This is counter-productive for the environment and puts pressure on the electrical utility to build new electrical generation infrastructure – and is further counter to the Province's "Conservation First" approach.

FOCA recognizes that the rural areas may be more costly to serve than urban areas However, it is unacceptable that R2 some customers receive a RRRP subsidy under Regulation 442/01 funded by all other customers to reduce their distribution cost. Rural residents incur the same costs of living no matter the number of days or months they are resident at their address. For their part, "seasonal" residents provide significant economic contributions in their rural communities, in terms of local consumer activity, and job creation. "Permanent" and "Seasonal" residents deserve the same consideration in terms of mitigating the higher costs of rural living.

In summary, FOCA is generally supportive of Hydro One's recommended bill impact mitigation Option 1 and metering/billing Scenario C. However, it cannot accept the combination of 1) reassignment into one of only two rate classes with widely differing bill consequences; 2) all-fixed delivery cost billing; and, 3) lack of fairness in an existing subsidy program intended for only a select group of rural property owners.

Thank you for your attention. We appreciate the opportunity to provide you with our feedback.

Sincerely,





Terry Rees, Executive Director, FOCA Ken Grant, President, FOCA

cc: Kirsten Walli, OEB, boardsec@ontarioenergyboard.ca; Ian White, FOCA

Appendix B

2018 Seasonal Status Quo CAM Inputs and Outputs



2018 Cost Allocation Model

EB-2017-0049

Sheet I6.1 Revenue Worksheet -

Total kWhs from Load Forecast	33,050,624,446
Total kWs from Load Forecast	39,839,869
Deficiency/sufficiency (RRWF 8. cell F51)	- 62,117,807
Miscellaneous Revenue (RRWF 5. cell F48)	45,510,264

			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	33,050,624,446	1,909,812,707	4,591,766,176	4,330,539,160	585,362,231	2,207,062,032	2,457,598,720	604,053,832	1,036,884,037	99,400,638	13,573,825	29,489,859	27,034,065	15,158,047,163
Forecast kW	CDEM	39,839,869						7,860,142		2,698,633				197,039	29,084,055
Forecast kW, included in CDEM, of customers receiving line transformer allowance		1,152,684						678,071		311,526				163,087	
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	22,932,822,504	1,909,812,707	4,591,766,176	4,330,539,160	585,362,231	2,207,062,032	2,457,598,720	604,053,832	1,036,884,037	99,400,638	13,573,825	29,489,859	27,034,065	5,040,245,220
Existing Monthly Charge			$24.78	$33.77	$80.33	$36.28	$27.87	$89.48	$23.30	$93.97	$4.25	$2.71	$35.18	$149.34	$1,054.74
Existing Distribution kWh Rate			$0.0094	$0.0230	$0.0374	$0.0635	$0.0560		$0.0262		$0.0924	$0.1178	$0.0285		
Existing Distribution kW Rate								$15.9121		$9.0851				$6.9518	$1.3358
Existing TFOA Rate															
Additional Charges															
Distribution Revenue from Rates		$1,350,890,706	$85,460,525	$286,941,256	$478,602,755	$101,464,026	$152,993,264	$130,697,016	$20,859,081	$26,473,896	9,463,445	$2,334,000	$3,157,937	$3,375,969	$49,067,535
Transformer Ownership Allowance		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Net Class Revenue	CREV	$1,350,890,706	$85,460,525	$286,941,256	$478,602,755	$101,464,026	$152,993,264	$130,697,016	$20,859,081	$26,473,896	$9,463,445	$2,334,000	$3,157,937	$3,375,969	$49,067,535



2018 Cost Allocation Model

EB-2017-0049

Sheet I6.2 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	$26,649,115	$3,787,028	$9,290,923	$7,667,706	$86,130	$2,744,091	$1,883,540	$635,575	$363,264	4,145	1,880	1,129	$40,510	143,193
Late Payment 3 Year Historical Average	LPHA	$15,954,115	1,930,081	5,482,880	4,660,562	577,022	1,594,108	716,650	360,326	182,474	21,154	19,725	5,827	45,217	358,087
Number of Bills	CNB	14,406,680	2,724,305	5,369,578	3,941,748	590,716	1,054,818	62,870	216,003	20,821	65,606	271,219	65,875	13,434	9,687
Number of Devices											172,647				
Number of Connections (Unmetered)	CCON	38,371									21,581	11,301	5,490		
Total Number of Customers	CCA	1,303,822	227,025	447,465	328,479	147,679	87,902	5,239	18,000	1,735	21,581	11,301	5,490	1,119	807
Bulk Customer Base	CCB	1,303,822	227,025	447,465	328,479	147,679	87,902	5,239	18,000	1,735	21,581	11,301	5,490	1,119	807
Primary Customer Base	CCP	1,298,442	227,025	447,465	328,479	147,679	87,902	5,239	18,000	1,735	17,084	11,301	5,490	968	77
Line Transformer Customer Base	CCLT	1,298,366	227,025	447,465	328,479	147,679	87,902	5,239	18,000	1,735	17,084	11,301	5,490	968	-
Secondary Customer Base	CCS	1,294,921	227,025	447,465	328,479	147,679	87,902	-	18,000	-	21,581	11,301	5,490		
Weighted - Services	CWCS	1,089,509	113,513	335,599	492,718	147,679									
Weighted Meter Capital	CWMC	500,110,073	76,780,005	151,332,594	111,091,589	49,945,034	53,261,299	8,332,427	10,906,713	2,759,473				2,113,938	33,587,001
Weighted Meter Reading	CWMR	354,865	1,946	13,693	187,913	46,923	46,074	42,456	4,821	11,040				-	-
Weighted Bills	CWNB	16,369,026	2,724,305	5,369,578	3,941,748	590,716	2,109,637	440,093	432,006	145,747	131,212	5,424	131,750	201,507	145,304

Bad Debt Data

Historic Year:	2013	10,487,600	1,487,599	3,553,261	3,191,171	243,548	438,286	953,470	114,354	108,807	10,244	5,641	196	12,637	368,387
Historic Year:	2014	28,551,765	4,443,855	10,366,830	8,007,945	10,850	2,938,576	1,486,800	894,417	229,876	436		3,091	108,084	61,006
Historic Year:	2015	40,907,980	5,429,631	13,952,678	11,804,003	3,993	4,855,411	3,210,350	897,955	751,110	1,754		99	810	186
Three-year average		**26,649,115**	**3,787,028**	**9,290,923**	**7,667,706**	**86,130**	**2,744,091**	**1,883,540**	**635,575**	**363,264**	**4,145**	**1,880**	**1,129**	**40,510**	**143,193**

Street Lighting Adjustment Factors

NCP Test Results	4 NCP

	Primary Asset Data		Line Transformer Asset Data	
Class	Customers/ Devices	4 NCP	Customers/ Devices	4 NCP
UR	227,025	1,760,873	227,025	1,760,873
R1	447,465	3,991,659	447,465	3,991,659
R2	328,479	3,833,139	328,479	3,833,139
Seasonal	147,679	556,357	147,679	556,357
Street Light	172,647	150,579	172,647	150,579

Street Lighting Adjustment Factors	
Primary	10.11
Line Transformer	10.11



2018 Cost Allocation Model

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Sheet I8 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	5,968,814	408,653	1,103,834	1,087,934	140,595	379,343	314,719	101,231	124,634	21,227	3,006	3,639	7,531	2,272,469
Bulk Delivery CP	BCP1	5,870,840	395,508	1,068,954	1,054,459	136,265	367,575	304,634	98,005	120,598	113,340	2,912	3,526	7,284	2,197,781
Total Sytem CP	DCP1	6,064,569	408,653	1,103,834	1,087,934	140,595	379,343	314,719	101,231	124,634	116,982	3,006	3,639	7,531	2,272,469
4 CP															
Transformation CP	TCP4	23,034,930	1,680,913	4,090,406	3,824,972	459,921	1,452,453	1,322,606	389,959	564,693	44,816	6,475	14,628	18,327	9,164,761
Bulk Delivery CP	BCP4	22,297,732	1,626,844	3,961,155	3,707,280	445,756	1,407,395	1,280,222	377,533	546,408	43,421	6,274	14,173	17,726	8,863,545
Total Sytem CP	DCP4	23,034,930	1,680,913	4,090,406	3,824,972	459,921	1,452,453	1,322,606	389,959	564,693	44,816	6,475	14,628	18,327	9,164,761
12 CP															
Transformation CP	TCP12	62,855,443	4,481,737	10,537,317	9,822,816	1,181,863	4,024,758	3,875,219	1,074,353	1,673,095	116,982	16,374	44,231	46,241	25,960,457
Bulk Delivery CP	BCP12	60,841,949	4,337,576	10,204,354	9,520,575	1,145,465	3,899,902	3,751,036	1,040,119	1,618,919	113,340	15,864	42,853	44,724	25,107,221
Total Sytem CP	DCP12	62,855,443	4,481,737	10,537,317	9,822,816	1,181,863	4,024,758	3,875,219	1,074,353	1,673,095	116,982	16,374	44,231	46,241	25,960,457
NON CO_INCIDENT PEAK															
1 NCP															
Classification NCP from Load Data Provider	DNCP1	6,614,583	499,631	1,119,526	1,092,378	150,380	444,364	451,866	125,025	190,508	44,955	5,833	3,862	9,266	2,476,990
Primary NCP	PNCP1	3,979,371	478,618	1,063,586	1,026,092	141,310	418,877	425,887	119,241	181,436	42,444	5,508	3,646	894	71,833
Line Transformer NCP	LTNCP1	3,849,114	478,618	1,063,586	1,026,092	141,310	418,877	389,147	119,241	160,491	42,444	5,508	3,646	154	-
Secondary NCP	SNCP1	3,210,592	472,687	1,040,452	988,577	136,213	405,441	-	117,174	-	41,168	5,342	3,537	-	-
4 NCP															
Classification NCP from Load Data Provider	DNCP4	25,034,175	1,838,182	4,201,601	4,080,761	592,067	1,724,900	1,760,892	489,437	724,746	159,488	21,427	15,092	35,628	9,389,954
Primary NCP	PNCP4	15,045,481	1,760,873	3,991,659	3,833,139	556,357	1,625,967	1,659,653	466,795	690,234	150,579	20,230	14,249	3,437	272,309
Line Transformer NCP	LTNCP4	14,547,474	1,760,873	3,991,659	3,833,139	556,357	1,625,967	1,516,479	466,795	610,555	150,579	20,230	14,249	592	-
Secondary NCP	SNCP4	12,085,190	1,739,056	3,904,834	3,692,996	536,293	1,573,814	-	458,704	-	146,052	19,622	13,820	-	-
12 NCP															
Classification NCP from Load Data Provider	DNCP12	67,424,660	4,759,102	10,860,975	10,130,450	1,546,851	4,656,938	4,941,080	1,350,546	2,058,954	368,626	50,016	44,382	92,533	26,564,207
Primary NCP	PNCP12	39,358,778	4,558,947	10,318,282	9,515,732	1,453,555	4,389,835	4,657,003	1,288,066	1,960,908	348,035	47,222	41,903	8,926	770,364
Line Transformer NCP	LTNCP12	37,952,917	4,558,947	10,318,282	9,515,732	1,453,555	4,389,835	4,255,257	1,288,066	1,734,544	348,035	47,222	41,903	1,538	-
Secondary NCP	SNCP12	31,104,054	4,502,461	10,093,843	9,167,828	1,401,133	4,249,031	-	1,265,741	-	337,570	45,802	40,643	-	-



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Sheet O1 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 Assets		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
crev	Distribution Revenue at Existing Rates	$1,350,890,706	$85,460,525	$286,941,256	$478,602,755	$101,464,026	$152,993,264	$130,697,016	$20,859,081	$26,473,896	$9,463,445	$2,334,000	$3,157,937	$3,375,969	$49,067,535
mi	Miscellaneous Revenue (mi)	$45,510,264	$4,325,677	$11,526,031	$14,078,592	$2,733,912	$4,436,233	$2,451,074	$749,778	$528,137	$318,514	$3,063,678	$106,833	$145,087	$1,046,718
		Miscellaneous Revenue Input equals Output													
	Total Revenue at Existing Rates	**$1,396,400,970**	**$89,786,202**	**$298,467,287**	**$492,681,346**	**$104,197,938**	**$157,429,497**	**$133,148,090**	**$21,608,860**	**$27,002,033**	**$9,781,959**	**$5,397,678**	**$3,264,770**	**$3,521,056**	**$50,114,253**
	Factor required to recover deficiency (1 + D)	1.0460													
	Distribution Revenue at Status Quo Rates	$1,413,008,512	$89,390,244	$300,135,633	$500,610,274	$106,129,631	$160,028,330	$136,706,837	$21,818,241	$27,691,241	$9,898,602	$2,441,324	$3,303,148	$3,531,206	$51,323,800
	Miscellaneous Revenue (mi)	$45,510,264	$4,325,677	$11,526,031	$14,078,592	$2,733,912	$4,436,233	$2,451,074	$749,778	$528,137	$318,514	$3,063,678	$106,833	$145,087	$1,046,718
	Total Revenue at Status Quo Rates	**$1,458,518,777**	**$93,715,921**	**$311,661,664**	**$514,688,866**	**$108,863,543**	**$164,464,563**	**$139,157,912**	**$22,568,020**	**$28,219,379**	**$10,217,116**	**$5,505,002**	**$3,409,981**	**$3,676,293**	**$52,370,519**
	Expenses														
di	Distribution Costs (di)	$275,583,560	$12,542,544	$51,312,534	$113,211,545	$20,699,974	$30,737,533	$24,443,141	$3,541,579	$4,656,337	$2,553,072	$1,101,712	$583,063	$135,150	$10,065,374
cu	Customer Related Costs (cu)	$104,507,722	$16,095,384	$33,360,743	$27,713,139	$6,726,295	$10,771,606	$3,412,331	$2,200,517	$873,669	$765,090	$269,430	$398,266	$535,405	$1,385,848
ad	General and Administration (ad)	$154,315,409	$11,256,824	$33,601,730	$56,557,427	$10,966,913	$16,740,239	$12,112,988	$2,307,407	$2,450,841	$1,318,285	$544,536	$385,252	$965,893	$5,107,074
dep	Depreciation and Amortization (dep)	$397,789,175	$21,857,265	$73,898,119	$141,817,234	$27,252,269	$46,313,703	$49,782,818	$6,318,702	$9,888,985	$2,661,889	$1,494,261	$578,210	$799,987	$15,125,733
INPUT	PILs (INPUT)	$43,110,184	$2,113,046	$7,749,088	$15,927,597	$2,869,660	$5,156,856	$5,329,230	$675,047	$1,030,862	$312,373	$126,858	$69,839	$45,805	$1,703,922
INT	Interest	$198,282,085	$9,718,798	$35,641,355	$73,257,799	$13,198,790	$23,718,575	$24,511,399	$3,104,829	$4,741,374	$1,436,737	$583,473	$321,219	$210,676	$7,837,062
	Total Expenses	**$1,173,588,135**	**$73,583,862**	**$235,563,570**	**$428,484,741**	**$81,713,901**	**$133,438,511**	**$119,591,908**	**$18,148,081**	**$23,642,068**	**$9,047,447**	**$4,120,269**	**$2,335,849**	**$2,692,916**	**$41,225,013**
	Direct Allocation	**$10,001,664**	**$0**	**$0**	**$0**	**$0**	**$0**	**$2,433,638**	**$0**	**$742,547**	**$0**	**$737,624**	**$0**	**$3,349,392**	**$2,738,463**
NI	Allocated Net Income (NI)	$274,928,978	$13,475,646	$49,418,692	$101,575,953	$18,300,845	$32,887,104	$33,986,398	$4,305,016	$6,574,175	$1,992,114	$809,018	$445,387	$292,114	$10,866,516
	Revenue Requirement (includes NI)	**$1,458,518,777**	$87,059,508	$284,982,262	$530,060,694	$100,014,746	$166,325,615	$156,011,944	$22,453,096	$30,958,791	$11,039,561	$5,666,911	$2,781,236	$6,334,421	$54,829,992
		Revenue Requirement Input equals Output													
	Rate Base Calculation														
	Net Assets														
dp	Distribution Plant - Gross	$11,246,442,784	$566,705,542	$2,060,795,625	$4,178,055,579	$779,902,681	$1,295,770,044	$1,362,487,461	$169,281,139	$264,479,085	$79,497,431	$32,672,128	$17,870,455	$13,888,501	$425,037,116
gp	General Plant - Gross	$1,179,976,447	$57,147,713	$210,953,051	$433,055,745	$80,128,553	$136,015,982	$143,138,581	$17,695,081	$27,736,360	$8,421,099	$18,538,179	$1,902,725	$1,431,973	$43,811,406
accum dep	Accumulated Depreciation	($4,338,284,047)	($227,412,365)	($808,340,773)	($1,606,949,040)	($304,169,362)	($488,226,016)	($512,655,665)	($64,223,211)	($99,804,820)	($29,500,306)	($20,118,772)	($6,573,739)	($5,386,699)	($164,923,276)
co	Capital Contribution	($896,478,209)	($44,077,405)	($166,144,575)	($339,730,174)	($68,088,130)	($96,290,120)	($107,926,336)	($12,245,874)	($21,034,539)	($6,427,484)	($3,303,597)	($1,502,301)	($1,586,683)	($28,120,990)
	Total Net Plant	**$7,191,656,976**	**$352,363,485**	**$1,297,263,327**	**$2,664,432,109**	**$487,773,742**	**$847,269,889**	**$885,044,040**	**$110,507,134**	**$171,376,086**	**$51,990,739**	**$27,787,938**	**$11,697,139**	**$8,347,091**	**$275,804,255**
	Directly Allocated Net Fixed Assets	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**
COP	Cost of Power (COP)	$2,994,016,975	$249,337,458	$599,482,505	$565,377,757	$76,422,536	$288,145,133	$320,854,194	$78,862,836	$135,371,405	$12,977,347	$1,772,144	$3,850,077	$3,529,459	$658,034,123
	OM&A Expenses	$534,406,691	$39,894,752	$118,275,007	$197,482,111	$38,393,182	$58,249,378	$39,968,460	$8,049,502	$7,980,846	$4,636,448	$1,915,677	$1,366,581	$1,636,448	$16,558,297
	Directly Allocated Expenses	$10,001,664	$0	$0	$0	$0	$0	$2,433,638	$0	$742,547	$0	$737,624	$0	$3,349,392	$2,738,463
	Subtotal	**$3,538,425,330**	**$289,232,210**	**$717,757,512**	**$762,859,869**	**$114,815,719**	**$346,394,511**	**$363,256,292**	**$86,912,339**	**$144,094,799**	**$17,613,795**	**$4,425,445**	**$5,216,659**	**$8,515,298**	**$677,330,883**
	Working Capital	**$282,580,661**	**$23,098,249**	**$57,320,524**	**$60,922,423**	**$9,169,249**	**$27,663,263**	**$29,009,854**	**$6,940,869**	**$11,507,493**	**$1,406,648**	**$353,419**	**$416,605**	**$680,037**	**$54,092,030**
	Total Rate Base	**$7,474,237,637**	**$375,461,734**	**$1,354,583,851**	**$2,725,354,532**	**$496,942,991**	**$874,933,152**	**$914,053,895**	**$117,448,003**	**$182,883,578**	**$53,397,387**	**$28,141,356**	**$12,113,745**	**$9,027,128**	**$329,896,285**
		Rate Base Input Does Not Equal Output													
	Equity Component of Rate Base	**$2,989,695,055**	**$150,184,694**	**$541,833,540**	**$1,090,141,813**	**$198,777,196**	**$349,973,261**	**$365,621,558**	**$46,979,201**	**$73,153,431**	**$21,358,955**	**$11,256,542**	**$4,845,498**	**$3,610,851**	**$131,958,514**
	Net Income on Allocated Assets	**$274,928,978**	**$20,132,059**	**$76,098,095**	**$86,204,125**	**$27,149,642**	**$31,026,052**	**$17,132,366**	**$4,419,939**	**$3,834,763**	**$1,169,669**	**$647,108**	**$1,074,132**	**($2,366,014)**	**$8,407,042**
	Net Income on Direct Allocation Assets	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**
	Net Income	**$274,928,978**	**$20,132,059**	**$76,098,095**	**$86,204,125**	**$27,149,642**	**$31,026,052**	**$17,132,366**	**$4,419,939**	**$3,834,763**	**$1,169,669**	**$647,108**	**$1,074,132**	**($2,366,014)**	**$8,407,042**
	RATIOS ANALYSIS														
	REVENUE TO EXPENSES STATUS QUO%	**100.00%**	**1.08**	**1.09**	**0.97**	**1.09**	**0.99**	**0.89**	**1.01**	**0.91**	**0.93**	**0.97**	**1.23**	**0.58**	**0.96**
	EXISTING REVENUE MINUS ALLOCATED COSTS	($62,117,807)	$2,726,694	$13,485,025	($37,379,347)	$4,183,192	($8,896,118)	($22,863,854)	($844,237)	($3,956,757)	($1,257,601)	($269,233)	$483,534	($2,813,364)	($4,715,739)
		Deficiency Input equals Output													
	STATUS QUO REVENUE MINUS ALLOCATED COSTS	($0)	$6,656,412	$26,679,403	($15,371,828)	$8,848,797	($1,861,052)	($16,854,032)	$114,923	($2,739,412)	($822,445)	($161,909)	$628,745	($2,658,128)	($2,459,474)
	RETURN ON EQUITY COMPONENT OF RATE BASE	9.20%	13.40%	14.04%	7.91%	13.66%	8.87%	4.69%	9.41%	5.24%	5.48%	5.75%	22.17%	-65.53%	6.37%

Total Gross Plant including USoAs 1600s, 1700s and 2040	**$12,816,181,432**
Total Accumulated Depreciation including USoAs 1600s, 1700s and 2040	**($4,566,659,796)**
Total Capital Contributions	**($896,505,374)**
Total Net Plant	**$7,353,016,262**
Working Captial	**$282,580,661**
Total Rate Base	**$7,635,596,923**
Rate Base from I3 TB Data Sheet	**$7,636,916,057**
	Rate Base Input Equals Output

($748,926,957) $748,926,957.47 5.8%



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Sheet O2 Monthly Fixed Charge Min. & Max. Worksheet -

Output sheet showing minimum and maximum level for Monthly Fixed Charge

Summary	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
Customer Unit Cost per month - Avoided Cost	$7.54	$7.36	$7.89	$6.96	$12.84	$80.43	$12.43	$80.15	$2.75	$1.87	$5.45	$102.41	$342.10
Customer Unit Cost per month - Directly Related	$9.74	$9.58	$10.39	$8.86	$16.62	$99.31	$16.07	$98.37	$3.87	$2.65	$7.62	$159.93	$426.17
Customer Unit Cost per month - Minimum System with PLCC Adjustment	$20.44	$28.01	$52.38	$54.31	$18.33	$108.12	$12.77	$107.51	$17.97	$16.10	$39.24	$199.36	$466.00
Existing Approved Fixed Charge	$24.78	$33.77	$80.33	$36.28	$27.87	$89.48	$23.30	$93.97	$4.25	$2.71	$35.18	$149.34	$1,054.74

Appendix C

2018 Seasonal Eliminated CAM Inputs and Outputs



2018 Cost Allocation Model

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Sheet I6.1 Revenue Worksheet -

Total kWhs from Load Forecast	33,050,624,446
Total kWs from Load Forecast	39,839,869
Deficiency/sufficiency (RRWF 8. cell F51)	- 42,318,079
Miscellaneous Revenue (RRWF 5. cell F48)	45,510,264

			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	33,050,624,446	1,910,784,408	4,853,879,676	4,652,816,190	-	2,207,062,032	2,457,598,720	604,053,832	1,036,884,037	99,400,638	13,573,825	29,489,859	27,034,065	15,158,047,163
Forecast kW	CDEM	39,839,869	-	-	-	-	-	7,860,142	-	2,698,633				197,039	29,084,055
Forecast kW, included in CDEM, of customers receiving line transformer allowance		1,152,684	-	-	-	-	-	678,071	-	311,526				163,087	-
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	22,932,822,504	1,910,784,408	4,853,879,676	4,652,816,190	-	2,207,062,032	2,457,598,720	604,053,832	1,036,884,037	99,400,638	13,573,825	29,489,859	27,034,065	5,040,245,220
Existing Monthly Charge			$24.78	$33.77	$80.33	$36.28	$27.87	$89.48	$23.30	$93.97	$4.25	$2.71	$35.18	$149.34	$1,054.74
Existing Distribution kWh Rate			$0.0094	$0.0230	$0.0374	$0.0635	$0.0560		$0.0262		$0.0924	$0.1178	$0.0285		
Existing Distribution kW Rate								$15.9121		$9.0851				$6.9518	$1.3358
Existing TFOA Rate															
Additional Charges															
Distribution Revenue from Rates		$1,370,690,434	$85,542,556	$321,271,371	$565,454,364	$0	$152,993,264	$130,697,016	$20,859,081	$26,473,896	9,463,445	$2,334,000	$3,157,937	$3,375,969	$49,067,535
Transformer Ownership Allowance		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Net Class Revenue	CREV	$1,370,690,434	$85,542,556	$321,271,371	$565,454,364	$0	$152,993,264	$130,697,016	$20,859,081	$26,473,896	$9,463,445	$2,334,000	$3,157,937	$3,375,969	$49,067,535



2018 Cost Allocation Model

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Sheet I6.2 Customer Data Worksheet -

	ID	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
Billing Data															
Bad Debt 3 Year Historical Average	BDHA	$26,649,115	$3,787,171	$9,329,490	$7,715,126	$0	$2,744,091	$1,883,540	$635,575	$363,264	4,145	1,880	1,129	$40,510	143,193
Late Payment 3 Year Historical Average	LPHA	$15,954,115	1,931,038	5,741,259	4,978,248	-	1,594,108	716,650	360,326	182,474	21,154	19,725	5,827	45,217	358,087
Number of Bills	CNB	14,406,680	2,725,286	5,648,933	4,252,128	-	1,054,818	62,870	216,003	20,821	65,606	271,219	65,875	13,434	9,687
Number of Devices											172,647				
Number of Connections (Unmetered)	CCON	38,371	-	-	-	-	-	-	-	-	21,581	11,301	5,490	-	-
Total Number of Customers	CCA	1,303,822	227,271	517,304	406,074	-	87,902	5,239	18,000	1,735	21,581	11,301	5,490	1,119	807
Bulk Customer Base	CCB	1,303,822	227,271	517,304	406,074	-	87,902	5,239	18,000	1,735	21,581	11,301	5,490	1,119	807
Primary Customer Base	CCP	1,298,708	227,271	517,304	406,074	-	87,902	5,239	18,000	1,735	17,349	11,301	5,490	968	77
Line Transformer Customer Base	CCLT	1,298,631	227,271	517,304	406,074	-	87,902	5,239	18,000	1,735	17,349	11,301	5,490	968	-
Secondary Customer Base	CCS	1,294,921	227,271	517,304	406,074	-	87,902	-	18,000	-	21,581	11,301	5,490	-	-
Weighted - Services	CWCS	1,110,724	113,635	387,978	609,111	-	-	-	-	-	-	-	-	-	-
Weighted Meter Capital	CWMC	500,110,073	76,862,914	174,952,100	137,334,208	-	53,261,299	8,332,427	10,906,713	2,759,473	-	-	-	2,113,938	33,587,001
Weighted Meter Reading	CWMR	339,050	1,979	24,357	208,325	-	46,074	42,456	4,821	11,040	-	-	-	-	-
Weighted Bills	CWNB	16,369,026	2,725,286	5,648,933	4,252,128	-	2,109,637	440,093	432,006	145,747	131,212	5,424	131,750	201,507	145,304

Bad Debt Data

Historic Year:	2013	10,487,600	1,488,003	3,662,317	3,325,259	-	438,286	953,470	114,354	108,807	10,244	5,641	196	12,637	368,387
Historic Year:	2014	28,551,765	4,443,873	10,371,689	8,013,919	-	2,938,576	1,486,800	894,417	229,876	436	-	3,091	108,084	61,006
Historic Year:	2015	40,907,980	5,429,638	13,954,466	11,806,201	-	4,855,411	3,210,350	897,955	751,110	1,754	-	99	810	186
Three-year average		**26,649,115**	**3,787,171**	**9,329,490**	**7,715,126**	-	**2,744,091**	**1,883,540**	**635,575**	**363,264**	**4,145**	**1,880**	**1,129**	**40,510**	**143,193**

Street Lighting Adjustment Factors

NCP Test Results	4 NCP

	Primary Asset Data		Line Transformer Asset Data	
Class	**Customers/ Devices**	4 NCP	**Customers/ Devices**	4 NCP
UR	227,271	1,761,510	227,271	1,761,510
R1	517,304	4,164,532	517,304	4,164,532
R2	406,074	4,060,902	406,074	4,060,902
Seasonal	-	-	-	-
Street Light	172,647	150,579	172,647	150,579

Street Lighting Adjustment Factors	
Primary	9.95
Line Transformer	9.95



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Sheet I8 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	5,967,277	408,876	1,165,193	1,165,410	-	379,343	314,719	101,231	124,634	21,227	3,006	3,639	7,531	2,272,469
Bulk Delivery CP	BCP1	5,869,304	395,724	1,128,374	1,129,551	-	367,575	304,634	98,005	120,598	113,340	2,912	3,526	7,284	2,197,781
Total Sytem CP	DCP1	6,063,033	408,876	1,165,193	1,165,410	-	379,343	314,719	101,231	124,634	116,982	3,006	3,639	7,531	2,272,469
4 CP															
Transformation CP	TCP4	23,029,903	1,681,644	4,291,126	4,078,415	-	1,452,453	1,322,606	389,959	564,693	44,816	6,475	14,628	18,327	9,164,761
Bulk Delivery CP	BCP4	22,292,706	1,627,551	4,155,533	3,952,925	-	1,407,395	1,280,222	377,533	546,408	43,421	6,274	14,173	17,726	8,863,545
Total Sytem CP	DCP4	23,029,903	1,681,644	4,291,126	4,078,415	-	1,452,453	1,322,606	389,959	564,693	44,816	6,475	14,628	18,327	9,164,761
12 CP															
Transformation CP	TCP12	62,842,527	4,483,616	11,053,110	10,474,092	-	4,024,758	3,875,219	1,074,353	1,673,095	116,982	16,374	44,231	46,241	25,960,457
Bulk Delivery CP	BCP12	60,829,032	4,339,394	10,703,848	10,151,812	-	3,899,902	3,751,036	1,040,119	1,618,919	113,340	15,864	42,853	44,724	25,107,221
Total Sytem CP	DCP12	62,842,527	4,483,616	11,053,110	10,474,092	-	4,024,758	3,875,219	1,074,353	1,673,095	116,982	16,374	44,231	46,241	25,960,457
NON CO_INCIDENT PEAK															
1 NCP															
Classification NCP from Load Data Provider	DNCP1	6,589,004	499,777	1,171,148	1,165,410	-	444,364	451,866	125,025	190,508	44,955	5,833	3,862	9,266	2,476,990
Primary NCP	PNCP1	3,955,845	478,758	1,112,629	1,094,693	-	418,877	425,887	119,241	181,436	42,444	5,508	3,646	894	71,833
Line Transformer NCP	LTNCP1	3,825,587	478,758	1,112,629	1,094,693	-	418,877	389,147	119,241	160,491	42,444	5,508	3,646	154	-
Secondary NCP	SNCP1	3,188,585	472,826	1,088,427	1,054,670	-	405,441	-	117,174	-	41,168	5,342	3,537	-	-
4 NCP															
Classification NCP from Load Data Provider	DNCP4	24,867,214	1,838,847	4,383,566	4,323,238	-	1,724,900	1,760,892	489,437	724,746	159,488	21,427	15,092	35,628	9,389,954
Primary NCP	PNCP4	14,890,396	1,761,510	4,164,532	4,060,902	-	1,625,967	1,659,653	466,795	690,234	150,579	20,230	14,249	3,437	272,309
Line Transformer NCP	LTNCP4	14,392,389	1,761,510	4,164,532	4,060,902	-	1,625,967	1,516,479	466,795	610,555	150,579	20,230	14,249	592	-
Secondary NCP	SNCP4	11,938,075	1,739,684	4,073,946	3,912,432	-	1,573,814	-	458,704	-	146,052	19,622	13,820	-	-
12 NCP															
Classification NCP from Load Data Provider	DNCP12	67,040,470	4,760,888	11,367,105	10,785,195	-	4,656,938	4,941,080	1,350,546	2,058,954	368,626	50,016	44,382	92,533	26,564,207
Primary NCP	PNCP12	39,002,789	4,560,658	10,799,123	10,130,746	-	4,389,835	4,657,003	1,288,066	1,960,908	348,035	47,222	41,903	8,926	770,364
Line Transformer NCP	LTNCP12	37,596,928	4,560,658	10,799,123	10,130,746	-	4,389,835	4,255,257	1,288,066	1,734,544	348,035	47,222	41,903	1,538	-
Secondary NCP	SNCP12	30,767,521	4,504,151	10,564,224	9,760,357	-	4,249,031	-	1,265,741	-	337,570	45,802	40,643	-	-



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Sheet O1 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 Assets		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
crev	Distribution Revenue at Existing Rates	$1,370,690,434	$85,542,556	$321,271,371	$565,454,364	$0	$152,993,264	$130,697,016	$20,859,081	$26,473,896	$9,463,445	$2,334,000	$3,157,937	$3,375,969	$49,067,535
mi	Miscellaneous Revenue (mi)	$45,510,264	$4,338,409	$12,479,573	$15,760,045	$0	$4,472,225	$2,486,267	$754,473	$534,939	$320,727	$3,063,666	$106,829	$145,088	$1,048,024
		Miscellaneous Revenue Input equals Output													
	Total Revenue at Existing Rates	$1,416,200,698	$89,880,965	$333,750,944	$581,214,409	$0	$157,465,488	$133,183,283	$21,613,554	$27,008,835	$9,784,172	$5,397,666	$3,264,766	$3,521,057	$50,115,559
	Factor required to recover deficiency (1 + D)	1.0309													
	Distribution Revenue at Status Quo Rates	$1,413,008,512	$88,183,559	$331,190,158	$582,911,947	$0	$157,716,709	$134,732,097	$21,503,075	$27,291,239	$9,755,616	$2,406,059	$3,255,434	$3,480,197	$50,582,424
	Miscellaneous Revenue (mi)	$45,510,264	$4,338,409	$12,479,573	$15,760,045	$0	$4,472,225	$2,486,267	$754,473	$534,939	$320,727	$3,063,666	$106,829	$145,088	$1,048,024
	Total Revenue at Status Quo Rates	$1,458,518,777	$92,521,967	$343,669,732	$598,671,992	$0	$162,188,933	$137,218,364	$22,257,548	$27,826,178	$10,076,342	$5,469,725	$3,362,262	$3,625,285	$51,630,448
	Expenses														
di	Distribution Costs (di)	$275,583,560	$12,701,271	$56,242,027	$127,582,587	$0	$31,253,943	$24,949,953	$3,609,708	$4,752,452	$2,586,692	$1,101,542	$582,998	$135,156	$10,085,231
cu	Customer Related Costs (cu)	$104,507,722	$16,107,215	$36,392,151	$31,326,955	$0	$10,802,165	$3,440,491	$2,203,715	$880,991	$765,090	$269,430	$398,266	$535,405	$1,385,848
ad	General and Administration (ad)	$154,315,409	$11,324,881	$36,765,284	$63,763,275	$0	$16,961,435	$12,329,123	$2,336,274	$2,492,578	$1,331,889	$544,467	$385,226	$965,896	$5,115,082
dep	Depreciation and Amortization (dep)	$397,789,175	$21,997,918	$81,398,921	$159,885,165	$0	$46,934,951	$50,427,657	$6,400,579	$10,011,273	$2,699,099	$1,494,082	$578,143	$799,996	$15,161,391
INPUT	PILs (INPUT)	$43,110,184	$2,131,503	$8,490,508	$17,868,647	$0	$5,227,853	$5,397,673	$684,414	$1,043,842	$316,711	$126,837	$69,832	$45,806	$1,706,558
INT	Interest	$198,282,085	$9,803,688	$39,051,458	$82,185,512	$0	$24,045,123	$24,826,194	$3,147,912	$4,801,076	$1,456,689	$583,379	$321,185	$210,683	$7,849,185
	Total Expenses	$1,173,588,135	$74,066,477	$258,340,347	$482,612,141	$0	$135,225,471	$121,371,091	$18,382,602	$23,982,213	$9,156,170	$4,119,737	$2,335,649	$2,692,942	$41,303,294
	Direct Allocation	$10,001,664	$0	$0	$0	$0	$0	$2,433,638	$0	$742,547	$0	$737,624	$0	$3,349,392	$2,738,463
NI	Allocated Net Income (NI)	$274,928,978	$13,593,351	$54,146,987	$113,954,717	$0	$33,339,881	$34,422,879	$4,364,753	$6,656,955	$2,019,779	$808,887	$445,341	$292,124	$10,883,325
	Revenue Requirement (includes NI)	$1,458,518,777	$87,659,828	$312,487,333	$596,566,858	$0	$168,565,351	$158,227,608	$22,747,355	$31,381,715	$11,175,949	$5,666,248	$2,780,990	$6,334,458	$54,925,082
		Revenue Requirement Input equals Output													
	Rate Base Calculation														
	Net Assets														
dp	Distribution Plant - Gross	$11,246,442,784	$570,648,313	$2,263,804,964	$4,708,491,521	$0	$1,313,499,117	$1,379,900,540	$171,619,688	$267,781,468	$80,606,004	$32,666,749	$17,868,509	$13,888,865	$425,667,044
gp	General Plant - Gross	$1,179,976,447	$57,591,745	$231,568,067	$487,693,551	$0	$137,883,292	$144,938,008	$17,941,465	$28,077,623	$8,538,762	$18,537,607	$1,902,517	$1,432,011	$43,871,800
accum dep	Accumulated Depreciation	($4,338,284,047)	($228,718,866)	($888,956,164)	($1,812,993,443)	$0	($494,868,634)	($519,385,318)	($65,098,951)	($101,081,083)	($29,910,298)	($20,116,788)	($6,573,025)	($5,386,837)	($165,194,639)
co	Capital Contribution	($896,478,209)	($44,282,254)	($183,450,624)	($387,218,204)	$0	($97,598,469)	($109,185,387)	($12,418,555)	($21,273,317)	($6,519,090)	($3,303,114)	($1,502,111)	($1,586,697)	($28,140,387)
	Total Net Plant	$7,191,656,976	$355,238,938	$1,422,966,244	$2,995,973,425	$0	$858,915,306	$896,267,842	$112,043,646	$173,504,692	$52,715,378	$27,784,454	$11,695,891	$8,347,341	$276,203,819
	Directly Allocated Net Fixed Assets	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
COP	Cost of Power (COP)	$2,994,016,975	$249,464,319	$633,702,988	$607,452,949	$0	$288,145,133	$320,854,194	$78,862,836	$135,371,405	$12,977,347	$1,772,144	$3,850,077	$3,529,459	$658,034,123
	OM&A Expenses	$534,406,691	$40,133,367	$129,399,461	$222,672,817	$0	$59,017,543	$40,719,567	$8,149,696	$8,126,021	$4,683,671	$1,915,439	$1,366,490	$1,636,457	$16,586,161
	Directly Allocated Expenses	$10,001,664	$0	$0	$0	$0	$0	$2,433,638	$0	$742,547	$0	$737,624	$0	$3,349,392	$2,738,463
	Subtotal	$3,538,425,330	$289,597,686	$763,102,449	$830,125,766	$0	$347,162,676	$364,007,399	$87,012,532	$144,239,974	$17,661,018	$4,425,208	$5,216,567	$8,515,307	$677,358,747
	Working Capital	$282,580,661	$23,127,436	$60,941,796	$66,294,316	$0	$27,724,609	$29,069,838	$6,948,870	$11,519,086	$1,410,419	$353,400	$416,598	$680,037	$54,094,255
	Total Rate Base	$7,474,237,637	$378,366,374	$1,483,908,040	$3,062,267,741	$0	$886,639,915	$925,337,680	$118,992,517	$185,023,778	$54,125,797	$28,137,853	$12,112,489	$9,027,378	$330,298,074
		Rate Base Input Does Not Equal Output													
	Equity Component of Rate Base	$2,989,695,055	$151,346,550	$593,563,216	$1,224,907,096	$0	$354,655,966	$370,135,072	$47,597,007	$74,009,511	$21,650,319	$11,255,141	$4,844,996	$3,610,951	$132,119,230
	Net Income on Allocated Assets	$274,928,978	$18,455,491	$85,329,385	$116,059,851	$0	$26,963,463	$13,413,635	$3,874,946	$3,101,418	$920,172	$612,364	$1,026,613	($2,417,049)	$7,588,690
	Net Income on Direct Allocation Assets	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	Net Income	$274,928,978	$18,455,491	$85,329,385	$116,059,851	$0	$26,963,463	$13,413,635	$3,874,946	$3,101,418	$920,172	$612,364	$1,026,613	($2,417,049)	$7,588,690
	RATIOS ANALYSIS														
	REVENUE TO EXPENSES STATUS QUO%	100.00%	1.06	1.10	1.00	0.00%	0.96	0.87	0.98	0.89	0.90	0.97	1.21	0.57	0.94
	EXISTING REVENUE MINUS ALLOCATED COSTS	($42,318,079)	$2,221,137	$21,263,611	($15,352,450)	$0	($11,099,863)	($25,044,325)	($1,133,801)	($4,372,879)	($1,391,777)	($268,582)	$483,775	($2,813,401)	($4,809,523)
		Deficiency Input equals Output													
	STATUS QUO REVENUE MINUS ALLOCATED COSTS	($0)	$4,862,139	$31,182,398	$2,105,133	$0	($6,376,418)	($21,009,245)	($489,807)	($3,555,536)	($1,099,607)	($196,523)	$581,272	($2,709,173)	($3,294,634)
	RETURN ON EQUITY COMPONENT OF RATE BASE	9.20%	12.19%	14.38%	9.47%	0.00%	7.60%	3.62%	8.14%	4.19%	4.25%	5.44%	21.19%	-66.94%	5.74%

Total Gross Plant including USoAs 1600s, 1700s and 2040	$12,816,181,432
Total Accumulated Depreciation including USoAs 1600s, 1700s and 2040	($4,566,659,796)
Total Capital Contributions	($896,505,374)
Total Net Plant	$7,353,016,262
Working Captial	$282,580,661
Total Rate Base	$7,635,596,923
Rate Base from I3 TB Data Sheet	$7,636,916,057
	Rate Base Input Equals Output



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Sheet O2 Monthly Fixed Charge Min. & Max. Worksheet -

Output sheet showing minimum and maximum level for Monthly Fixed Charge

Summary

	1	2	3	4	5	6	7	8	9	10	11	12	13
	UR	R1	R2	Seasonal	GSe	GSd	UGe	UGd	St Lgt	Sen Lgt	USL	DGen	ST
Customer Unit Cost per month - Avoided Cost	$7.54	$7.28	$7.72	0	$12.87	$80.88	$12.44	$80.51	$2.75	$1.87	$5.45	$102.41	$342.11
Customer Unit Cost per month - Directly Related	$9.74	$9.45	$10.12	0	$16.66	$99.93	$16.10	$98.85	$3.87	$2.65	$7.62	$159.93	$426.15
Customer Unit Cost per month - Minimum System with PLCC Adjustment	$20.32	$27.39	$51.21	0	$17.76	$108.04	$12.53	$107.63	$17.74	$16.09	$39.24	$199.35	$465.92
Existing Approved Fixed Charge	$24.78	$33.77	$80.33	$36.28	$27.87	$89.48	$23.30	$93.97	$4.25	$2.71	$35.18	$149.34	$1,054.74

Appendix D

2018 to 2022 Seasonal Status Quo and Seasonal Eliminated Rate Design

2018 Status Quo Rate Design (suspension year for residential phase-in to all-fixed rates)

	Number of Customers	GWh	kWs	Revenue	Costs Allocated from Previous Study (2017)		Alloc Cost		Misc Rev	Revenue from Rates	2017 R/C Ratio	R/C Ratio from the CAM	Target 2018 R/C Ratio	Total rev to be collected	Shifted Rev	% Change in revenue from rates	Base Fixed Charge ($/month)	Revenue from Fixed Charge	Fixed Rev %	Revenue from Volumetric Charge	Base Volumetric Charge ($/kWh)	Base Volumetric Charge ($/kW)	CSTA Rate Adders ($/kW)	Hopper Foundry Rate Adder ($/kW)	Total Volumetric Charge ($/kW)
				(A)	($)	(%)	($)	(%)	(C)	(D=A-C)	(E)	(F=A/B)	(G)	(H=BxG)	(I=H-A)	(J=I/D)		(K= (H - C) x M)	(M)	(L=H-C-K)					
UR	227,025	1,910	-	$ 93,715,921	$ 79,598,952	5.42%	$ 87,059,508	5.97%	$ 4,325,677	$ 89,390,244	1.10	1.08	1.08	$ 93,715,921	$ -	0.0%	$ 25.20	$ 68,657,917	77%	$ 20,732,327	$ 0.0109				
R1	447,465	4,592	-	$ 311,661,664	$ 282,627,936	19.26%	$ 284,982,262	19.54%	$ 11,526,031	$ 300,135,633	1.10	1.09	1.09	$ 311,661,664	$ -	0.0%	$ 33.88	$ 181,933,167	61%	$ 118,202,466	$ 0.0257				
R2	328,479	4,331	-	$ 514,688,866	$ 544,114,242	37.07%	$ 530,060,694	36.34%	$ 14,078,592	$ 500,610,274	0.95	0.97	0.97	$ 514,688,866	$ -	0.0%	$ 81.52	$ 321,337,217	64%	$ 179,273,058	$ 0.0414				
Seasonal	147,679	585	-	$ 108,863,543	$ 108,746,448	7.41%	$ 100,014,746	6.86%	$ 2,733,912	$ 106,129,631	1.04	1.09	1.09	$ 108,863,543	$ -	0.0%	$ 36.75	$ 65,125,072	61%	$ 41,004,559	$ 0.0700				
GSe	87,902	2,207	-	$ 164,464,563	$ 161,477,751	11.00%	$ 166,325,615	11.40%	$ 4,436,233	$ 160,028,330	0.99	0.99	0.99	$ 164,464,563	$ -	0.0%	$ 30.66	$ 32,343,657	20%	$ 127,684,673	$ 0.0579				
GSd	5,239	2,458	7,860,142	$ 139,157,912	$ 152,368,182	10.38%	$ 156,011,944	10.70%	$ 2,451,074	$ 136,706,837	0.95	0.89	0.89	$ 139,157,912	$ -	0.0%	$ 102.80	$ 6,463,088	5%	$ 130,243,750		$ 16.5702	$ 0.0643	$ 0.0078	$ 16.6423
UGe	18,000	604	-	$ 22,568,020	$ 22,785,476	1.55%	$ 22,453,096	1.54%	$ 749,778	$ 21,818,241	0.95	1.01	1.01	$ 22,568,020	$ -	0.0%	$ 23.95	$ 5,173,307	24%	$ 16,644,934	$ 0.0276				
UGd	1,735	1,037	2,698,633	$ 28,219,379	$ 31,755,025	2.16%	$ 30,958,791	2.12%	$ 528,137	$ 27,691,241	0.95	0.91	0.91	$ 28,219,379	$ -	0.0%	$ 96.08	$ 2,000,545	7%	$ 25,690,697		$ 9.5199	$ 0.0643		$ 9.5842
St Lgt	5,467	99	-	$ 10,217,116	$ 12,719,453	0.87%	$ 11,039,561	0.76%	$ 318,514	$ 9,898,602	0.95	0.93	0.93	$ 10,217,116	$ -	0.0%	$ 3.24	$ 212,566	2%	$ 9,686,035	$ 0.0974				
Sen Lgt	22,602	14	-	$ 5,505,002	$ 7,616,602	0.52%	$ 5,666,911	0.39%	$ 3,063,678	$ 2,441,324	0.95	0.97	0.97	$ 5,505,002	$ -	0.0%	$ 2.44	$ 661,084	27%	$ 1,780,240	$ 0.1312				
USL	5,490	29	-	$ 3,409,981	$ 2,953,443	0.20%	$ 2,781,236	0.19%	$ 106,833	$ 3,303,148	1.10	1.23	1.17	$ 3,254,046	$ (155,935)	-4.7%	$ 36.82	$ 2,425,810	77%	$ 721,403	$ 0.0245				
DGen	1,119	27	197,039	$ 3,676,293	$ 7,407,470	0.50%	$ 6,334,421	0.43%	$ 145,087	$ 3,531,206	0.61	0.58	0.60	$ 3,832,228	$ 155,935	4.4%	$ 170.17	$ 2,286,027	62%	$ 1,401,113		$ 7.1108	$ 0.0643		$ 7.1751
ST	807	15,158	29,084,055	$ 52,370,519	$ 53,453,334	3.64%	$ 54,829,992	3.76%	$ 1,046,718	$ 51,323,800	0.95	0.96	0.96	$ 52,370,519	$ -	0.0%	N/A*	$ 9,602,798	19%	$ 41,721,002		N/A*			N/A*
	1,299,009	**33,051**	**39,839,869**	**$ 1,458,518,777**	**$ 1,467,624,315**	**100%**	**$ 1,458,518,777**	**100%**	**$ 45,510,264**	**$ 1,413,008,512**				**$ 1,458,518,777**	**$0**			**$ 698,222,255**		**$ 714,786,257**					

*** ST Rates are calculated outside of this rate design model.**

Total Rev (K+L)	**$ 1,413,008,512**
Misc Rev (C)	**$ 45,510,264**
Total Rev Req	**$ 1,458,518,777**

2019 Status Quo Rate Design Including 3rd Year of Residential Phase-in to All-Fixed Rates

	Number of Customers	GWh	kWs	Revenue - with 2018 Rates and 2019 Charge Determinants	2018 Revenue	Revenue	Alloc Cost	Misc Rev	Revenue from Rates	2018 R/C Ratio	R/C Ratio	Target 2019 R/C Ratio	Total rev to be collected	Shifted Rev	% Change in revenue from rates	Base Fixed Charge ($/month)	Revenue from Fixed Charge	Fixed Rev %	Revenue from Volumetric Charge	Base Volumetric Charge ($/kWh)	Base Volumetric Charge ($/kW)	CSTA Rate Adders ($/kW)	Hopper Foundry Rate Adder ($/kW)	Total Volumetric Charge ($/kW)
				(Y)	(Z)	(A=Y*X_{RevReq})	(B=B_{2018}*$X_{AllocCost}$)	(C=C_{2018}*$X_{MiscRev}$)	(D=A-C)	(E)	(F=A/B)	(G)	(H=BxG)	(I=H-A)	(J=I/D)		(K= (H - C) x M)	(M)	(L=H-C-K)					
UR	229,781	1,900	-	$ 94,425,591	$ 93,715,921	$ 97,456,815	$ 89,407,793	$ 4,308,737	$ 93,148,078	1.08	1.09	1.09	$ 97,456,815	$ -	0.0%	$ 28.63	$ 78,932,271	85%	$ 14,215,807	$ 0.0075				
R1	451,387	4,560	-	$ 312,372,298	$ 311,661,664	$ 322,399,985	$ 292,669,183	$ 11,480,894	$ 310,919,091	1.09	1.10	1.10	$ 322,399,985	$ -	0.0%	$ 38.74	$ 209,850,596	67%	$ 101,068,495	$ 0.0222				
R2	330,183	4,249	-	$ 512,908,126	$ 514,688,866	$ 529,373,358	$ 544,358,198	$ 14,023,459	$ 515,349,900	0.97	0.97	0.97	$ 529,373,358	$ -	0.0%	$ 91.85	$ 363,942,106	71%	$ 151,407,793	$ 0.0356				
Seasonal	148,020	571	-	$ 107,997,130	$ 108,863,543	$ 111,464,023	$ 102,712,477	$ 2,723,206	$ 108,740,818	1.09	1.09	1.09	$ 111,464,023	$ -	0.0%	$ 39.04	$ 69,344,019	64%	$ 39,396,798	$ 0.0690				
GSe	87,625	2,154	-	$ 161,248,010	$ 164,464,563	$ 166,424,349	$ 170,811,971	$ 4,418,860	$ 162,005,488	0.99	0.97	0.97	$ 166,424,349	$ -	0.0%	$ 31.14	$ 32,743,264	20%	$ 129,262,224	$ 0.0600				
GSd	5,276	2,418	7,748,892	$ 137,349,953	$ 139,157,912	$ 141,759,123	$ 160,220,106	$ 2,441,476	$ 139,317,647	0.89	0.88	0.89	$ 141,954,753	$ 195,631	0.1%	$ 104.18	$ 6,595,768	5%	$ 132,917,510		$ 17.1531	$ 0.0646	$ 0.0082	$ 17.2259
UGe	18,050	595	-	$ 22,321,131	$ 22,568,020	$ 23,037,678	$ 23,058,731	$ 746,842	$ 22,290,836	1.01	1.00	1.00	$ 23,037,678	$ -	0.0%	$ 24.40	$ 5,285,364	24%	$ 17,005,472	$ 0.0286				
UGd	1,739	1,022	2,639,651	$ 27,660,690	$ 28,219,379	$ 28,548,646	$ 31,793,852	$ 526,069	$ 28,022,577	0.91	0.90	0.90	$ 28,548,646	$ -	0.0%	$ 96.99	$ 2,024,482	7%	$ 25,998,095		$ 9.8491	$ 0.0646		$ 9.9137
St Lgt	5,504	99	-	$ 10,208,743	$ 10,217,116	$ 10,536,461	$ 11,337,334	$ 317,267	$ 10,219,194	0.93	0.93	0.93	$ 10,536,461	$ -	0.0%	$ 3.32	$ 219,451	2%	$ 9,999,743	$ 0.1007				
Sen Lgt	22,444	13	-	$ 5,466,326	$ 5,505,002	$ 5,641,804	$ 5,819,766	$ 3,051,680	$ 2,590,124	0.97	0.97	0.96	$ 5,561,951	$ (79,853)	-3.1%	$ 2.52	$ 679,754	27%	$ 1,830,517	$ 0.1366				
USL	5,522	29	-	$ 3,267,438	$ 3,254,046	$ 3,372,328	$ 2,856,255	$ 106,415	$ 3,265,914	1.17	1.18	1.18	$ 3,372,328	$ -	0.0%	$ 37.99	$ 2,517,302	77%	$ 748,611	$ 0.0254				
DGen	1,236	28	202,720	$ 4,109,806	$ 3,832,228	$ 4,241,738	$ 6,505,281	$ 144,519	$ 4,097,219	0.60	0.65	0.63	$ 4,125,961	$ (115,777)	-2.8%	$ 165.97	$ 2,461,457	62%	$ 1,519,985		$ 7.4979	$ 0.0646		$ 7.5625
ST	810	15,003	28,760,523	$ 51,936,336	$ 52,370,519	$ 53,603,582	$ 56,308,940	$ 1,042,619	$ 52,560,962	0.96	0.95	0.95	$ 53,603,582	$ -	0.0%	N/A*	$ 9,834,274	19%	$ 42,726,688		N/A*			N/A*
	1,307,578	**32,641**	**39,351,786**	**$ 1,451,271,578**	**$ 1,458,518,777**	**$ 1,497,859,890**	**$ 1,497,859,890**	**$ 45,332,042**	**$ 1,452,527,848**				**$ 1,497,859,890**	**$ 0**			**$ 784,430,109**		**$ 668,097,738**					

*** ST Rates are calculated outside of this rate design model.**

2019 Adjustments (from 2018 Revenue Requirement) by Rate Class

	2018	2019	% (X)
Revenue Requirement***	$ 1,451,271,578	$ 1,497,859,890	103.21%
Alloc Cost	$ 1,458,518,777	$ 1,497,859,890	102.70%
Misc Revenue	$ 45,510,264	$ 45,332,042	99.61%

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

Total Rev (K+L)	**$ 1,452,527,848**
Misc Rev (C)	**$ 45,332,042**
Total Rev Req	**$ 1,497,859,890**

2020 Status Quo Rate Design Including 4th Year of Residential Phase-in to All-Fixed Rates

	Number of Customers	GWh	kWs	Revenue - with 2019 Rates and 2020 Charge Determinants	2019 Revenue	Revenue	Alloc Cost	Misc Rev	Revenue from Rates	2019 R/C Ratio	R/C Ratio	Target 2020 R/C Ratio	Total rev to be collected	Shifted Rev	% Change in revenue from rates	Base Fixed Charge ($/month)	Revenue from Fixed Charge	Fixed Rev %	Revenue from Volumetric Charge	Base Volumetric Charge ($/kWh)	Base Volumetric Charge ($/kW)	CSTA Rate Adders ($/kW)	Hopper Foundry Rate Adder ($/kW)	Total Volumetric Charge ($/kW)
				(Y)	(Z)	($A=Y*X_{RevReq}$)	($B=B_{2019}*X_{AllocCost}$)	($C=C_{2019}*X_{MiscRev}$)	(D=A-C)	(E)	(F=A/B)	(G)	(H=BxG)	(I=H-A)	(J=I/D)		(K= (H - C) x M)	(M)	(L=H-C-K)					
UR	232,510	1,908		$ 98,477,943	$ 97,456,815	$ 101,177,949	$ 91,875,448	$ 4,326,422	$ 96,851,526	1.09	1.10	1.10	$ 101,177,949	-	0%	$ 32.08	$ 89,495,198	92%	$ 7,356,328	$ 0.0039				
R1	455,259	4,569		$ 324,449,338	$ 322,399,985	$ 333,344,885	$ 300,746,853	$ 11,528,018	$ 321,816,867	1.10	1.11	1.11	$ 332,926,061	(418,824)	0%	$ 43.58	$ 238,092,238	74%	$ 83,305,805	$ 0.0182				
R2	331,843	4,207		$ 529,759,700	$ 529,373,358	$ 544,284,317	$ 559,382,484	$ 14,081,018	$ 530,203,299	0.97	0.97	0.97	$ 544,284,317	-	0%	$ 102.20	$ 406,976,270	77%	$ 123,227,029	$ 0.0293				
Seasonal	148,345	562		$ 111,007,759	$ 111,464,023	$ 114,051,300	$ 105,547,342	$ 2,734,383	$ 111,316,917	1.09	1.08	1.08	$ 114,051,300	-	0%	$ 44.62	$ 79,423,546	71%	$ 31,893,371	$ 0.0568				
GSe	87,464	2,120		$ 164,384,685	$ 166,424,349	$ 168,891,681	$ 175,526,382	$ 4,436,998	$ 164,454,683	0.97	0.96	0.96	$ 168,891,681	-	0%	$ 31.67	$ 33,238,276	20%	$ 131,216,407	$ 0.0619				
GSd	5,320	2,401	7,709,334	$ 141,340,709	$ 141,954,753	$ 145,215,899	$ 164,642,181	$ 2,451,497	$ 142,764,402	0.89	0.88	0.88	$ 145,215,899	-	0%	$ 105.73	$ 6,749,471	5%	$ 136,014,931		$ 17.6429	$ 0.0650	$ 0.0085	$ 17.7164
UGe	18,123	591		$ 22,948,112	$ 23,037,678	$ 23,577,289	$ 23,695,152	$ 749,908	$ 22,827,381	1.00	1.00	1.00	$ 23,577,289	-	0%	$ 24.89	$ 5,412,584	24%	$ 17,414,798	$ 0.0295				
UGd	1,746	1,016	2,605,735	$ 28,224,368	$ 28,548,646	$ 28,998,206	$ 32,671,363	$ 528,228	$ 28,469,978	0.90	0.89	0.89	$ 28,998,206	-	0%	$ 98.17	$ 2,056,804	7%	$ 26,413,174		$ 17.6429	$ 0.0650		$ 17.7079
St Lgt	5,541	99		$ 10,550,040	$ 10,536,461	$ 10,839,294	$ 11,650,245	$ 318,569	$ 10,520,725	0.93	0.93	0.93	$ 10,839,294	-	0%	$ 3.40	$ 225,926	2%	$ 10,294,799	$ 0.1035				
Sen Lgt	22,274	13		$ 5,548,520	$ 5,561,951	$ 5,700,645	$ 5,980,392	$ 3,064,206	$ 2,636,440	0.96	0.95	0.95	$ 5,700,645	-	0%	$ 2.67	$ 713,919	27%	$ 1,922,521	$ 0.1450				
USL	5,555	30		$ 3,392,853	$ 3,372,328	$ 3,485,876	$ 2,935,088	$ 106,851	$ 3,379,024	1.18	1.19	1.11	$ 3,249,135	(236,740)	-7%	$ 36.33	$ 2,422,011	77%	$ 720,273	$ 0.0243				
DGen	1,356	29	209,833	$ 4,419,565	$ 4,125,961	$ 4,540,738	$ 6,684,827	$ 145,112	$ 4,395,625	0.63	0.68	0.78	$ 5,196,302	655,565	15%	$ 192.43	$ 3,131,738	62%	$ 1,919,452		$ 17.6429	$ 0.0650		$ 17.7079
ST	813	15,026	28,747,748	$ 53,622,553	$ 53,603,582	$ 55,092,743	$ 57,863,067	$ 1,046,899	$ 54,045,844	0.95	0.95	0.95	$ 55,092,743	-	0%	N/A*	$ 10,112,099	19%	$ 43,933,745		N/A*			N/A*
	1,316,150	**32,572**	**39,272,650**	**$ 1,498,126,145**	**$ 1,497,859,890**	**$ 1,539,200,823**	**$ 1,539,200,823**	**$ 45,518,109**	**$ 1,493,682,713**				**$ 1,539,200,823**	**$ 0**			**$ 878,050,080**		**$ 615,632,634**					

*** ST Rates are calculated outside of this rate design model.**

2020 Adjustments (from 2019 Revenue Requirement) by Rate Class

	2019	2020	%
Revenue Requirement***	$ 1,498,126,145	$ 1,539,200,823	102.74%
Alloc Cost	$ 1,497,859,890	$ 1,539,200,823	102.76%
Misc Revenue	$ 45,332,042	$ 45,518,109	100.41%

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

Total Rev (K+L)	**$ 1,493,682,713**
Misc Rev (C)	**$ 45,518,109**
Total Rev Req	**$ 1,539,200,823**

2021 Status Quo Rate Design Including 5th Year of Residential Phase-in to All-Fixed Rates

	Number of Customers	GWh	kWs	Revenue - with 2020 rates and 2021 charge determinants (Y)	2020 Revenue (Z)	Revenue ($A=Y*X_{RevReq}$)	Alloc Cost ($B=B_{2020}*X_{AllocCost}$)	Misc Rev ($C=C_{2020}*X_{MiscRev}$)	Revenue from Rates (D=A-C)	2020 R/C Ratio (E)	R/C Ratio (F=A/B)	Target 2021 R/C Ratio (G)	Total rev to be collected (H=B*G)	Shifted Rev (I=H-A)	% Change in revenue from rates (J=I/D)	Base Fixed Charge ($/month)	Revenue from Fixed Charge (K= (H - C) x M)	Fixed Rev % (M)	Revenue from Volumetric Charge (L=H-C-K)	Base Volumetric Charge ($/kWh)	Base Volumetric Charge ($/kW)	CSTA Rate Adders ($/kW)	Hopper Foundry Rate Adder ($/kW)	Total Volumetric Charge ($/kW)
UR	235,238	1,920		$ 102,215,191	$ 101,177,949	$ 104,941,595	$ 94,631,712	$ 4,254,823	$ 100,686,773	1.10	1.11	1.11	$ 104,941,595	-	0%	$ 35.67	$ 100,686,773	100%	$ -					
R1	459,104	4,589		$ 335,096,658	$ 332,926,061	$ 344,034,751	$ 309,769,258	$ 11,337,236	$ 332,697,515	1.11	1.11	1.11	$ 344,034,751	-	0%	$ 48.70	$ 268,299,557	81%	$ 64,397,958	$ 0.0140				
R2	333,607	4,181		$ 545,453,361	$ 544,284,317	$ 560,002,336	$ 576,163,959	$ 13,847,986	$ 546,154,350	0.97	0.97	0.97	$ 560,002,336	-	0%	$ 112.85	$ 451,765,308	83%	$ 94,389,042	$ 0.0226				
Seasonal	148,656	555		$ 113,809,685	$ 114,051,300	$ 116,845,351	$ 108,713,762	$ 2,689,131	$ 114,156,221	1.08	1.07	1.07	$ 116,845,351	-	0%	$ 50.37	$ 89,852,371	79%	$ 24,303,849	$ 0.0438				
GSe	87,424	2,096		$ 167,308,146	$ 168,891,681	$ 171,770,786	$ 180,792,173	$ 4,363,568	$ 167,407,218	0.96	0.95	0.95	$ 171,770,786	-	0%	$ 32.25	$ 33,835,019	20%	$ 133,572,199	$ 0.0637				
GSd	5,365	2,392	7,694,461	$ 144,969,887	$ 145,215,899	$ 148,836,695	$ 169,581,447	$ 2,410,926	$ 146,425,769	0.88	0.88	0.88	$ 148,836,695	-	0%	$ 107.53	$ 6,922,569	5%	$ 139,503,199		$ 18.1303	$ 0.0652	$ 0.0088	$ 18.2043
UGe	18,220	589		$ 23,542,970	$ 23,577,289	$ 24,170,936	$ 24,406,007	$ 737,497	$ 23,433,439	1.00	0.99	0.99	$ 24,170,936	-	0%	$ 25.41	$ 5,556,286	24%	$ 17,877,153	$ 0.0304				
UGd	1,755	1,014	2,581,634	$ 28,755,552	$ 28,998,206	$ 29,522,554	$ 33,651,504	$ 519,486	$ 29,003,068	0.89	0.88	0.88	$ 29,522,554	-	0%	$ 99.51	$ 2,095,317	7%	$ 26,907,751		$ 10.4228	$ 0.0652		$ 10.4880
St Lgt	5,579	100		$ 10,872,851	$ 10,839,294	$ 11,162,865	$ 11,999,752	$ 313,297	$ 10,849,568	0.93	0.93	0.93	$ 11,162,865	-	0%	$ 3.48	$ 232,988	2%	$ 10,616,580	$ 0.1064				
Sen Lgt	22,139	13		$ 5,631,770	$ 5,700,645	$ 5,781,987	$ 6,159,804	$ 3,013,495	$ 2,768,492	0.95	0.94	0.94	$ 5,781,987	-	0%	$ 2.82	$ 749,677	27%	$ 2,018,815	$ 0.1534				
USL	5,589	30		$ 3,265,378	$ 3,249,135	$ 3,352,476	$ 3,023,141	$ 105,083	$ 3,247,393	1.11	1.11	1.11	$ 3,352,476	-	0%	$ 37.32	$ 2,503,027	77%	$ 744,366	$ 0.0250				
DGen	1,465	30	216,001	$ 5,500,367	$ 5,196,302	$ 5,647,080	$ 6,885,372	$ 142,711	$ 5,504,369	0.78	0.82	0.82	$ 5,647,080	-	0%	$ 194.19	$ 3,412,709	62%	$ 2,091,660		$ 9.6836	$ 0.0652		$ 9.7488
ST	816	15,108	30,486,196	$ 57,766,617	$ 55,092,743	$ 59,307,436	$ 59,598,959	$ 1,029,573	$ 58,277,863	0.95	1.00	1.00	$ 59,307,436	-	0%	N/A*	$ 10,903,919	19%	$ 47,373,944		N/A*			N/A*
	1,324,957	**32,618**	**40,978,292**	**$ 1,544,188,434**	**$ 1,539,200,823**	**$ 1,585,376,847**	**$ 1,585,376,847**	**$ 44,764,811**	**$ 1,540,612,036**				**$ 1,585,376,847**				**$ 976,815,520**		**$ 563,796,516**					

*** ST Rates are calculated outside of this rate design model.**

2021 Adjustments (from 2020 Revenue Requirement) by Rate Clas:

	2020	2021	% (X)
Revenue Requirement**	$ 1,544,188,434	$ 1,585,376,847	102.67%
Alloc Cost	$ 1,539,200,823	$ 1,585,376,847	103.00%
Misc Revenue	$ 45,518,109	$ 44,764,811	98.35%

** 2020: Revenue with 2020 rates and 2021 charge determinants
2021: 2021 Revenue before rate design adjustments

Total Rev (K+L)	**$ 1,540,612,036**
Misc Rev (C)	**$ 44,764,811**
Total Rev Req	**$ 1,585,376,847**

2022 Status Quo Rate Design Including 6th Year of Residential Phase-in to All-Fixed Rates

	Number of Customers	GWh	kWs	Revenue - with 2021 rates and 2022 charge determinants (Y)	2021 Revenue (Z)	Revenue ($A=Y*X_{RevReq}$)	Alloc Cost ($B=B_{2021}*X_{AllocCost}$)	Misc Rev ($C=C_{2021}*X_{MiscRev}$)	Revenue from Rates (D=A-C)	2021 R/C Ratio (E)	R/C Ratio (F=A/B)	Target 2022 R/C Ratio (G)	Total rev to be collected (H=B*G)	Shifted Rev (I=H-A)	% Change in revenue from rates (J=I/D)	Base Fixed Charge ($/month)	Revenue from Fixed Charge (K= (H - C) x M)	Fixed Rev % (M)	Revenue from Volumetric Charge (L=H-C-K)	Base Volumetric Charge ($/kWh)	Base Volumetric Charge ($/kW)	CSTA Rate Adders ($/kW)	Hopper Foundry Rate Adder ($/kW)	Total Volumetric Charge ($/kW)
UR	237,938	1,937		$ 106,118,345	$ 104,941,595	$ 108,808,301	$ 97,376,031	$ 4,271,417	$ 104,536,884	1.11	1.12	1.12	$ 108,808,301	-	0%	$ 36.61	$ 104,536,884	100%						
R1	462,873	4,620		$ 346,713,556	$ 344,034,751	$ 355,502,276	$ 318,752,567	$ 11,381,454	$ 344,120,822	1.11	1.12	1.12	$ 355,502,276	-	0%	$ 53.98	$ 299,853,469	87%	$ 44,267,353	$ 0.0096				
R2	335,422	4,171		$ 562,284,404	$ 560,002,336	$ 576,537,554	$ 592,872,713	$ 13,901,997	$ 562,635,558	0.97	0.97	0.97	$ 576,537,554	-	0%	$ 123.77	$ 498,175,307	89%	$ 64,460,251	$ 0.0155				
Seasonal	148,937	551		$ 116,845,413	$ 116,845,351	$ 119,807,287	$ 111,866,461	$ 2,699,619	$ 117,107,668	1.07	1.07	1.07	$ 119,807,287	-	0%	$ 56.28	$ 100,594,935	86%	$ 16,512,733	$ 0.0300				
GSe	87,505	2,081		$ 170,825,939	$ 171,770,786	$ 175,156,146	$ 186,035,146	$ 4,380,587	$ 170,775,559	0.95	0.94	0.94	$ 175,156,146	-	0%	$ 32.87	$ 34,515,802	20%	$ 136,259,757	$ 0.0655				
GSd	5,412	2,391	7,704,261	$ 149,084,600	$ 148,836,695	$ 152,863,693	$ 174,499,309	$ 2,420,329	$ 150,443,364	0.88	0.88	0.88	$ 152,863,693	-	0%	$ 109.52	$ 7,112,509	5%	$ 143,330,855		$ 18.6041	$ 0.0652	$ 0.0090	$ 18.6783
UGe	18,342	589		$ 24,222,549	$ 24,170,936	$ 24,836,558	$ 25,113,781	$ 740,374	$ 24,096,184	0.99	0.99	0.99	$ 24,836,558	-	0%	$ 25.96	$ 5,713,429	24%	$ 18,382,756	$ 0.0312				
UGd	1,766	1,016	2,567,244	$ 29,387,895	$ 29,522,554	$ 30,132,839	$ 34,627,397	$ 521,512	$ 29,611,326	0.88	0.87	0.87	$ 30,132,839	-	0%	$ 100.96	$ 2,139,261	7%	$ 27,472,066		$ 10.7010	$ 0.0652		$ 10.7662
St Lgt	5,617	100		$ 11,231,604	$ 11,162,865	$ 11,516,310	$ 12,347,745	$ 314,519	$ 11,201,791	0.93	0.93	0.93	$ 11,516,310	-	0%	$ 3.57	$ 240,552	2%	$ 10,961,239	$ 0.1092				
Sen Lgt	22,037	13		$ 5,783,002	$ 5,781,987	$ 5,929,593	$ 6,338,438	$ 3,025,248	$ 2,904,345	0.94	0.94	0.94	$ 5,929,593	-	0%	$ 2.97	$ 786,465	27%	$ 2,117,880	$ 0.1615				
USL	5,623	30		$ 3,375,374	$ 3,352,476	$ 3,460,935	$ 3,110,812	$ 105,493	$ 3,355,442	1.11	1.11	1.11	$ 3,460,935	-	0%	$ 38.33	$ 2,586,309	77%	$ 769,133	$ 0.0255				
DGen	1,562	31	222,751	$ 5,941,127	$ 5,647,080	$ 6,091,727	$ 7,085,047	$ 143,267	$ 5,948,459	0.82	0.86	0.86	$ 6,091,727	-	0%	$ 196.71	$ 3,688,045	62%	$ 2,260,415		$ 10.1477	$ 0.0652		$ 10.2129
ST	818	15,063	30,395,846	$ 59,208,698	$ 59,307,436	$ 60,709,558	$ 61,327,328	$ 1,033,589	$ 59,675,969	1.00	0.99	0.99	$ 60,709,558	-	0%	N/A*	$ 11,165,508	19%	$ 48,510,462		N/A*			N/A*
	1,333,853	32,593	40,890,103	$ 1,591,022,505	$ 1,585,376,847	$ 1,631,352,776	$ 1,631,352,776	$ 44,939,406	$ 1,586,413,370				$ 1,631,352,776				$ 1,071,108,473		$ 515,304,897					

*** ST Rates are calculated outside of this rate design model.**

2022 Adjustments (from 2021 Revenue Requirement) by Rate Class

	2021	2022	% (X)
Revenue Requirement**	$ 1,544,188,434	$ 1,585,376,847	102.67%
Alloc Cost	$ 1,539,200,823	$ 1,585,376,847	103.00%
Misc Revenue	$ 45,518,109	$ 44,764,811	98.35%

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

Total Rev (K+L)	**$ 1,586,413,370**
Misc Rev (C)	**$ 44,939,406**
Total Rev Req	**$ 1,631,352,776**

2018 Seasonal Eliminated Rate Design (suspension year for residential phase-in to all-fixed rates)

	Number of Customers	GWh	kWs	Revenue	Costs Allocated from Previous Study (2017)		Alloc Cost		Misc Rev	Revenue from Rates	2017 R/C Ratio	R/C Ratio from the CAM	Target 2018 R/C Ratio	Total rev to be collected	Shifted Rev	% Change in revenue from rates	Base Fixed Charge ($/month)	Revenue from Fixed Charge	Fixed Rev %	Revenue from Volumetric Charge	Base Volumetric Charge ($/kWh)	Base Volumetric Charge ($/kW)	CSTA Rate Adders ($/kW)	Hopper Foundry Rate Adder ($/kW)	Total Volumetric Charge ($/kW)
				(A)	($)	(%)	($)	(%)	(C)	(D=A-C)	(E)	(F=A/B)	(G)	(H=BxG)	(I=H-A)	(J=I/D)		(K= (H - C) x M)	(M)	(L=H-C-K)					
UR	227,271	1,911		$ 92,521,967	$ 79,598,952	5.42%	$ 87,659,828	6.01%	$ 4,338,409	$ 88,183,559	1.10	1.06	1.06	$ 92,521,967	$ -	0.0%	$ 24.83	$ 67,731,098	77%	$ 20,452,460	$ 0.0107				
R1	517,304	4,854		$ 343,669,732	$ 282,627,936	19.26%	$ 312,487,333	21.42%	$ 12,479,573	$ 331,190,158	1.10	1.10	1.10	$ 343,669,732	$ -	0.0%	$ 32.34	$ 200,757,483	61%	$ 130,432,675	$ 0.0269				
R2	406,074	4,653		$ 598,671,992	$ 544,114,242	37.07%	$ 596,566,858	40.90%	$ 15,760,045	$ 582,911,947	0.95	1.00	1.00	$ 598,671,992	$ -	0.0%	$ 76.79	$ 374,165,917	64%	$ 208,746,029	$ 0.0449				
Seasonal	-	-		$ -	$ 108,746,448	7.41%	$ -	0.00%	$ -	$ -	1.04	0.00	0.00	$ -	$ -	0.0%									
GSe	87,902	2,207		$ 162,188,933	$ 161,477,751	11.00%	$ 168,565,351	11.56%	$ 4,472,225	$ 157,716,709	0.99	0.96	0.96	$ 162,188,933	$ -	0.0%	$ 30.22	$ 31,876,450	20%	$ 125,840,258	$ 0.0570				
GSd	5,239	2,458	7,860,142	$ 137,218,364	$ 152,368,182	10.38%	$ 158,227,608	10.85%	$ 2,486,267	$ 134,732,097	0.95	0.87	0.87	$ 137,218,364	$ -	0.0%	$ 101.32	$ 6,369,728	5%	$ 128,362,369		$ 16.3308	$ 0.0643	$ 0.0077	$ 16.4028
UGe	18,000	604		$ 22,257,548	$ 22,785,476	1.55%	$ 22,747,355	1.56%	$ 754,473	$ 21,503,075	0.95	0.98	0.98	$ 22,257,548	$ -	0.0%	$ 23.60	$ 5,098,578	24%	$ 16,404,497	$ 0.0272				
UGd	1,735	1,037	2,698,633	$ 27,826,178	$ 31,755,025	2.16%	$ 31,381,715	2.15%	$ 534,939	$ 27,291,239	0.95	0.89	0.89	$ 27,826,178	$ -	0.0%	$ 94.70	$ 1,971,647	7%	$ 25,319,593		$ 9.3824	$ 0.0643		$ 9.4467
St Lgt	5,467	99		$ 10,076,342	$ 12,719,453	0.87%	$ 11,175,949	0.77%	$ 320,727	$ 9,755,616	0.95	0.90	0.90	$ 10,076,342	$ -	0.0%	$ 3.19	$ 209,496	2%	$ 9,546,120	$ 0.0960				
Sen Lgt	22,602	14		$ 5,469,725	$ 7,616,602	0.52%	$ 5,666,248	0.39%	$ 3,063,666	$ 2,406,059	0.95	0.97	0.97	$ 5,469,725	$ -	0.0%	$ 2.40	$ 651,534	27%	$ 1,754,525	$ 0.1293				
USL	5,490	29		$ 3,362,262	$ 2,953,443	0.20%	$ 2,780,990	0.19%	$ 106,829	$ 3,255,434	1.10	1.21	1.14	$ 3,156,424	$ (205,838)	-6.3%	$ 35.68	$ 2,350,568	77%	$ 699,027	$ 0.0237				
DGen	1,119	27	197,039	$ 3,625,285	$ 7,407,470	0.50%	$ 6,334,458	0.43%	$ 145,088	$ 3,480,197	0.61	0.57	0.60	$ 3,831,123	$ 205,838	5.9%	$ 170.12	$ 2,285,342	62%	$ 1,400,693		$ 7.1087	$ 0.0643		$ 7.1730
ST	807	15,158	29,084,055	$ 51,630,448	$ 53,453,334	3.64%	$ 54,925,082	3.77%	$ 1,048,024	$ 50,582,424	0.95	0.94	0.94	$ 51,630,448	$ -	0.0%	N/A*	$ 9,464,085	19%	$ 41,118,339		N/A*			N/A*
	1,299,009	**33,051**	**39,839,869**	**$ 1,458,518,777**	**$ 1,467,624,315**	**100%**	**$ 1,458,518,777**	**100%**	**$ 45,510,264**	**$ 1,413,008,512**				**$ 1,458,518,777**	**$ -**			**$ 702,931,928**		**$ 710,076,584**					

*** ST Rates are calculated outside of this rate design model.**

Total Rev (K+L) $ 1,413,008,512
Misc Rev (C) $ 45,510,264
Total Rev Req $ 1,458,518,777

2019 Seasonal Eliminated Rate Design Including 3rd Year of Residential Phase-in to All-Fixed Rates

	Number of Customers	GWh	kWs	Revenue - with 2018 Rates and 2019 Charge Determinants	2018 Revenue	Revenue	Alloc Cost	Misc Rev	Revenue from Rates	2018 R/C Ratio	R/C Ratio	Target 2019 R/C Ratio	Total rev to be collected	Shifted Rev	% Change in revenue from rates	Base Fixed Charge ($/month)	Revenue from Fixed Charge	Fixed Rev %	Revenue from Volumetric Charge	Base Volumetric Charge ($/kWh)	Base Volumetric Charge ($/kW)	CSTA Rate Adders ($/kW)	Hopper Foundry Rate Adder ($/kW)	Total Volumetric Charge ($/kW)
				(Y)	(Z)	(A=Y*X_{RevReq})	(B=B_{2018}*$X_{AllocCost}$)	(C=C_{2018}*$X_{MiscRev}$)	(D=A-C)	(E)	(F=A/B)	(G)	(H=BxG)	(I=H-A)	(J=I/D)		(K= (H - C) x M)	(M)	(L=H-C-K)					
UR	230,027	1,901		$ 93,212,554	$ 92,521,967	$ 96,193,103	$ 90,024,306	$ 4,321,419	$ 91,871,684	1.06	1.07	1.07	$ 96,193,103	$ -	0.0%	$ 28.20	$ 77,850,670	85%	$ 14,021,014	$ 0.0074				
R1	521,388	4,815		$ 344,167,024	$ 343,669,732	$ 355,172,054	$ 320,916,158	$ 12,430,702	$ 342,741,352	1.10	1.11	1.11	$ 355,172,054	$ -	0.0%	$ 36.97	$ 231,334,854	67%	$ 111,406,498	$ 0.0231				
R2	407,957	4,563		$ 596,343,385	$ 598,671,992	$ 615,411,967	$ 612,658,255	$ 15,698,327	$ 599,713,640	1.00	1.00	1.00	$ 615,411,967	$ -	0.0%	$ 86.51	$ 423,503,523	71%	$ 176,210,117	$ 0.0386				
Seasonal	0	0		$ -	$ -	$ -	$ -	$ -	$ -	0.00	0.00	0.00	$ -	$ -	0.0%									
GSe	87,625	2,154		$ 159,021,487	$ 162,188,933	$ 164,106,332	$ 173,112,121	$ 4,454,711	$ 159,651,621	0.96	0.95	0.95	$ 164,106,332	$ -	0.0%	$ 30.69	$ 32,267,520	20%	$ 127,384,102	$ 0.0592				
GSd	5,276	2,418	7,748,892	$ 135,436,558	$ 137,218,364	$ 139,767,256	$ 162,495,534	$ 2,476,530	$ 137,290,726	0.87	0.86	0.86	$ 139,767,256	$ -	0.0%	$ 102.52	$ 6,490,692	5%	$ 130,800,033		$ 16.8798	$ 0.0646	$ 0.0081	$ 16.9525
UGe	18,050	595		$ 22,013,290	$ 22,257,548	$ 22,717,183	$ 23,360,927	$ 751,518	$ 21,965,665	0.98	0.97	0.97	$ 22,717,183	$ -	0.0%	$ 24.05	$ 5,208,263	24%	$ 16,757,402	$ 0.0282				
UGd	1,739	1,022	2,639,651	$ 27,275,668	$ 27,826,178	$ 28,147,831	$ 32,228,184	$ 532,844	$ 27,614,987	0.89	0.87	0.87	$ 28,147,831	$ -	0.0%	$ 95.58	$ 1,995,036	7%	$ 25,619,951		$ 9.7058	$ 0.0646		$ 9.7704
St Lgt	5,504	99		$ 10,067,852	$ 10,076,342	$ 10,389,780	$ 11,477,402	$ 319,471	$ 10,070,310	0.90	0.91	0.91	$ 10,389,780	$ -	0.0%	$ 3.27	$ 216,254	2%	$ 9,854,056	$ 0.0992				
Sen Lgt	22,444	13		$ 5,430,154	$ 5,469,725	$ 5,603,788	$ 5,819,086	$ 3,051,669	$ 2,552,119	0.97	0.96	0.96	$ 5,603,788	$ -	0.0%	$ 2.57	$ 691,086	27%	$ 1,861,034	$ 0.1389				
USL	5,522	29		$ 3,169,524	$ 3,156,424	$ 3,270,872	$ 2,856,003	$ 106,410	$ 3,164,462	1.14	1.15	1.15	$ 3,270,872	$ -	0.0%	$ 36.81	$ 2,439,105	77%	$ 725,356	$ 0.0246				
DGen	1,236	28	202,720	$ 4,108,633	$ 3,831,123	$ 4,240,010	$ 6,505,319	$ 144,520	$ 4,095,490	0.60	0.65	0.65	$ 4,240,010	$ -	0.0%	$ 171.21	$ 2,539,204	62%	$ 1,556,286		$ 7.6770	$ 0.0646		$ 7.7416
ST	810	15,003	28,760,523	$ 51,202,470	$ 51,630,448	$ 52,839,712	$ 56,406,595	$ 1,043,920	$ 51,795,792	0.94	0.94	0.94	$ 52,839,712	$ -	0.0%	N/A*	$ 9,691,109	19%	$ 42,104,683		N/A*			N/A*
	1,307,578	**32,641**	**39,351,786**	**$ 1,451,448,600**	**$ 1,458,518,777**	**$ 1,497,859,890**	**$ 1,497,859,890**	**$ 45,332,042**	**$ 1,452,527,848**				**$ 1,497,859,890**	**$ -**			**$ 794,227,315**		**$ 658,300,533**					

*** ST Rates are calculated outside of this rate design model.**

2019 Adjustments (from 2018 Revenue Requirement) by Rate Class

	2018	2019	% (X)
Revenue Requirement***	$ 1,451,448,600	$ 1,497,859,890	103.20%
Alloc Cost	$ 1,458,518,777	$ 1,497,859,890	102.70%
Misc Revenue	$ 45,510,264	$ 45,332,042	99.61%

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

Total Rev (K+L)	**$ 1,452,527,848**
Misc Rev (C)	**$ 45,332,042**
Total Rev Req	**$ 1,497,859,890**

2020 Seasonal Eliminated Rate Design Including 4th Year of Residential Phase-in to All-Fixed Rates

	Number of Customers	GWh	kWs	Revenue - with 2019 Rates and 2020 Charge Determinants	2019 Revenue	Revenue	Alloc Cost	Misc Rev	Revenue from Rates	2019 R/C Ratio	R/C Ratio	Target 2020 R/C Ratio	Total rev to be collected	Shifted Rev	% Change in revenue from rates	Base Fixed Charge ($/month)	Revenue from Fixed Charge	Fixed Rev %	Revenue from Volumetric Charge	Base Volumetric Charge ($/kWh)	Base Volumetric Charge ($/kW)	CSTA Rate Adders ($/kW)	Hopper Foundry Rate Adder ($/kW)	Total Volumetric Charge ($/kW)
				(Y)	(Z)	(A=Y*X_{RevReq})	(B=B_{2019}*$X_{AllocCost}$)	(C=C_{2019}*$X_{MiscRev}$)	(D=A-C)	(E)	(F=A/B)	(G)	(H=BxG)	(I=H-A)	(J=I/D)		(K= (H - C) x M)	(M)	(L=H-C-K)					
UR	232,756	1,909		$ 97,178,580	$ 96,193,103	$ 99,832,878	$ 92,508,977	$ 4,339,157	$ 95,493,722	1.07	1.08	1.08	$ 99,832,878	$ -	0%	$ 31.59	$ 88,233,507	92%	$ 7,260,215	$ 0.0038				
R1	525,413	4,821		$ 357,110,636	$ 355,172,054	$ 366,864,618	$ 329,773,444	$ 12,481,725	$ 354,382,894	1.11	1.11	1.11	$ 366,461,994	$ (402,625)	0%	$ 41.62	$ 262,427,610	74%	$ 91,552,659	$ 0.0190				
R2	409,788	4,516		$ 615,580,260	$ 615,411,967	$ 632,393,981	$ 629,567,623	$ 15,762,762	$ 616,631,220	1.00	1.00	1.00	$ 632,393,981	$ -	0%	$ 96.24	$ 473,236,560	77%	$ 143,394,660	$ 0.0317				
Seasonal	-	-		$ -	$ -	$ -	$ -	$ -	$ -				$ -	$ -										
GSe	87,464	2,120		$ 162,099,287	$ 164,106,332	$ 166,526,804	$ 177,890,015	$ 4,472,996	$ 162,053,809	0.95	0.94	0.94	$ 166,526,804	$ -	0%	$ 31.21	$ 32,753,031	20%	$ 129,300,778	$ 0.0610				
GSd	5,320	2,401	7,709,334	$ 139,163,276	$ 139,767,256	$ 142,964,328	$ 166,980,411	$ 2,486,695	$ 140,477,633	0.86	0.86	0.86	$ 142,964,328	$ -	0%	$ 104.04	$ 6,641,359	5%	$ 133,836,273		$ 17.3603	$ 0.0650	$ 0.0084	$ 17.4336
UGe	18,123	591		$ 22,630,280	$ 22,717,183	$ 23,248,394	$ 24,005,688	$ 754,603	$ 22,493,791	0.97	0.97	0.97	$ 23,248,394	$ -	0%	$ 24.52	$ 5,333,487	24%	$ 17,160,305	$ 0.0291				
UGd	1,746	1,016	2,605,735	$ 27,828,344	$ 28,147,831	$ 28,588,437	$ 33,117,682	$ 535,031	$ 28,053,405	0.87	0.86	0.86	$ 28,588,437	$ -	0%	$ 96.73	$ 2,026,709	7%	$ 26,026,696		$ 9.9882	$ 0.0650		$ 10.0532
St Lgt	5,541	99		$ 10,403,081	$ 10,389,780	$ 10,687,227	$ 11,794,178	$ 320,782	$ 10,366,445	0.91	0.91	0.91	$ 10,687,227	$ -	0%	$ 3.35	$ 222,613	2%	$ 10,143,832	$ 0.1020				
Sen Lgt	22,274	13		$ 5,592,060	$ 5,603,788	$ 5,744,799	$ 5,979,693	$ 3,064,195	$ 2,680,604	0.96	0.96	0.96	$ 5,744,799	$ -	0%	$ 2.72	$ 725,878	27%	$ 1,954,726	$ 0.1475				
USL	5,555	30		$ 3,290,780	$ 3,270,872	$ 3,380,663	$ 2,934,829	$ 106,847	$ 3,273,816	1.15	1.15	1.11	$ 3,261,339	$ (119,324)	-4%	$ 36.47	$ 2,431,421	77%	$ 723,071	$ 0.0244				
DGen	1,356	29	209,833	$ 4,542,421	$ 4,240,010	$ 4,666,491	$ 6,684,866	$ 145,113	$ 4,521,378	0.65	0.70	0.78	$ 5,188,439	$ 521,948	12%	$ 192.13	$ 3,126,862	62%	$ 1,916,464		$ 9.1333	$ 0.0650		$ 9.1983
ST	813	15,026	28,747,748	$ 52,858,447	$ 52,839,712	$ 54,302,202	$ 57,963,417	$ 1,048,205	$ 53,253,997	0.94	0.94	0.94	$ 54,302,202	$ -	0%	N/A*	$ 9,963,942	19%	$ 43,290,055		N/A*			N/A*
	1,316,150	**32,572**	**39,272,650**	**$ 1,498,277,452**	**$ 1,497,859,890**	**$ 1,539,200,823**	**$ 1,539,200,823**	**$ 45,518,109**	**$ 1,493,682,713**				**$ 1,539,200,823**	**$ 0**			**$ 887,122,980**		**$ 606,559,734**					

*** ST Rates are calculated outside of this rate design model.**

2020 Adjustments (from 2019 Revenue Requirement) by Rate Class

	2019	2020	%
Revenue Requirement***	$ 1,498,277,452	$ 1,539,200,823	102.73%
Alloc Cost	$ 1,497,859,890	$ 1,539,200,823	102.76%
Misc Revenue	$ 45,332,042	$ 45,518,109	100.41%

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

Total Rev (K+L)	**$ 1,493,682,713**
Misc Rev (C)	**$ 45,518,109**
Total Rev Req	**$ 1,539,200,823**

2021 Seasonal Eliminated Rate Design Including 5th Year of Residential Phase-in to All-Fixed Rates

	Number of Customers	GWh	kWs	Revenue - with 2020 rates and 2021 charge determinants	2020 Revenue	Revenue	Alloc Cost	Misc Rev	Revenue from Rates	2020 R/C Ratio	R/C Ratio	Target 2021 R/C Ratio	Total rev to be collected	Shifted Rev	% Change in revenue from rates	Base Fixed Charge ($/month)	Revenue from Fixed Charge	Fixed Rev %	Revenue from Volumetric Charge	Base Volumetric Charge ($/kWh)	Base Volumetric Charge ($/kW)	CSTA Rate Adders ($/kW)	Hopper Foundry Rate Adder ($/kW)	Total Volumetric Charge ($/kW)
				(Y)	(Z)	(A=Y*X_{RevReq})	(B=B_{2020}*$X_{AllocCost}$)	(C=C_{2020}*$X_{MiscRev}$)	(D=A-C)	(E)	(F=A/B)	(G)	(H=B*G)	(I=H-A)	(J=I/D)		(K= (H - C) x M)	(M)	(L=H-C-K)					
UR	235,485	1,921		$ 100,841,272	$ 99,832,878	$ 103,530,709	$ 95,284,246	$ 4,267,346	$ 99,263,362	1.08	1.09	1.09	$ 103,530,709	-	0%	$ 35.13	$ 99,263,362	100%					
R1	529,405	4,838		$ 368,554,145	$ 366,461,994	$ 378,383,484	$ 339,666,648	$ 12,275,159	$ 366,108,324	1.11	1.11	1.11	$ 378,383,484	-	0%	$ 46.48	$ 295,277,858	81%	$ 70,830,466	$ 0.0146				
R2	411,716	4,487		$ 633,444,003	$ 632,393,981	$ 650,337,954	$ 648,454,652	$ 15,501,897	$ 634,836,057	1.00	1.00	1.00	$ 650,337,954	-	0%	$ 106.30	$ 525,201,781	83%	$ 109,634,276	$ 0.0244				
Seasonal	-	-		$ -	$ -	$ -	$ -	$ -	$ -				$ -	-	0%									
GSe	87,424	2,096		$ 164,967,186	$ 166,526,804	$ 169,366,860	$ 183,226,716	$ 4,398,970	$ 164,967,890	0.94	0.92	0.92	$ 169,366,860	-	0%	$ 31.78	$ 33,342,002	20%	$ 131,625,889	$ 0.0628				
GSd	5,365	2,392	7,694,461	$ 142,721,253	$ 142,964,328	$ 146,527,629	$ 171,989,823	$ 2,445,542	$ 144,082,087	0.86	0.85	0.85	$ 146,527,629	-	0%	$ 105.81	$ 6,811,767	5%	$ 137,270,319		$ 17.8401	$ 0.0652	$ 0.0086	$17.9140
UGe	18,220	589		$ 23,212,947	$ 23,248,394	$ 23,832,037	$ 24,725,859	$ 742,115	$ 23,089,922	0.97	0.96	0.96	$ 23,832,037	-	0%	$ 25.04	$ 5,474,835	24%	$ 17,615,087	$ 0.0299				
UGd	1,755	1,014	2,581,634	$ 28,349,018	$ 28,588,437	$ 29,105,086	$ 34,111,213	$ 526,177	$ 28,578,909	0.86	0.85	0.85	$ 29,105,086	-	0%	$ 98.05	$ 2,064,674	7%	$ 26,514,235		$ 10.2703	$ 0.0652		$10.3356
St Lgt	5,579	100		$ 10,720,168	$ 10,687,227	$ 11,006,075	$ 12,148,003	$ 315,473	$ 10,690,602	0.91	0.91	0.91	$ 11,006,075	-	0%	$ 3.43	$ 229,574	2%	$ 10,461,028	$ 0.1048				
Sen Lgt	22,139	13		$ 5,677,020	$ 5,744,799	$ 5,828,426	$ 6,159,083	$ 3,013,484	$ 2,814,943	0.96	0.95	0.95	$ 5,828,426	-	0%	$ 2.87	$ 762,255	27%	$ 2,052,687	$ 0.1560				
USL	5,589	30		$ 3,277,575	$ 3,261,339	$ 3,364,988	$ 3,022,873	$ 105,079	$ 3,259,909	1.11	1.11	1.11	$ 3,364,988	-	0%	$ 37.47	$ 2,512,674	77%	$ 747,235	$ 0.0251				
DGen	1,465	30	216,001	$ 5,492,020	$ 5,188,439	$ 5,638,492	$ 6,885,412	$ 142,711	$ 5,495,781	0.78	0.82	0.82	$ 5,638,492	-	0%	$ 193.89	$ 3,407,384	62%	$ 2,088,397		$ 9.6685	$ 0.0652		$9.7337
ST	816	15,108	30,486,196	$ 56,936,610	$ 54,302,202	$ 58,455,109	$ 59,702,319	$ 1,030,858	$ 57,424,251	0.94	0.98	0.98	$ 58,455,109	-	0%	N/A*	$ 10,744,206	19%	$ 46,680,045		N/A*			N/A*
	1,324,957	**32,618**	**40,978,292**	**$ 1,544,193,217**	**$ 1,539,200,823**	**$ 1,585,376,847**	**$ 1,585,376,847**	**$ 44,764,811**	**$ 1,540,612,036**				**$ 1,585,376,847**				**$ 985,092,373**		**$ 555,519,663**					

*** ST Rates are calculated outside of this rate design model.**

2021 Adjustments (from 2020 Revenue Requirement) by Rate Class

	2020	2021	% (X)
Revenue Requirement**	$ 1,544,193,217	$ 1,585,376,847	102.67%
Alloc Cost	$ 1,539,200,823	$ 1,585,376,847	103.00%
Misc Revenue	$ 45,518,109	$ 44,764,811	98.35%

** 2020: Revenue with 2020 rates and 2021 charge determinants
2021: 2021 Revenue before rate design adjustments

Total Rev (K+L)	**$ 1,540,612,036**
Misc Rev (C)	**$ 44,764,811**
Total Rev Req	**$ 1,585,376,847**

2022 Seasonal Eliminated Rate Design Including 6th Year of Residential Phase-in to All-Fixed Rates

	Number of Customers	GWh	kWs	Revenue - with 2021 rates and 2022 charge determinants	2021 Revenue	Revenue	Alloc Cost	Misc Rev	Revenue from Rates	2021 R/C Ratio	R/C Ratio	Target 2022 R/C Ratio	Total rev to be collected	Shifted Rev	% Change in revenue from rates	Base Fixed Charge ($/month)	Revenue from Fixed Charge	Fixed Rev %	Revenue from Volumetric Charge	Base Volumetric Charge ($/kWh)	Base Volumetric Charge ($/kW)	CSTA Rate Adders ($/kW)	Hopper Foundry Rate Adder ($/kW)	Total Volumetric Charge ($/kW)
				(Y)	(Z)	(A=Y*X_{RevReq})	(B=B_{2021}*$X_{AllocCost}$)	(C=C_{2021}*$X_{MiscRev}$)	(D=A-C)	(E)	(F=A/B)	(G)	(H=B*G)	(I=H-A)	(J=I/D)		(K= (H - C) x M)	(M)	(L=H-C-K)					
UR	238,185	1,938		$ 104,693,304	$ 103,530,709	$ 107,352,241	$ 98,047,489	$ 4,283,990	$ 103,068,250	1.09	1.09	1.09	$ 107,352,241	-	0%	$ 36.06	$ 103,068,250	100%					
R1	533,307	4,867		$ 381,033,355	$ 378,383,484	$ 390,710,606	$ 349,516,981	$ 12,323,036	$ 378,387,570	1.11	1.12	1.12	$ 390,710,606	-	0%	$ 51.53	$ 329,749,982	87%	$ 48,637,588	$ 0.0100				
R2	413,678	4,474		$ 652,574,010	$ 650,337,954	$ 669,147,684	$ 667,259,837	$ 15,562,359	$ 653,585,325	1.00	1.00	1.00	$ 669,147,684	-	0%	$ 116.61	$ 578,892,172	89%	$ 74,693,153	$ 0.0167				
Seasonal	-	-		$ -	$ -	$ -	$ -	$ -	$ -				$ -	-	0%									
GSe	87,505	2,081		$ 168,436,085	$ 169,366,860	$ 172,713,921	$ 188,540,291	$ 4,416,127	$ 168,297,794	0.92	0.92	0.92	$ 172,713,921	-	0%	$ 32.39	$ 34,015,015	20%	$ 134,282,778	$ 0.0645				
GSd	5,412	2,391	7,704,261	$ 146,771,924	$ 146,527,629	$ 150,499,547	$ 176,977,528	$ 2,455,080	$ 148,044,467	0.85	0.85	0.85	$ 150,499,547	-	0%	$ 107.77	$ 6,999,097	5%	$ 141,045,370		$ 18.3074	$ 0.0652	$ 0.0088	$18.3815
UGe	18,342	589		$ 23,883,502	$ 23,832,037	$ 24,490,080	$ 25,442,909	$ 745,009	$ 23,745,071	0.96	0.96	0.96	$ 24,490,080	-	0%	$ 25.58	$ 5,630,177	24%	$ 18,114,894	$ 0.0307				
UGd	1,766	1,016	2,567,244	$ 28,972,352	$ 29,105,086	$ 29,708,174	$ 35,100,438	$ 528,229	$ 29,179,945	0.85	0.85	0.85	$ 29,708,174	-	0%	$ 99.49	$ 2,108,096	7%	$ 27,071,850		$ 10.5451	$ 0.0652		$10.6103
St Lgt	5,617	100		$ 11,073,900	$ 11,006,075	$ 11,355,148	$ 12,500,295	$ 316,704	$ 11,038,445	0.91	0.91	0.91	$ 11,355,148	-	0%	$ 3.52	$ 237,044	2%	$ 10,801,401	$ 0.1076				
Sen Lgt	22,037	13		$ 5,829,971	$ 5,828,426	$ 5,978,037	$ 6,337,697	$ 3,025,237	$ 2,952,800	0.95	0.94	0.94	$ 5,978,037	-	0%	$ 3.02	$ 799,586	27%	$ 2,153,214	$ 0.1641				
USL	5,623	30		$ 3,388,388	$ 3,364,988	$ 3,474,444	$ 3,110,537	$ 105,489	$ 3,368,955	1.11	1.12	1.12	$ 3,474,444	-	0%	$ 38.49	$ 2,596,725	77%	$ 772,230	$ 0.0256				
DGen	1,562	31	222,751	$ 5,932,138	$ 5,638,492	$ 6,082,798	$ 7,085,089	$ 143,268	$ 5,939,531	0.82	0.86	0.86	$ 6,082,798	-	0%	$ 196.41	$ 3,682,509	62%	$ 2,257,022		$ 10.1325	$ 0.0652		$10.1977
ST	818	15,063	30,395,846	$ 58,357,956	$ 58,455,109	$ 59,840,095	$ 61,433,687	$ 1,034,878	$ 58,805,217	0.98	0.97	0.97	$ 59,840,095	-	0%	N/A*	$ 11,002,588	19%	$ 47,802,629		N/A*			N/A*
	1,333,853	**32,593**	**40,890,103**	**$ 1,590,946,884**	**$ 1,585,376,847**	**$ 1,631,352,776**	**$ 1,631,352,776**	**$ 44,939,406**	**$ 1,586,413,370**				**$ 1,631,352,776**				**$ 1,078,781,240**		**$ 507,632,130**					

*** ST Rates are calculated outside of this rate design model.**

2022 Adjustments (from 2021 Revenue Requirement) by Rate Class

	2021	2022	% (X)
Revenue Requirement**	$ 1,590,946,884	$ 1,631,352,776	102.54%
Alloc Cost	$ 1,585,376,847	$ 1,631,352,776	102.90%
Misc Revenue	$ 44,764,811	$ 44,939,406	100.39%

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

Total Rev (K+L)	**$ 1,586,413,370**
Misc Rev (C)	**$ 44,939,406**
Total Rev Req	**$ 1,631,352,776**

Appendix E

RRWF for Move to All Fix Residential Distribution Rates (2019-2022) Under Seasonal Eliminated Scenario

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

New Rate Design Policy For Residential Customers
Please complete the following tables.

Year-Round Urban Density Residential (UR) - Proposed 2019 Distribution Rates

A Data Inputs (from Sheet 10. Load Forecast)

Test Year Billing Determinants for Residential Class	
Customers	230,027
kWh	1,901,431,164

Proposed Residential Class Specific Revenue Requirement[1]	$ 91,871,684.01

Residential Base Rates on Current Tariff		
Monthly Fixed Charge ($)	$	24.83
Distribution Volumetric Rate ($/kWh)	$	0.0107

B Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	$ 24.83	230,027	$ 68,552,506.01	77.11%
Variable	$ 0.0107	1,901,431,164	$ 20,352,345.82	22.89%
TOTAL	-	-	$ 88,904,851.84	-

C Calculating Test Year Base Rates

Number of Remaining Rate Design Policy Transition Years[2]	3

	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	$ 70,840,162.72	$ 25.66	$ 70,829,855.40
Variable	$ 21,031,521.29	$ 0.0111	$ 21,105,885.92
TOTAL	$ 91,871,684.01	-	$ 91,935,741.31

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	84.74%	$ 77,850,669.81	$ 28.20	$ 77,841,072.57
Variable	15.26%	$ 14,021,014.19	$ 0.0074	$ 14,070,590.61
TOTAL	-	$ 91,871,684.01	-	$ 91,911,663.18

Checks[3]	
Change in Fixed Rate	$ 2.54
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	$39,979.18
	0.04%

Notes:

[1] The final residential class specific revenue requirement, excluding allocated Miscellaneous Revenues, as shown on Sheet 11. Cost Allocation, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).

[2] The distributor should enter the number of years remaining before the transition to fully fixed rates is completed. A distributor transitioning to fully fixed rates over a four year period and began the transition in 2016 would input the number "3" into cell D40. A distributor transitioning over a five-year period would input the number "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)

New Rate Design Policy For Residential Customers
Please complete the following tables.

Year-Round Urban Density Residential (UR) - Proposed 2020 Distribution Rates

A Data Inputs (from Sheet 10. Load Forecast)

Test Year Billing Determinants for Residential Class	
Customers	232,756
kWh	1,908,701,798

Proposed Residential Class Specific Revenue Requirement[1]	$ 95,493,721.57

Residential Base Rates on Current Tariff	
Monthly Fixed Charge ($)	$ 28.20
Distribution Volumetric Rate ($/kWh)	$ 0.0074

B Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	$ 28.20	232,756	$ 78,764,796.10	84.79%
Variable	$ 0.0074	1,908,701,798	$ 14,124,393.31	15.21%
TOTAL	-	-	$ 92,889,189.41	-

C Calculating Test Year Base Rates

Number of Remaining Rate Design Policy Transition Years[2]	2

	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	$ 80,973,292.55	$ 28.99	$ 80,971,327.62
Variable	$ 14,520,429.02	$ 0.0076	$ 14,506,133.67
TOTAL	$ 95,493,721.57	-	$ 95,477,461.29

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	92.40%	$ 88,233,507.06	$ 31.59	$ 88,233,330.10
Variable	7.60%	$ 7,260,214.51	$ 0.0038	$ 7,253,066.83
TOTAL	-	$ 95,493,721.57	-	$ 95,486,396.93

Checks[3]	
Change in Fixed Rate	$ 2.60
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	($7,324.64)
	-0.01%

Notes:

[1] The final residential class specific revenue requirement, excluding allocated Miscellaneous Revenues, as shown on Sheet 11. Cost Allocation, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).

[2] The distributor should enter the number of years remaining before the transition to fully fixed rates is completed. A distributor transitioning to fully fixed rates over a four year period and began the transition in 2016 would input the number "3" into cell D40. A distributor transitioning over a five-year period would input the number "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)

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

New Rate Design Policy For Residential Customers
Please complete the following tables.

Year-Round Urban Density Residential (UR) - Proposed 2021 Distribution Rates

A Data Inputs (from Sheet 10. Load Forecast)

Test Year Billing Determinants for Residential Class	
Customers	235,485
kWh	1,920,852,131

Proposed Residential Class Specific Revenue Requirement[1]	$ 99,263,362.34

Residential Base Rates on Current Tariff	
Monthly Fixed Charge ($)	$ 31.59
Distribution Volumetric Rate ($/kWh)	$ 0.0038

B Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	$ 31.59	235,485	$ 89,267,494.51	92.44%
Variable	$ 0.0038	1,920,852,131	$ 7,299,238.10	7.56%
TOTAL	-	-	$ 96,566,732.61	-

C Calculating Test Year Base Rates

Number of Remaining Rate Design Policy Transition Years[2]	1

	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	$ 91,760,292.74	$ 32.47	$ 91,754,211.67
Variable	$ 7,503,069.60	$ 0.0039	$ 7,491,323.31
TOTAL	$ 99,263,362.34	-	$ 99,245,534.98

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	100.00%	$ 99,263,362.34	$ 35.13	$ 99,270,879.46
Variable	0.00%	$ -	$ -	$ -
TOTAL	-	$ 99,263,362.34	-	$ 99,270,879.46

Checks[3]	
Change in Fixed Rate	$ 2.66
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	$7,517.12
	0.01%

Notes:

[1] The final residential class specific revenue requirement, excluding allocated Miscellaneous Revenues, as shown on Sheet 11. Cost Allocation, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).

[2] The distributor should enter the number of years remaining before the transition to fully fixed rates is completed. A distributor transitioning to fully fixed rates over a four year period and began the transition in 2016 would input the number "3" into cell D40. A distributor transitioning over a five-year period would input the number "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)

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

New Rate Design Policy For Residential Customers
Please complete the following tables.

Year-Round Medium Density Residential (R1) - Proposed 2019 Distribution Rates

A Data Inputs (from Sheet 10. Load Forecast)

Test Year Billing Determinants for Residential Class	
Customers	521,388
kWh	4,815,306,074

Proposed Residential Class Specific Revenue Requirement[1]	$ 342,741,351.99

Residential Base Rates on Current Tariff		
Monthly Fixed Charge ($)	$	32.34
Distribution Volumetric Rate ($/kWh)	$	0.0269

B Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	$ 32.34	521,388	$ 202,342,485.06	60.99%
Variable	$ 0.0269	4,815,306,074	$ 129,396,131.05	39.01%
TOTAL	-	-	$ 331,738,616.11	-

C Calculating Test Year Base Rates

Number of Remaining Rate Design Policy Transition Years[2]	6

	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	$ 209,053,554.59	$ 33.41	$ 209,034,810.58
Variable	$ 133,687,797.40	$ 0.0278	$ 133,865,508.86
TOTAL	$ 342,741,351.99	-	$ 342,900,319.44

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	67.50%	$ 231,334,854.16	$ 36.97	$ 231,308,498.87
Variable	32.50%	$ 111,406,497.83	$ 0.0231	$ 111,233,570.31
TOTAL	-	$ 342,741,351.99	-	$ 342,542,069.18

Checks[3]	
Change in Fixed Rate	$ 3.56
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	($199,282.80)
	-0.06%

Notes:

[1] The final residential class specific revenue requirement, excluding allocated Miscellaneous Revenues, as shown on Sheet 11. Cost Allocation, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).

[2] The distributor should enter the number of years remaining before the transition to fully fixed rates is completed. A distributor transitioning to fully fixed rates over a four year period and began the transition in 2016 would input the number "3" into cell D40. A distributor transitioning over a five-year period would input the number "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)

New Rate Design Policy For Residential Customers
Please complete the following tables.

Year-Round Medium Density Residential (R1) - Proposed 2020 Distribution Rates

A Data Inputs (from Sheet 10. Load Forecast)

Test Year Billing Determinants for Residential Class	
Customers	525,413
kWh	4,820,847,835

Proposed Residential Class Specific Revenue Requirement[1]	$ 353,980,268.84

Residential Base Rates on Current Tariff		
Monthly Fixed Charge ($)	$	36.97
Distribution Volumetric Rate ($/kWh)	$	0.0231

B Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	$ 36.97	525,413	$ 233,094,200.21	67.67%
Variable	$ 0.0231	4,820,847,835	$ 111,361,584.98	32.33%
TOTAL	-	-	$ 344,455,785.19	-

C Calculating Test Year Base Rates

Number of Remaining Rate Design Policy Transition Years[2]	5

	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	$ 239,539,445.13	$ 37.99	$ 239,525,254.70
Variable	$ 114,440,823.71	$ 0.0237	$ 114,254,093.68
TOTAL	$ 353,980,268.84	-	$ 353,779,348.37

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	74.14%	$ 262,427,609.87	$ 41.62	$ 262,412,242.71
Variable	25.86%	$ 91,552,658.97	$ 0.0190	$ 91,596,108.86
TOTAL	-	$ 353,980,268.84	-	$ 354,008,351.56

Checks[3]	
Change in Fixed Rate	$ 3.63
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	$28,082.73
	0.01%

Notes:

[1] The final residential class specific revenue requirement, excluding allocated Miscellaneous Revenues, as shown on Sheet 11. Cost Allocation, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).

[2] The distributor should enter the number of years remaining before the transition to fully fixed rates is completed. A distributor transitioning to fully fixed rates over a four year period and began the transition in 2016 would input the number "3" into cell D40. A distributor transitioning over a five-year period would input the number "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)

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

New Rate Design Policy For Residential Customers
Please complete the following tables.

Year-Round Medium Density Residential (R1) - Proposed 2021 Distribution Rates

A Data Inputs (from Sheet 10. Load Forecast)

Test Year Billing Determinants for Residential Class	
Customers	529,405
kWh	4,837,700,553

Proposed Residential Class Specific Revenue Requirement[1]	$ 366,108,324.14

Residential Base Rates on Current Tariff	
Monthly Fixed Charge ($)	$ 41.62
Distribution Volumetric Rate ($/kWh)	$ 0.0190

B Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	$ 41.62	529,405	$ 264,406,276.99	74.20%
Variable	$ 0.0190	4,837,700,553	$ 91,916,310.51	25.80%
TOTAL	-	-	$ 356,322,587.49	-

C Calculating Test Year Base Rates

Number of Remaining 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	$ 271,667,703.25	$ 42.76	$ 271,648,544.07
Variable	$ 94,440,620.89	$ 0.0195	$ 94,335,160.78
TOTAL	$ 366,108,324.14	-	$ 365,983,704.85

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	80.65%	$ 295,277,858.47	$ 46.48	$ 295,281,205.06
Variable	19.35%	$ 70,830,465.67	$ 0.0146	$ 70,630,428.07
TOTAL	-	$ 366,108,324.14	-	$ 365,911,633.13

Checks[3]	
Change in Fixed Rate	$ 3.72
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	($196,691.01)
	-0.05%

Notes:

[1] The final residential class specific revenue requirement, excluding allocated Miscellaneous Revenues, as shown on Sheet 11. Cost Allocation, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).

[2] The distributor should enter the number of years remaining before the transition to fully fixed rates is completed. A distributor transitioning to fully fixed rates over a four year period and began the transition in 2016 would input the number "3" into cell D40. A distributor transitioning over a five-year period would input the number "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)

New Rate Design Policy For Residential Customers
Please complete the following tables.

Year-Round Medium Density Residential (R1) - Proposed 2022 Distribution Rates

A Data Inputs (from Sheet 10. Load Forecast)

Test Year Billing Determinants for Residential Class	
Customers	533,307
kWh	4,866,556,546

Proposed Residential Class Specific Revenue Requirement[1]	$ 378,387,569.99

Residential Base Rates on Current Tariff	
Monthly Fixed Charge ($)	$ 46.48
Distribution Volumetric Rate ($/kWh)	$ 0.0146

B Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	$ 46.48	533,307	$ 297,457,362.55	80.72%
Variable	$ 0.0146	4,866,556,546	$ 71,051,725.58	19.28%
TOTAL	-	-	$ 368,509,088.12	-

C Calculating Test Year Base Rates

Number of Remaining Rate Design Policy Transition Years[2]	3

	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	$ 305,431,188.04	$ 47.73	$ 305,456,968.90
Variable	$ 72,956,381.95	$ 0.0150	$ 72,998,348.19
TOTAL	$ 378,387,569.99	-	$ 378,455,317.09

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	87.15%	$ 329,749,982.02	$ 51.53	$ 329,775,772.20
Variable	12.85%	$ 48,637,587.96	$ 0.0100	$ 48,665,565.46
TOTAL	-	$ 378,387,569.99	-	$ 378,441,337.67

Checks[3]	
Change in Fixed Rate	$ 3.80
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	$53,767.68
	0.01%

Notes:

[1] The final residential class specific revenue requirement, excluding allocated Miscellaneous Revenues, as shown on Sheet 11. Cost Allocation, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).

[2] The distributor should enter the number of years remaining before the transition to fully fixed rates is completed. A distributor transitioning to fully fixed rates over a four year period and began the transition in 2016 would input the number "3" into cell D40. A distributor transitioning over a five-year period would input the number "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)

New Rate Design Policy For Residential Customers
Please complete the following tables.

Year-Round Low Density Residential (R2) - Proposed 2019 Distribution Rates

A Data Inputs (from Sheet 10. Load Forecast)

Test Year Billing Determinants for Residential Class	
Customers	407,957
kWh	4,563,091,815

Proposed Residential Class Specific Revenue Requirement[1]	$ 599,713,639.68

Residential Base Rates on Current Tariff	
Monthly Fixed Charge ($)	$ 76.79
Distribution Volumetric Rate ($/kWh)	$ 0.0449

B Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	$ 76.79	407,957	$ 375,901,256.48	64.74%
Variable	$ 0.0449	4,563,091,815	$ 204,720,594.94	35.26%
TOTAL	-	-	$ 580,621,851.42	-

C Calculating Test Year Base Rates

Number of Remaining Rate Design Policy Transition Years[2]	6

	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	$ 388,261,499.51	$ 79.31	$ 388,261,091.08
Variable	$ 211,452,140.16	$ 0.0463	$ 211,271,151.03
TOTAL	$ 599,713,639.68	-	$ 599,532,242.11

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	70.62%	$ 423,503,522.88	$ 86.51	$ 423,508,599.03
Variable	29.38%	$ 176,210,116.80	$ 0.0386	$ 176,135,344.06
TOTAL	-	$ 599,713,639.68	-	$ 599,643,943.09

Checks[3]	
Change in Fixed Rate	$ 7.20
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	($69,696.59)
	-0.01%

Notes:

[1] The final residential class specific revenue requirement, excluding allocated Miscellaneous Revenues, as shown on Sheet 11. Cost Allocation, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).

[2] The distributor should enter the number of years remaining before the transition to fully fixed rates is completed. A distributor transitioning to fully fixed rates over a four year period and began the transition in 2016 would input the number "3" into cell D40. A distributor transitioning over a five-year period would input the number "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)

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

New Rate Design Policy For Residential Customers
Please complete the following tables.

Year-Round Low Density Residential (R2) - Proposed 2020 Distribution Rates

A Data Inputs (from Sheet 10. Load Forecast)

Test Year Billing Determinants for Residential Class	
Customers	409,788
kWh	4,516,434,531

Proposed Residential Class Specific Revenue Requirement[1]	$ 616,631,219.58

Residential Base Rates on Current Tariff	
Monthly Fixed Charge ($)	$ 86.51
Distribution Volumetric Rate ($/kWh)	$ 0.0386

B Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	$ 86.51	409,788	$ 425,409,117.37	70.93%
Variable	$ 0.0386	4,516,434,531	$ 174,334,372.89	29.07%
TOTAL	-	-	$ 599,743,490.26	-

C Calculating Test Year Base Rates

Number of Remaining Rate Design Policy Transition Years[2]	5

	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	$ 437,387,895.20	$ 88.95	$ 437,407,709.97
Variable	$ 179,243,324.38	$ 0.0397	$ 179,302,450.87
TOTAL	$ 616,631,219.58	-	$ 616,710,160.85

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	76.75%	$ 473,236,560.08	$ 96.24	$ 473,255,964.11
Variable	23.25%	$ 143,394,659.51	$ 0.0317	$ 143,170,974.63
TOTAL	-	$ 616,631,219.58	-	$ 616,426,938.74

Checks[3]	
Change in Fixed Rate	$ 7.29
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	($204,280.84)
	-0.03%

Notes:

[1] The final residential class specific revenue requirement, excluding allocated Miscellaneous Revenues, as shown on Sheet 11. Cost Allocation, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).

[2] The distributor should enter the number of years remaining before the transition to fully fixed rates is completed. A distributor transitioning to fully fixed rates over a four year period and began the transition in 2016 would input the number "3" into cell D40. A distributor transitioning over a five-year period would input the number "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)

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

New Rate Design Policy For Residential Customers
Please complete the following tables.

Year-Round Low Density Residential (R2) - Proposed 2021 Distribution Rates

A Data Inputs (from Sheet 10. Load Forecast)

Test Year Billing Determinants for Residential Class	
Customers	411,716
kWh	4,486,997,406

Proposed Residential Class Specific Revenue Requirement[1]	$ 634,836,056.55

Residential Base Rates on Current Tariff		
Monthly Fixed Charge ($)	$	96.24
Distribution Volumetric Rate ($/kWh)	$	0.0317

B Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	$ 96.24	411,716	$ 475,482,061.34	76.97%
Variable	$ 0.0317	4,486,997,406	$ 142,237,817.77	23.03%
TOTAL	-	-	$ 617,719,879.11	-

C Calculating Test Year Base Rates

Number of Remaining 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	$ 488,657,022.37	$ 98.91	$ 488,673,427.75
Variable	$ 146,179,034.19	$ 0.0326	$ 146,276,115.44
TOTAL	$ 634,836,056.55	-	$ 634,949,543.19

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	82.73%	$ 525,201,780.91	$ 106.30	$ 525,184,363.26
Variable	17.27%	$ 109,634,275.64	$ 0.0244	$ 109,482,736.71
TOTAL	-	$ 634,836,056.55	-	$ 634,667,099.97

Checks[3]	
Change in Fixed Rate	$ 7.39
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	($168,956.59)
	-0.03%

Notes:

[1] The final residential class specific revenue requirement, excluding allocated Miscellaneous Revenues, as shown on Sheet 11. Cost Allocation, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).

[2] The distributor should enter the number of years remaining before the transition to fully fixed rates is completed. A distributor transitioning to fully fixed rates over a four year period and began the transition in 2016 would input the number "3" into cell D40. A distributor transitioning over a five-year period would input the number "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)

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

New Rate Design Policy For Residential Customers
Please complete the following tables.

Year-Round Low Density Residential (R2) - Proposed 2022 Distribution Rates

A Data Inputs (from Sheet 10. Load Forecast)

Test Year Billing Determinants for Residential Class	
Customers	413,678
kWh	4,474,291,497

Proposed Residential Class Specific Revenue Requirement[1]	$ 653,585,325.06

Residential Base Rates on Current Tariff		
Monthly Fixed Charge ($)	$	106.30
Distribution Volumetric Rate ($/kWh)	$	0.0244

B Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	$ 106.30	413,678	$ 527,687,828.89	82.86%
Variable	$ 0.0244	4,474,291,497	$ 109,172,712.52	17.14%
TOTAL	-	-	$ 636,860,541.41	-

C Calculating Test Year Base Rates

Number of Remaining Rate Design Policy Transition Years[2]	3

	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	$ 541,545,595.54	$ 109.09	$ 541,537,772.84
Variable	$ 112,039,729.52	$ 0.0250	$ 111,857,287.42
TOTAL	$ 653,585,325.06	-	$ 653,395,060.26

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	88.57%	$ 578,892,172.05	$ 116.61	$ 578,868,087.74
Variable	11.43%	$ 74,693,153.01	$ 0.0167	$ 74,720,668.00
TOTAL	-	$ 653,585,325.06	-	$ 653,588,755.73

Checks[3]	
Change in Fixed Rate	$ 7.52
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	$3,430.67
	0.00%

Notes:

[1] The final residential class specific revenue requirement, excluding allocated Miscellaneous Revenues, as shown on Sheet 11. Cost Allocation, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).

[2] The distributor should enter the number of years remaining before the transition to fully fixed rates is completed. A distributor transitioning to fully fixed rates over a four year period and began the transition in 2016 would input the number "3" into cell D40. A distributor transitioning over a five-year period would input the number "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 F

2022 Bill Impact Sheets for Seasonal Status Quo Scenario

2022 Bill Impacts (Low Consumption Level) - UR

Rate Class	UR
Monthly Consumption (kWh)	350
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	370
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	350	0.119	41.65	350	0.119	41.65	0.00	0.00%	57.61%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**41.65**			**41.65**	**0.00**	**0.00%**	**57.61%**	
TOU-Off Peak	228	0.128	29.12	228	0.128	29.12	0.00	0.00%		38.83%
TOU-Mid Peak	60	0.128	7.62	60	0.128	7.62	0.00	0.00%		10.15%
TOU-On Peak	63	0.128	8.06	63	0.128	8.06	0.00	0.00%		10.75%
Sub-Total: Energy (RPP TOU)			**44.80**			**44.80**	0.00	0.00%	**61.97%**	**59.73%**
Service Charge	1	35.67	35.67	1	36.61	36.61	0.94	2.64%	50.64%	48.81%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	350	0.0000	0.00	350	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric Foregone Revenue Charge	350	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	350	0.0000	0.00	350	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				350	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**35.67**			**36.61**	**0.94**	**2.64%**	**50.64%**	**48.81%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.79%	0.76%
Line Losses on Cost of Power (based on two-tier RPP prices)	20	0.1190	2.37	20	0.1190	2.37	0.00	0.00%	3.28%	3.17%
Line Losses on Cost of Power (based on TOU prices)	20	0.1280	2.55	20	0.1280	2.55	0.00	0.00%	3.53%	3.40%
Sub-Total: Distribution (based on two-tier RPP prices)			**38.61**			**39.55**	**0.94**	**2.43%**	**54.71%**	**52.74%**
Sub-Total: Distribution (based on TOU prices)			**38.79**			**39.73**	**0.94**	**2.42%**	**54.96%**	**52.98%**
Retail Transmission Rate – Network Service Rate	370	0.0089	3.29	370	0.0089	3.29	0.00	0.00%	4.55%	4.39%
Retail Transmission Rate – Line and Transformation Connection Service Rate	370	0.0077	2.85	370	0.0077	2.85	0.00	0.00%	3.94%	3.80%
Sub-Total: Retail Transmission			**6.14**			**6.14**	**0.00**	**0.00%**	**8.49%**	**8.19%**
Sub-Total: Delivery (based on two-tier RPP prices)			**44.76**			**45.70**	**0.94**	**2.10%**	**63.20%**	**60.92%**
Sub-Total: Delivery (based on TOU prices)			**44.93**			**45.87**	**0.94**	**2.09%**	**63.45%**	**61.16%**
Wholesale Market Service Rate (WMS) - not including CBR	370	0.0030	1.11	370	0.0030	1.11	0.00	0.00%	1.54%	1.48%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	370	0.0004	0.15	370	0.0004	0.15	0.00	0.00%	0.20%	0.20%
Rural Rate Protection Charge	370	0.0005	0.18	370	0.0005	0.18	0.00	0.00%	0.26%	0.25%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.35%	0.33%
Sub-Total: Regulatory			**1.69**			**1.69**	**0.00**	**0.00%**	**2.34%**	**2.26%**
Total Electricty Charge on Two-Tier RPP			**88.10**			**89.04**	**0.94**	**1.07%**	**123.15%**	
HST		0.13	11.45		0.13	11.57	0.12	1.07%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**99.55**			**100.61**	**1.06**	**1.07%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-28.02		-0.318	-28.31	-0.30	-1.07%	-39.16%	
Total Amount on Two-Tier RPP			**71.54**			**72.30**	**0.76**	**1.07%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**91.43**			**92.37**	**0.94**	**1.03%**		**123.15%**
HST		0.13	11.89		0.13	12.01	0.12	1.03%		16.01%
Total Electricity Charge on TOU (including HST)			**103.31**			**104.38**	**1.06**	**1.03%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-29.07		-0.318	-29.37	-0.30	-1.03%		-39.16%
Total Amount on TOU			**74.24**			**75.00**	**0.76**	**1.03%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (Typical Consumption Level) - UR

Rate Class	UR
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	793
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	750	0.119	89.25	750	0.119	89.25	0.00	0.00%	74.26%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**89.25**			**89.25**	**0.00**	**0.00%**	**74.26%**	
TOU-Off Peak	488	0.128	62.40	488	0.128	62.40	0.00	0.00%		49.53%
TOU-Mid Peak	128	0.128	16.32	128	0.128	16.32	0.00	0.00%		12.95%
TOU-On Peak	135	0.128	17.28	135	0.128	17.28	0.00	0.00%		13.72%
Sub-Total: Energy (RPP TOU)			**96.00**			**96.00**	0.00	0.00%	**79.87%**	**76.20%**
Service Charge	1	35.67	35.67	1	36.61	36.61	0.94	2.64%	30.46%	29.06%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	750	0.0000	0.00	750	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric Foregone Revenue Charge	750	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	750	0.0000	0.00	750	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				750	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**35.67**			**36.61**	**0.94**	**2.64%**	**30.46%**	**29.06%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.47%	0.45%
Line Losses on Cost of Power (based on two-tier RPP prices)	43	0.1190	5.09	43	0.1190	5.09	0.00	0.00%	4.23%	4.04%
Line Losses on Cost of Power (based on TOU prices)	43	0.1280	5.47	43	0.1280	5.47	0.00	0.00%	4.55%	4.34%
Sub-Total: Distribution (based on two-tier RPP prices)			**41.33**			**42.27**	**0.94**	**2.27%**	**35.17%**	**33.55%**
Sub-Total: Distribution (based on TOU prices)			**41.71**			**42.65**	**0.94**	**2.25%**	**35.49%**	**33.85%**
Retail Transmission Rate – Network Service Rate	793	0.0089	7.06	793	0.0089	7.06	0.00	0.00%	5.87%	5.60%
Retail Transmission Rate – Line and Transformation Connection Service Rate	793	0.0077	6.10	793	0.0077	6.10	0.00	0.00%	5.08%	4.85%
Sub-Total: Retail Transmission			**13.16**			**13.16**	**0.00**	**0.00%**	**10.95%**	**10.45%**
Sub-Total: Delivery (based on two-tier RPP prices)			**54.49**			**55.43**	**0.94**	**1.73%**	**46.12%**	**44.00%**
Sub-Total: Delivery (based on TOU prices)			**54.87**			**55.81**	**0.94**	**1.71%**	**46.44%**	**44.30%**
Wholesale Market Service Rate (WMS) - not including CBR	793	0.0030	2.38	793	0.0030	2.38	0.00	0.00%	1.98%	1.89%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	793	0.0004	0.32	793	0.0004	0.32	0.00	0.00%	0.26%	0.25%
Rural Rate Protection Charge	793	0.0005	0.40	793	0.0005	0.40	0.00	0.00%	0.33%	0.31%
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			**3.34**			**3.34**	**0.00**	**0.00%**	**2.78%**	**2.65%**
Total Electricty Charge on Two-Tier RPP			**147.08**			**148.02**	**0.94**	**0.64%**	**123.15%**	
HST		0.13	19.12		0.13	19.24	0.12	0.64%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**166.20**			**167.26**	**1.06**	**0.64%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-46.77		-0.318	-47.07	-0.30	-0.64%	-39.16%	
Total Amount on Two-Tier RPP			**119.43**			**120.19**	**0.76**	**0.64%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**154.21**			**155.15**	**0.94**	**0.61%**		**123.15%**
HST		0.13	20.05		0.13	20.17	0.12	0.61%		16.01%
Total Electricity Charge on TOU (including HST)			**174.26**			**175.32**	**1.06**	**0.61%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-49.04		-0.318	-49.34	-0.30	-0.61%		-39.16%
Total Amount on TOU			**125.22**			**125.98**	**0.76**	**0.61%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (High Consumption Level) - UR

Rate Class	UR
Monthly Consumption (kWh)	1400
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	1480
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	57.82%	
Energy Second Tier	400	0.139	55.60	400	0.139	55.60	0.00	0.00%	27.02%	
Sub-Total: Energy (RPP Tiered)			**174.60**			**174.60**	**0.00**	**0.00%**	**84.84%**	
TOU-Off Peak	910	0.128	116.48	910	0.128	116.48	0.00	0.00%		55.78%
TOU-Mid Peak	238	0.128	30.46	238	0.128	30.46	0.00	0.00%		14.59%
TOU-On Peak	252	0.128	32.26	252	0.128	32.26	0.00	0.00%		15.45%
Sub-Total: Energy (RPP TOU)			**179.20**			**179.20**	0.00	0.00%	**87.07%**	**85.81%**
Service Charge	1	35.67	35.67	1	36.61	36.61	0.94	2.64%	17.79%	17.53%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	1,400	0.0000	0.00	1,400	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric Foregone Revenue Charge	1,400	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	1,400	0.0000	0.00	1,400	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				1,400	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**35.67**			**36.61**	**0.94**	**2.64%**	**17.79%**	**17.53%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.28%	0.27%
Line Losses on Cost of Power (based on two-tier RPP prices)	80	0.1390	11.09	80	0.1390	11.09	0.00	0.00%	5.39%	5.31%
Line Losses on Cost of Power (based on TOU prices)	80	0.1280	10.21	80	0.1280	10.21	0.00	0.00%	4.96%	4.89%
Sub-Total: Distribution (based on two-tier RPP prices)			**47.33**			**48.27**	**0.94**	**1.99%**	**23.45%**	**23.12%**
Sub-Total: Distribution (based on TOU prices)			**46.45**			**47.39**	**0.94**	**2.02%**	**23.03%**	**22.70%**
Retail Transmission Rate – Network Service Rate	1,480	0.0089	13.17	1,480	0.0089	13.17	0.00	0.00%	6.40%	6.31%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,480	0.0077	11.39	1,480	0.0077	11.39	0.00	0.00%	5.54%	5.46%
Sub-Total: Retail Transmission			**24.56**			**24.56**	**0.00**	**0.00%**	**11.94%**	**11.76%**
Sub-Total: Delivery (based on two-tier RPP prices)			**71.90**			**72.84**	**0.94**	**1.31%**	**35.39%**	**34.88%**
Sub-Total: Delivery (based on TOU prices)			**71.02**			**71.96**	**0.94**	**1.32%**	**34.96%**	**34.46%**
Wholesale Market Service Rate (WMS) - not including CBR	1,480	0.0030	4.44	1,480	0.0030	4.44	0.00	0.00%	2.16%	2.13%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	1,480	0.0004	0.59	1,480	0.0004	0.59	0.00	0.00%	0.29%	0.28%
Rural Rate Protection Charge	1,480	0.0005	0.74	1,480	0.0005	0.74	0.00	0.00%	0.36%	0.35%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.12%	0.12%
Sub-Total: Regulatory			**6.02**			**6.02**	**0.00**	**0.00%**	**2.93%**	**2.88%**
Total Electricty Charge on Two-Tier RPP			**252.52**			**253.46**	**0.94**	**0.37%**	**123.15%**	
HST		0.13	32.83		0.13	32.95	0.12	0.37%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**285.35**			**286.41**	**1.06**	**0.37%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-80.30		-0.318	-80.60	-0.30	-0.37%	-39.16%	
Total Amount on Two-Tier RPP			**205.04**			**205.81**	**0.76**	**0.37%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**256.24**			**257.18**	**0.94**	**0.37%**		**123.15%**
HST		0.13	33.31		0.13	33.43	0.12	0.37%		16.01%
Total Electricity Charge on TOU (including HST)			**289.55**			**290.61**	**1.06**	**0.37%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-81.48		-0.318	-81.78	-0.30	-0.37%		-39.16%
Total Amount on TOU			**208.07**			**208.83**	**0.76**	**0.37%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (Low Consumption Level) - R1 (with DRP)

Rate Class	R1
Monthly Consumption (kWh)	400
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	430
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	400	0.119	47.60	400	0.119	47.60	0.00	0.00%	60.28%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**47.60**			**47.60**	**0.00**	**0.00%**	**60.28%**	
TOU-Off Peak	260	0.128	33.28	260	0.128	33.28	0.00	0.00%		40.53%
TOU-Mid Peak	68	0.128	8.70	68	0.128	8.70	0.00	0.00%		10.60%
TOU-On Peak	72	0.128	9.22	72	0.128	9.22	0.00	0.00%		11.22%
Sub-Total: Energy (RPP TOU)			**51.20**			**51.20**	0.00	0.00%	**64.84%**	**62.36%**
Service Charge	1	48.70	48.70	1	53.98	53.98	5.28	10.84%	68.36%	65.74%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	400	0.0140	5.60	400	0.0096	3.84	-1.76	-31.43%	4.86%	4.68%
Volumetric Foregone Revenue Charge	400	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	400	0.0000	0.00	400	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				400	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			-17.44			-20.96	-3.52	-20.18%	-26.54%	-25.53%
Sub-Total: Distribution (excluding pass through)			**36.86**			**36.86**	**0.00**	**0.00%**	**46.68%**	**44.89%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.72%	0.69%
Line Losses on Cost of Power (based on two-tier RPP prices)	30	0.1190	3.62	30	0.1190	3.62	0.00	0.00%	4.58%	4.41%
Line Losses on Cost of Power (based on TOU prices)	30	0.1280	3.89	30	0.1280	3.89	0.00	0.00%	4.93%	4.74%
Sub-Total: Distribution (based on two-tier RPP prices)			**41.05**			**41.05**	**0.00**	**0.00%**	**51.98%**	**49.99%**
Sub-Total: Distribution (based on TOU prices)			**41.32**			**41.32**	**0.00**	**0.00%**	**52.33%**	**50.32%**
Retail Transmission Rate – Network Service Rate	430	0.0082	3.53	430	0.0082	3.53	0.00	0.00%	4.47%	4.30%
Retail Transmission Rate – Line and Transformation Connection Service Rate	430	0.0073	3.14	430	0.0073	3.14	0.00	0.00%	3.98%	3.83%
Sub-Total: Retail Transmission			**6.67**			**6.67**	**0.00**	**0.00%**	**8.45%**	**8.12%**
Sub-Total: Delivery (based on two-tier RPP prices)			**47.72**			**47.72**	**0.00**	**0.00%**	**60.43%**	**58.12%**
Sub-Total: Delivery (based on TOU prices)			**47.99**			**47.99**	**0.00**	**0.00%**	**60.78%**	**58.45%**
Wholesale Market Service Rate (WMS) - not including CBR	430	0.0030	1.29	430	0.0030	1.29	0.00	0.00%	1.64%	1.57%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	430	0.0004	0.17	430	0.0004	0.17	0.00	0.00%	0.22%	0.21%
Rural Rate Protection Charge	430	0.0005	0.22	430	0.0005	0.22	0.00	0.00%	0.27%	0.26%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.32%	0.30%
Sub-Total: Regulatory			**1.93**			**1.93**	**0.00**	**0.00%**	**2.44%**	**2.35%**
Total Electricty Charge on Two-Tier RPP			**97.25**			**97.25**	**0.00**	**0.00%**	**123.15%**	
HST		0.13	12.64		0.13	12.64	0.00	0.00%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**109.89**			**109.89**	**0.00**	**0.00%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-30.92		-0.318	-30.92	0.00	0.00%	-39.16%	
Total Amount on Two-Tier RPP			**78.96**			**78.96**	**0.00**	**0.00%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**101.12**			**101.12**	**0.00**	**0.00%**		**123.15%**
HST		0.13	13.15		0.13	13.15	0.00	0.00%		16.01%
Total Electricity Charge on TOU (including HST)			**114.27**			**114.27**	**0.00**	**0.00%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-32.16		-0.318	-32.16	0.00	0.00%		-39.16%
Total Amount on TOU			**82.11**			**82.11**	**0.00**	**0.00%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (Low Consumption Level) - R1 (without DRP)

Rate Class	R1
Monthly Consumption (kWh)	400
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	430
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	400	0.119	47.60	400	0.119	47.60	0.00	0.00%	49.59%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**47.60**			**47.60**	**0.00**	**0.00%**	**49.59%**	
TOU-Off Peak	260	0.128	33.28	260	0.128	33.28	0.00	0.00%		33.57%
TOU-Mid Peak	68	0.128	8.70	68	0.128	8.70	0.00	0.00%		8.78%
TOU-On Peak	72	0.128	9.22	72	0.128	9.22	0.00	0.00%		9.30%
Sub-Total: Energy (RPP TOU)			**51.20**			**51.20**	0.00	0.00%	**53.34%**	**51.65%**
Service Charge	1	48.70	48.70	1	53.98	53.98	5.28	10.84%	56.24%	54.45%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	400	0.0140	5.60	400	0.0096	3.84	-1.76	-31.43%	4.00%	3.87%
Volumetric Foregone Revenue Charge	400	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	400	0.0000	0.00	400	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				400	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**54.30**			**57.82**	**3.52**	**6.48%**	**60.24%**	**58.33%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.59%	0.58%
Line Losses on Cost of Power (based on two-tier RPP prices)	30	0.1190	3.62	30	0.1190	3.62	0.00	0.00%	3.77%	3.65%
Line Losses on Cost of Power (based on TOU prices)	30	0.1280	3.89	30	0.1280	3.89	0.00	0.00%	4.05%	3.93%
Sub-Total: Distribution (based on two-tier RPP prices)			**58.49**			**62.01**	**3.52**	**6.02%**	**64.60%**	**62.55%**
Sub-Total: Distribution (based on TOU prices)			**58.76**			**62.28**	**3.52**	**5.99%**	**64.89%**	**62.83%**
Retail Transmission Rate – Network Service Rate	430	0.0082	3.53	430	0.0082	3.53	0.00	0.00%	3.68%	3.56%
Retail Transmission Rate – Line and Transformation Connection Service Rate	430	0.0073	3.14	430	0.0073	3.14	0.00	0.00%	3.27%	3.17%
Sub-Total: Retail Transmission			**6.67**			**6.67**	**0.00**	**0.00%**	**6.95%**	**6.73%**
Sub-Total: Delivery (based on two-tier RPP prices)			**65.16**			**68.68**	**3.52**	**5.40%**	**71.55%**	**69.28%**
Sub-Total: Delivery (based on TOU prices)			**65.43**			**68.95**	**3.52**	**5.38%**	**71.84%**	**69.56%**
Wholesale Market Service Rate (WMS) - not including CBR	430	0.0030	1.29	430	0.0030	1.29	0.00	0.00%	1.35%	1.30%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	430	0.0004	0.17	430	0.0004	0.17	0.00	0.00%	0.18%	0.17%
Rural Rate Protection Charge	430	0.0005	0.22	430	0.0005	0.22	0.00	0.00%	0.22%	0.22%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.26%	0.25%
Sub-Total: Regulatory			**1.93**			**1.93**	**0.00**	**0.00%**	**2.01%**	**1.95%**
Total Electricty Charge on Two-Tier RPP			**114.69**			**118.21**	**3.52**	**3.07%**	**123.15%**	
HST		0.13	14.91		0.13	15.37	0.46	3.07%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**129.60**			**133.57**	**3.98**	**3.07%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-36.47		-0.318	-37.59	-1.12	-3.07%	-39.16%	
Total Amount on Two-Tier RPP			**93.13**			**95.98**	**2.86**	**3.07%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**118.56**			**122.08**	**3.52**	**2.97%**		**123.15%**
HST		0.13	15.41		0.13	15.87	0.46	2.97%		16.01%
Total Electricity Charge on TOU (including HST)			**133.97**			**137.95**	**3.98**	**2.97%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-37.70		-0.318	-38.82	-1.12	-2.97%		-39.16%
Total Amount on TOU			**96.27**			**99.13**	**2.86**	**2.97%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (Typical Consumption Level) - R1 (with DRP)

Rate Class	R1
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	807
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	750	0.119	89.25	750	0.119	89.25	0.00	0.00%	73.59%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**89.25**			**89.25**	**0.00**	**0.00%**	**73.59%**	
TOU-Off Peak	488	0.128	62.40	488	0.128	62.40	0.00	0.00%		49.06%
TOU-Mid Peak	128	0.128	16.32	128	0.128	16.32	0.00	0.00%		12.83%
TOU-On Peak	135	0.128	17.28	135	0.128	17.28	0.00	0.00%		13.59%
Sub-Total: Energy (RPP TOU)			**96.00**			**96.00**	0.00	0.00%	**79.15%**	**75.48%**
Service Charge	1	48.70	48.70	1	53.98	53.98	5.28	10.84%	44.51%	42.44%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	750	0.0140	10.50	750	0.0096	7.20	-3.30	-31.43%	5.94%	5.66%
Volumetric Foregone Revenue Charge	750	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	750	0.0000	0.00	750	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				750	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			-22.34			-24.32	-1.98	-8.86%	-20.05%	-19.12%
Sub-Total: Distribution (excluding pass through)			**36.86**			**36.86**	**0.00**	**0.00%**	**30.39%**	**28.98%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.47%	0.45%
Line Losses on Cost of Power (based on two-tier RPP prices)	57	0.1190	6.78	57	0.1190	6.78	0.00	0.00%	5.59%	5.33%
Line Losses on Cost of Power (based on TOU prices)	57	0.1280	7.30	57	0.1280	7.30	0.00	0.00%	6.02%	5.74%
Sub-Total: Distribution (based on two-tier RPP prices)			**44.21**			**44.21**	**0.00**	**0.00%**	**36.45%**	**34.76%**
Sub-Total: Distribution (based on TOU prices)			**44.73**			**44.73**	**0.00**	**0.00%**	**36.88%**	**35.17%**
Retail Transmission Rate – Network Service Rate	807	0.0082	6.62	807	0.0082	6.62	0.00	0.00%	5.46%	5.20%
Retail Transmission Rate – Line and Transformation Connection Service Rate	807	0.0073	5.89	807	0.0073	5.89	0.00	0.00%	4.86%	4.63%
Sub-Total: Retail Transmission			**12.51**			**12.51**	**0.00**	**0.00%**	**10.31%**	**9.83%**
Sub-Total: Delivery (based on two-tier RPP prices)			**56.72**			**56.72**	**0.00**	**0.00%**	**46.77%**	**44.60%**
Sub-Total: Delivery (based on TOU prices)			**57.23**			**57.23**	**0.00**	**0.00%**	**47.19%**	**45.00%**
Wholesale Market Service Rate (WMS) - not including CBR	807	0.0030	2.42	807	0.0030	2.42	0.00	0.00%	2.00%	1.90%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	807	0.0004	0.32	807	0.0004	0.32	0.00	0.00%	0.27%	0.25%
Rural Rate Protection Charge	807	0.0005	0.40	807	0.0005	0.40	0.00	0.00%	0.33%	0.32%
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			**3.40**			**3.40**	**0.00**	**0.00%**	**2.80%**	**2.67%**
Total Electricty Charge on Two-Tier RPP			**149.37**			**149.37**	**0.00**	**0.00%**	**123.15%**	
HST		0.13	19.42		0.13	19.42	0.00	0.00%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**168.79**			**168.79**	**0.00**	**0.00%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-47.50		-0.318	-47.50	0.00	0.00%	-39.16%	
Total Amount on Two-Tier RPP			**121.29**			**121.29**	**0.00**	**0.00%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**156.63**			**156.63**	**0.00**	**0.00%**		**123.15%**
HST		0.13	20.36		0.13	20.36	0.00	0.00%		16.01%
Total Electricity Charge on TOU (including HST)			**176.99**			**176.99**	**0.00**	**0.00%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-49.81		-0.318	-49.81	0.00	0.00%		-39.16%
Total Amount on TOU			**127.19**			**127.19**	**0.00**	**0.00%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (Typical Consumption Level) - R1 (without DRP)

Rate Class	R1
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	807
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	750	0.119	89.25	750	0.119	89.25	0.00	0.00%	63.28%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**89.25**			**89.25**	**0.00**	**0.00%**	**63.28%**	
TOU-Off Peak	488	0.128	62.40	488	0.128	62.40	0.00	0.00%		42.47%
TOU-Mid Peak	128	0.128	16.32	128	0.128	16.32	0.00	0.00%		11.11%
TOU-On Peak	135	0.128	17.28	135	0.128	17.28	0.00	0.00%		11.76%
Sub-Total: Energy (RPP TOU)			**96.00**			**96.00**	0.00	0.00%	**68.07%**	**65.34%**
Service Charge	1	48.70	48.70	1	53.98	53.98	5.28	10.84%	38.27%	36.74%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	750	0.0140	10.50	750	0.0096	7.20	-3.30	-31.43%	5.11%	4.90%
Volumetric Foregone Revenue Charge	750	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	750	0.0000	0.00	750	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				750	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**59.20**			**61.18**	**1.98**	**3.34%**	**43.38%**	**41.64%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.40%	0.39%
Line Losses on Cost of Power (based on two-tier RPP prices)	57	0.1190	6.78	57	0.1190	6.78	0.00	0.00%	4.81%	4.62%
Line Losses on Cost of Power (based on TOU prices)	57	0.1280	7.30	57	0.1280	7.30	0.00	0.00%	5.17%	4.97%
Sub-Total: Distribution (based on two-tier RPP prices)			**66.55**			**68.53**	**1.98**	**2.98%**	**48.59%**	**46.64%**
Sub-Total: Distribution (based on TOU prices)			**67.07**			**69.05**	**1.98**	**2.95%**	**48.96%**	**46.99%**
Retail Transmission Rate – Network Service Rate	807	0.0082	6.62	807	0.0082	6.62	0.00	0.00%	4.69%	4.50%
Retail Transmission Rate – Line and Transformation Connection Service Rate	807	0.0073	5.89	807	0.0073	5.89	0.00	0.00%	4.18%	4.01%
Sub-Total: Retail Transmission			**12.51**			**12.51**	**0.00**	**0.00%**	**8.87%**	**8.51%**
Sub-Total: Delivery (based on two-tier RPP prices)			**79.06**			**81.04**	**1.98**	**2.50%**	**57.46%**	**55.16%**
Sub-Total: Delivery (based on TOU prices)			**79.57**			**81.55**	**1.98**	**2.49%**	**57.83%**	**55.50%**
Wholesale Market Service Rate (WMS) - not including CBR	807	0.0030	2.42	807	0.0030	2.42	0.00	0.00%	1.72%	1.65%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	807	0.0004	0.32	807	0.0004	0.32	0.00	0.00%	0.23%	0.22%
Rural Rate Protection Charge	807	0.0005	0.40	807	0.0005	0.40	0.00	0.00%	0.29%	0.27%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.18%	0.17%
Sub-Total: Regulatory			**3.40**			**3.40**	**0.00**	**0.00%**	**2.41%**	**2.31%**
Total Electricty Charge on Two-Tier RPP			**171.71**			**173.69**	**1.98**	**1.15%**	**123.15%**	
HST		0.13	22.32		0.13	22.58	0.26	1.15%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**194.03**			**196.27**	**2.24**	**1.15%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-54.60		-0.318	-55.23	-0.63	-1.15%	-39.16%	
Total Amount on Two-Tier RPP			**139.43**			**141.04**	**1.61**	**1.15%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**178.97**			**180.95**	**1.98**	**1.11%**		**123.15%**
HST		0.13	23.27		0.13	23.52	0.26	1.11%		16.01%
Total Electricity Charge on TOU (including HST)			**202.24**			**204.48**	**2.24**	**1.11%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-56.91		-0.318	-57.54	-0.63	-1.11%		-39.16%
Total Amount on TOU			**145.33**			**146.93**	**1.61**	**1.11%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (High Consumption Level) - R1 (with DRP)

Rate Class	R1
Monthly Consumption (kWh)	1800
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	1937
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	45.17%	
Energy Second Tier	800	0.139	111.20	800	0.139	111.20	0.00	0.00%	42.21%	
Sub-Total: Energy (RPP Tiered)			**230.20**			**230.20**	**0.00**	**0.00%**	**87.37%**	
TOU-Off Peak	1,170	0.128	149.76	1,170	0.128	149.76	0.00	0.00%		57.07%
TOU-Mid Peak	306	0.128	39.17	306	0.128	39.17	0.00	0.00%		14.93%
TOU-On Peak	324	0.128	41.47	324	0.128	41.47	0.00	0.00%		15.80%
Sub-Total: Energy (RPP TOU)			**230.40**			**230.40**	0.00	0.00%	**87.45%**	**87.80%**
Service Charge	1	48.70	48.70	1	53.98	53.98	5.28	10.84%	20.49%	20.57%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	1,800	0.0140	25.20	1,800	0.0096	17.28	-7.92	-31.43%	6.56%	6.59%
Volumetric Foregone Revenue Charge	1,800	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	1,800	0.0000	0.00	1,800	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				1,800	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			-37.04			-34.40	2.64	7.13%	-13.06%	-13.11%
Sub-Total: Distribution (excluding pass through)			**36.86**			**36.86**	**0.00**	**0.00%**	**13.99%**	**14.05%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.22%	0.22%
Line Losses on Cost of Power (based on two-tier RPP prices)	137	0.1390	19.02	137	0.1390	19.02	0.00	0.00%	7.22%	7.25%
Line Losses on Cost of Power (based on TOU prices)	137	0.1280	17.51	137	0.1280	17.51	0.00	0.00%	6.65%	6.67%
Sub-Total: Distribution (based on two-tier RPP prices)			**56.45**			**56.45**	**0.00**	**0.00%**	**21.42%**	**21.51%**
Sub-Total: Distribution (based on TOU prices)			**54.94**			**54.94**	**0.00**	**0.00%**	**20.85%**	**20.94%**
Retail Transmission Rate – Network Service Rate	1,937	0.0082	15.88	1,937	0.0082	15.88	0.00	0.00%	6.03%	6.05%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,937	0.0073	14.14	1,937	0.0073	14.14	0.00	0.00%	5.37%	5.39%
Sub-Total: Retail Transmission			**30.02**			**30.02**	**0.00**	**0.00%**	**11.39%**	**11.44%**
Sub-Total: Delivery (based on two-tier RPP prices)			**86.47**			**86.47**	**0.00**	**0.00%**	**32.82%**	**32.95%**
Sub-Total: Delivery (based on TOU prices)			**84.96**			**84.96**	**0.00**	**0.00%**	**32.25%**	**32.38%**
Wholesale Market Service Rate (WMS) - not including CBR	1,937	0.0030	5.81	1,937	0.0030	5.81	0.00	0.00%	2.21%	2.21%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	1,937	0.0004	0.77	1,937	0.0004	0.77	0.00	0.00%	0.29%	0.30%
Rural Rate Protection Charge	1,937	0.0005	0.97	1,937	0.0005	0.97	0.00	0.00%	0.37%	0.37%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.09%	0.10%
Sub-Total: Regulatory			**7.80**			**7.80**	**0.00**	**0.00%**	**2.96%**	**2.97%**
Total Electricty Charge on Two-Tier RPP			**324.47**			**324.47**	**0.00**	**0.00%**	**123.15%**	
HST		0.13	42.18		0.13	42.18	0.00	0.00%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**366.65**			**366.65**	**0.00**	**0.00%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-103.18		-0.318	-103.18	0.00	0.00%	-39.16%	
Total Amount on Two-Tier RPP			**263.47**			**263.47**	**0.00**	**0.00%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**323.16**			**323.16**	**0.00**	**0.00%**		**123.15%**
HST		0.13	42.01		0.13	42.01	0.00	0.00%		16.01%
Total Electricity Charge on TOU (including HST)			**365.18**			**365.18**	**0.00**	**0.00%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-102.77		-0.318	-102.77	0.00	0.00%		-39.16%
Total Amount on TOU			**262.41**			**262.41**	**0.00**	**0.00%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (High Consumption Level) - R1 (without DRP)

Rate Class	R1
Monthly Consumption (kWh)	1800
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	1937
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	40.84%	
Energy Second Tier	800	0.139	111.20	800	0.139	111.20	0.00	0.00%	38.16%	
Sub-Total: Energy (RPP Tiered)			**230.20**			**230.20**	**0.00**	**0.00%**	**79.00%**	
TOU-Off Peak	1,170	0.128	149.76	1,170	0.128	149.76	0.00	0.00%		51.58%
TOU-Mid Peak	306	0.128	39.17	306	0.128	39.17	0.00	0.00%		13.49%
TOU-On Peak	324	0.128	41.47	324	0.128	41.47	0.00	0.00%		14.28%
Sub-Total: Energy (RPP TOU)			**230.40**			**230.40**	0.00	0.00%	**79.07%**	**79.35%**
Service Charge	1	48.70	48.70	1	53.98	53.98	5.28	10.84%	18.52%	18.59%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	1,800	0.0140	25.20	1,800	0.0096	17.28	-7.92	-31.43%	5.93%	5.95%
Volumetric Foregone Revenue Charge	1,800	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	1,800	0.0000	0.00	1,800	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				1,800	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**73.90**			**71.26**	**-2.64**	**-3.57%**	**24.45%**	**24.54%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.20%	0.20%
Line Losses on Cost of Power (based on two-tier RPP prices)	137	0.1390	19.02	137	0.1390	19.02	0.00	0.00%	6.53%	6.55%
Line Losses on Cost of Power (based on TOU prices)	137	0.1280	17.51	137	0.1280	17.51	0.00	0.00%	6.01%	6.03%
Sub-Total: Distribution (based on two-tier RPP prices)			**93.49**			**90.85**	**-2.64**	**-2.82%**	**31.18%**	**31.29%**
Sub-Total: Distribution (based on TOU prices)			**91.98**			**89.34**	**-2.64**	**-2.87%**	**30.66%**	**30.77%**
Retail Transmission Rate – Network Service Rate	1,937	0.0082	15.88	1,937	0.0082	15.88	0.00	0.00%	5.45%	5.47%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,937	0.0073	14.14	1,937	0.0073	14.14	0.00	0.00%	4.85%	4.87%
Sub-Total: Retail Transmission			**30.02**			**30.02**	**0.00**	**0.00%**	**10.30%**	**10.34%**
Sub-Total: Delivery (based on two-tier RPP prices)			**123.51**			**120.87**	**-2.64**	**-2.14%**	**41.48%**	**41.63%**
Sub-Total: Delivery (based on TOU prices)			**122.00**			**119.36**	**-2.64**	**-2.16%**	**40.96%**	**41.11%**
Wholesale Market Service Rate (WMS) - not including CBR	1,937	0.0030	5.81	1,937	0.0030	5.81	0.00	0.00%	1.99%	2.00%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	1,937	0.0004	0.77	1,937	0.0004	0.77	0.00	0.00%	0.27%	0.27%
Rural Rate Protection Charge	1,937	0.0005	0.97	1,937	0.0005	0.97	0.00	0.00%	0.33%	0.33%
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			**7.80**			**7.80**	**0.00**	**0.00%**	**2.68%**	**2.69%**
Total Electricty Charge on Two-Tier RPP			**361.51**			**358.87**	**-2.64**	**-0.73%**	**123.15%**	
HST		0.13	47.00		0.13	46.65	-0.34	-0.73%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**408.51**			**405.52**	**-2.98**	**-0.73%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-114.96		-0.318	-114.12	0.84	0.73%	-39.16%	
Total Amount on Two-Tier RPP			**293.55**			**291.40**	**-2.14**	**-0.73%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**360.20**			**357.56**	**-2.64**	**-0.73%**		**123.15%**
HST		0.13	46.83		0.13	46.48	-0.34	-0.73%		16.01%
Total Electricity Charge on TOU (including HST)			**407.03**			**404.05**	**-2.98**	**-0.73%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-114.54		-0.318	-113.71	0.84	0.73%		-39.16%
Total Amount on TOU			**292.49**			**290.34**	**-2.14**	**-0.73%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (Low Consumption Level) - R2 (with DRP)

Rate Class	R2
Monthly Consumption (kWh)	450
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	497
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	450	0.119	53.55	450	0.119	53.55	0.00	0.00%	62.21%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**53.55**			**53.55**	**0.00**	**0.00%**	**62.21%**	
TOU-Off Peak	293	0.128	37.44	293	0.128	37.44	0.00	0.00%		41.74%
TOU-Mid Peak	77	0.128	9.79	77	0.128	9.79	0.00	0.00%		10.92%
TOU-On Peak	81	0.128	10.37	81	0.128	10.37	0.00	0.00%		11.56%
Sub-Total: Energy (RPP TOU)			**57.60**			**57.60**	0.00	0.00%	**66.92%**	**64.21%**
Service Charge	1	52.35	52.35	1	63.27	63.27	10.92	20.86%	73.51%	70.53%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	450	0.0226	10.17	450	0.0155	6.98	-3.20	-31.42%	8.10%	7.78%
Volumetric Foregone Revenue Charge	450	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	450	0.0000	0.00	450	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				450	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			-25.66			-33.39	-7.72	-30.11%	-38.79%	-37.22%
Sub-Total: Distribution (excluding pass through)			**36.86**			**36.86**	**0.00**	**0.00%**	**42.82%**	**41.09%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.66%	0.64%
Line Losses on Cost of Power (based on two-tier RPP prices)	47	0.1190	5.62	47	0.1190	5.62	0.00	0.00%	6.53%	6.27%
Line Losses on Cost of Power (based on TOU prices)	47	0.1280	6.05	47	0.1280	6.05	0.00	0.00%	7.03%	6.74%
Sub-Total: Distribution (based on two-tier RPP prices)			**43.05**			**43.05**	**0.00**	**0.00%**	**50.02%**	**47.99%**
Sub-Total: Distribution (based on TOU prices)			**43.48**			**43.48**	**0.00**	**0.00%**	**50.51%**	**48.47%**
Retail Transmission Rate – Network Service Rate	497	0.0077	3.83	497	0.0077	3.83	0.00	0.00%	4.45%	4.27%
Retail Transmission Rate – Line and Transformation Connection Service Rate	497	0.0068	3.38	497	0.0068	3.38	0.00	0.00%	3.93%	3.77%
Sub-Total: Retail Transmission			**7.21**			**7.21**	**0.00**	**0.00%**	**8.38%**	**8.04%**
Sub-Total: Delivery (based on two-tier RPP prices)			**50.26**			**50.26**	**0.00**	**0.00%**	**58.40%**	**56.03%**
Sub-Total: Delivery (based on TOU prices)			**50.69**			**50.69**	**0.00**	**0.00%**	**58.89%**	**56.50%**
Wholesale Market Service Rate (WMS) - not including CBR	497	0.0030	1.49	497	0.0030	1.49	0.00	0.00%	1.73%	1.66%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	497	0.0004	0.20	497	0.0004	0.20	0.00	0.00%	0.23%	0.22%
Rural Rate Protection Charge	497	0.0005	0.25	497	0.0005	0.25	0.00	0.00%	0.29%	0.28%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.29%	0.28%
Sub-Total: Regulatory			**2.19**			**2.19**	**0.00**	**0.00%**	**2.54%**	**2.44%**
Total Electricty Charge on Two-Tier RPP			**106.00**			**106.00**	**0.00**	**0.00%**	**123.15%**	
HST		0.13	13.78		0.13	13.78	0.00	0.00%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**119.78**			**119.78**	**0.00**	**0.00%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-33.71		-0.318	-33.71	0.00	0.00%	-39.16%	
Total Amount on Two-Tier RPP			**86.07**			**86.07**	**0.00**	**0.00%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**110.48**			**110.48**	**0.00**	**0.00%**		**123.15%**
HST		0.13	14.36		0.13	14.36	0.00	0.00%		16.01%
Total Electricity Charge on TOU (including HST)			**124.84**			**124.84**	**0.00**	**0.00%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-35.13		-0.318	-35.13	0.00	0.00%		-39.16%
Total Amount on TOU			**89.71**			**89.71**	**0.00**	**0.00%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (Low Consumption Level) - R2 (without DRP)

Rate Class	R2
Monthly Consumption (kWh)	450
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	497
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	450	0.119	53.55	450	0.119	53.55	0.00	0.00%	47.31%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**53.55**			**53.55**	**0.00**	**0.00%**	**47.31%**	
TOU-Off Peak	293	0.128	37.44	293	0.128	37.44	0.00	0.00%		32.05%
TOU-Mid Peak	77	0.128	9.79	77	0.128	9.79	0.00	0.00%		8.38%
TOU-On Peak	81	0.128	10.37	81	0.128	10.37	0.00	0.00%		8.88%
Sub-Total: Energy (RPP TOU)			**57.60**			**57.60**	0.00	0.00%	**50.89%**	**49.31%**
Service Charge	1	52.35	52.35	1	63.27	63.27	10.92	20.86%	55.90%	54.16%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	450	0.0226	10.17	450	0.0155	6.98	-3.20	-31.42%	6.16%	5.97%
Volumetric Foregone Revenue Charge	450	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	450	0.0000	0.00	450	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				450	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**62.52**			**70.25**	**7.72**	**12.36%**	**62.06%**	**60.13%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.50%	0.49%
Line Losses on Cost of Power (based on two-tier RPP prices)	47	0.1190	5.62	47	0.1190	5.62	0.00	0.00%	4.97%	4.81%
Line Losses on Cost of Power (based on TOU prices)	47	0.1280	6.05	47	0.1280	6.05	0.00	0.00%	5.34%	5.18%
Sub-Total: Distribution (based on two-tier RPP prices)			**68.71**			**76.44**	**7.72**	**11.24%**	**67.54%**	**65.43%**
Sub-Total: Distribution (based on TOU prices)			**69.14**			**76.86**	**7.72**	**11.17%**	**67.91%**	**65.80%**
Retail Transmission Rate – Network Service Rate	497	0.0077	3.83	497	0.0077	3.83	0.00	0.00%	3.38%	3.28%
Retail Transmission Rate – Line and Transformation Connection Service Rate	497	0.0068	3.38	497	0.0068	3.38	0.00	0.00%	2.99%	2.89%
Sub-Total: Retail Transmission			**7.21**			**7.21**	**0.00**	**0.00%**	**6.37%**	**6.17%**
Sub-Total: Delivery (based on two-tier RPP prices)			**75.92**			**83.65**	**7.72**	**10.17%**	**73.91%**	**71.61%**
Sub-Total: Delivery (based on TOU prices)			**76.35**			**84.07**	**7.72**	**10.12%**	**74.28%**	**71.97%**
Wholesale Market Service Rate (WMS) - not including CBR	497	0.0030	1.49	497	0.0030	1.49	0.00	0.00%	1.32%	1.28%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	497	0.0004	0.20	497	0.0004	0.20	0.00	0.00%	0.18%	0.17%
Rural Rate Protection Charge	497	0.0005	0.25	497	0.0005	0.25	0.00	0.00%	0.22%	0.21%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.22%	0.21%
Sub-Total: Regulatory			**2.19**			**2.19**	**0.00**	**0.00%**	**1.93%**	**1.87%**
Total Electricty Charge on Two-Tier RPP			**131.66**			**139.39**	**7.72**	**5.87%**	**123.15%**	
HST		0.13	17.12		0.13	18.12	1.00	5.87%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**148.78**			**157.51**	**8.73**	**5.87%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-41.87		-0.318	-44.33	-2.46	-5.87%	-39.16%	
Total Amount on Two-Tier RPP			**106.91**			**113.18**	**6.27**	**5.87%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**136.14**			**143.86**	**7.72**	**5.67%**		**123.15%**
HST		0.13	17.70		0.13	18.70	1.00	5.67%		16.01%
Total Electricity Charge on TOU (including HST)			**153.84**			**162.56**	**8.73**	**5.67%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-43.29		-0.318	-45.75	-2.46	-5.67%		-39.16%
Total Amount on TOU			**110.54**			**116.82**	**6.27**	**5.67%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (Typical Consumption Level) - R2 (with DRP)

Rate Class	R2
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	829
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	750	0.119	89.25	750	0.119	89.25	0.00	0.00%	72.53%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**89.25**			**89.25**	**0.00**	**0.00%**	**72.53%**	
TOU-Off Peak	488	0.128	62.40	488	0.128	62.40	0.00	0.00%		48.33%
TOU-Mid Peak	128	0.128	16.32	128	0.128	16.32	0.00	0.00%		12.64%
TOU-On Peak	135	0.128	17.28	135	0.128	17.28	0.00	0.00%		13.38%
Sub-Total: Energy (RPP TOU)			**96.00**			**96.00**	0.00	0.00%	**78.01%**	**74.35%**
Service Charge	1	52.35	52.35	1	63.27	63.27	10.92	20.86%	51.41%	49.00%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	750	0.0226	16.95	750	0.0155	11.63	-5.33	-31.42%	9.45%	9.00%
Volumetric Foregone Revenue Charge	750	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	750	0.0000	0.00	750	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				750	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			-32.44			-38.04	-5.60	-17.25%	-30.91%	-29.46%
Sub-Total: Distribution (excluding pass through)			**36.86**			**36.86**	**0.00**	**0.00%**	**29.95%**	**28.55%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.46%	0.44%
Line Losses on Cost of Power (based on two-tier RPP prices)	79	0.1190	9.37	79	0.1190	9.37	0.00	0.00%	7.62%	7.26%
Line Losses on Cost of Power (based on TOU prices)	79	0.1280	10.08	79	0.1280	10.08	0.00	0.00%	8.19%	7.81%
Sub-Total: Distribution (based on two-tier RPP prices)			**46.80**			**46.80**	**0.00**	**0.00%**	**38.03%**	**36.25%**
Sub-Total: Distribution (based on TOU prices)			**47.51**			**47.51**	**0.00**	**0.00%**	**38.61%**	**36.80%**
Retail Transmission Rate – Network Service Rate	829	0.0077	6.38	829	0.0077	6.38	0.00	0.00%	5.19%	4.94%
Retail Transmission Rate – Line and Transformation Connection Service Rate	829	0.0068	5.64	829	0.0068	5.64	0.00	0.00%	4.58%	4.36%
Sub-Total: Retail Transmission			**12.02**			**12.02**	**0.00**	**0.00%**	**9.77%**	**9.31%**
Sub-Total: Delivery (based on two-tier RPP prices)			**58.82**			**58.82**	**0.00**	**0.00%**	**47.80%**	**45.55%**
Sub-Total: Delivery (based on TOU prices)			**59.53**			**59.53**	**0.00**	**0.00%**	**48.37%**	**46.10%**
Wholesale Market Service Rate (WMS) - not including CBR	829	0.0030	2.49	829	0.0030	2.49	0.00	0.00%	2.02%	1.93%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	829	0.0004	0.33	829	0.0004	0.33	0.00	0.00%	0.27%	0.26%
Rural Rate Protection Charge	829	0.0005	0.41	829	0.0005	0.41	0.00	0.00%	0.34%	0.32%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.20%	0.19%
Sub-Total: Regulatory			**3.48**			**3.48**	**0.00**	**0.00%**	**2.83%**	**2.70%**
Total Electricty Charge on Two-Tier RPP			**151.55**			**151.55**	**0.00**	**0.00%**	**123.15%**	
HST		0.13	19.70		0.13	19.70	0.00	0.00%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**171.25**			**171.25**	**0.00**	**0.00%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-48.19		-0.318	-48.19	0.00	0.00%	-39.16%	
Total Amount on Two-Tier RPP			**123.06**			**123.06**	**0.00**	**0.00%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**159.01**			**159.01**	**0.00**	**0.00%**		**123.15%**
HST		0.13	20.67		0.13	20.67	0.00	0.00%		16.01%
Total Electricity Charge on TOU (including HST)			**179.68**			**179.68**	**0.00**	**0.00%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-50.56		-0.318	-50.56	0.00	0.00%		-39.16%
Total Amount on TOU			**129.12**			**129.12**	**0.00**	**0.00%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (Typical Consumption Level) - R2 (without DRP)

Rate Class	R2
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	829
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	750	0.119	89.25	750	0.119	89.25	0.00	0.00%	57.98%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**89.25**			**89.25**	**0.00**	**0.00%**	**57.98%**	
TOU-Off Peak	488	0.128	62.40	488	0.128	62.40	0.00	0.00%		39.00%
TOU-Mid Peak	128	0.128	16.32	128	0.128	16.32	0.00	0.00%		10.20%
TOU-On Peak	135	0.128	17.28	135	0.128	17.28	0.00	0.00%		10.80%
Sub-Total: Energy (RPP TOU)			**96.00**			**96.00**	0.00	0.00%	**62.36%**	**60.00%**
Service Charge	1	52.35	52.35	1	63.27	63.27	10.92	20.86%	41.10%	39.54%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	750	0.0226	16.95	750	0.0155	11.63	-5.33	-31.42%	7.55%	7.27%
Volumetric Foregone Revenue Charge	750	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	750	0.0000	0.00	750	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				750	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**69.30**			**74.90**	**5.60**	**8.07%**	**48.65%**	**46.81%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.37%	0.36%
Line Losses on Cost of Power (based on two-tier RPP prices)	79	0.1190	9.37	79	0.1190	9.37	0.00	0.00%	6.09%	5.86%
Line Losses on Cost of Power (based on TOU prices)	79	0.1280	10.08	79	0.1280	10.08	0.00	0.00%	6.55%	6.30%
Sub-Total: Distribution (based on two-tier RPP prices)			**79.24**			**84.84**	**5.60**	**7.06%**	**55.11%**	**53.02%**
Sub-Total: Distribution (based on TOU prices)			**79.95**			**85.55**	**5.60**	**7.00%**	**55.57%**	**53.47%**
Retail Transmission Rate – Network Service Rate	829	0.0077	6.38	829	0.0077	6.38	0.00	0.00%	4.15%	3.99%
Retail Transmission Rate – Line and Transformation Connection Service Rate	829	0.0068	5.64	829	0.0068	5.64	0.00	0.00%	3.66%	3.52%
Sub-Total: Retail Transmission			**12.02**			**12.02**	**0.00**	**0.00%**	**7.81%**	**7.51%**
Sub-Total: Delivery (based on two-tier RPP prices)			**91.26**			**96.85**	**5.60**	**6.13%**	**62.91%**	**60.53%**
Sub-Total: Delivery (based on TOU prices)			**91.97**			**97.56**	**5.60**	**6.08%**	**63.38%**	**60.98%**
Wholesale Market Service Rate (WMS) - not including CBR	829	0.0030	2.49	829	0.0030	2.49	0.00	0.00%	1.62%	1.55%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	829	0.0004	0.33	829	0.0004	0.33	0.00	0.00%	0.22%	0.21%
Rural Rate Protection Charge	829	0.0005	0.41	829	0.0005	0.41	0.00	0.00%	0.27%	0.26%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.16%	0.16%
Sub-Total: Regulatory			**3.48**			**3.48**	**0.00**	**0.00%**	**2.26%**	**2.18%**
Total Electricty Charge on Two-Tier RPP			**183.99**			**189.59**	**5.59**	**3.04%**	**123.15%**	
HST		0.13	23.92		0.13	24.65	0.73	3.04%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**207.91**			**214.23**	**6.32**	**3.04%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-58.51		-0.318	-60.29	-1.78	-3.04%	-39.16%	
Total Amount on Two-Tier RPP			**149.40**			**153.94**	**4.54**	**3.04%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**191.45**			**197.04**	**5.59**	**2.92%**		**123.15%**
HST		0.13	24.89		0.13	25.62	0.73	2.92%		16.01%
Total Electricity Charge on TOU (including HST)			**216.34**			**222.66**	**6.32**	**2.92%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-60.88		-0.318	-62.66	-1.78	-2.92%		-39.16%
Total Amount on TOU			**155.46**			**160.00**	**4.54**	**2.92%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (High Consumption Level) - R2 (with DRP)

Rate Class	R2
Monthly Consumption (kWh)	2300
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	2542
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	35.08%	
Energy Second Tier	1,300	0.139	180.70	1,300	0.139	180.70	0.00	0.00%	53.28%	
Sub-Total: Energy (RPP Tiered)			**299.70**			**299.70**	**0.00**	**0.00%**	**88.36%**	
TOU-Off Peak	1,495	0.128	191.36	1,495	0.128	191.36	0.00	0.00%		57.51%
TOU-Mid Peak	391	0.128	50.05	391	0.128	50.05	0.00	0.00%		15.04%
TOU-On Peak	414	0.128	52.99	414	0.128	52.99	0.00	0.00%		15.93%
Sub-Total: Energy (RPP TOU)			**294.40**			**294.40**	0.00	0.00%	**86.80%**	**88.48%**
Service Charge	1	52.35	52.35	1	63.27	63.27	10.92	20.86%	18.65%	19.02%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	2,300	0.0226	51.98	2,300	0.0155	35.65	-16.33	-31.42%	10.51%	10.71%
Volumetric Foregone Revenue Charge	2,300	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	2,300	0.0000	0.00	2,300	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				2,300	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			-67.47			-62.06	5.41	8.02%	-18.30%	-18.65%
Sub-Total: Distribution (excluding pass through)			**36.86**			**36.86**	**0.00**	**0.00%**	**10.87%**	**11.08%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.17%	0.17%
Line Losses on Cost of Power (based on two-tier RPP prices)	242	0.1390	33.57	242	0.1390	33.57	0.00	0.00%	9.90%	10.09%
Line Losses on Cost of Power (based on TOU prices)	242	0.1280	30.91	242	0.1280	30.91	0.00	0.00%	9.11%	9.29%
Sub-Total: Distribution (based on two-tier RPP prices)			**71.00**			**71.00**	**0.00**	**0.00%**	**20.93%**	**21.34%**
Sub-Total: Distribution (based on TOU prices)			**68.34**			**68.34**	**0.00**	**0.00%**	**20.15%**	**20.54%**
Retail Transmission Rate – Network Service Rate	2,542	0.0077	19.57	2,542	0.0077	19.57	0.00	0.00%	5.77%	5.88%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,542	0.0068	17.28	2,542	0.0068	17.28	0.00	0.00%	5.10%	5.19%
Sub-Total: Retail Transmission			**36.85**			**36.85**	**0.00**	**0.00%**	**10.86%**	**11.08%**
Sub-Total: Delivery (based on two-tier RPP prices)			**107.85**			**107.85**	**0.00**	**0.00%**	**31.80%**	**32.41%**
Sub-Total: Delivery (based on TOU prices)			**105.19**			**105.19**	**0.00**	**0.00%**	**31.01%**	**31.62%**
Wholesale Market Service Rate (WMS) - not including CBR	2,542	0.0030	7.62	2,542	0.0030	7.62	0.00	0.00%	2.25%	2.29%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	2,542	0.0004	1.02	2,542	0.0004	1.02	0.00	0.00%	0.30%	0.31%
Rural Rate Protection Charge	2,542	0.0005	1.27	2,542	0.0005	1.27	0.00	0.00%	0.37%	0.38%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.07%	0.08%
Sub-Total: Regulatory			**10.16**			**10.16**	**0.00**	**0.00%**	**3.00%**	**3.05%**
Total Electricty Charge on Two-Tier RPP			**417.71**			**417.71**	**0.00**	**0.00%**	**123.15%**	
HST		0.13	54.30		0.13	54.30	0.00	0.00%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**472.01**			**472.01**	**0.00**	**0.00%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-132.83		-0.318	-132.83	0.00	0.00%	-39.16%	
Total Amount on Two-Tier RPP			**339.18**			**339.18**	**0.00**	**0.00%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**409.76**			**409.76**	**0.00**	**0.00%**		**123.15%**
HST		0.13	53.27		0.13	53.27	0.00	0.00%		16.01%
Total Electricity Charge on TOU (including HST)			**463.02**			**463.02**	**0.00**	**0.00%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-130.30		-0.318	-130.30	0.00	0.00%		-39.16%
Total Amount on TOU			**332.72**			**332.72**	**0.00**	**0.00%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (High Consumption Level) - R2 (without DRP)

Rate Class	R2
Monthly Consumption (kWh)	2300
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	2542
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	30.55%	
Energy Second Tier	1,300	0.139	180.70	1,300	0.139	180.70	0.00	0.00%	46.38%	
Sub-Total: Energy (RPP Tiered)			**299.70**			**299.70**	**0.00**	**0.00%**	**76.93%**	
TOU-Off Peak	1,495	0.128	191.36	1,495	0.128	191.36	0.00	0.00%		49.95%
TOU-Mid Peak	391	0.128	50.05	391	0.128	50.05	0.00	0.00%		13.06%
TOU-On Peak	414	0.128	52.99	414	0.128	52.99	0.00	0.00%		13.83%
Sub-Total: Energy (RPP TOU)			**294.40**			**294.40**	0.00	0.00%	**75.57%**	**76.84%**
Service Charge	1	52.35	52.35	1	63.27	63.27	10.92	20.86%	16.24%	16.51%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	2,300	0.0226	51.98	2,300	0.0155	35.65	-16.33	-31.42%	9.15%	9.31%
Volumetric Foregone Revenue Charge	2,300	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	2,300	0.0000	0.00	2,300	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				2,300	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**104.33**			**98.92**	**-5.41**	**-5.19%**	**25.39%**	**25.82%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.15%	0.15%
Line Losses on Cost of Power (based on two-tier RPP prices)	242	0.1390	33.57	242	0.1390	33.57	0.00	0.00%	8.62%	8.76%
Line Losses on Cost of Power (based on TOU prices)	242	0.1280	30.91	242	0.1280	30.91	0.00	0.00%	7.93%	8.07%
Sub-Total: Distribution (based on two-tier RPP prices)			**138.47**			**133.06**	**-5.41**	**-3.91%**	**34.15%**	**34.73%**
Sub-Total: Distribution (based on TOU prices)			**135.81**			**130.40**	**-5.41**	**-3.98%**	**33.47%**	**34.04%**
Retail Transmission Rate – Network Service Rate	2,542	0.0077	19.57	2,542	0.0077	19.57	0.00	0.00%	5.02%	5.11%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,542	0.0068	17.28	2,542	0.0068	17.28	0.00	0.00%	4.44%	4.51%
Sub-Total: Retail Transmission			**36.85**			**36.85**	**0.00**	**0.00%**	**9.46%**	**9.62%**
Sub-Total: Delivery (based on two-tier RPP prices)			**175.32**			**169.91**	**-5.41**	**-3.09%**	**43.61%**	**44.35%**
Sub-Total: Delivery (based on TOU prices)			**172.66**			**167.25**	**-5.41**	**-3.13%**	**42.93%**	**43.66%**
Wholesale Market Service Rate (WMS) - not including CBR	2,542	0.0030	7.62	2,542	0.0030	7.62	0.00	0.00%	1.96%	1.99%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	2,542	0.0004	1.02	2,542	0.0004	1.02	0.00	0.00%	0.26%	0.27%
Rural Rate Protection Charge	2,542	0.0005	1.27	2,542	0.0005	1.27	0.00	0.00%	0.33%	0.33%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%	0.07%
Sub-Total: Regulatory			**10.16**			**10.16**	**0.00**	**0.00%**	**2.61%**	**2.65%**
Total Electricty Charge on Two-Tier RPP			**485.18**			**479.77**	**-5.41**	**-1.12%**	**123.15%**	
HST		0.13	63.07		0.13	62.37	-0.70	-1.12%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**548.26**			**542.14**	**-6.11**	**-1.12%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-154.29		-0.318	-152.57	1.72	1.12%	-39.16%	
Total Amount on Two-Tier RPP			**393.97**			**389.57**	**-4.39**	**-1.12%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**477.23**			**471.82**	**-5.41**	**-1.13%**		**123.15%**
HST		0.13	62.04		0.13	61.34	-0.70	-1.13%		16.01%
Total Electricity Charge on TOU (including HST)			**539.26**			**533.15**	**-6.11**	**-1.13%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-151.76		-0.318	-150.04	1.72	1.13%		-39.16%
Total Amount on TOU			**387.51**			**383.11**	**-4.39**	**-1.13%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (Low Consumption Level) - Seasonal

Rate Class	Seasonal
Monthly Consumption (kWh)	50
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	55
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	50	0.119	5.95	50	0.119	5.95	0.00	0.00%	11.09%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**5.95**			**5.95**	**0.00**	**0.00%**	**11.09%**	
TOU-Off Peak	33	0.128	4.16	33	0.128	4.16	0.00	0.00%		7.70%
TOU-Mid Peak	9	0.128	1.09	9	0.128	1.09	0.00	0.00%		2.01%
TOU-On Peak	9	0.128	1.15	9	0.128	1.15	0.00	0.00%		2.13%
Sub-Total: Energy (RPP TOU)			**6.40**			**6.40**	0.00	0.00%	**11.93%**	**11.84%**
Service Charge	1	50.37	50.37	1	56.28	56.28	5.91	11.73%	104.90%	104.12%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	50	0.0438	2.19	50	0.0300	1.50	-0.69	-31.51%	2.80%	2.77%
Volumetric Foregone Revenue Charge	50	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	50	0.0000	0.00	50	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				50	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**52.56**			**57.78**	**5.22**	**9.93%**	**107.69%**	**106.89%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	1.06%	1.05%
Line Losses on Cost of Power (based on two-tier RPP prices)	5	0.1190	0.62	5	0.1190	0.62	0.00	0.00%	1.15%	1.14%
Line Losses on Cost of Power (based on TOU prices)	5	0.1280	0.67	5	0.1280	0.67	0.00	0.00%	1.24%	1.23%
Sub-Total: Distribution (based on two-tier RPP prices)			**53.75**			**58.97**	**5.22**	**9.71%**	**109.91%**	**109.09%**
Sub-Total: Distribution (based on TOU prices)			**53.80**			**59.02**	**5.22**	**9.70%**	**110.00%**	**109.18%**
Retail Transmission Rate – Network Service Rate	55	0.0064	0.35	55	0.0064	0.35	0.00	0.00%	0.66%	0.65%
Retail Transmission Rate – Line and Transformation Connection Service Rate	55	0.0061	0.34	55	0.0061	0.34	0.00	0.00%	0.63%	0.62%
Sub-Total: Retail Transmission			**0.69**			**0.69**	**0.00**	**0.00%**	**1.29%**	**1.28%**
Sub-Total: Delivery (based on two-tier RPP prices)			**54.44**			**59.66**	**5.22**	**9.59%**	**111.20%**	**110.37%**
Sub-Total: Delivery (based on TOU prices)			**54.49**			**59.71**	**5.22**	**9.58%**	**111.28%**	**110.45%**
Wholesale Market Service Rate (WMS) - not including CBR	55	0.0030	0.17	55	0.0030	0.17	0.00	0.00%	0.31%	0.31%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	55	0.0004	0.02	55	0.0004	0.02	0.00	0.00%	0.04%	0.04%
Rural Rate Protection Charge	55	0.0005	0.03	55	0.0005	0.03	0.00	0.00%	0.05%	0.05%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.47%	0.46%
Sub-Total: Regulatory			**0.47**			**0.47**	**0.00**	**0.00%**	**0.87%**	**0.86%**
Total Electricty Charge on Two-Tier RPP			**60.85**			**66.07**	**5.22**	**8.58%**	**123.15%**	
HST		0.13	7.91		0.13	8.59	0.68	8.58%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**68.77**			**74.66**	**5.90**	**8.58%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-19.35		-0.318	-21.01	-1.66	-8.58%	-39.16%	
Total Amount on Two-Tier RPP			**49.41**			**53.65**	**4.24**	**8.58%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**61.35**			**66.57**	**5.22**	**8.51%**		**123.15%**
HST		0.13	7.98		0.13	8.65	0.68	8.51%		16.01%
Total Electricity Charge on TOU (including HST)			**69.33**			**75.23**	**5.90**	**8.51%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-19.51		-0.318	-21.17	-1.66	-8.51%		-39.16%
Total Amount on TOU			**49.82**			**54.06**	**4.24**	**8.51%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2021 Bill Impacts (Average Consumption Level) - Seasonal

Rate Class	Seasonal
Monthly Consumption (kWh)	350
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	386
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	350	0.119	41.65	350	0.119	41.65	0.00	0.00%	42.77%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**41.65**			**41.65**	**0.00**	**0.00%**	**42.77%**	
TOU-Off Peak	228	0.128	29.12	228	0.128	29.12	0.00	0.00%		29.06%
TOU-Mid Peak	60	0.128	7.62	60	0.128	7.62	0.00	0.00%		7.60%
TOU-On Peak	63	0.128	8.06	63	0.128	8.06	0.00	0.00%		8.05%
Sub-Total: Energy (RPP TOU)			**44.80**			**44.80**	0.00	0.00%	**46.01%**	**44.71%**
Service Charge	1	50.37	50.37	1	56.28	56.28	5.91	11.73%	57.80%	56.17%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	350	0.0438	15.33	350	0.0300	10.50	-4.83	-31.51%	10.78%	10.48%
Volumetric Foregone Revenue Charge	350	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	350	0.0000	0.00	350	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				350	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**65.70**			**66.78**	**1.08**	**1.64%**	**68.58%**	**66.65%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.59%	0.57%
Line Losses on Cost of Power (based on two-tier RPP prices)	36	0.1190	4.33	36	0.1190	4.33	0.00	0.00%	4.45%	4.32%
Line Losses on Cost of Power (based on TOU prices)	36	0.1280	4.66	36	0.1280	4.66	0.00	0.00%	4.78%	4.65%
Sub-Total: Distribution (based on two-tier RPP prices)			**70.60**			**71.68**	**1.08**	**1.53%**	**73.61%**	**71.54%**
Sub-Total: Distribution (based on TOU prices)			**70.93**			**72.01**	**1.08**	**1.52%**	**73.95%**	**71.87%**
Retail Transmission Rate – Network Service Rate	386	0.0064	2.47	386	0.0064	2.47	0.00	0.00%	2.54%	2.47%
Retail Transmission Rate – Line and Transformation Connection Service Rate	386	0.0061	2.36	386	0.0061	2.36	0.00	0.00%	2.42%	2.35%
Sub-Total: Retail Transmission			**4.83**			**4.83**	**0.00**	**0.00%**	**4.96%**	**4.82%**
Sub-Total: Delivery (based on two-tier RPP prices)			**75.43**			**76.51**	**1.08**	**1.43%**	**78.58%**	**76.36%**
Sub-Total: Delivery (based on TOU prices)			**75.76**			**76.84**	**1.08**	**1.43%**	**78.91%**	**76.69%**
Wholesale Market Service Rate (WMS) - not including CBR	386	0.0030	1.16	386	0.0030	1.16	0.00	0.00%	1.19%	1.16%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	386	0.0004	0.15	386	0.0004	0.15	0.00	0.00%	0.16%	0.15%
Rural Rate Protection Charge	386	0.0005	0.19	386	0.0005	0.19	0.00	0.00%	0.20%	0.19%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.26%	0.25%
Sub-Total: Regulatory			**1.76**			**1.76**	**0.00**	**0.00%**	**1.80%**	**1.75%**
Total Electricty Charge on Two-Tier RPP			**118.84**			**119.92**	**1.08**	**0.91%**	**123.15%**	
HST		0.13	15.45		0.13	15.59	0.14	0.91%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**134.29**			**135.51**	**1.22**	**0.91%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-37.79		-0.318	-38.13	-0.34	-0.91%	-39.16%	
Total Amount on Two-Tier RPP			**96.50**			**97.37**	**0.88**	**0.91%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**122.32**			**123.40**	**1.08**	**0.88%**		**123.15%**
HST		0.13	15.90		0.13	16.04	0.14	0.88%		16.01%
Total Electricity Charge on TOU (including HST)			**138.22**			**139.44**	**1.22**	**0.88%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-38.90		-0.318	-39.24	-0.34	-0.88%		-39.16%
Total Amount on TOU			**99.32**			**100.20**	**0.88**	**0.88%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2021 Bill Impacts (High Consumption Level) - Seasonal

Rate Class	Seasonal
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	1104
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	61.95%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**119.00**			**119.00**	**0.00**	**0.00%**	**61.95%**	
TOU-Off Peak	650	0.128	83.20	650	0.128	83.20	0.00	0.00%		41.56%
TOU-Mid Peak	170	0.128	21.76	170	0.128	21.76	0.00	0.00%		10.87%
TOU-On Peak	180	0.128	23.04	180	0.128	23.04	0.00	0.00%		11.51%
Sub-Total: Energy (RPP TOU)			**128.00**			**128.00**	0.00	0.00%	**66.63%**	**63.94%**
Service Charge	1	50.37	50.37	1	56.28	56.28	5.91	11.73%	29.30%	28.12%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	1,000	0.0438	43.80	1,000	0.0300	30.00	-13.80	-31.51%	15.62%	14.99%
Volumetric Foregone Revenue Charge	1,000	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	1,000	0.0000	0.00	1,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				1,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**94.17**			**86.28**	**-7.89**	**-8.38%**	**44.91%**	**43.10%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.30%	0.28%
Line Losses on Cost of Power (based on two-tier RPP prices)	104	0.1190	12.38	104	0.1190	12.38	0.00	0.00%	6.44%	6.18%
Line Losses on Cost of Power (based on TOU prices)	104	0.1280	13.31	104	0.1280	13.31	0.00	0.00%	6.93%	6.65%
Sub-Total: Distribution (based on two-tier RPP prices)			**107.12**			**99.23**	**-7.89**	**-7.37%**	**51.65%**	**49.57%**
Sub-Total: Distribution (based on TOU prices)			**108.05**			**100.16**	**-7.89**	**-7.30%**	**52.14%**	**50.04%**
Retail Transmission Rate – Network Service Rate	1,104	0.0064	7.07	1,104	0.0064	7.07	0.00	0.00%	3.68%	3.53%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,104	0.0061	6.73	1,104	0.0061	6.73	0.00	0.00%	3.51%	3.36%
Sub-Total: Retail Transmission			**13.80**			**13.80**	**0.00**	**0.00%**	**7.18%**	**6.89%**
Sub-Total: Delivery (based on two-tier RPP prices)			**120.92**			**113.03**	**-7.89**	**-6.53%**	**58.84%**	**56.46%**
Sub-Total: Delivery (based on TOU prices)			**121.85**			**113.96**	**-7.89**	**-6.48%**	**59.32%**	**56.93%**
Wholesale Market Service Rate (WMS) - not including CBR	1,104	0.0030	3.31	1,104	0.0030	3.31	0.00	0.00%	1.72%	1.65%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	1,104	0.0004	0.44	1,104	0.0004	0.44	0.00	0.00%	0.23%	0.22%
Rural Rate Protection Charge	1,104	0.0005	0.55	1,104	0.0005	0.55	0.00	0.00%	0.29%	0.28%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.13%	0.12%
Sub-Total: Regulatory			**4.56**			**4.56**	**0.00**	**0.00%**	**2.37%**	**2.28%**
Total Electricty Charge on Two-Tier RPP			**244.47**			**236.58**	**-7.89**	**-3.23%**	**123.15%**	
HST		0.13	31.78		0.13	30.76	-1.03	-3.23%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**276.25**			**267.34**	**-8.92**	**-3.23%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-77.74		-0.318	-75.23	2.51	3.23%	-39.16%	
Total Amount on Two-Tier RPP			**198.51**			**192.10**	**-6.41**	**-3.23%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**254.41**			**246.52**	**-7.89**	**-3.10%**		**123.15%**
HST		0.13	33.07		0.13	32.05	-1.03	-3.10%		16.01%
Total Electricity Charge on TOU (including HST)			**287.48**			**278.56**	**-8.92**	**-3.10%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-80.90		-0.318	-78.39	2.51	3.10%		-39.16%
Total Amount on TOU			**206.58**			**200.17**	**-6.41**	**-3.10%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2021 Bill Impacts (Low Consumption Level) - GSe

Rate Class	GSe
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	1096
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	59.30%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**119.00**			**119.00**	**0.00**	**0.00%**	**59.30%**	
TOU-Off Peak	650	0.128	83.20	650	0.128	83.20	0.00	0.00%		39.87%
TOU-Mid Peak	170	0.128	21.76	170	0.128	21.76	0.00	0.00%		10.43%
TOU-On Peak	180	0.128	23.04	180	0.128	23.04	0.00	0.00%		11.04%
Sub-Total: Energy (RPP TOU)			**128.00**			**128.00**	0.00	0.00%	**63.78%**	**61.33%**
Service Charge	1	32.25	32.25	1	32.87	32.87	0.62	1.92%	16.38%	15.75%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	1,000	0.0637	63.70	1,000	0.0655	65.50	1.80	2.83%	32.64%	31.39%
Volumetric Foregone Revenue Charge	1,000	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	1,000	0.0000	0.00	1,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				1,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**95.95**			**98.37**	**2.42**	**2.52%**	**49.02%**	**47.14%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.28%	0.27%
Line Losses on Cost of Power (based on two-tier RPP prices)	96	0.1190	11.42	96	0.1190	11.42	0.00	0.00%	5.69%	5.47%
Line Losses on Cost of Power (based on TOU prices)	96	0.1280	12.29	96	0.1280	12.29	0.00	0.00%	6.12%	5.89%
Sub-Total: Distribution (based on two-tier RPP prices)			**107.94**			**110.36**	**2.42**	**2.24%**	**54.99%**	**52.88%**
Sub-Total: Distribution (based on TOU prices)			**108.81**			**111.23**	**2.42**	**2.22%**	**55.42%**	**53.30%**
Retail Transmission Rate – Network Service Rate	1,096	0.0065	7.12	1,096	0.0065	7.12	0.00	0.00%	3.55%	3.41%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,096	0.0056	6.14	1,096	0.0056	6.14	0.00	0.00%	3.06%	2.94%
Sub-Total: Retail Transmission			**13.26**			**13.26**	**0.00**	**0.00%**	**6.61%**	**6.35%**
Sub-Total: Delivery (based on two-tier RPP prices)			**121.21**			**123.63**	**2.42**	**2.00%**	**61.60%**	**59.24%**
Sub-Total: Delivery (based on TOU prices)			**122.07**			**124.49**	**2.42**	**1.98%**	**62.03%**	**59.65%**
Wholesale Market Service Rate (WMS) - not including CBR	1,096	0.0030	3.29	1,096	0.0030	3.29	0.00	0.00%	1.64%	1.58%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	1,096	0.0004	0.44	1,096	0.0004	0.44	0.00	0.00%	0.22%	0.21%
Rural Rate Protection Charge	1,096	0.0005	0.55	1,096	0.0005	0.55	0.00	0.00%	0.27%	0.26%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.12%	0.12%
Sub-Total: Regulatory			**4.52**			**4.52**	**0.00**	**0.00%**	**2.25%**	**2.17%**
Total Electricty Charge on Two-Tier RPP			**244.73**			**247.15**	**2.42**	**0.99%**	**123.15%**	
HST		0.13	31.81		0.13	32.13	0.31	0.99%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**276.54**			**279.28**	**2.73**	**0.99%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-77.82		-0.318	-78.59	-0.77	-0.99%	-39.16%	
Total Amount on Two-Tier RPP			**198.72**			**200.69**	**1.97**	**0.99%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**254.59**			**257.01**	**2.42**	**0.95%**		**123.15%**
HST		0.13	33.10		0.13	33.41	0.31	0.95%		16.01%
Total Electricity Charge on TOU (including HST)			**287.69**			**290.43**	**2.73**	**0.95%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-80.96		-0.318	-81.73	-0.77	-0.95%		-39.16%
Total Amount on TOU			**206.73**			**208.70**	**1.97**	**0.95%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2021 Bill Impacts (Typical Consumption Level) - GSe

Rate Class	GSe
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	2192
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	30.25%	
Energy Second Tier	1,000	0.139	139.00	1,000	0.139	139.00	0.00	0.00%	35.34%	
Sub-Total: Energy (RPP Tiered)			**258.00**			**258.00**	**0.00**	**0.00%**	**65.59%**	
TOU-Off Peak	1,300	0.128	166.40	1,300	0.128	166.40	0.00	0.00%		42.66%
TOU-Mid Peak	340	0.128	43.52	340	0.128	43.52	0.00	0.00%		11.16%
TOU-On Peak	360	0.128	46.08	360	0.128	46.08	0.00	0.00%		11.81%
Sub-Total: Energy (RPP TOU)			**256.00**			**256.00**	0.00	0.00%	**65.08%**	**65.64%**
Service Charge	1	32.25	32.25	1	32.87	32.87	0.62	1.92%	8.36%	8.43%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	2,000	0.0637	127.40	2,000	0.0655	131.00	3.60	2.83%	33.30%	33.59%
Volumetric Foregone Revenue Charge	2,000	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	2,000	0.0000	0.00	2,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				2,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**159.65**			**163.87**	**4.22**	**2.64%**	**41.66%**	**42.01%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.14%	0.15%
Line Losses on Cost of Power (based on two-tier RPP prices)	192	0.1390	26.69	192	0.1390	26.69	0.00	0.00%	6.78%	6.84%
Line Losses on Cost of Power (based on TOU prices)	192	0.1280	24.58	192	0.1280	24.58	0.00	0.00%	6.25%	6.30%
Sub-Total: Distribution (based on two-tier RPP prices)			**186.91**			**191.13**	**4.22**	**2.26%**	**48.59%**	**49.00%**
Sub-Total: Distribution (based on TOU prices)			**184.80**			**189.02**	**4.22**	**2.28%**	**48.05%**	**48.46%**
Retail Transmission Rate – Network Service Rate	2,192	0.0065	14.25	2,192	0.0065	14.25	0.00	0.00%	3.62%	3.65%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,192	0.0056	12.28	2,192	0.0056	12.28	0.00	0.00%	3.12%	3.15%
Sub-Total: Retail Transmission			**26.52**			**26.52**	**0.00**	**0.00%**	**6.74%**	**6.80%**
Sub-Total: Delivery (based on two-tier RPP prices)			**213.43**			**217.65**	**4.22**	**1.98%**	**55.33%**	**55.80%**
Sub-Total: Delivery (based on TOU prices)			**211.32**			**215.54**	**4.22**	**2.00%**	**54.79%**	**55.26%**
Wholesale Market Service Rate (WMS) - not including CBR	2,192	0.0030	6.58	2,192	0.0030	6.58	0.00	0.00%	1.67%	1.69%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	2,192	0.0004	0.88	2,192	0.0004	0.88	0.00	0.00%	0.22%	0.22%
Rural Rate Protection Charge	2,192	0.0005	1.10	2,192	0.0005	1.10	0.00	0.00%	0.28%	0.28%
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			**8.80**			**8.80**	**0.00**	**0.00%**	**2.24%**	**2.26%**
Total Electricty Charge on Two-Tier RPP			**480.23**			**484.45**	**4.22**	**0.88%**	**123.15%**	
HST		0.13	62.43		0.13	62.98	0.55	0.88%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**542.66**			**547.43**	**4.77**	**0.88%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-152.71		-0.318	-154.06	-1.34	-0.88%	-39.16%	
Total Amount on Two-Tier RPP			**389.95**			**393.37**	**3.43**	**0.88%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**476.12**			**480.34**	**4.22**	**0.89%**		**123.15%**
HST		0.13	61.90		0.13	62.44	0.55	0.89%		16.01%
Total Electricity Charge on TOU (including HST)			**538.01**			**542.78**	**4.77**	**0.89%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-151.41		-0.318	-152.75	-1.34	-0.89%		-39.16%
Total Amount on TOU			**386.61**			**390.03**	**3.43**	**0.89%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2021 Bill Impacts (High Consumption Level) - GSe

Rate Class	GSe
Monthly Consumption (kWh)	15000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	16440
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	4.13%	
Energy Second Tier	14,000	0.139	1,946.00	14,000	0.139	1,946.00	0.00	0.00%	67.62%	
Sub-Total: Energy (RPP Tiered)			**2,065.00**			**2,065.00**	**0.00**	**0.00%**	**71.75%**	
TOU-Off Peak	9,750	0.128	1,248.00	9,750	0.128	1,248.00	0.00	0.00%		45.42%
TOU-Mid Peak	2,550	0.128	326.40	2,550	0.128	326.40	0.00	0.00%		11.88%
TOU-On Peak	2,700	0.128	345.60	2,700	0.128	345.60	0.00	0.00%		12.58%
Sub-Total: Energy (RPP TOU)			**1,920.00**			**1,920.00**	0.00	0.00%	**66.71%**	**69.88%**
Service Charge	1	32.25	32.25	1	32.87	32.87	0.62	1.92%	1.14%	1.20%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	15,000	0.0637	955.50	15,000	0.0655	982.50	27.00	2.83%	34.14%	35.76%
Volumetric Foregone Revenue Charge	15,000	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	15,000	0.0000	0.00	15,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				15,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**987.75**			**1,015.37**	**27.62**	**2.80%**	**35.28%**	**36.96%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.02%	0.02%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,440	0.1390	200.16	1,440	0.1390	200.16	0.00	0.00%	6.95%	7.29%
Line Losses on Cost of Power (based on TOU prices)	1,440	0.1280	184.32	1,440	0.1280	184.32	0.00	0.00%	6.40%	6.71%
Sub-Total: Distribution (based on two-tier RPP prices)			**1,188.48**			**1,216.10**	**27.62**	**2.32%**	**42.25%**	**44.26%**
Sub-Total: Distribution (based on TOU prices)			**1,172.64**			**1,200.26**	**27.62**	**2.36%**	**41.70%**	**43.69%**
Retail Transmission Rate – Network Service Rate	16,440	0.0065	106.86	16,440	0.0065	106.86	0.00	0.00%	3.71%	3.89%
Retail Transmission Rate – Line and Transformation Connection Service Rate	16,440	0.0056	92.06	16,440	0.0056	92.06	0.00	0.00%	3.20%	3.35%
Sub-Total: Retail Transmission			**198.92**			**198.92**	**0.00**	**0.00%**	**6.91%**	**7.24%**
Sub-Total: Delivery (based on two-tier RPP prices)			**1,387.40**			**1,415.02**	**27.62**	**1.99%**	**49.17%**	**51.50%**
Sub-Total: Delivery (based on TOU prices)			**1,371.56**			**1,399.18**	**27.62**	**2.01%**	**48.62%**	**50.93%**
Wholesale Market Service Rate (WMS) - not including CBR	16,440	0.0030	49.32	16,440	0.0030	49.32	0.00	0.00%	1.71%	1.80%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	16,440	0.0004	6.58	16,440	0.0004	6.58	0.00	0.00%	0.23%	0.24%
Rural Rate Protection Charge	16,440	0.0005	8.22	16,440	0.0005	8.22	0.00	0.00%	0.29%	0.30%
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			**64.37**			**64.37**	**0.00**	**0.00%**	**2.24%**	**2.34%**
Total Electricty Charge on Two-Tier RPP			**3,516.77**			**3,544.39**	**27.62**	**0.79%**	**123.15%**	
HST		0.13	457.18		0.13	460.77	3.59	0.79%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**3,973.95**			**4,005.16**	**31.21**	**0.79%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-1,118.33		-0.318	-1,127.12	-8.78	-0.79%	-39.16%	
Total Amount on Two-Tier RPP			**2,855.62**			**2,878.04**	**22.43**	**0.79%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**3,355.93**			**3,383.55**	**27.62**	**0.82%**		**123.15%**
HST		0.13	436.27		0.13	439.86	3.59	0.82%		16.01%
Total Electricity Charge on TOU (including HST)			**3,792.20**			**3,823.41**	**31.21**	**0.82%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-1,067.19		-0.318	-1,075.97	-8.78	-0.82%		-39.16%
Total Amount on TOU			**2,725.02**			**2,747.44**	**22.43**	**0.82%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2021 Bill Impacts (Low Consumption Level) - UGe

Rate Class	UGe
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	1067
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	72.31%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**119.00**			**119.00**	**0.00**	**0.00%**	**72.31%**	
TOU-Off Peak	650	0.128	83.20	650	0.128	83.20	0.00	0.00%		48.27%
TOU-Mid Peak	170	0.128	21.76	170	0.128	21.76	0.00	0.00%		12.62%
TOU-On Peak	180	0.128	23.04	180	0.128	23.04	0.00	0.00%		13.37%
Sub-Total: Energy (RPP TOU)			**128.00**			**128.00**	0.00	0.00%	**77.78%**	**74.26%**
Service Charge	1	25.41	25.41	1	25.96	25.96	0.55	2.16%	15.78%	15.06%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	1,000	0.0304	30.40	1,000	0.0312	31.20	0.80	2.63%	18.96%	18.10%
Volumetric Foregone Revenue Charge	1,000	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	1,000	0.0000	0.00	1,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				1,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**55.81**			**57.16**	**1.35**	**2.42%**	**34.73%**	**33.16%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.35%	0.33%
Line Losses on Cost of Power (based on two-tier RPP prices)	67	0.1190	7.97	67	0.1190	7.97	0.00	0.00%	4.84%	4.63%
Line Losses on Cost of Power (based on TOU prices)	67	0.1280	8.58	67	0.1280	8.58	0.00	0.00%	5.21%	4.98%
Sub-Total: Distribution (based on two-tier RPP prices)			**64.35**			**65.70**	**1.35**	**2.10%**	**39.93%**	**38.12%**
Sub-Total: Distribution (based on TOU prices)			**64.96**			**66.31**	**1.35**	**2.08%**	**40.29%**	**38.47%**
Retail Transmission Rate – Network Service Rate	1,067	0.0070	7.47	1,067	0.0070	7.47	0.00	0.00%	4.54%	4.33%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,067	0.0057	6.08	1,067	0.0057	6.08	0.00	0.00%	3.70%	3.53%
Sub-Total: Retail Transmission			**13.55**			**13.55**	**0.00**	**0.00%**	**8.23%**	**7.86%**
Sub-Total: Delivery (based on two-tier RPP prices)			**77.90**			**79.25**	**1.35**	**1.73%**	**48.16%**	**45.98%**
Sub-Total: Delivery (based on TOU prices)			**78.51**			**79.86**	**1.35**	**1.72%**	**48.53%**	**46.33%**
Wholesale Market Service Rate (WMS) - not including CBR	1,067	0.0030	3.20	1,067	0.0030	3.20	0.00	0.00%	1.95%	1.86%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	1,067	0.0004	0.43	1,067	0.0004	0.43	0.00	0.00%	0.26%	0.25%
Rural Rate Protection Charge	1,067	0.0005	0.53	1,067	0.0005	0.53	0.00	0.00%	0.32%	0.31%
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			**4.41**			**4.41**	**0.00**	**0.00%**	**2.68%**	**2.56%**
Total Electricty Charge on Two-Tier RPP			**201.32**			**202.67**	**1.35**	**0.67%**	**123.15%**	
HST		0.13	26.17		0.13	26.35	0.18	0.67%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**227.49**			**229.01**	**1.53**	**0.67%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-64.02		-0.318	-64.45	-0.43	-0.67%	-39.16%	
Total Amount on Two-Tier RPP			**163.47**			**164.56**	**1.10**	**0.67%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**210.92**			**212.27**	**1.35**	**0.64%**		**123.15%**
HST		0.13	27.42		0.13	27.59	0.18	0.64%		16.01%
Total Electricity Charge on TOU (including HST)			**238.34**			**239.86**	**1.53**	**0.64%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-67.07		-0.318	-67.50	-0.43	-0.64%		-39.16%
Total Amount on TOU			**171.27**			**172.36**	**1.10**	**0.64%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2021 Bill Impacts (Typical Consumption Level) - UGe

Rate Class	UGe
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	2134
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	36.53%	
Energy Second Tier	1,000	0.139	139.00	1,000	0.139	139.00	0.00	0.00%	42.66%	
Sub-Total: Energy (RPP Tiered)			**258.00**			**258.00**	**0.00**	**0.00%**	**79.19%**	
TOU-Off Peak	1,300	0.128	166.40	1,300	0.128	166.40	0.00	0.00%		51.52%
TOU-Mid Peak	340	0.128	43.52	340	0.128	43.52	0.00	0.00%		13.47%
TOU-On Peak	360	0.128	46.08	360	0.128	46.08	0.00	0.00%		14.27%
Sub-Total: Energy (RPP TOU)			**256.00**			**256.00**	0.00	0.00%	**78.58%**	**79.26%**
Service Charge	1	25.41	25.41	1	25.96	25.96	0.55	2.16%	7.97%	8.04%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	2,000	0.0304	60.80	2,000	0.0312	62.40	1.60	2.63%	19.15%	19.32%
Volumetric Foregone Revenue Charge	2,000	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	2,000	0.0000	0.00	2,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				2,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**86.21**			**88.36**	**2.15**	**2.49%**	**27.12%**	**27.36%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.17%	0.18%
Line Losses on Cost of Power (based on two-tier RPP prices)	134	0.1390	18.63	134	0.1390	18.63	0.00	0.00%	5.72%	5.77%
Line Losses on Cost of Power (based on TOU prices)	134	0.1280	17.15	134	0.1280	17.15	0.00	0.00%	5.26%	5.31%
Sub-Total: Distribution (based on two-tier RPP prices)			**105.41**			**107.56**	**2.15**	**2.04%**	**33.01%**	**33.30%**
Sub-Total: Distribution (based on TOU prices)			**103.93**			**106.08**	**2.15**	**2.07%**	**32.56%**	**32.84%**
Retail Transmission Rate – Network Service Rate	2,134	0.0070	14.94	2,134	0.0070	14.94	0.00	0.00%	4.59%	4.63%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,134	0.0057	12.16	2,134	0.0057	12.16	0.00	0.00%	3.73%	3.77%
Sub-Total: Retail Transmission			**27.10**			**27.10**	**0.00**	**0.00%**	**8.32%**	**8.39%**
Sub-Total: Delivery (based on two-tier RPP prices)			**132.51**			**134.66**	**2.15**	**1.62%**	**41.33%**	**41.69%**
Sub-Total: Delivery (based on TOU prices)			**131.03**			**133.18**	**2.15**	**1.64%**	**40.88%**	**41.24%**
Wholesale Market Service Rate (WMS) - not including CBR	2,134	0.0030	6.40	2,134	0.0030	6.40	0.00	0.00%	1.97%	1.98%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	2,134	0.0004	0.85	2,134	0.0004	0.85	0.00	0.00%	0.26%	0.26%
Rural Rate Protection Charge	2,134	0.0005	1.07	2,134	0.0005	1.07	0.00	0.00%	0.33%	0.33%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.08%	0.08%
Sub-Total: Regulatory			**8.57**			**8.57**	**0.00**	**0.00%**	**2.63%**	**2.65%**
Total Electricty Charge on Two-Tier RPP			**399.08**			**401.23**	**2.15**	**0.54%**	**123.15%**	
HST		0.13	51.88		0.13	52.16	0.28	0.54%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**450.96**			**453.39**	**2.43**	**0.54%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-126.91		-0.318	-127.59	-0.68	-0.54%	-39.16%	
Total Amount on Two-Tier RPP			**324.05**			**325.80**	**1.75**	**0.54%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**395.61**			**397.76**	**2.15**	**0.54%**		**123.15%**
HST		0.13	51.43		0.13	51.71	0.28	0.54%		16.01%
Total Electricity Charge on TOU (including HST)			**447.04**			**449.46**	**2.43**	**0.54%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-125.80		-0.318	-126.49	-0.68	-0.54%		-39.16%
Total Amount on TOU			**321.23**			**322.98**	**1.75**	**0.54%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2021 Bill Impacts (High Consumption Level) - UGe

Rate Class	UGe
Monthly Consumption (kWh)	15000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	16005
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	4.94%	
Energy Second Tier	14,000	0.139	1,946.00	14,000	0.139	1,946.00	0.00	0.00%	80.82%	
Sub-Total: Energy (RPP Tiered)			**2,065.00**			**2,065.00**	**0.00**	**0.00%**	**85.77%**	
TOU-Off Peak	9,750	0.128	1,248.00	9,750	0.128	1,248.00	0.00	0.00%		54.71%
TOU-Mid Peak	2,550	0.128	326.40	2,550	0.128	326.40	0.00	0.00%		14.31%
TOU-On Peak	2,700	0.128	345.60	2,700	0.128	345.60	0.00	0.00%		15.15%
Sub-Total: Energy (RPP TOU)			**1,920.00**			**1,920.00**	0.00	0.00%	**79.74%**	**84.17%**
Service Charge	1	25.41	25.41	1	25.96	25.96	0.55	2.16%	1.08%	1.14%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	15,000	0.0304	456.00	15,000	0.0312	468.00	12.00	2.63%	19.44%	20.52%
Volumetric Foregone Revenue Charge	15,000	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	15,000	0.0000	0.00	15,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				15,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**481.41**			**493.96**	**12.55**	**2.61%**	**20.52%**	**21.66%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.02%	0.02%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,005	0.1390	139.70	1,005	0.1390	139.70	0.00	0.00%	5.80%	6.12%
Line Losses on Cost of Power (based on TOU prices)	1,005	0.1280	128.64	1,005	0.1280	128.64	0.00	0.00%	5.34%	5.64%
Sub-Total: Distribution (based on two-tier RPP prices)			**621.68**			**634.23**	**12.55**	**2.02%**	**26.34%**	**27.80%**
Sub-Total: Distribution (based on TOU prices)			**610.62**			**623.17**	**12.55**	**2.06%**	**25.88%**	**27.32%**
Retail Transmission Rate – Network Service Rate	16,005	0.0070	112.04	16,005	0.0070	112.04	0.00	0.00%	4.65%	4.91%
Retail Transmission Rate – Line and Transformation Connection Service Rate	16,005	0.0057	91.23	16,005	0.0057	91.23	0.00	0.00%	3.79%	4.00%
Sub-Total: Retail Transmission			**203.26**			**203.26**	**0.00**	**0.00%**	**8.44%**	**8.91%**
Sub-Total: Delivery (based on two-tier RPP prices)			**824.94**			**837.49**	**12.55**	**1.52%**	**34.78%**	**36.72%**
Sub-Total: Delivery (based on TOU prices)			**813.88**			**826.43**	**12.55**	**1.54%**	**34.32%**	**36.23%**
Wholesale Market Service Rate (WMS) - not including CBR	16,005	0.0030	48.02	16,005	0.0030	48.02	0.00	0.00%	1.99%	2.11%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	16,005	0.0004	6.40	16,005	0.0004	6.40	0.00	0.00%	0.27%	0.28%
Rural Rate Protection Charge	16,005	0.0005	8.00	16,005	0.0005	8.00	0.00	0.00%	0.33%	0.35%
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			**62.67**			**62.67**	**0.00**	**0.00%**	**2.60%**	**2.75%**
Total Electricty Charge on Two-Tier RPP			**2,952.61**			**2,965.16**	**12.55**	**0.43%**	**123.15%**	
HST		0.13	383.84		0.13	385.47	1.63	0.43%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**3,336.45**			**3,350.63**	**14.18**	**0.43%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-938.93		-0.318	-942.92	-3.99	-0.43%	-39.16%	
Total Amount on Two-Tier RPP			**2,397.52**			**2,407.71**	**10.19**	**0.43%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**2,796.55**			**2,809.10**	**12.55**	**0.45%**		**123.15%**
HST		0.13	363.55		0.13	365.18	1.63	0.45%		16.01%
Total Electricity Charge on TOU (including HST)			**3,160.10**			**3,174.29**	**14.18**	**0.45%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-889.30		-0.318	-893.29	-3.99	-0.45%		-39.16%
Total Amount on TOU			**2,270.80**			**2,280.99**	**10.19**	**0.45%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2021 Bill Impacts (Low Consumption Level) - GSd

Rate Class	GSd
Monthly Consumption (kWh)	15,000
Peak (kW)	60
Loss factor	1.061
Load factor	34%
Monthly Consumption (kWh) - Uplifted	15,915
Charge determinant	kW

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy (Non-RPP)*	15,915	0.126	**2,002.11**	15,915	0.126	**2,002.11**	**0.00**	**0.00%**	**50.35%**
Service Charge	1	107.53	107.53	1	109.52	109.52	1.99	1.85%	2.75%
Fixed Foregone Revenue Charge	1	0	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	60	18.2043	1,092.26	60	18.6783	1,120.70	28.44	2.60%	28.18%
Volumetric Foregone Revenue Charge	60	0	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	60	0.0000	0.00	60	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub Account CBR-B)				60	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub-Account Global Adjustment)	15,915	0.0000	0.00	15,915	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				60	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution			**1,199.79**			**1,230.22**	**30.43**	**2.54%**	**30.94%**
Retail Transmission Rate – Network Service Rate	60	2.0421	122.53	60	2.0421	122.53	0.00	0.00%	3.08%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.7006	102.04	60	1.7006	102.04	0.00	0.00%	2.57%
Sub-Total: Retail Transmission			**224.56**			**224.56**	**0.00**	**0.00%**	**5.65%**
Sub-Total: Delivery			**1,424.35**			**1,454.78**	**30.43**	**2.14%**	**36.58%**
Wholesale Market Service Rate (WMS) - not including CBR	15,915	0.0030	47.75	15,915	0.0030	47.75	0.00	0.00%	1.20%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	15,915	0.0004	6.37	15,915	0.0004	6.37	0.00	0.00%	0.16%
Rural Rate Protection Charge	15,915	0.0005	7.96	15,915	0.0005	7.96	0.00	0.00%	0.20%
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			**62.32**			**62.32**	**0.00**	**0.00%**	**1.57%**
Total Electricity Charge (before HST)			**3,488.78**			**3,519.21**	**30.43**	**0.87%**	**88.50%**
HST		0.13	453.54		0.13	457.50	3.96	0.87%	11.50%
Total Electricity Charge (including HST)			**3,942.32**			**3,976.70**	**34.39**	**0.87%**	**100.00%**
Ontario Rebate for Electricity Consumers (OREC)		0.00	0.00		0.00	0.00	0.00	N/A	0.00%
Total Amount			**3,942.32**			**3,976.70**	**34.39**	**0.87%**	**100.00%**

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2021 Bill Impacts (Average Consumption Level) - GSd

Rate Class	GSd
Monthly Consumption (kWh)	36,104
Peak (kW)	124
Loss factor	1.061
Load factor	40%
Monthly Consumption (kWh) - Uplifted	38,306
Charge determinant	kW

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy (Non-RPP)*	38,306	0.126	**4,818.94**	38,306	0.126	**4,818.94**	**0.00**	**0.00%**	**54.27%**
Service Charge	1	107.53	107.53	1	109.52	109.52	1.99	1.85%	1.23%
Fixed Foregone Revenue Charge	1	0	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	124	18.2043	2,257.33	124	18.6783	2,316.11	58.78	2.60%	26.08%
Volumetric Foregone Revenue Charge	124	0	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	124	0.0000	0.00	124	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub Account CBR-B)				124	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub-Account Global Adjustment)	38,306	0.0000	0.00	38,306	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				124	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution			**2,364.86**			**2,425.63**	**60.77**	**2.57%**	**27.32%**
Retail Transmission Rate – Network Service Rate	124	2.0421	253.22	124	2.0421	253.22	0.00	0.00%	2.85%
Retail Transmission Rate – Line and Transformation Connection Service Rate	124	1.7006	210.87	124	1.7006	210.87	0.00	0.00%	2.37%
Sub-Total: Retail Transmission			**464.09**			**464.09**	**0.00**	**0.00%**	**5.23%**
Sub-Total: Delivery			**2,828.96**			**2,889.72**	**60.77**	**2.15%**	**32.54%**
Wholesale Market Service Rate (WMS) - not including CBR	38,306	0.0030	114.92	38,306	0.0030	114.92	0.00	0.00%	1.29%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	38,306	0.0004	15.32	38,306	0.0004	15.32	0.00	0.00%	0.17%
Rural Rate Protection Charge	38,306	0.0005	19.15	38,306	0.0005	19.15	0.00	0.00%	0.22%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
Sub-Total: Regulatory			**149.64**			**149.64**	**0.00**	**0.00%**	**1.69%**
Total Electricity Charge (before HST)			**7,797.54**			**7,858.31**	**60.77**	**0.78%**	**88.50%**
HST		0.13	1,013.68		0.13	1,021.58	7.90	0.78%	11.50%
Total Electricity Charge (including HST)			**8,811.22**			**8,879.89**	**68.67**	**0.78%**	**100.00%**
Ontario Rebate for Electricity Consumers (OREC)		0.00	0.00		0.00	0.00	0.00	N/A	0.00%
Total Amount			**8,811.22**			**8,879.89**	**68.67**	**0.78%**	**100.00%**

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2021 Bill Impacts (High Consumption Level) - GSd

Rate Class	GSd
Monthly Consumption (kWh)	175,000
Peak (kW)	500
Loss factor	1.061
Load factor	48%
Monthly Consumption (kWh) - Uplifted	185,675
Charge determinant	kW

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy (Non-RPP)*	185,675	0.126	**23,357.92**	185,675	0.126	**23,357.92**	**0.00**	**0.00%**	**58.39%**
Service Charge	1	107.53	107.53	1	109.52	109.52	1.99	1.85%	0.27%
Fixed Foregone Revenue Charge	1	0	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	500	18.2043	9,102.15	500	18.6783	9,339.15	237.00	2.60%	23.35%
Volumetric Foregone Revenue Charge	500	0	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	500	0.0000	0.00	500	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub Account CBR-B)				500	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub-Account Global Adjustment)	185,675	0.0000	0.00	185,675	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				500	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution			**9,209.68**			**9,448.67**	**238.99**	**2.59%**	**23.62%**
Retail Transmission Rate – Network Service Rate	500	2.0421	1,021.05	500	2.0421	1,021.05	0.00	0.00%	2.55%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.7006	850.30	500	1.7006	850.30	0.00	0.00%	2.13%
Sub-Total: Retail Transmission			**1,871.35**			**1,871.35**	**0.00**	**0.00%**	**4.68%**
Sub-Total: Delivery			**11,081.03**			**11,320.02**	**238.99**	**2.16%**	**28.30%**
Wholesale Market Service Rate (WMS) - not including CBR	185,675	0.0030	557.03	185,675	0.0030	557.03	0.00	0.00%	1.39%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	185,675	0.0004	74.27	185,675	0.0004	74.27	0.00	0.00%	0.19%
Rural Rate Protection Charge	185,675	0.0005	92.84	185,675	0.0005	92.84	0.00	0.00%	0.23%
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			**724.38**			**724.38**	**0.00**	**0.00%**	**1.81%**
Total Electricity Charge (before HST)			**35,163.33**			**35,402.32**	**238.99**	**0.68%**	**88.50%**
HST		0.13	4,571.23		0.13	4,602.30	31.07	0.68%	11.50%
Total Electricity Charge (including HST)			**39,734.56**			**40,004.62**	**270.06**	**0.68%**	**100.00%**
Ontario Rebate for Electricity Consumers (OREC)		0.00	0.00		0.00	0.00	0.00	N/A	0.00%
Total Amount			**39,734.56**			**40,004.62**	**270.06**	**0.68%**	**100.00%**

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2021 Bill Impacts (Low Consumption Level) - UGd

Rate Class	UGd
Monthly Consumption (kWh)	15,000
Peak (kW)	60
Loss factor	1.050
Load factor	34%
Monthly Consumption (kWh) - Uplifted	15,750
Charge determinant	kW

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy (Non-RPP)*	15,750	0.126	**1,981.35**	15,750	0.126	**1,981.35**	**0.00**	**0.00%**	**56.99%**
Service Charge	1	99.51	99.51	1	100.96	100.96	1.45	1.46%	2.90%
Fixed Foregone Revenue Charge	1	0	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	60	10.488	629.28	60	10.7662	645.97	16.69	2.65%	18.58%
Volumetric Foregone Revenue Charge	60	0	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	60	0.0000	0.00	60	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub Account CBR-B)				60	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub-Account Global Adjustment)	15,750	0.0000	0.00	15,750	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				60	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution			**728.79**			**746.93**	**18.14**	**2.49%**	**21.48%**
Retail Transmission Rate – Network Service Rate	60	2.6172	157.03	60	2.6172	157.03	0.00	0.00%	4.52%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	2.1608	129.65	60	2.1608	129.65	0.00	0.00%	3.73%
Sub-Total: Retail Transmission			**286.68**			**286.68**	**0.00**	**0.00%**	**8.25%**
Sub-Total: Delivery			**1,015.47**			**1,033.61**	**18.14**	**1.79%**	**29.73%**
Wholesale Market Service Rate (WMS) - not including CBR	15,750	0.0030	47.25	15,750	0.0030	47.25	0.00	0.00%	1.36%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	15,750	0.0004	6.30	15,750	0.0004	6.30	0.00	0.00%	0.18%
Rural Rate Protection Charge	15,750	0.0005	7.88	15,750	0.0005	7.88	0.00	0.00%	0.23%
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			**61.68**			**61.68**	**0.00**	**0.00%**	**1.77%**
Total Electricity Charge (before HST)			**3,058.50**			**3,076.64**	**18.14**	**0.59%**	**88.50%**
HST		0.13	397.60		0.13	399.96	2.36	0.59%	11.50%
Total Electricity Charge (including HST)			**3,456.10**			**3,476.60**	**20.50**	**0.59%**	**100.00%**
Ontario Rebate for Electricity Consumers (OREC)		0.00	0.00		0.00	0.00	0.00	N/A	0.00%
Total Amount			**3,456.10**			**3,476.60**	**20.50**	**0.59%**	**100.00%**

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2021 Bill Impacts (Average Consumption Level) - UGd

Rate Class	UGd
Monthly Consumption (kWh)	50,525
Peak (kW)	135
Loss factor	1.050
Load factor	51%
Monthly Consumption (kWh) - Uplifted	53,051
Charge determinant	kW

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy (Non-RPP)*	53,051	0.126	**6,673.85**	53,051	0.126	**6,673.85**	**0.00**	**0.00%**	**65.04%**
Service Charge	1	99.51	99.51	1	100.96	100.96	1.45	1.46%	0.98%
Fixed Foregone Revenue Charge	1	0	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	135	10.488	1,415.88	135	10.7662	1,453.44	37.56	2.65%	14.16%
Volumetric Foregone Revenue Charge	135	0	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	135	0.0000	0.00	135	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub Account CBR-B)				135	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub-Account Global Adjustment)	53,051	0.0000	0.00	53,051	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				135	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution			**1,515.39**			**1,554.40**	**39.01**	**2.57%**	**15.15%**
Retail Transmission Rate – Network Service Rate	135	2.6172	353.32	135	2.6172	353.32	0.00	0.00%	3.44%
Retail Transmission Rate – Line and Transformation Connection Service Rate	135	2.1608	291.71	135	2.1608	291.71	0.00	0.00%	2.84%
Sub-Total: Retail Transmission			**645.03**			**645.03**	**0.00**	**0.00%**	**6.29%**
Sub-Total: Delivery			**2,160.42**			**2,199.43**	**39.01**	**1.81%**	**21.44%**
Wholesale Market Service Rate (WMS) - not including CBR	53,051	0.0030	159.15	53,051	0.0030	159.15	0.00	0.00%	1.55%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	53,051	0.0004	21.22	53,051	0.0004	21.22	0.00	0.00%	0.21%
Rural Rate Protection Charge	53,051	0.0005	26.53	53,051	0.0005	26.53	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%	0.00%
Sub-Total: Regulatory			**207.15**			**207.15**	**0.00**	**0.00%**	**2.02%**
Total Electricity Charge (before HST)			**9,041.42**			**9,080.42**	**39.01**	**0.43%**	**88.50%**
HST		0.13	1,175.38		0.13	1,180.46	5.07	0.43%	11.50%
Total Electricity Charge (including HST)			**10,216.80**			**10,260.88**	**44.08**	**0.43%**	**100.00%**
Ontario Rebate for Electricity Consumers (OREC)		0.00	0.00		0.00	0.00	0.00	N/A	0.00%
Total Amount			**10,216.80**			**10,260.88**	**44.08**	**0.43%**	**100.00%**

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2021 Bill Impacts (High Consumption Level) - UGd

Rate Class	UGd
Monthly Consumption (kWh)	175,000
Peak (kW)	500
Loss factor	1.050
Load factor	48%
Monthly Consumption (kWh) - Uplifted	183,750
Charge determinant	kW

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy (Non-RPP)*	183,750	0.126	**23,115.75**	183,750	0.126	**23,115.75**	**0.00**	**0.00%**	**64.52%**
Service Charge	1	99.51	99.51	1	100.96	100.96	1.45	1.46%	0.28%
Fixed Foregone Revenue Charge	1	0	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	500	10.488	5,244.00	500	10.7662	5,383.10	139.10	2.65%	15.03%
Volumetric Foregone Revenue Charge	500	0	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	500	0.0000	0.00	500	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub Account CBR-B)				500	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub-Account Global Adjustment)	183,750	0.0000	0.00	183,750	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				500	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution			**5,343.51**			**5,484.06**	**140.55**	**2.63%**	**15.31%**
Retail Transmission Rate – Network Service Rate	500	2.6172	1,308.60	500	2.6172	1,308.60	0.00	0.00%	3.65%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	2.1608	1,080.40	500	2.1608	1,080.40	0.00	0.00%	3.02%
Sub-Total: Retail Transmission			**2,389.00**			**2,389.00**	**0.00**	**0.00%**	**6.67%**
Sub-Total: Delivery			**7,732.51**			**7,873.06**	**140.55**	**1.82%**	**21.97%**
Wholesale Market Service Rate (WMS) - not including CBR	183,750	0.0030	551.25	183,750	0.0030	551.25	0.00	0.00%	1.54%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	183,750	0.0004	73.50	183,750	0.0004	73.50	0.00	0.00%	0.21%
Rural Rate Protection Charge	183,750	0.0005	91.88	183,750	0.0005	91.88	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%	0.00%
Sub-Total: Regulatory			**716.88**			**716.88**	**0.00**	**0.00%**	**2.00%**
Total Electricity Charge (before HST)			**31,565.14**			**31,705.69**	**140.55**	**0.45%**	**88.50%**
HST		0.13	4,103.47		0.13	4,121.74	18.27	0.45%	11.50%
Total Electricity Charge (including HST)			**35,668.60**			**35,827.42**	**158.82**	**0.45%**	**100.00%**
Ontario Rebate for Electricity Consumers (OREC)		0.00	0.00		0.00	0.00	0.00	N/A	0.00%
Total Amount			**35,668.60**			**35,827.42**	**158.82**	**0.45%**	**100.00%**

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2021 Bill Impacts (Low Consumption Level) - St Lgt

Rate Class	St Lgt
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	109
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP
Energy First Tier	100	0.119	11.90	100	0.119	11.90	0.00	0.00%	50.29%
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%
Sub-Total: Energy (RPP Tiered)			**11.90**			**11.90**	**0.00**	**0.00%**	**50.29%**
Service Charge	1	3.48	3.48	1	3.57	3.57	0.09	2.59%	15.09%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				0	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	100	0.1064	10.64	100	0.109	10.92	0.28	2.63%	46.15%
Volumetric Foregone Revenue Charge	100	0.0000	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	100	0.0000	0.00	100	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				100	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution (excluding pass through)			**14.12**			**14.49**	**0.37**	**2.62%**	**61.23%**
Line Losses on Cost of Power (based on two-tier RPP prices)	9	0.1190	1.09	9	0.1190	1.09	0.00	0.00%	4.63%
Sub-Total: Distribution (based on two-tier RPP prices)			**15.21**			**15.58**	**0.37**	**2.43%**	**65.86%**
Retail Transmission Rate – Network Service Rate	109	0.0054	0.59	109	0.0054	0.59	0.00	0.00%	2.49%
Retail Transmission Rate – Line and Transformation Connection Service Rate	109	0.0036	0.39	109	0.0036	0.39	0.00	0.00%	1.66%
Sub-Total: Retail Transmission			**0.98**			**0.98**	**0.00**	**0.00%**	**4.15%**
Sub-Total: Delivery (based on two-tier RPP prices)			**16.20**			**16.57**	**0.37**	**2.28%**	**70.01%**
Wholesale Market Service Rate (WMS) - not including CBR	109	0.0030	0.33	109	0.0030	0.33	0.00	0.00%	1.38%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	109	0.0004	0.04	109	0.0004	0.04	0.00	0.00%	0.18%
Rural Rate Protection Charge	109	0.0005	0.05	109	0.0005	0.05	0.00	0.00%	0.23%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	1.06%
Sub-Total: Regulatory			**0.68**			**0.68**	**0.00**	**0.00%**	**2.86%**
Total Electricty Charge on Two-Tier RPP			**28.77**			**29.14**	**0.37**	**1.29%**	**123.15%**
HST		0.13	3.74		0.13	3.79	0.05	1.29%	16.01%
Total Electricity Charge on Two-Tier RPP (including HST)			**32.51**			**32.93**	**0.42**	**1.29%**	**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-9.15		-0.318	-9.27	-0.12	-1.29%	-39.16%
Total Amount on Two-Tier RPP			**23.36**			**23.66**	**0.30**	**1.29%**	**100.00%**

2021 Bill Impacts (Average Consumption Level) - St Lgt

Rate Class	St Lgt
Monthly Consumption (kWh)	517
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	565
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP
Energy First Tier	517	0.119	61.52	517	0.119	61.52	0.00	0.00%	56.23%
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%
Sub-Total: Energy (RPP Tiered)			**61.52**			**61.52**	**0.00**	**0.00%**	**56.23%**
Service Charge	1	3.48	3.48	1	3.57	3.57	0.09	2.59%	3.26%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				0	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	517	0.1064	55.01	517	0.109	56.46	1.45	2.63%	51.60%
Volumetric Foregone Revenue Charge	517	0.0000	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	517	0.0000	0.00	517	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				517	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution (excluding pass through)			**58.49**			**60.03**	**1.54**	**2.63%**	**54.86%**
Line Losses on Cost of Power (based on two-tier RPP prices)	48	0.1190	5.66	48	0.1190	5.66	0.00	0.00%	5.17%
Sub-Total: Distribution (based on two-tier RPP prices)			**64.15**			**65.69**	**1.54**	**2.40%**	**60.04%**
Retail Transmission Rate – Network Service Rate	565	0.0054	3.05	565	0.0054	3.05	0.00	0.00%	2.79%
Retail Transmission Rate – Line and Transformation Connection Service Rate	565	0.0036	2.03	565	0.0036	2.03	0.00	0.00%	1.86%
Sub-Total: Retail Transmission			**5.08**			**5.08**	**0.00**	**0.00%**	**4.64%**
Sub-Total: Delivery (based on two-tier RPP prices)			**69.23**			**70.77**	**1.54**	**2.22%**	**64.68%**
Wholesale Market Service Rate (WMS) - not including CBR	565	0.0030	1.69	565	0.0030	1.69	0.00	0.00%	1.55%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	565	0.0004	0.23	565	0.0004	0.23	0.00	0.00%	0.21%
Rural Rate Protection Charge	565	0.0005	0.28	565	0.0005	0.28	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%	0.23%
Sub-Total: Regulatory			**2.45**			**2.45**	**0.00**	**0.00%**	**2.24%**
Total Electricty Charge on Two-Tier RPP			**133.20**			**134.74**	**1.54**	**1.15%**	**123.15%**
HST		0.13	17.32		0.13	17.52	0.20	1.15%	16.01%
Total Electricity Charge on Two-Tier RPP (including HST)			**150.52**			**152.26**	**1.74**	**1.15%**	**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-42.36		-0.318	-42.85	-0.49	-1.15%	-39.16%
Total Amount on Two-Tier RPP			**108.16**			**109.41**	**1.25**	**1.15%**	**100.00%**

2021 Bill Impacts (High Consumption Level) - St Lgt

Rate Class	St Lgt
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	2184
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	27.45%
Energy Second Tier	1,000	0.139	139.00	1,000	0.139	139.00	0.00	0.00%	32.06%
Sub-Total: Energy (RPP Tiered)			**258.00**			**258.00**	**0.00**	**0.00%**	**59.50%**
Service Charge	1	3.48	3.48	1	3.57	3.57	0.09	2.59%	0.82%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				0	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	2,000	0.1064	212.80	2,000	0.109	218.40	5.60	2.63%	50.37%
Volumetric Foregone Revenue Charge	2,000	0.0000	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	2,000	0.0000	0.00	2,000	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				2,000	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution (excluding pass through)			**216.28**			**221.97**	**5.69**	**2.63%**	**51.19%**
Line Losses on Cost of Power (based on two-tier RPP prices)	184	0.1390	25.58	184	0.1390	25.58	0.00	0.00%	5.90%
Sub-Total: Distribution (based on two-tier RPP prices)			**241.86**			**247.55**	**5.69**	**2.35%**	**57.09%**
Retail Transmission Rate – Network Service Rate	2,184	0.0054	11.79	2,184	0.0054	11.79	0.00	0.00%	2.72%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,184	0.0036	7.86	2,184	0.0036	7.86	0.00	0.00%	1.81%
Sub-Total: Retail Transmission			**19.66**			**19.66**	**0.00**	**0.00%**	**4.53%**
Sub-Total: Delivery (based on two-tier RPP prices)			**261.51**			**267.20**	**5.69**	**2.18%**	**61.63%**
Wholesale Market Service Rate (WMS) - not including CBR	2,184	0.0030	6.55	2,184	0.0030	6.55	0.00	0.00%	1.51%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	2,184	0.0004	0.87	2,184	0.0004	0.87	0.00	0.00%	0.20%
Rural Rate Protection Charge	2,184	0.0005	1.09	2,184	0.0005	1.09	0.00	0.00%	0.25%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%
Sub-Total: Regulatory			**8.77**			**8.77**	**0.00**	**0.00%**	**2.02%**
Total Electricty Charge on Two-Tier RPP			**528.28**			**533.97**	**5.69**	**1.08%**	**123.15%**
HST		0.13	68.68		0.13	69.42	0.74	1.08%	16.01%
Total Electricity Charge on Two-Tier RPP (including HST)			**596.96**			**603.39**	**6.43**	**1.08%**	**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-167.99		-0.318	-169.80	-1.81	-1.08%	-39.16%
Total Amount on Two-Tier RPP			**428.96**			**433.58**	**4.62**	**1.08%**	**100.00%**

2021 Bill Impacts (Low Consumption Level) - Sen Lgt

Rate Class	Sen Lgt
Monthly Consumption (kWh)	20
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	22
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP
Energy First Tier	20	0.119	2.38	20	0.119	2.38	0.00	0.00%	31.41%
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%
Sub-Total: Energy (RPP Tiered)			**2.38**			**2.38**	**0.00**	**0.00%**	**31.41%**
Service Charge	1	2.82	2.82	1	2.97	2.97	0.15	5.32%	39.19%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				0	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	20	0.1534	3.07	20	0.162	3.23	0.16	5.28%	42.62%
Volumetric Foregone Revenue Charge	20	0.0000	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	20	0.0000	0.00	20	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				20	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution (excluding pass through)			**5.89**			**6.20**	**0.31**	**5.30%**	**81.81%**
Line Losses on Cost of Power (based on two-tier RPP prices)	2	0.1190	0.22	2	0.1190	0.22	0.00	0.00%	2.89%
Sub-Total: Distribution (based on two-tier RPP prices)			**6.11**			**6.42**	**0.31**	**5.11%**	**84.70%**
Retail Transmission Rate – Network Service Rate	22	0.0054	0.12	22	0.0054	0.12	0.00	0.00%	1.56%
Retail Transmission Rate – Line and Transformation Connection Service Rate	22	0.0037	0.08	22	0.0037	0.08	0.00	0.00%	1.07%
Sub-Total: Retail Transmission			**0.20**			**0.20**	**0.00**	**0.00%**	**2.62%**
Sub-Total: Delivery (based on two-tier RPP prices)			**6.31**			**6.62**	**0.31**	**4.95%**	**87.32%**
Wholesale Market Service Rate (WMS) - not including CBR	22	0.0030	0.07	22	0.0030	0.07	0.00	0.00%	0.86%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	22	0.0004	0.01	22	0.0004	0.01	0.00	0.00%	0.12%
Rural Rate Protection Charge	22	0.0005	0.01	22	0.0005	0.01	0.00	0.00%	0.14%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	3.30%
Sub-Total: Regulatory			**0.34**			**0.34**	**0.00**	**0.00%**	**4.42%**
Total Electricty Charge on Two-Tier RPP			**9.02**			**9.33**	**0.31**	**3.46%**	**123.15%**
HST		0.13	1.17		0.13	1.21	0.04	3.46%	16.01%
Total Electricity Charge on Two-Tier RPP (including HST)			**10.19**			**10.55**	**0.35**	**3.46%**	**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-2.87		-0.318	-2.97	-0.10	-3.46%	-39.16%
Total Amount on Two-Tier RPP			**7.32**			**7.58**	**0.25**	**3.46%**	**100.00%**

2021 Bill Impacts (Average Consumption Level) - Sen Lgt

Rate Class	Sen Lgt
Monthly Consumption (kWh)	71
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	78
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP
Energy First Tier	71	0.119	8.45	71	0.119	8.45	0.00	0.00%	41.75%
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%
Sub-Total: Energy (RPP Tiered)			**8.45**			**8.45**	**0.00**	**0.00%**	**41.75%**
Service Charge	1	2.82	2.82	1	2.97	2.97	0.15	5.32%	14.68%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				0	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	71	0.1534	10.89	71	0.162	11.47	0.58	5.28%	56.66%
Volumetric Foregone Revenue Charge	71	0.0000	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	71	0.0000	0.00	71	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				71	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution (excluding pass through)			**13.71**			**14.44**	**0.73**	**5.29%**	**71.34%**
Line Losses on Cost of Power (based on two-tier RPP prices)	7	0.1190	0.78	7	0.1190	0.78	0.00	0.00%	3.84%
Sub-Total: Distribution (based on two-tier RPP prices)			**14.49**			**15.21**	**0.73**	**5.00%**	**75.18%**
Retail Transmission Rate – Network Service Rate	78	0.0054	0.42	78	0.0054	0.42	0.00	0.00%	2.07%
Retail Transmission Rate – Line and Transformation Connection Service Rate	78	0.0037	0.29	78	0.0037	0.29	0.00	0.00%	1.42%
Sub-Total: Retail Transmission			**0.71**			**0.71**	**0.00**	**0.00%**	**3.49%**
Sub-Total: Delivery (based on two-tier RPP prices)			**15.19**			**15.92**	**0.73**	**4.77%**	**78.67%**
Wholesale Market Service Rate (WMS) - not including CBR	78	0.0030	0.23	78	0.0030	0.23	0.00	0.00%	1.15%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	78	0.0004	0.03	78	0.0004	0.03	0.00	0.00%	0.15%
Rural Rate Protection Charge	78	0.0005	0.04	78	0.0005	0.04	0.00	0.00%	0.19%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	1.24%
Sub-Total: Regulatory			**0.55**			**0.55**	**0.00**	**0.00%**	**2.73%**
Total Electricty Charge on Two-Tier RPP			**24.20**			**24.92**	**0.73**	**3.00%**	**123.15%**
HST		0.13	3.15		0.13	3.24	0.09	3.00%	16.01%
Total Electricity Charge on Two-Tier RPP (including HST)			**27.34**			**28.16**	**0.82**	**3.00%**	**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-7.69		-0.318	-7.92	-0.23	-3.00%	-39.16%
Total Amount on Two-Tier RPP			**19.65**			**20.24**	**0.59**	**3.00%**	**100.00%**

2021 Bill Impacts (High Consumption Level) - Sen Lgt

Rate Class	Sen Lgt
Monthly Consumption (kWh)	200
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	218
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP
Energy First Tier	200	0.119	23.80	200	0.119	23.80	0.00	0.00%	45.55%
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%
Sub-Total: Energy (RPP Tiered)			**23.80**			**23.80**	**0.00**	**0.00%**	**45.55%**
Service Charge	1	2.82	2.82	1	2.97	2.97	0.15	5.32%	5.68%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				0	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	200	0.1534	30.68	200	0.162	32.30	1.62	5.28%	61.82%
Volumetric Foregone Revenue Charge	200	0.0000	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	200	0.0000	0.00	200	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				200	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution (excluding pass through)			**33.50**			**35.27**	**1.77**	**5.28%**	**67.50%**
Line Losses on Cost of Power (based on two-tier RPP prices)	18	0.1190	2.19	18	0.1190	2.19	0.00	0.00%	4.19%
Sub-Total: Distribution (based on two-tier RPP prices)			**35.69**			**37.46**	**1.77**	**4.96%**	**71.69%**
Retail Transmission Rate – Network Service Rate	218	0.0054	1.18	218	0.0054	1.18	0.00	0.00%	2.26%
Retail Transmission Rate – Line and Transformation Connection Service Rate	218	0.0037	0.81	218	0.0037	0.81	0.00	0.00%	1.55%
Sub-Total: Retail Transmission			**1.99**			**1.99**	**0.00**	**0.00%**	**3.80%**
Sub-Total: Delivery (based on two-tier RPP prices)			**37.68**			**39.45**	**1.77**	**4.70%**	**75.49%**
Wholesale Market Service Rate (WMS) - not including CBR	218	0.0030	0.66	218	0.0030	0.66	0.00	0.00%	1.25%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	218	0.0004	0.09	218	0.0004	0.09	0.00	0.00%	0.17%
Rural Rate Protection Charge	218	0.0005	0.11	218	0.0005	0.11	0.00	0.00%	0.21%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.48%
Sub-Total: Regulatory			**1.10**			**1.10**	**0.00**	**0.00%**	**2.11%**
Total Electricty Charge on Two-Tier RPP			**62.58**			**64.35**	**1.77**	**2.83%**	**123.15%**
HST		0.13	8.14		0.13	8.37	0.23	2.83%	16.01%
Total Electricity Charge on Two-Tier RPP (including HST)			**70.71**			**72.71**	**2.00**	**2.83%**	**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-19.90		-0.318	-20.46	-0.56	-2.83%	-39.16%
Total Amount on Two-Tier RPP			**50.81**			**52.25**	**1.44**	**2.83%**	**100.00%**

2021 Bill Impacts (Low Consumption Level) - USL

Rate Class	USL
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	109
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP
Energy First Tier	100	0.119	11.90	100	0.119	11.90	0.00	0.00%	26.34%
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%
Sub-Total: Energy (RPP Tiered)			**11.90**			**11.90**	**0.00**	**0.00%**	**26.34%**
Service Charge	1	37.32	37.32	1	38.33	38.33	1.01	2.71%	84.83%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				0	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	100	0.0250	2.50	100	0.026	2.55	0.05	2.00%	5.64%
Volumetric Foregone Revenue Charge	100	0.0000	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	100	0.0000	0.00	100	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				100	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution (excluding pass through)			**39.82**			**40.88**	**1.06**	**2.66%**	**90.48%**
Line Losses on Cost of Power (based on two-tier RPP prices)	9	0.1190	1.09	9	0.1190	1.09	0.00	0.00%	2.42%
Sub-Total: Distribution (based on two-tier RPP prices)			**40.91**			**41.97**	**1.06**	**2.59%**	**92.90%**
Retail Transmission Rate – Network Service Rate	109	0.0054	0.59	109	0.0054	0.59	0.00	0.00%	1.31%
Retail Transmission Rate – Line and Transformation Connection Service Rate	109	0.0046	0.50	109	0.0046	0.50	0.00	0.00%	1.11%
Sub-Total: Retail Transmission			**1.09**			**1.09**	**0.00**	**0.00%**	**2.42%**
Sub-Total: Delivery (based on two-tier RPP prices)			**42.01**			**43.07**	**1.06**	**2.52%**	**95.32%**
Wholesale Market Service Rate (WMS) - not including CBR	109	0.0030	0.33	109	0.0030	0.33	0.00	0.00%	0.73%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	109	0.0004	0.04	109	0.0004	0.04	0.00	0.00%	0.10%
Rural Rate Protection Charge	109	0.0005	0.05	109	0.0005	0.05	0.00	0.00%	0.12%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.55%
Sub-Total: Regulatory			**0.68**			**0.68**	**0.00**	**0.00%**	**1.50%**
Total Electricty Charge on Two-Tier RPP			**54.58**			**55.64**	**1.06**	**1.94%**	**123.15%**
HST		0.13	7.10		0.13	7.23	0.14	1.94%	16.01%
Total Electricity Charge on Two-Tier RPP (including HST)			**61.68**			**62.88**	**1.20**	**1.94%**	**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-17.36		-0.318	-17.69	-0.34	-1.94%	-39.16%
Total Amount on Two-Tier RPP			**44.32**			**45.18**	**0.86**	**1.94%**	**100.00%**

2021 Bill Impacts (Average Consumption Level) - USL

Rate Class	USL
Monthly Consumption (kWh)	364
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	397
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP
Energy First Tier	364	0.119	43.32	364	0.119	43.32	0.00	0.00%	52.98%
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%
Sub-Total: Energy (RPP Tiered)			**43.32**			**43.32**	**0.00**	**0.00%**	**52.98%**
Service Charge	1	37.32	37.32	1	38.33	38.33	1.01	2.71%	46.88%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				0	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	364	0.0250	9.10	364	0.026	9.28	0.18	2.00%	11.35%
Volumetric Foregone Revenue Charge	364	0.0000	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	364	0.0000	0.00	364	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				364	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution (excluding pass through)			**46.42**			**47.61**	**1.19**	**2.57%**	**58.23%**
Line Losses on Cost of Power (based on two-tier RPP prices)	33	0.1190	3.99	33	0.1190	3.99	0.00	0.00%	4.87%
Sub-Total: Distribution (based on two-tier RPP prices)			**50.41**			**51.60**	**1.19**	**2.36%**	**63.11%**
Retail Transmission Rate – Network Service Rate	397	0.0054	2.15	397	0.0054	2.15	0.00	0.00%	2.63%
Retail Transmission Rate – Line and Transformation Connection Service Rate	397	0.0046	1.83	397	0.0046	1.83	0.00	0.00%	2.24%
Sub-Total: Retail Transmission			**3.97**			**3.97**	**0.00**	**0.00%**	**4.86%**
Sub-Total: Delivery (based on two-tier RPP prices)			**54.38**			**55.57**	**1.19**	**2.19%**	**67.97%**
Wholesale Market Service Rate (WMS) - not including CBR	397	0.0030	1.19	397	0.0030	1.19	0.00	0.00%	1.46%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	397	0.0004	0.16	397	0.0004	0.16	0.00	0.00%	0.19%
Rural Rate Protection Charge	397	0.0005	0.20	397	0.0005	0.20	0.00	0.00%	0.24%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.31%
Sub-Total: Regulatory			**1.80**			**1.80**	**0.00**	**0.00%**	**2.20%**
Total Electricty Charge on Two-Tier RPP			**99.50**			**100.69**	**1.19**	**1.20%**	**123.15%**
HST		0.13	12.93		0.13	13.09	0.15	1.20%	16.01%
Total Electricity Charge on Two-Tier RPP (including HST)			**112.43**			**113.78**	**1.35**	**1.20%**	**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-31.64		-0.318	-32.02	-0.38	-1.20%	-39.16%
Total Amount on Two-Tier RPP			**80.79**			**81.76**	**0.97**	**1.20%**	**100.00%**

2021 Bill Impacts (High Consumption Level) - USL

Rate Class	USL
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	1092
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	70.05%
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%
Sub-Total: Energy (RPP Tiered)			**119.00**			**119.00**	**0.00**	**0.00%**	**70.05%**
Service Charge	1	37.32	37.32	1	38.33	38.33	1.01	2.71%	22.56%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				0	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	1,000	0.0250	25.00	1,000	0.026	25.50	0.50	2.00%	15.01%
Volumetric Foregone Revenue Charge	1,000	0.0000	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	1,000	0.0000	0.00	1,000	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				1,000	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution (excluding pass through)			**62.32**			**63.83**	**1.51**	**2.42%**	**37.57%**
Line Losses on Cost of Power (based on two-tier RPP prices)	92	0.1190	10.95	92	0.1190	10.95	0.00	0.00%	6.44%
Sub-Total: Distribution (based on two-tier RPP prices)			**73.27**			**74.78**	**1.51**	**2.06%**	**44.02%**
Retail Transmission Rate – Network Service Rate	1,092	0.0054	5.90	1,092	0.0054	5.90	0.00	0.00%	3.47%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,092	0.0046	5.02	1,092	0.0046	5.02	0.00	0.00%	2.96%
Sub-Total: Retail Transmission			**10.92**			**10.92**	**0.00**	**0.00%**	**6.43%**
Sub-Total: Delivery (based on two-tier RPP prices)			**84.19**			**85.70**	**1.51**	**1.79%**	**50.45%**
Wholesale Market Service Rate (WMS) - not including CBR	1,092	0.0030	3.28	1,092	0.0030	3.28	0.00	0.00%	1.93%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	1,092	0.0004	0.44	1,092	0.0004	0.44	0.00	0.00%	0.26%
Rural Rate Protection Charge	1,092	0.0005	0.55	1,092	0.0005	0.55	0.00	0.00%	0.32%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.15%
Sub-Total: Regulatory			**4.51**			**4.51**	**0.00**	**0.00%**	**2.65%**
Total Electricty Charge on Two-Tier RPP			**207.70**			**209.21**	**1.51**	**0.73%**	**123.15%**
HST		0.13	27.00		0.13	27.20	0.20	0.73%	16.01%
Total Electricity Charge on Two-Tier RPP (including HST)			**234.70**			**236.40**	**1.71**	**0.73%**	**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-66.05		-0.318	-66.53	-0.48	-0.73%	-39.16%
Total Amount on Two-Tier RPP			**168.65**			**169.88**	**1.23**	**0.73%**	**100.00%**

2021 Bill Impacts (Low Consumption Level) - Dgen

Rate Class	Dgen
Monthly Consumption (kWh)	300
Peak (kW)	10
Loss factor	1.061
Load factor	4%
Monthly Consumption (kWh) - Uplifted	318
Charge determinant	kW

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy (Non-RPP)*	318	0.126	**40.04**	318	0.126	**40.04**	**0.00**	**0.00%**	**9.88%**
Service Charge	1	194.19	194.19	1	196.71	196.71	2.52	1.30%	48.55%
Fixed Foregone Revenue Charge	1	0	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	10	9.7488	97.49	10	10.2129	102.13	4.64	4.76%	25.20%
Volumetric Foregone Revenue Charge	10	0	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	10	0.0000	0.00	10	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub Account CBR-B)				10	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub-Account Global Adjustment)	318	0.0000	0.00	318	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				10	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution			**291.68**			**298.84**	**7.16**	**2.46%**	**73.75%**
Retail Transmission Rate – Network Service Rate	10	0.9927	9.93	10	0.9927	9.93	0.00	0.00%	2.45%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10	0.8284	8.28	10	0.8284	8.28	0.00	0.00%	2.04%
Sub-Total: Retail Transmission			**18.21**			**18.21**	**0.00**	**0.00%**	**4.49%**
Sub-Total: Delivery			**309.89**			**317.05**	**7.16**	**2.31%**	**78.25%**
Wholesale Market Service Rate (WMS) - not including CBR	318	0.0030	0.95	318	0.0030	0.95	0.00	0.00%	0.24%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	318	0.0004	0.13	318	0.0004	0.13	0.00	0.00%	0.03%
Rural Rate Protection Charge	318	0.0005	0.16	318	0.0005	0.16	0.00	0.00%	0.04%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%
Sub-Total: Regulatory			**1.49**			**1.49**	**0.00**	**0.00%**	**0.37%**
Total Electricity Charge (before HST)			**351.42**			**358.58**	**7.16**	**2.04%**	**88.50%**
HST		0.13	45.68		0.13	46.62	0.93	2.04%	11.50%
Total Electricity Charge (including HST)			**397.11**			**405.20**	**8.09**	**2.04%**	**100.00%**
Ontario Rebate for Electricity Consumers (OREC)		0.00	0.00		0.00	0.00	0.00	N/A	0.00%
Total Amount			**397.11**			**405.20**	**8.09**	**2.04%**	**100.00%**

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2021 Bill Impacts (Average Consumption Level) - Dgen

Rate Class	Dgen
Monthly Consumption (kWh)	1,328
Peak (kW)	13
Loss factor	1.061
Load factor	14%
Monthly Consumption (kWh) - Uplifted	1,409
Charge determinant	kW

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy (Non-RPP)*	1,409	0.126	**177.25**	1,409	0.126	**177.25**	**0.00**	**0.00%**	**29.26%**
Service Charge	1	194.19	194.19	1	196.71	196.71	2.52	1.30%	32.47%
Fixed Foregone Revenue Charge	1	0	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	13	9.7488	126.73	13	10.2129	132.77	6.03	4.76%	21.91%
Volumetric Foregone Revenue Charge	13	0	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	13	0.0000	0.00	13	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub Account CBR-B)				13	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub-Account Global Adjustment)	1,409	0.0000	0.00	1,409	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				13	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution			**320.92**			**329.48**	**8.55**	**2.67%**	**54.38%**
Retail Transmission Rate – Network Service Rate	13	0.9927	12.91	13	0.9927	12.91	0.00	0.00%	2.13%
Retail Transmission Rate – Line and Transformation Connection Service Rate	13	0.8284	10.77	13	0.8284	10.77	0.00	0.00%	1.78%
Sub-Total: Retail Transmission			**23.67**			**23.67**	**0.00**	**0.00%**	**3.91%**
Sub-Total: Delivery			**344.60**			**353.15**	**8.55**	**2.48%**	**58.29%**
Wholesale Market Service Rate (WMS) - not including CBR	1,409	0.0030	4.23	1,409	0.0030	4.23	0.00	0.00%	0.70%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	1,409	0.0004	0.56	1,409	0.0004	0.56	0.00	0.00%	0.09%
Rural Rate Protection Charge	1,409	0.0005	0.70	1,409	0.0005	0.70	0.00	0.00%	0.12%
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			**5.75**			**5.75**	**0.00**	**0.00%**	**0.95%**
Total Electricity Charge (before HST)			**527.60**			**536.15**	**8.55**	**1.62%**	**88.50%**
HST		0.13	68.59		0.13	69.70	1.11	1.62%	11.50%
Total Electricity Charge (including HST)			**596.18**			**605.85**	**9.67**	**1.62%**	**100.00%**
Ontario Rebate for Electricity Consumers (OREC)		0.00	0.00		0.00	0.00	0.00	N/A	0.00%
Total Amount			**596.18**			**605.85**	**9.67**	**1.62%**	**100.00%**

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2021 Bill Impacts (High Consumption Level) - Dgen

Rate Class	Dgen
Monthly Consumption (kWh)	5,000
Peak (kW)	100
Loss factor	1.061
Load factor	7%
Monthly Consumption (kWh) - Uplifted	5,305
Charge determinant	kW

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy (Non-RPP)*	5,305	0.126	**667.37**	5,305	0.126	**667.37**	**0.00**	**0.00%**	**28.28%**
Service Charge	1	194.19	194.19	1	196.71	196.71	2.52	1.30%	8.34%
Fixed Foregone Revenue Charge	1	0	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	100	9.7488	974.88	100	10.2129	1,021.29	46.41	4.76%	43.28%
Volumetric Foregone Revenue Charge	100	0	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	100	0.0000	0.00	100	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub Account CBR-B)				100	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub-Account Global Adjustment)	5,305	0.0000	0.00	5,305	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				100	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution			**1,169.07**			**1,218.00**	**48.93**	**4.19%**	**51.61%**
Retail Transmission Rate – Network Service Rate	100	0.9927	99.27	100	0.9927	99.27	0.00	0.00%	4.21%
Retail Transmission Rate – Line and Transformation Connection Service Rate	100	0.8284	82.84	100	0.8284	82.84	0.00	0.00%	3.51%
Sub-Total: Retail Transmission			**182.11**			**182.11**	**0.00**	**0.00%**	**7.72%**
Sub-Total: Delivery			**1,351.18**			**1,400.11**	**48.93**	**3.62%**	**59.33%**
Wholesale Market Service Rate (WMS) - not including CBR	5,305	0.0030	15.92	5,305	0.0030	15.92	0.00	0.00%	0.67%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	5,305	0.0004	2.12	5,305	0.0004	2.12	0.00	0.00%	0.09%
Rural Rate Protection Charge	5,305	0.0005	2.65	5,305	0.0005	2.65	0.00	0.00%	0.11%
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			**20.94**			**20.94**	**0.00**	**0.00%**	**0.89%**
Total Electricity Charge (before HST)			**2,039.49**			**2,088.42**	**48.93**	**2.40%**	**88.50%**
HST		0.13	265.13		0.13	271.49	6.36	2.40%	11.50%
Total Electricity Charge (including HST)			**2,304.62**			**2,359.91**	**55.29**	**2.40%**	**100.00%**
Ontario Rebate for Electricity Consumers (OREC)		0.00	0.00		0.00	0.00	0.00	N/A	0.00%
Total Amount			**2,304.62**			**2,359.91**	**55.29**	**2.40%**	**100.00%**

2020 Mar YTD HOEP+GA

2021 Bill Impacts (Low Consumption Level) - ST

Rate Class	ST
Monthly Consumption (kWh)	200,000
Peak (kW)	500
Loss factor	1.034
Load factor	55%
Monthly Consumption (kWh) - Uplifted	206,800
Charge determinant	kW

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy (Non-RPP)*	206,800	0.126	**26,015.44**	206,800	0.126	**26,015.44**	**0.00**	**0.00%**	**71.47%**
Service Charge	1	1303.29	1,303.29	1	1332.51	1,332.51	29.22	2.24%	3.66%
Fixed Foregone Revenue Charge	1	0	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	500	1.522	761.00	500	1.5624	781.20	20.20	2.65%	2.15%
Volumetric Foregone Revenue Charge	500	0	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	500	0.0000	0.00	500	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub Account CBR-B)				500	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub-Account Global Adjustment)	206,800	0.0000	0.00	206,800	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				500	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution			**2,064.29**			**2,113.71**	**49.42**	**2.39%**	**5.81%**
Retail Transmission Rate – Network Service Rate	500	3.596	1,798.00	500	3.5960	1,798.00	0.00	0.00%	4.94%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	2.9558	1,477.90	500	2.9558	1,477.90	0.00	0.00%	4.06%
Sub-Total: Retail Transmission			**3,275.90**			**3,275.90**	**0.00**	**0.00%**	**9.00%**
Sub-Total: Delivery			**5,340.19**			**5,389.61**	**49.42**	**0.93%**	**14.81%**
Wholesale Market Service Rate (WMS) - not including CBR	206,800	0.0030	620.40	206,800	0.0030	620.40	0.00	0.00%	1.70%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	206,800	0.0004	82.72	206,800	0.0004	82.72	0.00	0.00%	0.23%
Rural Rate Protection Charge	206,800	0.0005	103.40	206,800	0.0005	103.40	0.00	0.00%	0.28%
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			**806.77**			**806.77**	**0.00**	**0.00%**	**2.22%**
Total Electricity Charge (before HST)			**32,162.40**			**32,211.82**	**49.42**	**0.15%**	**88.50%**
HST		0.13	4,181.11		0.13	4,187.54	6.42	0.15%	11.50%
Total Electricity Charge (including HST)			**36,343.51**			**36,399.36**	**55.84**	**0.15%**	**100.00%**
Ontario Rebate for Electricity Consumers (OREC)		0.00	0.00		0.00	0.00	0.00	N/A	0.00%
Total Amount			**36,343.51**			**36,399.36**	**55.84**	**0.15%**	**100.00%**

2020 Mar YTD HOEP+GA

2021 Bill Impacts (Average Consumption Level) - ST

Rate Class	ST
Monthly Consumption (kWh)	1,601,036
Peak (kW)	3,091
Loss factor	1.034
Load factor	71%
Monthly Consumption (kWh) - Uplifted	1,655,471
Charge determinant	kW

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy (Non-RPP)*	1,655,471	0.126	**208,258.28**	1,655,471	0.126	**208,258.28**	**0.00**	**0.00%**	**76.43%**
Service Charge	1	1303.29	1,303.29	1	1332.51	1,332.51	29.22	2.24%	0.49%
Fixed Foregone Revenue Charge	1	0	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	3,091	1.522	4,704.50	3,091	1.5624	4,829.38	124.88	2.65%	1.77%
Volumetric Foregone Revenue Charge	3,091	0	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	3,091	0.0000	0.00	3,091	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub Account CBR-B)				3,091	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub-Account Global Adjustment)	1,655,471	0.0000	0.00	1,655,471	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				3,091	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution			**6,007.79**			**6,161.89**	**154.10**	**2.56%**	**2.26%**
Retail Transmission Rate – Network Service Rate	3,091	3.596	11,115.24	3,091	3.5960	11,115.24	0.00	0.00%	4.08%
Retail Transmission Rate – Line and Transformation Connection Service Rate	3,091	2.9558	9,136.38	3,091	2.9558	9,136.38	0.00	0.00%	3.35%
Sub-Total: Retail Transmission			**20,251.61**			**20,251.61**	**0.00**	**0.00%**	**7.43%**
Sub-Total: Delivery			**26,259.41**			**26,413.50**	**154.10**	**0.59%**	**9.69%**
Wholesale Market Service Rate (WMS) - not including CBR	1,655,471	0.0030	4,966.41	1,655,471	0.0030	4,966.41	0.00	0.00%	1.82%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	1,655,471	0.0004	662.19	1,655,471	0.0004	662.19	0.00	0.00%	0.24%
Rural Rate Protection Charge	1,655,471	0.0005	827.74	1,655,471	0.0005	827.74	0.00	0.00%	0.30%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
Sub-Total: Regulatory			**6,456.59**			**6,456.59**	**0.00**	**0.00%**	**2.37%**
Total Electricity Charge (before HST)			**240,974.27**			**241,128.37**	**154.10**	**0.06%**	**88.50%**
HST		0.13	31,326.66		0.13	31,346.69	20.03	0.06%	11.50%
Total Electricity Charge (including HST)			**272,300.93**			**272,475.06**	**174.13**	**0.06%**	**100.00%**
Ontario Rebate for Electricity Consumers (OREC)		0.00	0.00		0.00	0.00	0.00	N/A	0.00%
Total Amount			**272,300.93**			**272,475.06**	**174.13**	**0.06%**	**100.00%**

2020 Mar YTD HOEP+GA

2021 Bill Impacts (High Consumption Level) - ST

Rate Class	ST
Monthly Consumption (kWh)	4,000,000
Peak (kW)	10,000
Loss factor	1.034
Load factor	55%
Monthly Consumption (kWh) - Uplifted	4,136,000
Charge determinant	kW

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy (Non-RPP)*	4,136,000	0.126	**520,308.80**	4,136,000	0.126	**520,308.80**	**0.00**	**0.00%**	**74.40%**
Service Charge	1	1303.29	1,303.29	1	1332.51	1,332.51	29.22	2.24%	0.19%
Fixed Foregone Revenue Charge	1	0	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	10,000	1.522	15,220.00	10,000	1.5624	15,624.00	404.00	2.65%	2.23%
Volumetric Foregone Revenue Charge	10,000	0	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	10,000	0.0000	0.00	10,000	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub Account CBR-B)				10,000	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub-Account Global Adjustment)	4,136,000	0.0000	0.00	4,136,000	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				10,000	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution			**16,523.29**			**16,956.51**	**433.22**	**2.62%**	**2.42%**
Retail Transmission Rate – Network Service Rate	10,000	3.596	35,960.00	10,000	3.5960	35,960.00	0.00	0.00%	5.14%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,000	2.9558	29,558.00	10,000	2.9558	29,558.00	0.00	0.00%	4.23%
Sub-Total: Retail Transmission			**65,518.00**			**65,518.00**	**0.00**	**0.00%**	**9.37%**
Sub-Total: Delivery			**82,041.29**			**82,474.51**	**433.22**	**0.53%**	**11.79%**
Wholesale Market Service Rate (WMS) - not including CBR	4,136,000	0.0030	12,408.00	4,136,000	0.0030	12,408.00	0.00	0.00%	1.77%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	4,136,000	0.0004	1,654.40	4,136,000	0.0004	1,654.40	0.00	0.00%	0.24%
Rural Rate Protection Charge	4,136,000	0.0005	2,068.00	4,136,000	0.0005	2,068.00	0.00	0.00%	0.30%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
Sub-Total: Regulatory			**16,130.65**			**16,130.65**	**0.00**	**0.00%**	**2.31%**
Total Electricity Charge (before HST)			**618,480.74**			**618,913.96**	**433.22**	**0.07%**	**88.50%**
HST		0.13	80,402.50		0.13	80,458.81	56.32	0.07%	11.50%
Total Electricity Charge (including HST)			**698,883.24**			**699,372.77**	**489.54**	**0.07%**	**100.00%**
Ontario Rebate for Electricity Consumers (OREC)		0.00	0.00		0.00	0.00	0.00	N/A	0.00%
Total Amount			**698,883.24**			**699,372.77**	**489.54**	**0.07%**	**100.00%**

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Appendix G

2022 Bill Impact Sheets for Seasonal Eliminated Scenario

2022 Bill Impacts (Low Consumption Level) - UR

Rate Class	UR
Monthly Consumption (kWh)	350
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	370
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	350	0.119	41.65	350	0.119	41.65	0.00	0.00%	57.97%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**41.65**			**41.65**	**0.00**	**0.00%**	**57.97%**	
TOU-Off Peak	228	0.128	29.12	228	0.128	29.12	0.00	0.00%		39.06%
TOU-Mid Peak	60	0.128	7.62	60	0.128	7.62	0.00	0.00%		10.22%
TOU-On Peak	63	0.128	8.06	63	0.128	8.06	0.00	0.00%		10.82%
Sub-Total: Energy (RPP TOU)			**44.80**			**44.80**	0.00	0.00%	**62.35%**	**60.09%**
Service Charge	1	35.67	35.67	1	36.06	36.06	0.39	1.09%	50.19%	48.37%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	350	0.0000	0.00	350	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric Foregone Revenue Charge	350	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	350	0.0000	0.00	350	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				350	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**35.67**			**36.06**	**0.39**	**1.09%**	**50.19%**	**48.37%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.79%	0.76%
Line Losses on Cost of Power (based on two-tier RPP prices)	20	0.1190	2.37	20	0.1190	2.37	0.00	0.00%	3.30%	3.18%
Line Losses on Cost of Power (based on TOU prices)	20	0.1280	2.55	20	0.1280	2.55	0.00	0.00%	3.55%	3.43%
Sub-Total: Distribution (based on two-tier RPP prices)			**38.61**			**39.00**	**0.39**	**1.01%**	**54.28%**	**52.32%**
Sub-Total: Distribution (based on TOU prices)			**38.79**			**39.18**	**0.39**	**1.01%**	**54.53%**	**52.56%**
Retail Transmission Rate – Network Service Rate	370	0.0089	3.29	370	0.0089	3.29	0.00	0.00%	4.58%	4.42%
Retail Transmission Rate – Line and Transformation Connection Service Rate	370	0.0077	2.85	370	0.0077	2.85	0.00	0.00%	3.96%	3.82%
Sub-Total: Retail Transmission			**6.14**			**6.14**	**0.00**	**0.00%**	**8.55%**	**8.24%**
Sub-Total: Delivery (based on two-tier RPP prices)			**44.76**			**45.15**	**0.39**	**0.87%**	**62.83%**	**60.55%**
Sub-Total: Delivery (based on TOU prices)			**44.93**			**45.32**	**0.39**	**0.87%**	**63.08%**	**60.79%**
Wholesale Market Service Rate (WMS) - not including CBR	370	0.0030	1.11	370	0.0030	1.11	0.00	0.00%	1.54%	1.49%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	370	0.0004	0.15	370	0.0004	0.15	0.00	0.00%	0.21%	0.20%
Rural Rate Protection Charge	370	0.0005	0.18	370	0.0005	0.18	0.00	0.00%	0.26%	0.25%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.35%	0.34%
Sub-Total: Regulatory			**1.69**			**1.69**	**0.00**	**0.00%**	**2.36%**	**2.27%**
Total Electricty Charge on Two-Tier RPP			**88.10**			**88.49**	**0.39**	**0.44%**	**123.15%**	
HST		0.13	11.45		0.13	11.50	0.05	0.44%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**99.55**			**99.99**	**0.44**	**0.44%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-28.02		-0.32	-28.14	-0.12	-0.44%	-39.16%	
Total Amount on Two-Tier RPP			**71.54**			**71.85**	**0.32**	**0.44%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**91.43**			**91.82**	**0.39**	**0.43%**		**123.15%**
HST		0.13	11.89		0.13	11.94	0.05	0.43%		16.01%
Total Electricity Charge on TOU (including HST)			**103.31**			**103.75**	**0.44**	**0.43%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-29.07		-0.32	-29.20	-0.12	-0.43%		-39.16%
Total Amount on TOU			**74.24**			**74.56**	**0.32**	**0.43%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (Typical Consumption Level) - UR

Rate Class	UR
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	793
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	750	0.119	89.25	750	0.119	89.25	0.00	0.00%	74.53%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**89.25**			**89.25**	**0.00**	**0.00%**	**74.53%**	
TOU-Off Peak	488	0.128	62.40	488	0.128	62.40	0.00	0.00%		49.71%
TOU-Mid Peak	128	0.128	16.32	128	0.128	16.32	0.00	0.00%		13.00%
TOU-On Peak	135	0.128	17.28	135	0.128	17.28	0.00	0.00%		13.76%
Sub-Total: Energy (RPP TOU)			**96.00**			**96.00**	0.00	0.00%	**80.17%**	**76.47%**
Service Charge	1	35.67	35.67	1	36.06	36.06	0.39	1.09%	30.11%	28.72%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	750	0.0000	0.00	750	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric Foregone Revenue Charge	750	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	750	0.0000	0.00	750	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				750	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**35.67**			**36.06**	**0.39**	**1.09%**	**30.11%**	**28.72%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.48%	0.45%
Line Losses on Cost of Power (based on two-tier RPP prices)	43	0.1190	5.09	43	0.1190	5.09	0.00	0.00%	4.25%	4.05%
Line Losses on Cost of Power (based on TOU prices)	43	0.1280	5.47	43	0.1280	5.47	0.00	0.00%	4.57%	4.36%
Sub-Total: Distribution (based on two-tier RPP prices)			**41.33**			**41.72**	**0.39**	**0.94%**	**34.84%**	**33.23%**
Sub-Total: Distribution (based on TOU prices)			**41.71**			**42.10**	**0.39**	**0.93%**	**35.16%**	**33.54%**
Retail Transmission Rate – Network Service Rate	793	0.0089	7.06	793	0.0089	7.06	0.00	0.00%	5.89%	5.62%
Retail Transmission Rate – Line and Transformation Connection Service Rate	793	0.0077	6.10	793	0.0077	6.10	0.00	0.00%	5.10%	4.86%
Sub-Total: Retail Transmission			**13.16**			**13.16**	**0.00**	**0.00%**	**10.99%**	**10.48%**
Sub-Total: Delivery (based on two-tier RPP prices)			**54.49**			**54.88**	**0.39**	**0.72%**	**45.83%**	**43.71%**
Sub-Total: Delivery (based on TOU prices)			**54.87**			**55.26**	**0.39**	**0.71%**	**46.15%**	**44.02%**
Wholesale Market Service Rate (WMS) - not including CBR	793	0.0030	2.38	793	0.0030	2.38	0.00	0.00%	1.99%	1.89%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	793	0.0004	0.32	793	0.0004	0.32	0.00	0.00%	0.26%	0.25%
Rural Rate Protection Charge	793	0.0005	0.40	793	0.0005	0.40	0.00	0.00%	0.33%	0.32%
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			**3.34**			**3.34**	**0.00**	**0.00%**	**2.79%**	**2.66%**
Total Electricty Charge on Two-Tier RPP			**147.08**			**147.47**	**0.39**	**0.27%**	**123.15%**	
HST		0.13	19.12		0.13	19.17	0.05	0.27%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**166.20**			**166.64**	**0.44**	**0.27%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-46.77		-0.32	-46.90	-0.12	-0.27%	-39.16%	
Total Amount on Two-Tier RPP			**119.43**			**119.74**	**0.32**	**0.27%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**154.21**			**154.60**	**0.39**	**0.25%**		**123.15%**
HST		0.13	20.05		0.13	20.10	0.05	0.25%		16.01%
Total Electricity Charge on TOU (including HST)			**174.26**			**174.70**	**0.44**	**0.25%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-49.04		-0.32	-49.16	-0.12	-0.25%		-39.16%
Total Amount on TOU			**125.22**			**125.54**	**0.32**	**0.25%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (High Consumption Level) - UR

Rate Class	UR
Monthly Consumption (kWh)	1400
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	1480
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	57.95%	
Energy Second Tier	400	0.139	55.60	400	0.139	55.60	0.00	0.00%	27.07%	
Sub-Total: Energy (RPP Tiered)			**174.60**			**174.60**	**0.00**	**0.00%**	**85.02%**	
TOU-Off Peak	910	0.128	116.48	910	0.128	116.48	0.00	0.00%		55.90%
TOU-Mid Peak	238	0.128	30.46	238	0.128	30.46	0.00	0.00%		14.62%
TOU-On Peak	252	0.128	32.26	252	0.128	32.26	0.00	0.00%		15.48%
Sub-Total: Energy (RPP TOU)			**179.20**			**179.20**	0.00	0.00%	**87.26%**	**86.00%**
Service Charge	1	35.67	35.67	1	36.06	36.06	0.39	1.09%	17.56%	17.30%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	1,400	0.0000	0.00	1,400	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric Foregone Revenue Charge	1,400	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	1,400	0.0000	0.00	1,400	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				1,400	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**35.67**			**36.06**	**0.39**	**1.09%**	**17.56%**	**17.30%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.28%	0.27%
Line Losses on Cost of Power (based on two-tier RPP prices)	80	0.1390	11.09	80	0.1390	11.09	0.00	0.00%	5.40%	5.32%
Line Losses on Cost of Power (based on TOU prices)	80	0.1280	10.21	80	0.1280	10.21	0.00	0.00%	4.97%	4.90%
Sub-Total: Distribution (based on two-tier RPP prices)			**47.33**			**47.72**	**0.39**	**0.82%**	**23.24%**	**22.90%**
Sub-Total: Distribution (based on TOU prices)			**46.45**			**46.84**	**0.39**	**0.84%**	**22.81%**	**22.48%**
Retail Transmission Rate – Network Service Rate	1,480	0.0089	13.17	1,480	0.0089	13.17	0.00	0.00%	6.41%	6.32%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,480	0.0077	11.39	1,480	0.0077	11.39	0.00	0.00%	5.55%	5.47%
Sub-Total: Retail Transmission			**24.56**			**24.56**	**0.00**	**0.00%**	**11.96%**	**11.79%**
Sub-Total: Delivery (based on two-tier RPP prices)			**71.90**			**72.29**	**0.39**	**0.54%**	**35.20%**	**34.69%**
Sub-Total: Delivery (based on TOU prices)			**71.02**			**71.41**	**0.39**	**0.55%**	**34.77%**	**34.27%**
Wholesale Market Service Rate (WMS) - not including CBR	1,480	0.0030	4.44	1,480	0.0030	4.44	0.00	0.00%	2.16%	2.13%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	1,480	0.0004	0.59	1,480	0.0004	0.59	0.00	0.00%	0.29%	0.28%
Rural Rate Protection Charge	1,480	0.0005	0.74	1,480	0.0005	0.74	0.00	0.00%	0.36%	0.36%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.12%	0.12%
Sub-Total: Regulatory			**6.02**			**6.02**	**0.00**	**0.00%**	**2.93%**	**2.89%**
Total Electricty Charge on Two-Tier RPP			**252.52**			**252.91**	**0.39**	**0.15%**	**123.15%**	
HST		0.13	32.83		0.13	32.88	0.05	0.15%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**285.35**			**285.79**	**0.44**	**0.15%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-80.30		-0.32	-80.42	-0.12	-0.15%	-39.16%	
Total Amount on Two-Tier RPP			**205.04**			**205.36**	**0.32**	**0.15%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**256.24**			**256.63**	**0.39**	**0.15%**		**123.15%**
HST		0.13	33.31		0.13	33.36	0.05	0.15%		16.01%
Total Electricity Charge on TOU (including HST)			**289.55**			**289.99**	**0.44**	**0.15%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-81.48		-0.32	-81.61	-0.12	-0.15%		-39.16%
Total Amount on TOU			**208.07**			**208.38**	**0.32**	**0.15%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (Low Consumption Level) - R1 (with DRP)

Rate Class	R1
Monthly Consumption (kWh)	400
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	430
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	400	0.119	47.60	400	0.119	47.60	0.00	0.00%	60.33%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**47.60**			**47.60**	**0.00**	**0.00%**	**60.33%**	
TOU-Off Peak	260	0.128	33.28	260	0.128	33.28	0.00	0.00%		40.57%
TOU-Mid Peak	68	0.128	8.70	68	0.128	8.70	0.00	0.00%		10.61%
TOU-On Peak	72	0.128	9.22	72	0.128	9.22	0.00	0.00%		11.23%
Sub-Total: Energy (RPP TOU)			**51.20**			**51.20**	0.00	0.00%	**64.90%**	**62.41%**
Service Charge	1	48.70	48.70	1	51.53	51.53	2.83	5.81%	65.31%	62.81%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	400	0.0140	5.60	400	0.0100	4.00	-1.60	-28.57%	5.07%	4.88%
Volumetric Foregone Revenue Charge	400	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	400	0.0000	0.00	400	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				400	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			-17.44			-18.67	-1.23	-7.05%	-23.66%	-22.76%
Sub-Total: Distribution (excluding pass through)			**36.86**			**36.86**	**0.00**	**0.00%**	**46.72%**	**44.93%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.72%	0.69%
Line Losses on Cost of Power (based on two-tier RPP prices)	30	0.1190	3.62	30	0.1190	3.62	0.00	0.00%	4.59%	4.41%
Line Losses on Cost of Power (based on TOU prices)	30	0.1280	3.89	30	0.1280	3.89	0.00	0.00%	4.93%	4.74%
Sub-Total: Distribution (based on two-tier RPP prices)			**41.05**			**41.05**	**0.00**	**0.00%**	**52.03%**	**50.03%**
Sub-Total: Distribution (based on TOU prices)			**41.32**			**41.32**	**0.00**	**0.00%**	**52.37%**	**50.37%**
Retail Transmission Rate – Network Service Rate	430	0.0082	3.53	430	0.0081	3.49	-0.04	-1.22%	4.42%	4.25%
Retail Transmission Rate – Line and Transformation Connection Service Rate	430	0.0073	3.14	430	0.0072	3.10	-0.04	-1.37%	3.93%	3.78%
Sub-Total: Retail Transmission			**6.67**			**6.59**	**-0.09**	**-1.29%**	**8.35%**	**8.03%**
Sub-Total: Delivery (based on two-tier RPP prices)			**47.72**			**47.63**	**-0.09**	**-0.18%**	**60.37%**	**58.06%**
Sub-Total: Delivery (based on TOU prices)			**47.99**			**47.91**	**-0.09**	**-0.18%**	**60.72%**	**58.39%**
Wholesale Market Service Rate (WMS) - not including CBR	430	0.0030	1.29	430	0.0030	1.29	0.00	0.00%	1.64%	1.57%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	430	0.0004	0.17	430	0.0004	0.17	0.00	0.00%	0.22%	0.21%
Rural Rate Protection Charge	430	0.0005	0.22	430	0.0005	0.22	0.00	0.00%	0.27%	0.26%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.32%	0.30%
Sub-Total: Regulatory			**1.93**			**1.93**	**0.00**	**0.00%**	**2.44%**	**2.35%**
Total Electricty Charge on Two-Tier RPP			**97.25**			**97.16**	**-0.09**	**-0.09%**	**123.15%**	
HST		0.13	12.64		0.13	12.63	-0.01	-0.09%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**109.89**			**109.79**	**-0.10**	**-0.09%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-30.92		-0.32	-30.90	0.03	0.09%	-39.16%	
Total Amount on Two-Tier RPP			**78.96**			**78.89**	**-0.07**	**-0.09%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**101.12**			**101.03**	**-0.09**	**-0.09%**		**123.15%**
HST		0.13	13.15		0.13	13.13	-0.01	-0.09%		16.01%
Total Electricity Charge on TOU (including HST)			**114.27**			**114.17**	**-0.10**	**-0.09%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-32.16		-0.32	-32.13	0.03	0.09%		-39.16%
Total Amount on TOU			**82.11**			**82.04**	**-0.07**	**-0.09%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (Low Consumption Level) - R1 (without DRP)

Rate Class	R1
Monthly Consumption (kWh)	400
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	430
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	400	0.119	47.60	400	0.119	47.60	0.00	0.00%	50.61%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**47.60**			**47.60**	**0.00**	**0.00%**	**50.61%**	
TOU-Off Peak	260	0.128	33.28	260	0.128	33.28	0.00	0.00%		34.24%
TOU-Mid Peak	68	0.128	8.70	68	0.128	8.70	0.00	0.00%		8.95%
TOU-On Peak	72	0.128	9.22	72	0.128	9.22	0.00	0.00%		9.48%
Sub-Total: Energy (RPP TOU)			**51.20**			**51.20**	0.00	0.00%	**54.44%**	**52.67%**
Service Charge	1	48.70	48.70	1	51.53	51.53	2.83	5.81%	54.79%	53.01%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	400	0.0140	5.60	400	0.0100	4.00	-1.60	-28.57%	4.25%	4.12%
Volumetric Foregone Revenue Charge	400	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	400	0.0000	0.00	400	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				400	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**54.30**			**55.53**	**1.23**	**2.27%**	**59.04%**	**57.13%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.61%	0.59%
Line Losses on Cost of Power (based on two-tier RPP prices)	30	0.1190	3.62	30	0.1190	3.62	0.00	0.00%	3.85%	3.72%
Line Losses on Cost of Power (based on TOU prices)	30	0.1280	3.89	30	0.1280	3.89	0.00	0.00%	4.14%	4.00%
Sub-Total: Distribution (based on two-tier RPP prices)			**58.49**			**59.72**	**1.23**	**2.10%**	**63.49%**	**61.44%**
Sub-Total: Distribution (based on TOU prices)			**58.76**			**59.99**	**1.23**	**2.09%**	**63.78%**	**61.72%**
Retail Transmission Rate – Network Service Rate	430	0.0082	3.53	430	0.0081	3.49	-0.04	-1.22%	3.71%	3.59%
Retail Transmission Rate – Line and Transformation Connection Service Rate	430	0.0073	3.14	430	0.0072	3.10	-0.04	-1.37%	3.29%	3.19%
Sub-Total: Retail Transmission			**6.67**			**6.59**	**-0.09**	**-1.29%**	**7.00%**	**6.77%**
Sub-Total: Delivery (based on two-tier RPP prices)			**65.16**			**66.30**	**1.14**	**1.76%**	**70.49%**	**68.21%**
Sub-Total: Delivery (based on TOU prices)			**65.43**			**66.58**	**1.14**	**1.75%**	**70.78%**	**68.49%**
Wholesale Market Service Rate (WMS) - not including CBR	430	0.0030	1.29	430	0.0030	1.29	0.00	0.00%	1.37%	1.33%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	430	0.0004	0.17	430	0.0004	0.17	0.00	0.00%	0.18%	0.18%
Rural Rate Protection Charge	430	0.0005	0.22	430	0.0005	0.22	0.00	0.00%	0.23%	0.22%
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			**1.93**			**1.93**	**0.00**	**0.00%**	**2.05%**	**1.98%**
Total Electricty Charge on Two-Tier RPP			**114.69**			**115.83**	**1.14**	**1.00%**	**123.15%**	
HST		0.13	14.91		0.13	15.06	0.15	1.00%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**129.60**			**130.89**	**1.29**	**1.00%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-36.47		-0.32	-36.83	-0.36	-1.00%	-39.16%	
Total Amount on Two-Tier RPP			**93.13**			**94.05**	**0.93**	**1.00%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**118.56**			**119.70**	**1.14**	**0.96%**		**123.15%**
HST		0.13	15.41		0.13	15.56	0.15	0.96%		16.01%
Total Electricity Charge on TOU (including HST)			**133.97**			**135.27**	**1.29**	**0.96%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-37.70		-0.32	-38.07	-0.36	-0.96%		-39.16%
Total Amount on TOU			**96.27**			**97.20**	**0.93**	**0.96%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (Typical Consumption Level) - R1 (with DRP)

Rate Class	R1
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	807
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	750	0.119	89.25	750	0.119	89.25	0.00	0.00%	73.67%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**89.25**			**89.25**	**0.00**	**0.00%**	**73.67%**	
TOU-Off Peak	488	0.128	62.40	488	0.128	62.40	0.00	0.00%		49.11%
TOU-Mid Peak	128	0.128	16.32	128	0.128	16.32	0.00	0.00%		12.84%
TOU-On Peak	135	0.128	17.28	135	0.128	17.28	0.00	0.00%		13.60%
Sub-Total: Energy (RPP TOU)			**96.00**			**96.00**	0.00	0.00%	**79.24%**	**75.56%**
Service Charge	1	48.70	48.70	1	51.53	51.53	2.83	5.81%	42.53%	40.56%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	750	0.0140	10.50	750	0.0100	7.50	-3.00	-28.57%	6.19%	5.90%
Volumetric Foregone Revenue Charge	750	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	750	0.0000	0.00	750	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				750	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			-22.34			-22.17	0.17	0.76%	-18.30%	-17.45%
Sub-Total: Distribution (excluding pass through)			**36.86**			**36.86**	**0.00**	**0.00%**	**30.42%**	**29.01%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.47%	0.45%
Line Losses on Cost of Power (based on two-tier RPP prices)	57	0.1190	6.78	57	0.1190	6.78	0.00	0.00%	5.60%	5.34%
Line Losses on Cost of Power (based on TOU prices)	57	0.1280	7.30	57	0.1280	7.30	0.00	0.00%	6.02%	5.74%
Sub-Total: Distribution (based on two-tier RPP prices)			**44.21**			**44.21**	**0.00**	**0.00%**	**36.49%**	**34.80%**
Sub-Total: Distribution (based on TOU prices)			**44.73**			**44.73**	**0.00**	**0.00%**	**36.92%**	**35.20%**
Retail Transmission Rate – Network Service Rate	807	0.0082	6.62	807	0.0081	6.54	-0.08	-1.22%	5.40%	5.14%
Retail Transmission Rate – Line and Transformation Connection Service Rate	807	0.0073	5.89	807	0.0072	5.81	-0.08	-1.37%	4.80%	4.57%
Sub-Total: Retail Transmission			**12.51**			**12.35**	**-0.16**	**-1.29%**	**10.19%**	**9.72%**
Sub-Total: Delivery (based on two-tier RPP prices)			**56.72**			**56.56**	**-0.16**	**-0.28%**	**46.68%**	**44.52%**
Sub-Total: Delivery (based on TOU prices)			**57.23**			**57.07**	**-0.16**	**-0.28%**	**47.11%**	**44.92%**
Wholesale Market Service Rate (WMS) - not including CBR	807	0.0030	2.42	807	0.0030	2.42	0.00	0.00%	2.00%	1.91%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	807	0.0004	0.32	807	0.0004	0.32	0.00	0.00%	0.27%	0.25%
Rural Rate Protection Charge	807	0.0005	0.40	807	0.0005	0.40	0.00	0.00%	0.33%	0.32%
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			**3.40**			**3.40**	**0.00**	**0.00%**	**2.80%**	**2.67%**
Total Electricty Charge on Two-Tier RPP			**149.37**			**149.21**	**-0.16**	**-0.11%**	**123.15%**	
HST		0.13	19.42		0.13	19.40	-0.02	-0.11%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**168.79**			**168.60**	**-0.18**	**-0.11%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-47.50		-0.32	-47.45	0.05	0.11%	-39.16%	
Total Amount on Two-Tier RPP			**121.29**			**121.16**	**-0.13**	**-0.11%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**156.63**			**156.47**	**-0.16**	**-0.10%**		**123.15%**
HST		0.13	20.36		0.13	20.34	-0.02	-0.10%		16.01%
Total Electricity Charge on TOU (including HST)			**176.99**			**176.81**	**-0.18**	**-0.10%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-49.81		-0.32	-49.76	0.05	0.10%		-39.16%
Total Amount on TOU			**127.19**			**127.05**	**-0.13**	**-0.10%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (Typical Consumption Level) - R1 (without DRP)

Rate Class	R1
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	807
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	750	0.119	89.25	750	0.119	89.25	0.00	0.00%	64.14%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**89.25**			**89.25**	**0.00**	**0.00%**	**64.14%**	
TOU-Off Peak	488	0.128	62.40	488	0.128	62.40	0.00	0.00%		43.02%
TOU-Mid Peak	128	0.128	16.32	128	0.128	16.32	0.00	0.00%		11.25%
TOU-On Peak	135	0.128	17.28	135	0.128	17.28	0.00	0.00%		11.91%
Sub-Total: Energy (RPP TOU)			**96.00**			**96.00**	0.00	0.00%	**68.99%**	**66.18%**
Service Charge	1	48.70	48.70	1	51.53	51.53	2.83	5.81%	37.03%	35.52%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	750	0.0140	10.50	750	0.0100	7.50	-3.00	-28.57%	5.39%	5.17%
Volumetric Foregone Revenue Charge	750	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	750	0.0000	0.00	750	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				750	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**59.20**			**59.03**	**-0.17**	**-0.29%**	**42.42%**	**40.69%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.41%	0.39%
Line Losses on Cost of Power (based on two-tier RPP prices)	57	0.1190	6.78	57	0.1190	6.78	0.00	0.00%	4.87%	4.68%
Line Losses on Cost of Power (based on TOU prices)	57	0.1280	7.30	57	0.1280	7.30	0.00	0.00%	5.24%	5.03%
Sub-Total: Distribution (based on two-tier RPP prices)			**66.55**			**66.38**	**-0.17**	**-0.26%**	**47.70%**	**45.76%**
Sub-Total: Distribution (based on TOU prices)			**67.07**			**66.90**	**-0.17**	**-0.25%**	**48.07%**	**46.12%**
Retail Transmission Rate – Network Service Rate	807	0.0082	6.62	807	0.0081	6.54	-0.08	-1.22%	4.70%	4.51%
Retail Transmission Rate – Line and Transformation Connection Service Rate	807	0.0073	5.89	807	0.0072	5.81	-0.08	-1.37%	4.18%	4.01%
Sub-Total: Retail Transmission			**12.51**			**12.35**	**-0.16**	**-1.29%**	**8.87%**	**8.51%**
Sub-Total: Delivery (based on two-tier RPP prices)			**79.06**			**78.73**	**-0.33**	**-0.42%**	**56.58%**	**54.28%**
Sub-Total: Delivery (based on TOU prices)			**79.57**			**79.24**	**-0.33**	**-0.42%**	**56.94%**	**54.63%**
Wholesale Market Service Rate (WMS) - not including CBR	807	0.0030	2.42	807	0.0030	2.42	0.00	0.00%	1.74%	1.67%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	807	0.0004	0.32	807	0.0004	0.32	0.00	0.00%	0.23%	0.22%
Rural Rate Protection Charge	807	0.0005	0.40	807	0.0005	0.40	0.00	0.00%	0.29%	0.28%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.18%	0.17%
Sub-Total: Regulatory			**3.40**			**3.40**	**0.00**	**0.00%**	**2.44%**	**2.34%**
Total Electricty Charge on Two-Tier RPP			**171.71**			**171.38**	**-0.33**	**-0.19%**	**123.15%**	
HST		0.13	22.32		0.13	22.28	-0.04	-0.19%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**194.03**			**193.66**	**-0.37**	**-0.19%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-54.60		-0.32	-54.50	0.11	0.19%	-39.16%	
Total Amount on Two-Tier RPP			**139.43**			**139.16**	**-0.27**	**-0.19%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**178.97**			**178.64**	**-0.33**	**-0.19%**		**123.15%**
HST		0.13	23.27		0.13	23.22	-0.04	-0.19%		16.01%
Total Electricity Charge on TOU (including HST)			**202.24**			**201.86**	**-0.37**	**-0.19%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-56.91		-0.32	-56.81	0.11	0.19%		-39.16%
Total Amount on TOU			**145.33**			**145.06**	**-0.27**	**-0.19%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (High Consumption Level) - R1 (with DRP)

Rate Class	R1
Monthly Consumption (kWh)	1800
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	1937
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	45.22%	
Energy Second Tier	800	0.139	111.20	800	0.139	111.20	0.00	0.00%	42.26%	
Sub-Total: Energy (RPP Tiered)			**230.20**			**230.20**	**0.00**	**0.00%**	**87.48%**	
TOU-Off Peak	1,170	0.128	149.76	1,170	0.128	149.76	0.00	0.00%		57.14%
TOU-Mid Peak	306	0.128	39.17	306	0.128	39.17	0.00	0.00%		14.94%
TOU-On Peak	324	0.128	41.47	324	0.128	41.47	0.00	0.00%		15.82%
Sub-Total: Energy (RPP TOU)			**230.40**			**230.40**	0.00	0.00%	**87.55%**	**87.91%**
Service Charge	1	48.70	48.70	1	51.53	51.53	2.83	5.81%	19.58%	19.66%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	1,800	0.0140	25.20	1,800	0.0100	18.00	-7.20	-28.57%	6.84%	6.87%
Volumetric Foregone Revenue Charge	1,800	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	1,800	0.0000	0.00	1,800	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				1,800	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			-37.04			-32.67	4.37	11.80%	-12.41%	-12.46%
Sub-Total: Distribution (excluding pass through)			**36.86**			**36.86**	**0.00**	**0.00%**	**14.01%**	**14.06%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.22%	0.22%
Line Losses on Cost of Power (based on two-tier RPP prices)	137	0.1390	19.02	137	0.1390	19.02	0.00	0.00%	7.23%	7.26%
Line Losses on Cost of Power (based on TOU prices)	137	0.1280	17.51	137	0.1280	17.51	0.00	0.00%	6.65%	6.68%
Sub-Total: Distribution (based on two-tier RPP prices)			**56.45**			**56.45**	**0.00**	**0.00%**	**21.45%**	**21.54%**
Sub-Total: Distribution (based on TOU prices)			**54.94**			**54.94**	**0.00**	**0.00%**	**20.88%**	**20.96%**
Retail Transmission Rate – Network Service Rate	1,937	0.0082	15.88	1,937	0.0081	15.69	-0.19	-1.22%	5.96%	5.99%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,937	0.0073	14.14	1,937	0.0072	13.94	-0.19	-1.37%	5.30%	5.32%
Sub-Total: Retail Transmission			**30.02**			**29.63**	**-0.39**	**-1.29%**	**11.26%**	**11.31%**
Sub-Total: Delivery (based on two-tier RPP prices)			**86.47**			**86.08**	**-0.39**	**-0.45%**	**32.71%**	**32.84%**
Sub-Total: Delivery (based on TOU prices)			**84.96**			**84.57**	**-0.39**	**-0.46%**	**32.14%**	**32.27%**
Wholesale Market Service Rate (WMS) - not including CBR	1,937	0.0030	5.81	1,937	0.0030	5.81	0.00	0.00%	2.21%	2.22%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	1,937	0.0004	0.77	1,937	0.0004	0.77	0.00	0.00%	0.29%	0.30%
Rural Rate Protection Charge	1,937	0.0005	0.97	1,937	0.0005	0.97	0.00	0.00%	0.37%	0.37%
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			**7.80**			**7.80**	**0.00**	**0.00%**	**2.97%**	**2.98%**
Total Electricty Charge on Two-Tier RPP			**324.47**			**324.08**	**-0.39**	**-0.12%**	**123.15%**	
HST		0.13	42.18		0.13	42.13	-0.05	-0.12%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**366.65**			**366.21**	**-0.44**	**-0.12%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-103.18		-0.32	-103.06	0.12	0.12%	-39.16%	
Total Amount on Two-Tier RPP			**263.47**			**263.15**	**-0.31**	**-0.12%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**323.16**			**322.78**	**-0.39**	**-0.12%**		**123.15%**
HST		0.13	42.01		0.13	41.96	-0.05	-0.12%		16.01%
Total Electricity Charge on TOU (including HST)			**365.18**			**364.74**	**-0.44**	**-0.12%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-102.77		-0.32	-102.64	0.12	0.12%		-39.16%
Total Amount on TOU			**262.41**			**262.09**	**-0.31**	**-0.12%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (High Consumption Level) - R1 (without DRP)

Rate Class	R1
Monthly Consumption (kWh)	1800
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	1937
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	41.08%	
Energy Second Tier	800	0.139	111.20	800	0.139	111.20	0.00	0.00%	38.39%	
Sub-Total: Energy (RPP Tiered)			**230.20**			**230.20**	**0.00**	**0.00%**	**79.47%**	
TOU-Off Peak	1,170	0.128	149.76	1,170	0.128	149.76	0.00	0.00%		51.89%
TOU-Mid Peak	306	0.128	39.17	306	0.128	39.17	0.00	0.00%		13.57%
TOU-On Peak	324	0.128	41.47	324	0.128	41.47	0.00	0.00%		14.37%
Sub-Total: Energy (RPP TOU)			**230.40**			**230.40**	0.00	0.00%	**79.54%**	**79.83%**
Service Charge	1	48.70	48.70	1	51.53	51.53	2.83	5.81%	17.79%	17.85%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	1,800	0.0140	25.20	1,800	0.0100	18.00	-7.20	-28.57%	6.21%	6.24%
Volumetric Foregone Revenue Charge	1,800	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	1,800	0.0000	0.00	1,800	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				1,800	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**73.90**			**69.53**	**-4.37**	**-5.91%**	**24.00%**	**24.09%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.20%	0.20%
Line Losses on Cost of Power (based on two-tier RPP prices)	137	0.1390	19.02	137	0.1390	19.02	0.00	0.00%	6.56%	6.59%
Line Losses on Cost of Power (based on TOU prices)	137	0.1280	17.51	137	0.1280	17.51	0.00	0.00%	6.04%	6.07%
Sub-Total: Distribution (based on two-tier RPP prices)			**93.49**			**89.12**	**-4.37**	**-4.67%**	**30.76%**	**30.88%**
Sub-Total: Distribution (based on TOU prices)			**91.98**			**87.61**	**-4.37**	**-4.75%**	**30.24%**	**30.35%**
Retail Transmission Rate – Network Service Rate	1,937	0.0082	15.88	1,937	0.0081	15.69	-0.19	-1.22%	5.42%	5.44%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,937	0.0073	14.14	1,937	0.0072	13.94	-0.19	-1.37%	4.81%	4.83%
Sub-Total: Retail Transmission			**30.02**			**29.63**	**-0.39**	**-1.29%**	**10.23%**	**10.27%**
Sub-Total: Delivery (based on two-tier RPP prices)			**123.51**			**118.75**	**-4.76**	**-3.85%**	**40.99%**	**41.14%**
Sub-Total: Delivery (based on TOU prices)			**122.00**			**117.24**	**-4.76**	**-3.90%**	**40.47%**	**40.62%**
Wholesale Market Service Rate (WMS) - not including CBR	1,937	0.0030	5.81	1,937	0.0030	5.81	0.00	0.00%	2.01%	2.01%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	1,937	0.0004	0.77	1,937	0.0004	0.77	0.00	0.00%	0.27%	0.27%
Rural Rate Protection Charge	1,937	0.0005	0.97	1,937	0.0005	0.97	0.00	0.00%	0.33%	0.34%
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			**7.80**			**7.80**	**0.00**	**0.00%**	**2.69%**	**2.70%**
Total Electricty Charge on Two-Tier RPP			**361.51**			**356.75**	**-4.76**	**-1.32%**	**123.15%**	
HST		0.13	47.00		0.13	46.38	-0.62	-1.32%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**408.51**			**403.13**	**-5.38**	**-1.32%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-114.96		-0.32	-113.45	1.51	1.32%	-39.16%	
Total Amount on Two-Tier RPP			**293.55**			**289.68**	**-3.86**	**-1.32%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**360.20**			**355.45**	**-4.76**	**-1.32%**		**123.15%**
HST		0.13	46.83		0.13	46.21	-0.62	-1.32%		16.01%
Total Electricity Charge on TOU (including HST)			**407.03**			**401.66**	**-5.38**	**-1.32%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-114.54		-0.32	-113.03	1.51	1.32%		-39.16%
Total Amount on TOU			**292.49**			**288.62**	**-3.86**	**-1.32%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (Low Consumption Level) - R2 (with DRP)

Rate Class	R2
Monthly Consumption (kWh)	450
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	497
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	450	0.119	53.55	450	0.119	53.55	0.00	0.00%	62.27%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**53.55**			**53.55**	**0.00**	**0.00%**	**62.27%**	
TOU-Off Peak	293	0.128	37.44	293	0.128	37.44	0.00	0.00%		41.77%
TOU-Mid Peak	77	0.128	9.79	77	0.128	9.79	0.00	0.00%		10.93%
TOU-On Peak	81	0.128	10.37	81	0.128	10.37	0.00	0.00%		11.57%
Sub-Total: Energy (RPP TOU)			**57.60**			**57.60**	0.00	0.00%	**66.98%**	**64.27%**
Service Charge	1	52.35	52.35	1	56.11	56.11	3.76	7.18%	65.25%	62.60%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	450	0.0226	10.17	450	0.0167	7.52	-2.66	-26.11%	8.74%	8.38%
Volumetric Foregone Revenue Charge	450	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	450	0.0000	0.00	450	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				450	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			-25.66			-26.77	-1.11	-4.31%	-31.12%	-29.86%
Sub-Total: Distribution (excluding pass through)			**36.86**			**36.86**	**0.00**	**0.00%**	**42.86%**	**41.13%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.66%	0.64%
Line Losses on Cost of Power (based on two-tier RPP prices)	47	0.1190	5.62	47	0.1190	5.62	0.00	0.00%	6.54%	6.27%
Line Losses on Cost of Power (based on TOU prices)	47	0.1280	6.05	47	0.1280	6.05	0.00	0.00%	7.03%	6.75%
Sub-Total: Distribution (based on two-tier RPP prices)			**43.05**			**43.05**	**0.00**	**0.00%**	**50.07%**	**48.04%**
Sub-Total: Distribution (based on TOU prices)			**43.48**			**43.48**	**0.00**	**0.00%**	**50.56%**	**48.51%**
Retail Transmission Rate – Network Service Rate	497	0.0077	3.83	497	0.0076	3.78	-0.05	-1.30%	4.39%	4.22%
Retail Transmission Rate – Line and Transformation Connection Service Rate	497	0.0068	3.38	497	0.0067	3.33	-0.05	-1.47%	3.87%	3.72%
Sub-Total: Retail Transmission			**7.21**			**7.11**	**-0.10**	**-1.38%**	**8.27%**	**7.93%**
Sub-Total: Delivery (based on two-tier RPP prices)			**50.26**			**50.16**	**-0.10**	**-0.20%**	**58.33%**	**55.97%**
Sub-Total: Delivery (based on TOU prices)			**50.69**			**50.59**	**-0.10**	**-0.20%**	**58.83%**	**56.44%**
Wholesale Market Service Rate (WMS) - not including CBR	497	0.0030	1.49	497	0.0030	1.49	0.00	0.00%	1.73%	1.66%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	497	0.0004	0.20	497	0.0004	0.20	0.00	0.00%	0.23%	0.22%
Rural Rate Protection Charge	497	0.0005	0.25	497	0.0005	0.25	0.00	0.00%	0.29%	0.28%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.29%	0.28%
Sub-Total: Regulatory			**2.19**			**2.19**	**0.00**	**0.00%**	**2.55%**	**2.44%**
Total Electricty Charge on Two-Tier RPP			**106.00**			**105.90**	**-0.10**	**-0.09%**	**123.15%**	
HST		0.13	13.78		0.13	13.77	-0.01	-0.09%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**119.78**			**119.67**	**-0.11**	**-0.09%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-33.71		-0.32	-33.68	0.03	0.09%	-39.16%	
Total Amount on Two-Tier RPP			**86.07**			**85.99**	**-0.08**	**-0.09%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**110.48**			**110.38**	**-0.10**	**-0.09%**		**123.15%**
HST		0.13	14.36		0.13	14.35	-0.01	-0.09%		16.01%
Total Electricity Charge on TOU (including HST)			**124.84**			**124.73**	**-0.11**	**-0.09%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-35.13		-0.32	-35.10	0.03	0.09%		-39.16%
Total Amount on TOU			**89.71**			**89.63**	**-0.08**	**-0.09%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (Low Consumption Level) - R2 (without DRP)

Rate Class	R2
Monthly Consumption (kWh)	450
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	497
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	450	0.119	53.55	450	0.119	53.55	0.00	0.00%	49.71%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**53.55**			**53.55**	**0.00**	**0.00%**	**49.71%**	
TOU-Off Peak	293	0.128	37.44	293	0.128	37.44	0.00	0.00%		33.62%
TOU-Mid Peak	77	0.128	9.79	77	0.128	9.79	0.00	0.00%		8.79%
TOU-On Peak	81	0.128	10.37	81	0.128	10.37	0.00	0.00%		9.31%
Sub-Total: Energy (RPP TOU)			**57.60**			**57.60**	0.00	0.00%	**53.47%**	**51.72%**
Service Charge	1	52.35	52.35	1	56.11	56.11	3.76	7.18%	52.09%	50.39%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	450	0.0226	10.17	450	0.0167	7.52	-2.66	-26.11%	6.98%	6.75%
Volumetric Foregone Revenue Charge	450	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	450	0.0000	0.00	450	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				450	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**62.52**			**63.63**	**1.11**	**1.77%**	**59.06%**	**57.13%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.53%	0.51%
Line Losses on Cost of Power (based on two-tier RPP prices)	47	0.1190	5.62	47	0.1190	5.62	0.00	0.00%	5.22%	5.05%
Line Losses on Cost of Power (based on TOU prices)	47	0.1280	6.05	47	0.1280	6.05	0.00	0.00%	5.61%	5.43%
Sub-Total: Distribution (based on two-tier RPP prices)			**68.71**			**69.82**	**1.10**	**1.61%**	**64.81%**	**62.70%**
Sub-Total: Distribution (based on TOU prices)			**69.14**			**70.24**	**1.11**	**1.60%**	**65.21%**	**63.08%**
Retail Transmission Rate – Network Service Rate	497	0.0077	3.83	497	0.0076	3.78	-0.05	-1.30%	3.51%	3.39%
Retail Transmission Rate – Line and Transformation Connection Service Rate	497	0.0068	3.38	497	0.0067	3.33	-0.05	-1.47%	3.09%	2.99%
Sub-Total: Retail Transmission			**7.21**			**7.11**	**-0.10**	**-1.38%**	**6.60%**	**6.39%**
Sub-Total: Delivery (based on two-tier RPP prices)			**75.92**			**76.93**	**1.01**	**1.32%**	**71.41%**	**69.08%**
Sub-Total: Delivery (based on TOU prices)			**76.35**			**77.35**	**1.01**	**1.32%**	**71.81%**	**69.46%**
Wholesale Market Service Rate (WMS) - not including CBR	497	0.0030	1.49	497	0.0030	1.49	0.00	0.00%	1.38%	1.34%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	497	0.0004	0.20	497	0.0004	0.20	0.00	0.00%	0.18%	0.18%
Rural Rate Protection Charge	497	0.0005	0.25	497	0.0005	0.25	0.00	0.00%	0.23%	0.22%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.23%	0.22%
Sub-Total: Regulatory			**2.19**			**2.19**	**0.00**	**0.00%**	**2.03%**	**1.97%**
Total Electricty Charge on Two-Tier RPP			**131.66**			**132.67**	**1.01**	**0.76%**	**123.15%**	
HST		0.13	17.12		0.13	17.25	0.13	0.76%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**148.78**			**149.91**	**1.14**	**0.76%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-41.87		-0.32	-42.19	-0.32	-0.76%	-39.16%	
Total Amount on Two-Tier RPP			**106.91**			**107.73**	**0.82**	**0.76%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**136.14**			**137.14**	**1.01**	**0.74%**		**123.15%**
HST		0.13	17.70		0.13	17.83	0.13	0.74%		16.01%
Total Electricity Charge on TOU (including HST)			**153.84**			**154.97**	**1.14**	**0.74%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-43.29		-0.32	-43.61	-0.32	-0.74%		-39.16%
Total Amount on TOU			**110.54**			**111.36**	**0.82**	**0.74%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (Typical Consumption Level) - R2 (with DRP)

Rate Class	R2
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	829
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	750	0.119	89.25	750	0.119	89.25	0.00	0.00%	72.61%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**89.25**			**89.25**	**0.00**	**0.00%**	**72.61%**	
TOU-Off Peak	488	0.128	62.40	488	0.128	62.40	0.00	0.00%		48.38%
TOU-Mid Peak	128	0.128	16.32	128	0.128	16.32	0.00	0.00%		12.65%
TOU-On Peak	135	0.128	17.28	135	0.128	17.28	0.00	0.00%		13.40%
Sub-Total: Energy (RPP TOU)			**96.00**			**96.00**	0.00	0.00%	**78.10%**	**74.43%**
Service Charge	1	52.35	52.35	1	56.11	56.11	3.76	7.18%	45.65%	43.50%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	750	0.0226	16.95	750	0.0167	12.53	-4.43	-26.11%	10.19%	9.71%
Volumetric Foregone Revenue Charge	750	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	750	0.0000	0.00	750	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				750	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			-32.44			-31.78	0.66	2.05%	-25.85%	-24.64%
Sub-Total: Distribution (excluding pass through)			**36.86**			**36.86**	**0.00**	**0.00%**	**29.99%**	**28.58%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.46%	0.44%
Line Losses on Cost of Power (based on two-tier RPP prices)	79	0.1190	9.37	79	0.1190	9.37	0.00	0.00%	7.62%	7.27%
Line Losses on Cost of Power (based on TOU prices)	79	0.1280	10.08	79	0.1280	10.08	0.00	0.00%	8.20%	7.82%
Sub-Total: Distribution (based on two-tier RPP prices)			**46.80**			**46.80**	**0.00**	**0.00%**	**38.07%**	**36.29%**
Sub-Total: Distribution (based on TOU prices)			**47.51**			**47.51**	**0.00**	**0.00%**	**38.65%**	**36.83%**
Retail Transmission Rate – Network Service Rate	829	0.0077	6.38	829	0.0076	6.30	-0.08	-1.30%	5.12%	4.88%
Retail Transmission Rate – Line and Transformation Connection Service Rate	829	0.0068	5.64	829	0.0067	5.55	-0.08	-1.47%	4.52%	4.31%
Sub-Total: Retail Transmission			**12.02**			**11.85**	**-0.17**	**-1.38%**	**9.64%**	**9.19%**
Sub-Total: Delivery (based on two-tier RPP prices)			**58.82**			**58.65**	**-0.17**	**-0.28%**	**47.71%**	**45.47%**
Sub-Total: Delivery (based on TOU prices)			**59.53**			**59.36**	**-0.17**	**-0.28%**	**48.29%**	**46.02%**
Wholesale Market Service Rate (WMS) - not including CBR	829	0.0030	2.49	829	0.0030	2.49	0.00	0.00%	2.02%	1.93%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	829	0.0004	0.33	829	0.0004	0.33	0.00	0.00%	0.27%	0.26%
Rural Rate Protection Charge	829	0.0005	0.41	829	0.0005	0.41	0.00	0.00%	0.34%	0.32%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.20%	0.19%
Sub-Total: Regulatory			**3.48**			**3.48**	**0.00**	**0.00%**	**2.83%**	**2.70%**
Total Electricty Charge on Two-Tier RPP			**151.55**			**151.38**	**-0.17**	**-0.11%**	**123.15%**	
HST		0.13	19.70		0.13	19.68	-0.02	-0.11%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**171.25**			**171.06**	**-0.19**	**-0.11%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-48.19		-0.32	-48.14	0.05	0.11%	-39.16%	
Total Amount on Two-Tier RPP			**123.06**			**122.92**	**-0.13**	**-0.11%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**159.01**			**158.84**	**-0.17**	**-0.10%**		**123.15%**
HST		0.13	20.67		0.13	20.65	-0.02	-0.10%		16.01%
Total Electricity Charge on TOU (including HST)			**179.68**			**179.49**	**-0.19**	**-0.10%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-50.56		-0.32	-50.51	0.05	0.10%		-39.16%
Total Amount on TOU			**129.12**			**128.98**	**-0.13**	**-0.10%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (Typical Consumption Level) - R2 (without DRP)

Rate Class	R2
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	829
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	750	0.119	89.25	750	0.119	89.25	0.00	0.00%	60.01%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**89.25**			**89.25**	**0.00**	**0.00%**	**60.01%**	
TOU-Off Peak	488	0.128	62.40	488	0.128	62.40	0.00	0.00%		40.31%
TOU-Mid Peak	128	0.128	16.32	128	0.128	16.32	0.00	0.00%		10.54%
TOU-On Peak	135	0.128	17.28	135	0.128	17.28	0.00	0.00%		11.16%
Sub-Total: Energy (RPP TOU)			**96.00**			**96.00**	0.00	0.00%	**64.55%**	**62.02%**
Service Charge	1	52.35	52.35	1	56.11	56.11	3.76	7.18%	37.73%	36.25%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	750	0.0226	16.95	750	0.0167	12.53	-4.43	-26.11%	8.42%	8.09%
Volumetric Foregone Revenue Charge	750	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	750	0.0000	0.00	750	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				750	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**69.30**			**68.64**	**-0.66**	**-0.96%**	**46.15%**	**44.34%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.38%	0.37%
Line Losses on Cost of Power (based on two-tier RPP prices)	79	0.1190	9.37	79	0.1190	9.37	0.00	0.00%	6.30%	6.05%
Line Losses on Cost of Power (based on TOU prices)	79	0.1280	10.08	79	0.1280	10.08	0.00	0.00%	6.78%	6.51%
Sub-Total: Distribution (based on two-tier RPP prices)			**79.24**			**78.58**	**-0.66**	**-0.84%**	**52.83%**	**50.77%**
Sub-Total: Distribution (based on TOU prices)			**79.95**			**79.29**	**-0.66**	**-0.83%**	**53.31%**	**51.22%**
Retail Transmission Rate – Network Service Rate	829	0.0077	6.38	829	0.0076	6.30	-0.08	-1.30%	4.23%	4.07%
Retail Transmission Rate – Line and Transformation Connection Service Rate	829	0.0068	5.64	829	0.0067	5.55	-0.08	-1.47%	3.73%	3.59%
Sub-Total: Retail Transmission			**12.02**			**11.85**	**-0.17**	**-1.38%**	**7.97%**	**7.66%**
Sub-Total: Delivery (based on two-tier RPP prices)			**91.26**			**90.43**	**-0.83**	**-0.91%**	**60.80%**	**58.42%**
Sub-Total: Delivery (based on TOU prices)			**91.97**			**91.14**	**-0.83**	**-0.90%**	**61.28%**	**58.88%**
Wholesale Market Service Rate (WMS) - not including CBR	829	0.0030	2.49	829	0.0030	2.49	0.00	0.00%	1.67%	1.61%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	829	0.0004	0.33	829	0.0004	0.33	0.00	0.00%	0.22%	0.21%
Rural Rate Protection Charge	829	0.0005	0.41	829	0.0005	0.41	0.00	0.00%	0.28%	0.27%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.17%	0.16%
Sub-Total: Regulatory			**3.48**			**3.48**	**0.00**	**0.00%**	**2.34%**	**2.25%**
Total Electricty Charge on Two-Tier RPP			**183.99**			**183.16**	**-0.83**	**-0.45%**	**123.15%**	
HST		0.13	23.92		0.13	23.81	-0.11	-0.45%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**207.91**			**206.97**	**-0.94**	**-0.45%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-58.51		-0.32	-58.24	0.26	0.45%	-39.16%	
Total Amount on Two-Tier RPP			**149.40**			**148.73**	**-0.67**	**-0.45%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**191.45**			**190.62**	**-0.83**	**-0.43%**		**123.15%**
HST		0.13	24.89		0.13	24.78	-0.11	-0.43%		16.01%
Total Electricity Charge on TOU (including HST)			**216.34**			**215.40**	**-0.94**	**-0.43%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-60.88		-0.32	-60.62	0.26	0.43%		-39.16%
Total Amount on TOU			**155.46**			**154.78**	**-0.67**	**-0.43%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (High Consumption Level) - R2 (with DRP)

Rate Class	R2
Monthly Consumption (kWh)	2300
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	2542
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	35.13%	
Energy Second Tier	1,300	0.139	180.70	1,300	0.139	180.70	0.00	0.00%	53.34%	
Sub-Total: Energy (RPP Tiered)			**299.70**			**299.70**	**0.00**	**0.00%**	**88.47%**	
TOU-Off Peak	1,495	0.128	191.36	1,495	0.128	191.36	0.00	0.00%		57.58%
TOU-Mid Peak	391	0.128	50.05	391	0.128	50.05	0.00	0.00%		15.06%
TOU-On Peak	414	0.128	52.99	414	0.128	52.99	0.00	0.00%		15.95%
Sub-Total: Energy (RPP TOU)			**294.40**			**294.40**	0.00	0.00%	**86.90%**	**88.59%**
Service Charge	1	52.35	52.35	1	56.11	56.11	3.76	7.18%	16.56%	16.88%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	2,300	0.0226	51.98	2,300	0.0167	38.41	-13.57	-26.11%	11.34%	11.56%
Volumetric Foregone Revenue Charge	2,300	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	2,300	0.0000	0.00	2,300	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				2,300	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			-67.47			-57.66	9.81	14.54%	-17.02%	-17.35%
Sub-Total: Distribution (excluding pass through)			**36.86**			**36.86**	**0.00**	**0.00%**	**10.88%**	**11.09%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.17%	0.17%
Line Losses on Cost of Power (based on two-tier RPP prices)	242	0.1390	33.57	242	0.1390	33.57	0.00	0.00%	9.91%	10.10%
Line Losses on Cost of Power (based on TOU prices)	242	0.1280	30.91	242	0.1280	30.91	0.00	0.00%	9.12%	9.30%
Sub-Total: Distribution (based on two-tier RPP prices)			**71.00**			**71.00**	**0.00**	**0.00%**	**20.96%**	**21.37%**
Sub-Total: Distribution (based on TOU prices)			**68.34**			**68.34**	**0.00**	**0.00%**	**20.17%**	**20.57%**
Retail Transmission Rate – Network Service Rate	2,542	0.0077	19.57	2,542	0.0076	19.32	-0.25	-1.30%	5.70%	5.81%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,542	0.0068	17.28	2,542	0.0067	17.03	-0.25	-1.47%	5.03%	5.12%
Sub-Total: Retail Transmission			**36.85**			**36.34**	**-0.51**	**-1.38%**	**10.73%**	**10.94%**
Sub-Total: Delivery (based on two-tier RPP prices)			**107.85**			**107.34**	**-0.51**	**-0.47%**	**31.69%**	**32.30%**
Sub-Total: Delivery (based on TOU prices)			**105.19**			**104.69**	**-0.51**	**-0.48%**	**30.90%**	**31.50%**
Wholesale Market Service Rate (WMS) - not including CBR	2,542	0.0030	7.62	2,542	0.0030	7.62	0.00	0.00%	2.25%	2.29%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	2,542	0.0004	1.02	2,542	0.0004	1.02	0.00	0.00%	0.30%	0.31%
Rural Rate Protection Charge	2,542	0.0005	1.27	2,542	0.0005	1.27	0.00	0.00%	0.38%	0.38%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.07%	0.08%
Sub-Total: Regulatory			**10.16**			**10.16**	**0.00**	**0.00%**	**3.00%**	**3.06%**
Total Electricty Charge on Two-Tier RPP			**417.71**			**417.20**	**-0.51**	**-0.12%**	**123.15%**	
HST		0.13	54.30		0.13	54.24	-0.07	-0.12%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**472.01**			**471.44**	**-0.57**	**-0.12%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-132.83		-0.32	-132.67	0.16	0.12%	-39.16%	
Total Amount on Two-Tier RPP			**339.18**			**338.77**	**-0.41**	**-0.12%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**409.76**			**409.25**	**-0.51**	**-0.12%**		**123.15%**
HST		0.13	53.27		0.13	53.20	-0.07	-0.12%		16.01%
Total Electricity Charge on TOU (including HST)			**463.02**			**462.45**	**-0.57**	**-0.12%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-130.30		-0.32	-130.14	0.16	0.12%		-39.16%
Total Amount on TOU			**332.72**			**332.31**	**-0.41**	**-0.12%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (High Consumption Level) - R2 (without DRP)

Rate Class	R2
Monthly Consumption (kWh)	2300
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	2542
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	30.86%	
Energy Second Tier	1,300	0.139	180.70	1,300	0.139	180.70	0.00	0.00%	46.86%	
Sub-Total: Energy (RPP Tiered)			**299.70**			**299.70**	**0.00**	**0.00%**	**77.73%**	
TOU-Off Peak	1,495	0.128	191.36	1,495	0.128	191.36	0.00	0.00%		50.47%
TOU-Mid Peak	391	0.128	50.05	391	0.128	50.05	0.00	0.00%		13.20%
TOU-On Peak	414	0.128	52.99	414	0.128	52.99	0.00	0.00%		13.98%
Sub-Total: Energy (RPP TOU)			**294.40**			**294.40**	0.00	0.00%	**76.35%**	**77.65%**
Service Charge	1	52.35	52.35	1	56.11	56.11	3.76	7.18%	14.55%	14.80%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	2,300	0.0226	51.98	2,300	0.0167	38.41	-13.57	-26.11%	9.96%	10.13%
Volumetric Foregone Revenue Charge	2,300	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	2,300	0.0000	0.00	2,300	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				2,300	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**104.33**			**94.52**	**-9.81**	**-9.40%**	**24.51%**	**24.93%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.15%	0.15%
Line Losses on Cost of Power (based on two-tier RPP prices)	242	0.1390	33.57	242	0.1390	33.57	0.00	0.00%	8.71%	8.85%
Line Losses on Cost of Power (based on TOU prices)	242	0.1280	30.91	242	0.1280	30.91	0.00	0.00%	8.02%	8.15%
Sub-Total: Distribution (based on two-tier RPP prices)			**138.47**			**128.66**	**-9.81**	**-7.08%**	**33.37%**	**33.94%**
Sub-Total: Distribution (based on TOU prices)			**135.81**			**126.00**	**-9.81**	**-7.22%**	**32.68%**	**33.23%**
Retail Transmission Rate – Network Service Rate	2,542	0.0077	19.57	2,542	0.0076	19.32	-0.25	-1.30%	5.01%	5.09%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,542	0.0068	17.28	2,542	0.0067	17.03	-0.25	-1.47%	4.42%	4.49%
Sub-Total: Retail Transmission			**36.85**			**36.34**	**-0.51**	**-1.38%**	**9.43%**	**9.59%**
Sub-Total: Delivery (based on two-tier RPP prices)			**175.32**			**165.00**	**-10.32**	**-5.89%**	**42.79%**	**43.52%**
Sub-Total: Delivery (based on TOU prices)			**172.66**			**162.35**	**-10.32**	**-5.98%**	**42.10%**	**42.82%**
Wholesale Market Service Rate (WMS) - not including CBR	2,542	0.0030	7.62	2,542	0.0030	7.62	0.00	0.00%	1.98%	2.01%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	2,542	0.0004	1.02	2,542	0.0004	1.02	0.00	0.00%	0.26%	0.27%
Rural Rate Protection Charge	2,542	0.0005	1.27	2,542	0.0005	1.27	0.00	0.00%	0.33%	0.34%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%	0.07%
Sub-Total: Regulatory			**10.16**			**10.16**	**0.00**	**0.00%**	**2.64%**	**2.68%**
Total Electricty Charge on Two-Tier RPP			**485.18**			**474.86**	**-10.32**	**-2.13%**	**123.15%**	
HST		0.13	63.07		0.13	61.73	-1.34	-2.13%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**548.26**			**536.60**	**-11.66**	**-2.13%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-154.29		-0.32	-151.01	3.28	2.13%	-39.16%	
Total Amount on Two-Tier RPP			**393.97**			**385.59**	**-8.38**	**-2.13%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**477.23**			**466.91**	**-10.32**	**-2.16%**		**123.15%**
HST		0.13	62.04		0.13	60.70	-1.34	-2.16%		16.01%
Total Electricity Charge on TOU (including HST)			**539.26**			**527.61**	**-11.66**	**-2.16%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-151.76		-0.32	-148.48	3.28	2.16%		-39.16%
Total Amount on TOU			**387.51**			**379.13**	**-8.38**	**-2.16%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (Low Consumption Level) - Seasonal to UR

Rate Class	Seasonal	UR
Monthly Consumption (kWh)	50	50
Peak (kW)	0	0
Loss factor	1.104	1.057
Commodity Threshold	1000	1000
Monthly Consumption (kWh) - Uplifted	55	53
Charge determinant	kWh	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	50	0.119	5.95	50	0.119	5.95	0.00	0.00%	16.56%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**5.95**			**5.95**	**0.00**	**0.00%**	**16.56%**	
TOU-Off Peak	33	0.128	4.16	33	0.128	4.16	0.00	0.00%		11.45%
TOU-Mid Peak	9	0.128	1.09	9	0.128	1.09	0.00	0.00%		3.00%
TOU-On Peak	9	0.128	1.15	9	0.128	1.15	0.00	0.00%		3.17%
Sub-Total: Energy (RPP TOU)			**6.40**			**6.40**	0.00	0.00%	**17.81%**	**17.62%**
Service Charge	1	50.37	50.37	1	36.06	36.06	-14.31	-28.41%	100.35%	99.29%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	50	0.0438	2.19	50	0.0000	0.00	-2.19	-100.00%	0.00%	0.00%
Volumetric Foregone Revenue Charge	50	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	50	0.0000	0.00	50	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				50	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**52.56**			**36.06**	**-16.50**	**-31.39%**	**100.35%**	**99.29%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	1.59%	1.57%
Line Losses on Cost of Power (based on two-tier RPP prices)	5	0.1190	0.62	3	0.1190	0.34	-0.28	-45.19%	0.94%	0.93%
Line Losses on Cost of Power (based on TOU prices)	5	0.1280	0.67	3	0.1280	0.36	-0.30	-45.19%	1.02%	1.00%
Sub-Total: Distribution (based on two-tier RPP prices)			**53.75**			**36.97**	**-16.78**	**-31.22%**	**102.88%**	**101.79%**
Sub-Total: Distribution (based on TOU prices)			**53.80**			**36.99**	**-16.80**	**-31.23%**	**102.95%**	**101.86%**
Retail Transmission Rate – Network Service Rate	55	0.0064	0.35	53	0.0089	0.47	0.12	33.14%	1.31%	1.30%
Retail Transmission Rate – Line and Transformation Connection Service Rate	55	0.0061	0.34	53	0.0077	0.41	0.07	20.86%	1.13%	1.12%
Sub-Total: Retail Transmission			**0.69**			**0.88**	**0.19**	**27.15%**	**2.44%**	**2.42%**
Sub-Total: Delivery (based on two-tier RPP prices)			**54.44**			**37.85**	**-16.59**	**-30.48%**	**105.32%**	**104.20%**
Sub-Total: Delivery (based on TOU prices)			**54.49**			**37.87**	**-16.61**	**-30.49%**	**105.40%**	**104.28%**
Wholesale Market Service Rate (WMS) - not including CBR	55	0.0030	0.17	53	0.0030	0.16	-0.01	-4.26%	0.44%	0.44%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	55	0.0004	0.02	53	0.0004	0.02	0.00	-4.26%	0.06%	0.06%
Rural Rate Protection Charge	55	0.0005	0.03	53	0.0005	0.03	0.00	-4.26%	0.07%	0.07%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.70%	0.69%
Sub-Total: Regulatory			**0.47**			**0.46**	**-0.01**	**-1.97%**	**1.27%**	**1.26%**
Total Electricty Charge on Two-Tier RPP			**60.85**			**44.25**	**-16.60**	**-27.28%**	**123.15%**	
HST		0.13	7.91		0.13	5.75	-2.16	-27.28%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**68.77**			**50.01**	**-18.76**	**-27.28%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-19.35		-0.32	-14.07	5.28	27.28%	-39.16%	
Total Amount on Two-Tier RPP			**49.41**			**35.93**	**-13.48**	**-27.28%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**61.35**			**44.73**	**-16.62**	**-27.09%**		**123.15%**
HST		0.13	7.98		0.13	5.81	-2.16	-27.09%		16.01%
Total Electricity Charge on TOU (including HST)			**69.33**			**50.54**	**-18.78**	**-27.09%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-19.51		-0.32	-14.22	5.29	27.09%		-39.16%
Total Amount on TOU			**49.82**			**36.32**	**-13.50**	**-27.09%**		**100.00%**

* Distribution rate protection applies to year-round customers in the R1 and R2 rate classes

2022 Bill Impacts (Average Consumption Level) - Seasonal to UR

Rate Class	Seasonal	UR
Monthly Consumption (kWh)	350	350
Peak (kW)	0	0
Loss factor	1.104	1.057
Commodity Threshold	1000	1000
Monthly Consumption (kWh) - Uplifted	386	370
Charge determinant	kWh	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	350	0.119	41.65	350	0.119	41.65	0.00	0.00%	57.97%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**41.65**			**41.65**	**0.00**	**0.00%**	**57.97%**	
TOU-Off Peak	228	0.128	29.12	228	0.128	29.12	0.00	0.00%		39.06%
TOU-Mid Peak	60	0.128	7.62	60	0.128	7.62	0.00	0.00%		10.22%
TOU-On Peak	63	0.128	8.06	63	0.128	8.06	0.00	0.00%		10.82%
Sub-Total: Energy (RPP TOU)			**44.80**			**44.80**	0.00	0.00%	**62.35%**	**60.09%**
Service Charge	1	50.37	50.37	1	36.06	36.06	-14.31	-28.41%	50.19%	48.37%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	350	0.0438	15.33	350	0.0000	0.00	-15.33	-100.00%	0.00%	0.00%
Volumetric Foregone Revenue Charge	350	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	350	0.0000	0.00	350	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				350	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**65.70**			**36.06**	**-29.64**	**-45.11%**	**50.19%**	**48.37%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.79%	0.76%
Line Losses on Cost of Power (based on two-tier RPP prices)	36	0.1190	4.33	20	0.1190	2.37	-1.96	-45.19%	3.30%	3.18%
Line Losses on Cost of Power (based on TOU prices)	36	0.1280	4.66	20	0.1280	2.55	-2.11	-45.19%	3.55%	3.43%
Sub-Total: Distribution (based on two-tier RPP prices)			**70.60**			**39.00**	**-31.60**	**-44.75%**	**54.28%**	**52.32%**
Sub-Total: Distribution (based on TOU prices)			**70.93**			**39.18**	**-31.75**	**-44.76%**	**54.53%**	**52.56%**
Retail Transmission Rate – Network Service Rate	386	0.0064	2.47	370	0.0089	3.29	0.82	33.14%	4.58%	4.42%
Retail Transmission Rate – Line and Transformation Connection Service Rate	386	0.0061	2.36	370	0.0077	2.85	0.49	20.86%	3.96%	3.82%
Sub-Total: Retail Transmission			**4.83**			**6.14**	**1.31**	**27.15%**	**8.55%**	**8.24%**
Sub-Total: Delivery (based on two-tier RPP prices)			**75.43**			**45.15**	**-30.29**	**-40.15%**	**62.83%**	**60.55%**
Sub-Total: Delivery (based on TOU prices)			**75.76**			**45.32**	**-30.43**	**-40.17%**	**63.08%**	**60.79%**
Wholesale Market Service Rate (WMS) - not including CBR	386	0.0030	1.16	370	0.0030	1.11	-0.05	-4.26%	1.54%	1.49%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	386	0.0004	0.15	370	0.0004	0.15	-0.01	-4.26%	0.21%	0.20%
Rural Rate Protection Charge	386	0.0005	0.19	370	0.0005	0.18	-0.01	-4.26%	0.26%	0.25%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.35%	0.34%
Sub-Total: Regulatory			**1.76**			**1.69**	**-0.06**	**-3.65%**	**2.36%**	**2.27%**
Total Electricty Charge on Two-Tier RPP			**118.84**			**88.49**	**-30.35**	**-25.54%**	**123.15%**	
HST		0.13	15.45		0.13	11.50	-3.95	-25.54%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**134.29**			**99.99**	**-34.30**	**-25.54%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-37.79		-0.32	-28.14	9.65	25.54%	-39.16%	
Total Amount on Two-Tier RPP			**96.50**			**71.85**	**-24.64**	**-25.54%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**122.32**			**91.82**	**-30.50**	**-24.93%**		**123.15%**
HST		0.13	15.90		0.13	11.94	-3.96	-24.93%		16.01%
Total Electricity Charge on TOU (including HST)			**138.22**			**103.75**	**-34.46**	**-24.93%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-38.90		-0.32	-29.20	9.70	24.93%		-39.16%
Total Amount on TOU			**99.32**			**74.56**	**-24.76**	**-24.93%**		**100.00%**

* Distribution rate protection applies to year-round customers in the R1 and R2 rate classes

2022 Bill Impacts (High Consumption Level) - Seasonal to UR

Rate Class	Seasonal	UR
Monthly Consumption (kWh)	1000	1000
Peak (kW)	0	0
Loss factor	1.104	1.057
Commodity Threshold	1000	1000
Monthly Consumption (kWh) - Uplifted	1104	1057
Charge determinant	kWh	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	79.50%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**119.00**			**119.00**	**0.00**	**0.00%**	**79.50%**	
TOU-Off Peak	650	0.128	83.20	650	0.128	83.20	0.00	0.00%		52.86%
TOU-Mid Peak	170	0.128	21.76	170	0.128	21.76	0.00	0.00%		13.82%
TOU-On Peak	180	0.128	23.04	180	0.128	23.04	0.00	0.00%		14.64%
Sub-Total: Energy (RPP TOU)			**128.00**			**128.00**	0.00	0.00%	**85.52%**	**81.32%**
Service Charge	1	50.37	50.37	1	36.06	36.06	-14.31	-28.41%	24.09%	22.91%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	1,000	0.0438	43.80	1,000	0.0000	0.00	-43.80	-100.00%	0.00%	0.00%
Volumetric Foregone Revenue Charge	1,000	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	1,000	0.0000	0.00	1,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				1,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**94.17**			**36.06**	**-58.11**	**-61.71%**	**24.09%**	**22.91%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.38%	0.36%
Line Losses on Cost of Power (based on two-tier RPP prices)	104	0.1190	12.38	57	0.1190	6.78	-5.59	-45.19%	4.53%	4.31%
Line Losses on Cost of Power (based on TOU prices)	104	0.1280	13.31	57	0.1280	7.30	-6.02	-45.19%	4.87%	4.64%
Sub-Total: Distribution (based on two-tier RPP prices)			**107.12**			**43.41**	**-63.70**	**-59.47%**	**29.00%**	**27.58%**
Sub-Total: Distribution (based on TOU prices)			**108.05**			**43.93**	**-64.13**	**-59.35%**	**29.35%**	**27.91%**
Retail Transmission Rate – Network Service Rate	1,104	0.0064	7.07	1,057	0.0089	9.41	2.34	33.14%	6.29%	5.98%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,104	0.0061	6.73	1,057	0.0077	8.14	1.40	20.86%	5.44%	5.17%
Sub-Total: Retail Transmission			**13.80**			**17.55**	**3.75**	**27.15%**	**11.72%**	**11.15%**
Sub-Total: Delivery (based on two-tier RPP prices)			**120.92**			**60.96**	**-59.96**	**-49.59%**	**40.73%**	**38.73%**
Sub-Total: Delivery (based on TOU prices)			**121.85**			**61.47**	**-60.38**	**-49.55%**	**41.07%**	**39.05%**
Wholesale Market Service Rate (WMS) - not including CBR	1,104	0.0030	3.31	1,057	0.0030	3.17	-0.14	-4.26%	2.12%	2.01%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	1,104	0.0004	0.44	1,057	0.0004	0.42	-0.02	-4.26%	0.28%	0.27%
Rural Rate Protection Charge	1,104	0.0005	0.55	1,057	0.0005	0.53	-0.02	-4.26%	0.35%	0.34%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.17%	0.16%
Sub-Total: Regulatory			**4.56**			**4.37**	**-0.18**	**-4.02%**	**2.92%**	**2.78%**
Total Electricty Charge on Two-Tier RPP			**244.47**			**184.33**	**-60.14**	**-24.60%**	**123.15%**	
HST		0.13	31.78		0.13	23.96	-7.82	-24.60%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**276.25**			**208.29**	**-67.96**	**-24.60%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-77.74		-0.32	-58.62	19.12	24.60%	-39.16%	
Total Amount on Two-Tier RPP			**198.51**			**149.68**	**-48.83**	**-24.60%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**254.41**			**193.84**	**-60.56**	**-23.81%**		**123.15%**
HST		0.13	33.07		0.13	25.20	-7.87	-23.81%		16.01%
Total Electricity Charge on TOU (including HST)			**287.48**			**219.04**	**-68.44**	**-23.81%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-80.90		-0.32	-61.64	19.26	23.81%		-39.16%
Total Amount on TOU			**206.58**			**157.40**	**-49.18**	**-23.81%**		**100.00%**

* Distribution rate protection applies to year-round customers in the R1 and R2 rate classes

2022 Bill Impacts (Low Consumption Level) - Seasonal to R1

Rate Class	Seasonal	R1
Monthly Consumption (kWh)	50	50
Peak (kW)	0	0
Loss factor	1.104	1.076
Commodity Threshold	1000	1000
Monthly Consumption (kWh) - Uplifted	55	54
Charge determinant	kWh	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	50	0.119	5.95	50	0.119	5.95	0.00	0.00%	12.15%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**5.95**			**5.95**	**0.00**	**0.00%**	**12.15%**	
TOU-Off Peak	33	0.128	4.16	33	0.128	4.16	0.00	0.00%		8.43%
TOU-Mid Peak	9	0.128	1.09	9	0.128	1.09	0.00	0.00%		2.20%
TOU-On Peak	9	0.128	1.15	9	0.128	1.15	0.00	0.00%		2.33%
Sub-Total: Energy (RPP TOU)			**6.40**			**6.40**	0.00	0.00%	**13.07%**	**12.97%**
Service Charge	1	50.37	50.37	1	51.53	51.53	1.16	2.30%	105.27%	104.43%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	50	0.0438	2.19	50	0.0100	0.50	-1.69	-77.17%	1.02%	1.01%
Volumetric Foregone Revenue Charge	50	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	50	0.0000	0.00	50	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				50	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**52.56**			**52.03**	**-0.53**	**-1.01%**	**106.29%**	**105.44%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	1.16%	1.16%
Line Losses on Cost of Power (based on two-tier RPP prices)	5	0.1190	0.62	4	0.1190	0.45	-0.17	-26.92%	0.92%	0.92%
Line Losses on Cost of Power (based on TOU prices)	5	0.1280	0.67	4	0.1280	0.49	-0.18	-26.92%	0.99%	0.99%
Sub-Total: Distribution (based on two-tier RPP prices)			**53.75**			**53.05**	**-0.70**	**-1.30%**	**108.38%**	**107.51%**
Sub-Total: Distribution (based on TOU prices)			**53.80**			**53.09**	**-0.71**	**-1.32%**	**108.45%**	**107.58%**
Retail Transmission Rate – Network Service Rate	55	0.0064	0.35	54	0.0081	0.44	0.08	23.35%	0.89%	0.88%
Retail Transmission Rate – Line and Transformation Connection Service Rate	55	0.0061	0.34	54	0.0072	0.39	0.05	15.04%	0.79%	0.79%
Sub-Total: Retail Transmission			**0.69**			**0.82**	**0.13**	**19.30%**	**1.68%**	**1.67%**
Sub-Total: Delivery (based on two-tier RPP prices)			**54.44**			**53.88**	**-0.56**	**-1.04%**	**110.06%**	**109.18%**
Sub-Total: Delivery (based on TOU prices)			**54.49**			**53.91**	**-0.58**	**-1.06%**	**110.13%**	**109.25%**
Wholesale Market Service Rate (WMS) - not including CBR	55	0.0030	0.17	54	0.0030	0.16	0.00	-2.54%	0.33%	0.33%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	55	0.0004	0.02	54	0.0004	0.02	0.00	-2.54%	0.04%	0.04%
Rural Rate Protection Charge	55	0.0005	0.03	54	0.0005	0.03	0.00	-2.54%	0.05%	0.05%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.51%	0.51%
Sub-Total: Regulatory			**0.47**			**0.46**	**-0.01**	**-1.17%**	**0.94%**	**0.93%**
Total Electricty Charge on Two-Tier RPP			**60.85**			**60.29**	**-0.57**	**-0.93%**	**123.15%**	
HST		0.13	7.91		0.13	7.84	-0.07	-0.93%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**68.77**			**68.12**	**-0.64**	**-0.93%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-19.35		-0.32	-19.17	0.18	0.93%	-39.16%	
Total Amount on Two-Tier RPP			**49.41**			**48.95**	**-0.46**	**-0.93%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**61.35**			**60.77**	**-0.58**	**-0.95%**		**123.15%**
HST		0.13	7.98		0.13	7.90	-0.08	-0.95%		16.01%
Total Electricity Charge on TOU (including HST)			**69.33**			**68.67**	**-0.66**	**-0.95%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-19.51		-0.32	-19.32	0.18	0.95%		-39.16%
Total Amount on TOU			**49.82**			**49.34**	**-0.47**	**-0.95%**		**100.00%**

* Distribution rate protection applies to year-round customers in the R1 and R2 rate classes

2022 Bill Impacts (Average Consumption Level) - Seasonal to R1

Rate Class	Seasonal	R1
Monthly Consumption (kWh)	350	350
Peak (kW)	0	0
Loss factor	1.104	1.076
Commodity Threshold	1000	1000
Monthly Consumption (kWh) - Uplifted	386	377
Charge determinant	kWh	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	350	0.119	41.65	350	0.119	41.65	0.00	0.00%	47.54%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**41.65**			**41.65**	**0.00**	**0.00%**	**47.54%**	
TOU-Off Peak	228	0.128	29.12	228	0.128	29.12	0.00	0.00%		32.23%
TOU-Mid Peak	60	0.128	7.62	60	0.128	7.62	0.00	0.00%		8.43%
TOU-On Peak	63	0.128	8.06	63	0.128	8.06	0.00	0.00%		8.92%
Sub-Total: Energy (RPP TOU)			**44.80**			**44.80**	0.00	0.00%	**51.13%**	**49.58%**
Service Charge	1	50.37	50.37	1	51.53	51.53	1.16	2.30%	58.82%	57.03%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	350	0.0438	15.33	350	0.0100	3.50	-11.83	-77.17%	3.99%	3.87%
Volumetric Foregone Revenue Charge	350	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	350	0.0000	0.00	350	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				350	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**65.70**			**55.03**	**-10.67**	**-16.24%**	**62.81%**	**60.90%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.65%	0.63%
Line Losses on Cost of Power (based on two-tier RPP prices)	36	0.1190	4.33	27	0.1190	3.17	-1.17	-26.92%	3.61%	3.50%
Line Losses on Cost of Power (based on TOU prices)	36	0.1280	4.66	27	0.1280	3.40	-1.25	-26.92%	3.89%	3.77%
Sub-Total: Distribution (based on two-tier RPP prices)			**70.60**			**58.77**	**-11.84**	**-16.76%**	**67.07%**	**65.03%**
Sub-Total: Distribution (based on TOU prices)			**70.93**			**59.00**	**-11.92**	**-16.81%**	**67.35%**	**65.30%**
Retail Transmission Rate – Network Service Rate	386	0.0064	2.47	377	0.0081	3.05	0.58	23.35%	3.48%	3.38%
Retail Transmission Rate – Line and Transformation Connection Service Rate	386	0.0061	2.36	377	0.0072	2.71	0.35	15.04%	3.09%	3.00%
Sub-Total: Retail Transmission			**4.83**			**5.76**	**0.93**	**19.30%**	**6.58%**	**6.38%**
Sub-Total: Delivery (based on two-tier RPP prices)			**75.43**			**64.53**	**-10.90**	**-14.46%**	**73.65%**	**71.41%**
Sub-Total: Delivery (based on TOU prices)			**75.76**			**64.77**	**-10.99**	**-14.51%**	**73.92%**	**71.67%**
Wholesale Market Service Rate (WMS) - not including CBR	386	0.0030	1.16	377	0.0030	1.13	-0.03	-2.54%	1.29%	1.25%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	386	0.0004	0.15	377	0.0004	0.15	0.00	-2.54%	0.17%	0.17%
Rural Rate Protection Charge	386	0.0005	0.19	377	0.0005	0.19	0.00	-2.54%	0.21%	0.21%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.29%	0.28%
Sub-Total: Regulatory			**1.76**			**1.72**	**-0.04**	**-2.18%**	**1.96%**	**1.90%**
Total Electricty Charge on Two-Tier RPP			**118.84**			**107.90**	**-10.94**	**-9.21%**	**123.15%**	
HST		0.13	15.45		0.13	14.03	-1.42	-9.21%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**134.29**			**121.92**	**-12.36**	**-9.21%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-37.79		-0.32	-34.31	3.48	9.21%	-39.16%	
Total Amount on Two-Tier RPP			**96.50**			**87.61**	**-8.89**	**-9.21%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**122.32**			**111.29**	**-11.03**	**-9.02%**		**123.15%**
HST		0.13	15.90		0.13	14.47	-1.43	-9.02%		16.01%
Total Electricity Charge on TOU (including HST)			**138.22**			**125.75**	**-12.46**	**-9.02%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-38.90		-0.32	-35.39	3.51	9.02%		-39.16%
Total Amount on TOU			**99.32**			**90.36**	**-8.96**	**-9.02%**		**100.00%**

* Distribution rate protection applies to year-round customers in the R1 and R2 rate classes

2022 Bill Impacts (High Consumption Level) - Seasonal to R1

Rate Class	Seasonal	R1
Monthly Consumption (kWh)	1000	1000
Peak (kW)	0	0
Loss factor	1.104	1.076
Commodity Threshold	1000	1000
Monthly Consumption (kWh) - Uplifted	1104	1076
Charge determinant	kWh	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	69.44%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**119.00**			**119.00**	**0.00**	**0.00%**	**69.44%**	
TOU-Off Peak	650	0.128	83.20	650	0.128	83.20	0.00	0.00%		46.42%
TOU-Mid Peak	170	0.128	21.76	170	0.128	21.76	0.00	0.00%		12.14%
TOU-On Peak	180	0.128	23.04	180	0.128	23.04	0.00	0.00%		12.85%
Sub-Total: Energy (RPP TOU)			**128.00**			**128.00**	0.00	0.00%	**74.69%**	**71.41%**
Service Charge	1	50.37	50.37	1	51.53	51.53	1.16	2.30%	30.07%	28.75%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	1,000	0.0438	43.80	1,000	0.0100	10.00	-33.80	-77.17%	5.84%	5.58%
Volumetric Foregone Revenue Charge	1,000	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	1,000	0.0000	0.00	1,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				1,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**94.17**			**61.53**	**-32.64**	**-34.66%**	**35.90%**	**34.33%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.33%	0.32%
Line Losses on Cost of Power (based on two-tier RPP prices)	104	0.1190	12.38	76	0.1190	9.04	-3.33	-26.92%	5.28%	5.05%
Line Losses on Cost of Power (based on TOU prices)	104	0.1280	13.31	76	0.1280	9.73	-3.58	-26.92%	5.68%	5.43%
Sub-Total: Distribution (based on two-tier RPP prices)			**107.12**			**71.14**	**-35.97**	**-33.58%**	**41.51%**	**39.69%**
Sub-Total: Distribution (based on TOU prices)			**108.05**			**71.83**	**-36.22**	**-33.52%**	**41.91%**	**40.07%**
Retail Transmission Rate – Network Service Rate	1,104	0.0064	7.07	1,076	0.0081	8.72	1.65	23.35%	5.09%	4.86%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,104	0.0061	6.73	1,076	0.0072	7.75	1.01	15.04%	4.52%	4.32%
Sub-Total: Retail Transmission			**13.80**			**16.46**	**2.66**	**19.30%**	**9.61%**	**9.18%**
Sub-Total: Delivery (based on two-tier RPP prices)			**120.92**			**87.61**	**-33.31**	**-27.55%**	**51.12%**	**48.88%**
Sub-Total: Delivery (based on TOU prices)			**121.85**			**88.29**	**-33.56**	**-27.54%**	**51.52%**	**49.26%**
Wholesale Market Service Rate (WMS) - not including CBR	1,104	0.0030	3.31	1,076	0.0030	3.23	-0.08	-2.54%	1.88%	1.80%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	1,104	0.0004	0.44	1,076	0.0004	0.43	-0.01	-2.54%	0.25%	0.24%
Rural Rate Protection Charge	1,104	0.0005	0.55	1,076	0.0005	0.54	-0.01	-2.54%	0.31%	0.30%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.15%	0.14%
Sub-Total: Regulatory			**4.56**			**4.45**	**-0.11**	**-2.40%**	**2.59%**	**2.48%**
Total Electricty Charge on Two-Tier RPP			**244.47**			**211.05**	**-33.42**	**-13.67%**	**123.15%**	
HST		0.13	31.78		0.13	27.44	-4.34	-13.67%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**276.25**			**238.49**	**-37.76**	**-13.67%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-77.74		-0.32	-67.11	10.63	13.67%	-39.16%	
Total Amount on Two-Tier RPP			**198.51**			**171.38**	**-27.14**	**-13.67%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**254.41**			**220.74**	**-33.67**	**-13.23%**		**123.15%**
HST		0.13	33.07		0.13	28.70	-4.38	-13.23%		16.01%
Total Electricity Charge on TOU (including HST)			**287.48**			**249.43**	**-38.05**	**-13.23%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-80.90		-0.32	-70.19	10.71	13.23%		-39.16%
Total Amount on TOU			**206.58**			**179.24**	**-27.34**	**-13.23%**		**100.00%**

* Distribution rate protection applies to year-round customers in the R1 and R2 rate classes

2022 Bill Impacts (Low Consumption Level) - Seasonal to R2

Rate Class	Seasonal	R2
Monthly Consumption (kWh)	50	50
Peak (kW)	0	0
Loss factor	1.104	1.105
Commodity Threshold	1000	1000
Monthly Consumption (kWh) - Uplifted	55	55
Charge determinant	kWh	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	50	0.119	5.95	50	0.119	5.95	0.00	0.00%	5.82%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**5.95**			**5.95**	**0.00**	**0.00%**	**5.82%**	
TOU-Off Peak	33	0.128	4.16	33	0.128	4.16	0.00	0.00%		4.05%
TOU-Mid Peak	9	0.128	1.09	9	0.128	1.09	0.00	0.00%		1.06%
TOU-On Peak	9	0.128	1.15	9	0.128	1.15	0.00	0.00%		1.12%
Sub-Total: Energy (RPP TOU)			**6.40**			**6.40**	0.00	0.00%	**6.26%**	**6.24%**
Service Charge	1	50.37	50.37	1	116.61	116.61	66.24	131.51%	114.12%	113.67%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	50	0.0438	2.19	50	0.0167	0.84	-1.36	-61.87%	0.82%	0.81%
Volumetric Foregone Revenue Charge	50	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	50	0.0000	0.00	50	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				50	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**52.56**			**117.45**	**64.89**	**123.45%**	**114.93%**	**114.48%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.56%	0.56%
Line Losses on Cost of Power (based on two-tier RPP prices)	5	0.1190	0.62	5	0.1190	0.62	0.01	0.96%	0.61%	0.61%
Line Losses on Cost of Power (based on TOU prices)	5	0.1280	0.67	5	0.1280	0.67	0.01	0.96%	0.66%	0.66%
Sub-Total: Distribution (based on two-tier RPP prices)			**53.75**			**118.64**	**64.89**	**120.73%**	**116.10%**	**115.64%**
Sub-Total: Distribution (based on TOU prices)			**53.80**			**118.69**	**64.89**	**120.63%**	**116.15%**	**115.69%**
Retail Transmission Rate – Network Service Rate	55	0.0064	0.35	55	0.0076	0.42	0.07	18.86%	0.41%	0.41%
Retail Transmission Rate – Line and Transformation Connection Service Rate	55	0.0061	0.34	55	0.0067	0.37	0.03	9.94%	0.36%	0.36%
Sub-Total: Retail Transmission			**0.69**			**0.79**	**0.10**	**14.50%**	**0.77%**	**0.77%**
Sub-Total: Delivery (based on two-tier RPP prices)			**54.44**			**119.43**	**64.99**	**119.38%**	**116.87%**	**116.41%**
Sub-Total: Delivery (based on TOU prices)			**54.49**			**119.48**	**64.99**	**119.28%**	**116.92%**	**116.46%**
Wholesale Market Service Rate (WMS) - not including CBR	55	0.0030	0.17	55	0.0030	0.17	0.00	0.09%	0.16%	0.16%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	55	0.0004	0.02	55	0.0004	0.02	0.00	0.09%	0.02%	0.02%
Rural Rate Protection Charge	55	0.0005	0.03	55	0.0005	0.03	0.00	0.09%	0.03%	0.03%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.24%	0.24%
Sub-Total: Regulatory			**0.47**			**0.47**	**0.00**	**0.04%**	**0.46%**	**0.45%**
Total Electricty Charge on Two-Tier RPP			**60.85**			**125.85**	**64.99**	**106.80%**	**123.15%**	
HST		0.13	7.91		0.13	16.36	8.45	106.80%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**68.77**			**142.21**	**73.44**	**106.80%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-19.35		-0.32	-40.02	-20.67	-106.80%	-39.16%	
Total Amount on Two-Tier RPP			**49.41**			**102.19**	**52.77**	**106.80%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**61.35**			**126.34**	**64.99**	**105.93%**		**123.15%**
HST		0.13	7.98		0.13	16.42	8.45	105.93%		16.01%
Total Electricity Charge on TOU (including HST)			**69.33**			**142.77**	**73.44**	**105.93%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-19.51		-0.32	-40.18	-20.67	-105.93%		-39.16%
Total Amount on TOU			**49.82**			**102.59**	**52.77**	**105.93%**		**100.00%**

* Distribution rate protection applies to year-round customers in the R1 and R2 rate classes

2022 Bill Impacts (Average Consumption Level) - Seasonal to R2

Rate Class	Seasonal	R2
Monthly Consumption (kWh)	350	350
Peak (kW)	0	0
Loss factor	1.104	1.105
Commodity Threshold	1000	1000
Monthly Consumption (kWh) - Uplifted	386	387
Charge determinant	kWh	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	350	0.119	41.65	350	0.119	41.65	0.00	0.00%	29.09%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**41.65**			**41.65**	**0.00**	**0.00%**	**29.09%**	
TOU-Off Peak	228	0.128	29.12	228	0.128	29.12	0.00	0.00%		19.94%
TOU-Mid Peak	60	0.128	7.62	60	0.128	7.62	0.00	0.00%		5.22%
TOU-On Peak	63	0.128	8.06	63	0.128	8.06	0.00	0.00%		5.52%
Sub-Total: Energy (RPP TOU)			**44.80**			**44.80**	0.00	0.00%	**31.29%**	**30.68%**
Service Charge	1	50.37	50.37	1	116.61	116.61	66.24	131.51%	81.44%	79.86%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	350	0.0438	15.33	350	0.0167	5.85	-9.49	-61.87%	4.08%	4.00%
Volumetric Foregone Revenue Charge	350	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	350	0.0000	0.00	350	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				350	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**65.70**			**122.46**	**56.76**	**86.39%**	**85.52%**	**83.87%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.40%	0.39%
Line Losses on Cost of Power (based on two-tier RPP prices)	36	0.1190	4.33	37	0.1190	4.37	0.04	0.96%	3.05%	3.00%
Line Losses on Cost of Power (based on TOU prices)	36	0.1280	4.66	37	0.1280	4.70	0.04	0.96%	3.29%	3.22%
Sub-Total: Distribution (based on two-tier RPP prices)			**70.60**			**127.40**	**56.80**	**80.45%**	**88.97%**	**87.25%**
Sub-Total: Distribution (based on TOU prices)			**70.93**			**127.73**	**56.80**	**80.08%**	**89.21%**	**87.48%**
Retail Transmission Rate – Network Service Rate	386	0.0064	2.47	387	0.0076	2.94	0.47	18.86%	2.05%	2.01%
Retail Transmission Rate – Line and Transformation Connection Service Rate	386	0.0061	2.36	387	0.0067	2.59	0.23	9.94%	1.81%	1.77%
Sub-Total: Retail Transmission			**4.83**			**5.53**	**0.70**	**14.50%**	**3.86%**	**3.79%**
Sub-Total: Delivery (based on two-tier RPP prices)			**75.43**			**132.93**	**57.50**	**76.22%**	**92.84%**	**91.04%**
Sub-Total: Delivery (based on TOU prices)			**75.76**			**133.26**	**57.50**	**75.90%**	**93.07%**	**91.27%**
Wholesale Market Service Rate (WMS) - not including CBR	386	0.0030	1.16	387	0.0030	1.16	0.00	0.09%	0.81%	0.79%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	386	0.0004	0.15	387	0.0004	0.15	0.00	0.09%	0.11%	0.11%
Rural Rate Protection Charge	386	0.0005	0.19	387	0.0005	0.19	0.00	0.09%	0.14%	0.13%
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			**1.76**			**1.76**	**0.00**	**0.08%**	**1.23%**	**1.20%**
Total Electricty Charge on Two-Tier RPP			**118.84**			**176.34**	**57.50**	**48.38%**	**123.15%**	
HST		0.13	15.45		0.13	22.92	7.47	48.38%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**134.29**			**199.26**	**64.97**	**48.38%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-37.79		-0.32	-56.08	-18.28	-48.38%	-39.16%	
Total Amount on Two-Tier RPP			**96.50**			**143.19**	**46.69**	**48.38%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**122.32**			**179.82**	**57.50**	**47.01%**		**123.15%**
HST		0.13	15.90		0.13	23.38	7.48	47.01%		16.01%
Total Electricity Charge on TOU (including HST)			**138.22**			**203.19**	**64.98**	**47.01%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-38.90		-0.32	-57.18	-18.29	-47.01%		-39.16%
Total Amount on TOU			**99.32**			**146.01**	**46.69**	**47.01%**		**100.00%**

* Distribution rate protection applies to year-round customers in the R1 and R2 rate classes

2022 Bill Impacts (High Consumption Level) - Seasonal to R2

Rate Class	Seasonal	R2
Monthly Consumption (kWh)	1000	1000
Peak (kW)	0	0
Loss factor	1.104	1.105
Commodity Threshold	1000	1000
Monthly Consumption (kWh) - Uplifted	1104	1105
Charge determinant	kWh	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	51.29%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**119.00**			**119.00**	**0.00**	**0.00%**	**51.29%**	
TOU-Off Peak	650	0.128	83.20	650	0.128	83.20	0.00	0.00%		34.65%
TOU-Mid Peak	170	0.128	21.76	170	0.128	21.76	0.00	0.00%		9.06%
TOU-On Peak	180	0.128	23.04	180	0.128	23.04	0.00	0.00%		9.60%
Sub-Total: Energy (RPP TOU)			**128.00**			**128.00**	0.00	0.00%	**55.17%**	**53.31%**
Service Charge	1	50.37	50.37	1	116.61	116.61	66.24	131.51%	50.26%	48.57%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	1,000	0.0438	43.80	1,000	0.0167	16.70	-27.10	-61.87%	7.20%	6.96%
Volumetric Foregone Revenue Charge	1,000	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	1,000	0.0000	0.00	1,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				1,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**94.17**			**133.31**	**39.14**	**41.56%**	**57.46%**	**55.52%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.25%	0.24%
Line Losses on Cost of Power (based on two-tier RPP prices)	104	0.1190	12.38	105	0.1190	12.50	0.12	0.96%	5.39%	5.20%
Line Losses on Cost of Power (based on TOU prices)	104	0.1280	13.31	105	0.1280	13.44	0.13	0.96%	5.79%	5.60%
Sub-Total: Distribution (based on two-tier RPP prices)			**107.12**			**146.38**	**39.26**	**36.65%**	**63.09%**	**60.97%**
Sub-Total: Distribution (based on TOU prices)			**108.05**			**147.32**	**39.27**	**36.34%**	**63.50%**	**61.36%**
Retail Transmission Rate – Network Service Rate	1,104	0.0064	7.07	1,105	0.0076	8.40	1.33	18.86%	3.62%	3.50%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,104	0.0061	6.73	1,105	0.0067	7.40	0.67	9.94%	3.19%	3.08%
Sub-Total: Retail Transmission			**13.80**			**15.80**	**2.00**	**14.50%**	**6.81%**	**6.58%**
Sub-Total: Delivery (based on two-tier RPP prices)			**120.92**			**162.18**	**41.26**	**34.12%**	**69.90%**	**67.55%**
Sub-Total: Delivery (based on TOU prices)			**121.85**			**163.12**	**41.27**	**33.87%**	**70.31%**	**67.94%**
Wholesale Market Service Rate (WMS) - not including CBR	1,104	0.0030	3.31	1,105	0.0030	3.32	0.00	0.09%	1.43%	1.38%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	1,104	0.0004	0.44	1,105	0.0004	0.44	0.00	0.09%	0.19%	0.18%
Rural Rate Protection Charge	1,104	0.0005	0.55	1,105	0.0005	0.55	0.00	0.09%	0.24%	0.23%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.11%	0.10%
Sub-Total: Regulatory			**4.56**			**4.56**	**0.00**	**0.09%**	**1.97%**	**1.90%**
Total Electricty Charge on Two-Tier RPP			**244.47**			**285.74**	**41.26**	**16.88%**	**123.15%**	
HST		0.13	31.78		0.13	37.15	5.36	16.88%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**276.25**			**322.88**	**46.63**	**16.88%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-77.74		-0.32	-90.86	-13.12	-16.88%	-39.16%	
Total Amount on Two-Tier RPP			**198.51**			**232.02**	**33.51**	**16.88%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**254.41**			**295.68**	**41.27**	**16.22%**		**123.15%**
HST		0.13	33.07		0.13	38.44	5.37	16.22%		16.01%
Total Electricity Charge on TOU (including HST)			**287.48**			**334.12**	**46.64**	**16.22%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-80.90		-0.32	-94.03	-13.12	-16.22%		-39.16%
Total Amount on TOU			**206.58**			**240.09**	**33.51**	**16.22%**		**100.00%**

* Distribution rate protection applies to year-round customers in the R1 and R2 rate classes

2022 Bill Impacts (Low Consumption Level) - GSe

Rate Class	GSe
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	1096
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	59.65%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**119.00**			**119.00**	**0.00**	**0.00%**	**59.65%**	
TOU-Off Peak	650	0.128	83.20	650	0.128	83.20	0.00	0.00%		40.10%
TOU-Mid Peak	170	0.128	21.76	170	0.128	21.76	0.00	0.00%		10.49%
TOU-On Peak	180	0.128	23.04	180	0.128	23.04	0.00	0.00%		11.10%
Sub-Total: Energy (RPP TOU)			**128.00**			**128.00**	0.00	0.00%	**64.17%**	**61.69%**
Service Charge	1	32.25	32.25	1	32.39	32.39	0.14	0.43%	16.24%	15.61%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	1,000	0.0637	63.70	1,000	0.0645	64.50	0.80	1.26%	32.33%	31.09%
Volumetric Foregone Revenue Charge	1,000	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	1,000	0.0000	0.00	1,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				1,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**95.95**			**96.89**	**0.94**	**0.98%**	**48.57%**	**46.70%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.29%	0.27%
Line Losses on Cost of Power (based on two-tier RPP prices)	96	0.1190	11.42	96	0.1190	11.42	0.00	0.00%	5.73%	5.51%
Line Losses on Cost of Power (based on TOU prices)	96	0.1280	12.29	96	0.1280	12.29	0.00	0.00%	6.16%	5.92%
Sub-Total: Distribution (based on two-tier RPP prices)			**107.94**			**108.88**	**0.94**	**0.87%**	**54.58%**	**52.48%**
Sub-Total: Distribution (based on TOU prices)			**108.81**			**109.75**	**0.94**	**0.86%**	**55.02%**	**52.89%**
Retail Transmission Rate – Network Service Rate	1,096	0.0065	7.12	1,096	0.0065	7.12	0.00	0.00%	3.57%	3.43%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,096	0.0056	6.14	1,096	0.0056	6.14	0.00	0.00%	3.08%	2.96%
Sub-Total: Retail Transmission			**13.26**			**13.26**	**0.00**	**0.00%**	**6.65%**	**6.39%**
Sub-Total: Delivery (based on two-tier RPP prices)			**121.21**			**122.15**	**0.94**	**0.78%**	**61.23%**	**58.87%**
Sub-Total: Delivery (based on TOU prices)			**122.07**			**123.01**	**0.94**	**0.77%**	**61.66%**	**59.28%**
Wholesale Market Service Rate (WMS) - not including CBR	1,096	0.0030	3.29	1,096	0.0030	3.29	0.00	0.00%	1.65%	1.58%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	1,096	0.0004	0.44	1,096	0.0004	0.44	0.00	0.00%	0.22%	0.21%
Rural Rate Protection Charge	1,096	0.0005	0.55	1,096	0.0005	0.55	0.00	0.00%	0.27%	0.26%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.13%	0.12%
Sub-Total: Regulatory			**4.52**			**4.52**	**0.00**	**0.00%**	**2.27%**	**2.18%**
Total Electricty Charge on Two-Tier RPP			**244.73**			**245.67**	**0.94**	**0.38%**	**123.15%**	
HST		0.13	31.81		0.13	31.94	0.12	0.38%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**276.54**			**277.61**	**1.06**	**0.38%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-77.82		-0.32	-78.12	-0.30	-0.38%	-39.16%	
Total Amount on Two-Tier RPP			**198.72**			**199.48**	**0.76**	**0.38%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**254.59**			**255.53**	**0.94**	**0.37%**		**123.15%**
HST		0.13	33.10		0.13	33.22	0.12	0.37%		16.01%
Total Electricity Charge on TOU (including HST)			**287.69**			**288.75**	**1.06**	**0.37%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-80.96		-0.32	-81.26	-0.30	-0.37%		-39.16%
Total Amount on TOU			**206.73**			**207.49**	**0.76**	**0.37%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (Typical Consumption Level) - GSe

Rate Class	GSe
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	2192
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	30.41%	
Energy Second Tier	1,000	0.139	139.00	1,000	0.139	139.00	0.00	0.00%	35.52%	
Sub-Total: Energy (RPP Tiered)			**258.00**			**258.00**	**0.00**	**0.00%**	**65.92%**	
TOU-Off Peak	1,300	0.128	166.40	1,300	0.128	166.40	0.00	0.00%		42.88%
TOU-Mid Peak	340	0.128	43.52	340	0.128	43.52	0.00	0.00%		11.22%
TOU-On Peak	360	0.128	46.08	360	0.128	46.08	0.00	0.00%		11.88%
Sub-Total: Energy (RPP TOU)			**256.00**			**256.00**	0.00	0.00%	**65.41%**	**65.98%**
Service Charge	1	32.25	32.25	1	32.39	32.39	0.14	0.43%	8.28%	8.35%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	2,000	0.0637	127.40	2,000	0.0645	129.00	1.60	1.26%	32.96%	33.25%
Volumetric Foregone Revenue Charge	2,000	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	2,000	0.0000	0.00	2,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				2,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**159.65**			**161.39**	**1.74**	**1.09%**	**41.24%**	**41.59%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.15%	0.15%
Line Losses on Cost of Power (based on two-tier RPP prices)	192	0.1390	26.69	192	0.1390	26.69	0.00	0.00%	6.82%	6.88%
Line Losses on Cost of Power (based on TOU prices)	192	0.1280	24.58	192	0.1280	24.58	0.00	0.00%	6.28%	6.33%
Sub-Total: Distribution (based on two-tier RPP prices)			**186.91**			**188.65**	**1.74**	**0.93%**	**48.20%**	**48.62%**
Sub-Total: Distribution (based on TOU prices)			**184.80**			**186.54**	**1.74**	**0.94%**	**47.66%**	**48.07%**
Retail Transmission Rate – Network Service Rate	2,192	0.0065	14.25	2,192	0.0065	14.25	0.00	0.00%	3.64%	3.67%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,192	0.0056	12.28	2,192	0.0056	12.28	0.00	0.00%	3.14%	3.16%
Sub-Total: Retail Transmission			**26.52**			**26.52**	**0.00**	**0.00%**	**6.78%**	**6.84%**
Sub-Total: Delivery (based on two-tier RPP prices)			**213.43**			**215.17**	**1.74**	**0.82%**	**54.98%**	**55.45%**
Sub-Total: Delivery (based on TOU prices)			**211.32**			**213.06**	**1.74**	**0.82%**	**54.44%**	**54.91%**
Wholesale Market Service Rate (WMS) - not including CBR	2,192	0.0030	6.58	2,192	0.0030	6.58	0.00	0.00%	1.68%	1.69%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	2,192	0.0004	0.88	2,192	0.0004	0.88	0.00	0.00%	0.22%	0.23%
Rural Rate Protection Charge	2,192	0.0005	1.10	2,192	0.0005	1.10	0.00	0.00%	0.28%	0.28%
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			**8.80**			**8.80**	**0.00**	**0.00%**	**2.25%**	**2.27%**
Total Electricty Charge on Two-Tier RPP			**480.23**			**481.97**	**1.74**	**0.36%**	**123.15%**	
HST		0.13	62.43		0.13	62.66	0.23	0.36%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**542.66**			**544.63**	**1.97**	**0.36%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-152.71		-0.32	-153.27	-0.55	-0.36%	-39.16%	
Total Amount on Two-Tier RPP			**389.95**			**391.36**	**1.41**	**0.36%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**476.12**			**477.86**	**1.74**	**0.37%**		**123.15%**
HST		0.13	61.90		0.13	62.12	0.23	0.37%		16.01%
Total Electricity Charge on TOU (including HST)			**538.01**			**539.98**	**1.97**	**0.37%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-151.41		-0.32	-151.96	-0.55	-0.37%		-39.16%
Total Amount on TOU			**386.61**			**388.02**	**1.41**	**0.37%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (High Consumption Level) - GSe

Rate Class	GSe
Monthly Consumption (kWh)	15000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	16440
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	4.15%	
Energy Second Tier	14,000	0.139	1,946.00	14,000	0.139	1,946.00	0.00	0.00%	67.91%	
Sub-Total: Energy (RPP Tiered)			**2,065.00**			**2,065.00**	**0.00**	**0.00%**	**72.06%**	
TOU-Off Peak	9,750	0.128	1,248.00	9,750	0.128	1,248.00	0.00	0.00%		45.63%
TOU-Mid Peak	2,550	0.128	326.40	2,550	0.128	326.40	0.00	0.00%		11.93%
TOU-On Peak	2,700	0.128	345.60	2,700	0.128	345.60	0.00	0.00%		12.64%
Sub-Total: Energy (RPP TOU)			**1,920.00**			**1,920.00**	0.00	0.00%	**67.00%**	**70.20%**
Service Charge	1	32.25	32.25	1	32.39	32.39	0.14	0.43%	1.13%	1.18%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	15,000	0.0637	955.50	15,000	0.0645	967.50	12.00	1.26%	33.76%	35.38%
Volumetric Foregone Revenue Charge	15,000	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	15,000	0.0000	0.00	15,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				15,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**987.75**			**999.89**	**12.14**	**1.23%**	**34.89%**	**36.56%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.02%	0.02%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,440	0.1390	200.16	1,440	0.1390	200.16	0.00	0.00%	6.99%	7.32%
Line Losses on Cost of Power (based on TOU prices)	1,440	0.1280	184.32	1,440	0.1280	184.32	0.00	0.00%	6.43%	6.74%
Sub-Total: Distribution (based on two-tier RPP prices)			**1,188.48**			**1,200.62**	**12.14**	**1.02%**	**41.90%**	**43.90%**
Sub-Total: Distribution (based on TOU prices)			**1,172.64**			**1,184.78**	**12.14**	**1.04%**	**41.35%**	**43.32%**
Retail Transmission Rate – Network Service Rate	16,440	0.0065	106.86	16,440	0.0065	106.86	0.00	0.00%	3.73%	3.91%
Retail Transmission Rate – Line and Transformation Connection Service Rate	16,440	0.0056	92.06	16,440	0.0056	92.06	0.00	0.00%	3.21%	3.37%
Sub-Total: Retail Transmission			**198.92**			**198.92**	**0.00**	**0.00%**	**6.94%**	**7.27%**
Sub-Total: Delivery (based on two-tier RPP prices)			**1,387.40**			**1,399.54**	**12.14**	**0.88%**	**48.84%**	**51.17%**
Sub-Total: Delivery (based on TOU prices)			**1,371.56**			**1,383.70**	**12.14**	**0.89%**	**48.29%**	**50.59%**
Wholesale Market Service Rate (WMS) - not including CBR	16,440	0.0030	49.32	16,440	0.0030	49.32	0.00	0.00%	1.72%	1.80%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	16,440	0.0004	6.58	16,440	0.0004	6.58	0.00	0.00%	0.23%	0.24%
Rural Rate Protection Charge	16,440	0.0005	8.22	16,440	0.0005	8.22	0.00	0.00%	0.29%	0.30%
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			**64.37**			**64.37**	**0.00**	**0.00%**	**2.25%**	**2.35%**
Total Electricty Charge on Two-Tier RPP			**3,516.77**			**3,528.91**	**12.14**	**0.35%**	**123.15%**	
HST		0.13	457.18		0.13	458.76	1.58	0.35%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**3,973.95**			**3,987.67**	**13.72**	**0.35%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-1,118.33		-0.32	-1,122.19	-3.86	-0.35%	-39.16%	
Total Amount on Two-Tier RPP			**2,855.62**			**2,865.47**	**9.86**	**0.35%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**3,355.93**			**3,368.07**	**12.14**	**0.36%**		**123.15%**
HST		0.13	436.27		0.13	437.85	1.58	0.36%		16.01%
Total Electricity Charge on TOU (including HST)			**3,792.20**			**3,805.92**	**13.72**	**0.36%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-1,067.19		-0.32	-1,071.05	-3.86	-0.36%		-39.16%
Total Amount on TOU			**2,725.02**			**2,734.87**	**9.86**	**0.36%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (Low Consumption Level) - UGe

Rate Class	UGe
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	1067
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	72.63%	
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%	
Sub-Total: Energy (RPP Tiered)			**119.00**			**119.00**	**0.00**	**0.00%**	**72.63%**	
TOU-Off Peak	650	0.128	83.20	650	0.128	83.20	0.00	0.00%		48.47%
TOU-Mid Peak	170	0.128	21.76	170	0.128	21.76	0.00	0.00%		12.68%
TOU-On Peak	180	0.128	23.04	180	0.128	23.04	0.00	0.00%		13.42%
Sub-Total: Energy (RPP TOU)			**128.00**			**128.00**	0.00	0.00%	**78.12%**	**74.57%**
Service Charge	1	25.41	25.41	1	25.58	25.58	0.17	0.67%	15.61%	14.90%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	1,000	0.0304	30.40	1,000	0.0307	30.70	0.30	0.99%	18.74%	17.89%
Volumetric Foregone Revenue Charge	1,000	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	1,000	0.0000	0.00	1,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				1,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**55.81**			**56.28**	**0.47**	**0.84%**	**34.35%**	**32.79%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.35%	0.33%
Line Losses on Cost of Power (based on two-tier RPP prices)	67	0.1190	7.97	67	0.1190	7.97	0.00	0.00%	4.87%	4.64%
Line Losses on Cost of Power (based on TOU prices)	67	0.1280	8.58	67	0.1280	8.58	0.00	0.00%	5.23%	5.00%
Sub-Total: Distribution (based on two-tier RPP prices)			**64.35**			**64.82**	**0.47**	**0.73%**	**39.56%**	**37.77%**
Sub-Total: Distribution (based on TOU prices)			**64.96**			**65.43**	**0.47**	**0.72%**	**39.93%**	**38.12%**
Retail Transmission Rate – Network Service Rate	1,067	0.0070	7.47	1,067	0.0070	7.47	0.00	0.00%	4.56%	4.35%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,067	0.0057	6.08	1,067	0.0057	6.08	0.00	0.00%	3.71%	3.54%
Sub-Total: Retail Transmission			**13.55**			**13.55**	**0.00**	**0.00%**	**8.27%**	**7.89%**
Sub-Total: Delivery (based on two-tier RPP prices)			**77.90**			**78.37**	**0.47**	**0.60%**	**47.83%**	**45.66%**
Sub-Total: Delivery (based on TOU prices)			**78.51**			**78.98**	**0.47**	**0.60%**	**48.20%**	**46.01%**
Wholesale Market Service Rate (WMS) - not including CBR	1,067	0.0030	3.20	1,067	0.0030	3.20	0.00	0.00%	1.95%	1.86%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	1,067	0.0004	0.43	1,067	0.0004	0.43	0.00	0.00%	0.26%	0.25%
Rural Rate Protection Charge	1,067	0.0005	0.53	1,067	0.0005	0.53	0.00	0.00%	0.33%	0.31%
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			**4.41**			**4.41**	**0.00**	**0.00%**	**2.69%**	**2.57%**
Total Electricty Charge on Two-Tier RPP			**201.32**			**201.79**	**0.47**	**0.23%**	**123.15%**	
HST		0.13	26.17		0.13	26.23	0.06	0.23%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**227.49**			**228.02**	**0.53**	**0.23%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-64.02		-0.32	-64.17	-0.15	-0.23%	-39.16%	
Total Amount on Two-Tier RPP			**163.47**			**163.85**	**0.38**	**0.23%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**210.92**			**211.39**	**0.47**	**0.22%**		**123.15%**
HST		0.13	27.42		0.13	27.48	0.06	0.22%		16.01%
Total Electricity Charge on TOU (including HST)			**238.34**			**238.87**	**0.53**	**0.22%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-67.07		-0.32	-67.22	-0.15	-0.22%		-39.16%
Total Amount on TOU			**171.27**			**171.65**	**0.38**	**0.22%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (Typical Consumption Level) - UGe

Rate Class	UGe
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	2134
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	36.65%	
Energy Second Tier	1,000	0.139	139.00	1,000	0.139	139.00	0.00	0.00%	42.81%	
Sub-Total: Energy (RPP Tiered)			**258.00**			**258.00**	**0.00**	**0.00%**	**79.46%**	
TOU-Off Peak	1,300	0.128	166.40	1,300	0.128	166.40	0.00	0.00%		51.70%
TOU-Mid Peak	340	0.128	43.52	340	0.128	43.52	0.00	0.00%		13.52%
TOU-On Peak	360	0.128	46.08	360	0.128	46.08	0.00	0.00%		14.32%
Sub-Total: Energy (RPP TOU)			**256.00**			**256.00**	0.00	0.00%	**78.85%**	**79.54%**
Service Charge	1	25.41	25.41	1	25.58	25.58	0.17	0.67%	7.88%	7.95%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	2,000	0.0304	60.80	2,000	0.0307	61.40	0.60	0.99%	18.91%	19.08%
Volumetric Foregone Revenue Charge	2,000	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	2,000	0.0000	0.00	2,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				2,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**86.21**			**86.98**	**0.77**	**0.89%**	**26.79%**	**27.02%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.18%	0.18%
Line Losses on Cost of Power (based on two-tier RPP prices)	134	0.1390	18.63	134	0.1390	18.63	0.00	0.00%	5.74%	5.79%
Line Losses on Cost of Power (based on TOU prices)	134	0.1280	17.15	134	0.1280	17.15	0.00	0.00%	5.28%	5.33%
Sub-Total: Distribution (based on two-tier RPP prices)			**105.41**			**106.18**	**0.77**	**0.73%**	**32.70%**	**32.99%**
Sub-Total: Distribution (based on TOU prices)			**103.93**			**104.70**	**0.77**	**0.74%**	**32.25%**	**32.53%**
Retail Transmission Rate – Network Service Rate	2,134	0.0070	14.94	2,134	0.0070	14.94	0.00	0.00%	4.60%	4.64%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,134	0.0057	12.16	2,134	0.0057	12.16	0.00	0.00%	3.75%	3.78%
Sub-Total: Retail Transmission			**27.10**			**27.10**	**0.00**	**0.00%**	**8.35%**	**8.42%**
Sub-Total: Delivery (based on two-tier RPP prices)			**132.51**			**133.28**	**0.77**	**0.58%**	**41.05%**	**41.41%**
Sub-Total: Delivery (based on TOU prices)			**131.03**			**131.80**	**0.77**	**0.59%**	**40.60%**	**40.95%**
Wholesale Market Service Rate (WMS) - not including CBR	2,134	0.0030	6.40	2,134	0.0030	6.40	0.00	0.00%	1.97%	1.99%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	2,134	0.0004	0.85	2,134	0.0004	0.85	0.00	0.00%	0.26%	0.27%
Rural Rate Protection Charge	2,134	0.0005	1.07	2,134	0.0005	1.07	0.00	0.00%	0.33%	0.33%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.08%	0.08%
Sub-Total: Regulatory			**8.57**			**8.57**	**0.00**	**0.00%**	**2.64%**	**2.66%**
Total Electricty Charge on Two-Tier RPP			**399.08**			**399.85**	**0.77**	**0.19%**	**123.15%**	
HST		0.13	51.88		0.13	51.98	0.10	0.19%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**450.96**			**451.83**	**0.87**	**0.19%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-126.91		-0.32	-127.15	-0.24	-0.19%	-39.16%	
Total Amount on Two-Tier RPP			**324.05**			**324.68**	**0.63**	**0.19%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**395.61**			**396.38**	**0.77**	**0.19%**		**123.15%**
HST		0.13	51.43		0.13	51.53	0.10	0.19%		16.01%
Total Electricity Charge on TOU (including HST)			**447.04**			**447.91**	**0.87**	**0.19%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-125.80		-0.32	-126.05	-0.24	-0.19%		-39.16%
Total Amount on TOU			**321.23**			**321.86**	**0.63**	**0.19%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (High Consumption Level) - UGe

Rate Class	UGe
Monthly Consumption (kWh)	15000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	16005
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	4.96%	
Energy Second Tier	14,000	0.139	1,946.00	14,000	0.139	1,946.00	0.00	0.00%	81.04%	
Sub-Total: Energy (RPP Tiered)			**2,065.00**			**2,065.00**	**0.00**	**0.00%**	**85.99%**	
TOU-Off Peak	9,750	0.128	1,248.00	9,750	0.128	1,248.00	0.00	0.00%		54.87%
TOU-Mid Peak	2,550	0.128	326.40	2,550	0.128	326.40	0.00	0.00%		14.35%
TOU-On Peak	2,700	0.128	345.60	2,700	0.128	345.60	0.00	0.00%		15.19%
Sub-Total: Energy (RPP TOU)			**1,920.00**			**1,920.00**	0.00	0.00%	**79.96%**	**84.41%**
Service Charge	1	25.41	25.41	1	25.58	25.58	0.17	0.67%	1.07%	1.12%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%	0.00%
Distribution Volumetric Charge	15,000	0.0304	456.00	15,000	0.0307	460.50	4.50	0.99%	19.18%	20.25%
Volumetric Foregone Revenue Charge	15,000	0.0000	0.00				0.00	N/A	0.00%	0.00%
Volumetric Deferral/Variance Account Rider (General)	15,000	0.0000	0.00	15,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Volumetric ESM Rider				15,000	0.0000	0.00	0.00	N/A	0.00%	0.00%
Fair Hydro Plan - Distribution Rate Protection Savings*			0.00			0.00	0.00	N/A	0.00%	0.00%
Sub-Total: Distribution (excluding pass through)			**481.41**			**486.08**	**4.67**	**0.97%**	**20.24%**	**21.37%**
Smart Metering Entity Charge	1	0.57	0.57	1	0.57	0.57	0.00	0.00%	0.02%	0.03%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,005	0.1390	139.70	1,005	0.1390	139.70	0.00	0.00%	5.82%	6.14%
Line Losses on Cost of Power (based on TOU prices)	1,005	0.1280	128.64	1,005	0.1280	128.64	0.00	0.00%	5.36%	5.66%
Sub-Total: Distribution (based on two-tier RPP prices)			**621.68**			**626.35**	**4.67**	**0.75%**	**26.08%**	**27.54%**
Sub-Total: Distribution (based on TOU prices)			**610.62**			**615.29**	**4.67**	**0.76%**	**25.62%**	**27.05%**
Retail Transmission Rate – Network Service Rate	16,005	0.0070	112.04	16,005	0.0070	112.04	0.00	0.00%	4.67%	4.93%
Retail Transmission Rate – Line and Transformation Connection Service Rate	16,005	0.0057	91.23	16,005	0.0057	91.23	0.00	0.00%	3.80%	4.01%
Sub-Total: Retail Transmission			**203.26**			**203.26**	**0.00**	**0.00%**	**8.46%**	**8.94%**
Sub-Total: Delivery (based on two-tier RPP prices)			**824.94**			**829.61**	**4.67**	**0.57%**	**34.55%**	**36.47%**
Sub-Total: Delivery (based on TOU prices)			**813.88**			**818.55**	**4.67**	**0.57%**	**34.09%**	**35.99%**
Wholesale Market Service Rate (WMS) - not including CBR	16,005	0.0030	48.02	16,005	0.0030	48.02	0.00	0.00%	2.00%	2.11%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	16,005	0.0004	6.40	16,005	0.0004	6.40	0.00	0.00%	0.27%	0.28%
Rural Rate Protection Charge	16,005	0.0005	8.00	16,005	0.0005	8.00	0.00	0.00%	0.33%	0.35%
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			**62.67**			**62.67**	**0.00**	**0.00%**	**2.61%**	**2.76%**
Total Electricty Charge on Two-Tier RPP			**2,952.61**			**2,957.28**	**4.67**	**0.16%**	**123.15%**	
HST		0.13	383.84		0.13	384.45	0.61	0.16%	16.01%	
Total Electricity Charge on Two-Tier RPP (including HST)			**3,336.45**			**3,341.72**	**5.28**	**0.16%**	**139.16%**	
Ontario Electricity Rebate (OER 13.8%)		-0.318	-938.93		-0.32	-940.41	-1.49	-0.16%	-39.16%	
Total Amount on Two-Tier RPP			**2,397.52**			**2,401.31**	**3.79**	**0.16%**	**100.00%**	
Total Electricty Charge on TOU (before HST)			**2,796.55**			**2,801.22**	**4.67**	**0.17%**		**123.15%**
HST		0.13	363.55		0.13	364.16	0.61	0.17%		16.01%
Total Electricity Charge on TOU (including HST)			**3,160.10**			**3,165.38**	**5.28**	**0.17%**		**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-889.30		-0.32	-890.79	-1.49	-0.17%		-39.16%
Total Amount on TOU			**2,270.80**			**2,274.59**	**3.79**	**0.17%**		**100.00%**

* Distribution rate protection applies to R1 and R2 customers

2022 Bill Impacts (Low Consumption Level) - GSd

Rate Class	GSd
Monthly Consumption (kWh)	15,000
Peak (kW)	60
Loss factor	1.061
Load factor	34%
Monthly Consumption (kWh) - Uplifted	15,915
Charge determinant	kW

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy (Non-RPP)*	15,915	0.126	**2,002.11**	15,915	0.126	**2,002.11**	**0.00**	**0.00%**	**50.63%**
Service Charge	1	107.53	107.53	1	107.77	107.77	0.24	0.22%	2.73%
Fixed Foregone Revenue Charge	1	0	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	60	18.2043	1,092.26	60	18.3815	1,102.89	10.63	0.97%	27.89%
Volumetric Foregone Revenue Charge	60	0	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	60	0.0000	0.00	60	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub Account CBR-B)				60	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub-Account Global Adjustment)	15,915	0.0000	0.00	15,915	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				60	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution			**1,199.79**			**1,210.66**	**10.87**	**0.91%**	**30.61%**
Retail Transmission Rate – Network Service Rate	60	2.0421	122.53	60	2.0421	122.53	0.00	0.00%	3.10%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.7006	102.04	60	1.7006	102.04	0.00	0.00%	2.58%
Sub-Total: Retail Transmission			**224.56**			**224.56**	**0.00**	**0.00%**	**5.68%**
Sub-Total: Delivery			**1,424.35**			**1,435.22**	**10.87**	**0.76%**	**36.29%**
Wholesale Market Service Rate (WMS) - not including CBR	15,915	0.0030	47.75	15,915	0.0030	47.75	0.00	0.00%	1.21%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	15,915	0.0004	6.37	15,915	0.0004	6.37	0.00	0.00%	0.16%
Rural Rate Protection Charge	15,915	0.0005	7.96	15,915	0.0005	7.96	0.00	0.00%	0.20%
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			**62.32**			**62.32**	**0.00**	**0.00%**	**1.58%**
Total Electricity Charge (before HST)			**3,488.78**			**3,499.65**	**10.87**	**0.31%**	**88.50%**
HST		0.13	453.54		0.13	454.95	1.41	0.31%	11.50%
Total Electricity Charge (including HST)			**3,942.32**			**3,954.60**	**12.29**	**0.31%**	**100.00%**
Ontario Rebate for Electricity Consumers (OREC)		0.00	0.00		0.00	0.00	0.00	N/A	0.00%
Total Amount			**3,942.32**			**3,954.60**	**12.29**	**0.31%**	**100.00%**

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2022 Bill Impacts (Average Consumption Level) - GSd

Rate Class	GSd
Monthly Consumption (kWh)	36,104
Peak (kW)	124
Loss factor	1.061
Load factor	40%
Monthly Consumption (kWh) - Uplifted	38,306
Charge determinant	kW

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy (Non-RPP)*	38,306	0.126	**4,818.94**	38,306	0.126	**4,818.94**	**0.00**	**0.00%**	**54.54%**
Service Charge	1	107.53	107.53	1	107.77	107.77	0.24	0.22%	1.22%
Fixed Foregone Revenue Charge	1	0	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	124	18.2043	2,257.33	124	18.3815	2,279.31	21.97	0.97%	25.79%
Volumetric Foregone Revenue Charge	124	0	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	124	0.0000	0.00	124	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub Account CBR-B)				124	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub-Account Global Adjustment)	38,306	0.0000	0.00	38,306	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				124	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution			**2,364.86**			**2,387.08**	**22.21**	**0.94%**	**27.01%**
Retail Transmission Rate – Network Service Rate	124	2.0421	253.22	124	2.0421	253.22	0.00	0.00%	2.87%
Retail Transmission Rate – Line and Transformation Connection Service Rate	124	1.7006	210.87	124	1.7006	210.87	0.00	0.00%	2.39%
Sub-Total: Retail Transmission			**464.09**			**464.09**	**0.00**	**0.00%**	**5.25%**
Sub-Total: Delivery			**2,828.96**			**2,851.17**	**22.21**	**0.79%**	**32.27%**
Wholesale Market Service Rate (WMS) - not including CBR	38,306	0.0030	114.92	38,306	0.0030	114.92	0.00	0.00%	1.30%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	38,306	0.0004	15.32	38,306	0.0004	15.32	0.00	0.00%	0.17%
Rural Rate Protection Charge	38,306	0.0005	19.15	38,306	0.0005	19.15	0.00	0.00%	0.22%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
Sub-Total: Regulatory			**149.64**			**149.64**	**0.00**	**0.00%**	**1.69%**
Total Electricity Charge (before HST)			**7,797.54**			**7,819.75**	**22.21**	**0.28%**	**88.50%**
HST		0.13	1,013.68		0.13	1,016.57	2.89	0.28%	11.50%
Total Electricity Charge (including HST)			**8,811.22**			**8,836.32**	**25.10**	**0.28%**	**100.00%**
Ontario Rebate for Electricity Consumers (OREC)		0.00	0.00		0.00	0.00	0.00	N/A	0.00%
Total Amount			**8,811.22**			**8,836.32**	**25.10**	**0.28%**	**100.00%**

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2022 Bill Impacts (High Consumption Level) - GSd

Rate Class	GSd
Monthly Consumption (kWh)	175,000
Peak (kW)	500
Loss factor	1.061
Load factor	48%
Monthly Consumption (kWh) - Uplifted	185,675
Charge determinant	kW

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy (Non-RPP)*	185,675	0.126	**23,357.92**	185,675	0.126	**23,357.92**	**0.00**	**0.00%**	**58.64%**
Service Charge	1	107.53	107.53	1	107.77	107.77	0.24	0.22%	0.27%
Fixed Foregone Revenue Charge	1	0	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	500	18.2043	9,102.15	500	18.3815	9,190.75	88.60	0.97%	23.07%
Volumetric Foregone Revenue Charge	500	0	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	500	0.0000	0.00	500	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub Account CBR-B)				500	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub-Account Global Adjustment)	185,675	0.0000	0.00	185,675	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				500	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution			**9,209.68**			**9,298.52**	**88.84**	**0.96%**	**23.34%**
Retail Transmission Rate – Network Service Rate	500	2.0421	1,021.05	500	2.0421	1,021.05	0.00	0.00%	2.56%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.7006	850.30	500	1.7006	850.30	0.00	0.00%	2.13%
Sub-Total: Retail Transmission			**1,871.35**			**1,871.35**	**0.00**	**0.00%**	**4.70%**
Sub-Total: Delivery			**11,081.03**			**11,169.87**	**88.84**	**0.80%**	**28.04%**
Wholesale Market Service Rate (WMS) - not including CBR	185,675	0.0030	557.03	185,675	0.0030	557.03	0.00	0.00%	1.40%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	185,675	0.0004	74.27	185,675	0.0004	74.27	0.00	0.00%	0.19%
Rural Rate Protection Charge	185,675	0.0005	92.84	185,675	0.0005	92.84	0.00	0.00%	0.23%
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			**724.38**			**724.38**	**0.00**	**0.00%**	**1.82%**
Total Electricity Charge (before HST)			**35,163.33**			**35,252.17**	**88.84**	**0.25%**	**88.50%**
HST		0.13	4,571.23		0.13	4,582.78	11.55	0.25%	11.50%
Total Electricity Charge (including HST)			**39,734.56**			**39,834.95**	**100.39**	**0.25%**	**100.00%**
Ontario Rebate for Electricity Consumers (OREC)		0.00	0.00		0.00	0.00	0.00	N/A	0.00%
Total Amount			**39,734.56**			**39,834.95**	**100.39**	**0.25%**	**100.00%**

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2022 Bill Impacts (Low Consumption Level) - UGd

Rate Class	UGd
Monthly Consumption (kWh)	15,000
Peak (kW)	60
Loss factor	1.050
Load factor	34%
Monthly Consumption (kWh) - Uplifted	15,750
Charge determinant	kW

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy (Non-RPP)*	15,750	0.126	**1,981.35**	15,750	0.126	**1,981.35**	**0.00**	**0.00%**	**57.19%**
Service Charge	1	99.51	99.51	1	99.49	99.49	-0.02	-0.02%	2.87%
Fixed Foregone Revenue Charge	1	0	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	60	10.488	629.28	60	10.6103	636.62	7.34	1.17%	18.38%
Volumetric Foregone Revenue Charge	60	0	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	60	0.0000	0.00	60	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub Account CBR-B)				60	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub-Account Global Adjustment)	15,750	0.0000	0.00	15,750	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				60	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution			**728.79**			**736.11**	**7.32**	**1.00%**	**21.25%**
Retail Transmission Rate – Network Service Rate	60	2.6172	157.03	60	2.6172	157.03	0.00	0.00%	4.53%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	2.1608	129.65	60	2.1608	129.65	0.00	0.00%	3.74%
Sub-Total: Retail Transmission			**286.68**			**286.68**	**0.00**	**0.00%**	**8.28%**
Sub-Total: Delivery			**1,015.47**			**1,022.79**	**7.32**	**0.72%**	**29.52%**
Wholesale Market Service Rate (WMS) - not including CBR	15,750	0.0030	47.25	15,750	0.0030	47.25	0.00	0.00%	1.36%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	15,750	0.0004	6.30	15,750	0.0004	6.30	0.00	0.00%	0.18%
Rural Rate Protection Charge	15,750	0.0005	7.88	15,750	0.0005	7.88	0.00	0.00%	0.23%
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			**61.68**			**61.68**	**0.00**	**0.00%**	**1.78%**
Total Electricity Charge (before HST)			**3,058.50**			**3,065.81**	**7.32**	**0.24%**	**88.50%**
HST		0.13	397.60		0.13	398.56	0.95	0.24%	11.50%
Total Electricity Charge (including HST)			**3,456.10**			**3,464.37**	**8.27**	**0.24%**	**100.00%**
Ontario Rebate for Electricity Consumers (OREC)		0.00	0.00		0.00	0.00	0.00	N/A	0.00%
Total Amount			**3,456.10**			**3,464.37**	**8.27**	**0.24%**	**100.00%**

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2022 Bill Impacts (Average Consumption Level) - UGd

Rate Class	UGd
Monthly Consumption (kWh)	50,525
Peak (kW)	135
Loss factor	1.050
Load factor	51%
Monthly Consumption (kWh) - Uplifted	53,051
Charge determinant	kW

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy (Non-RPP)*	53,051	0.126	**6,673.85**	53,051	0.126	**6,673.85**	**0.00**	**0.00%**	**65.20%**
Service Charge	1	99.51	99.51	1	99.49	99.49	-0.02	-0.02%	0.97%
Fixed Foregone Revenue Charge	1	0	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	135	10.488	1,415.88	135	10.6103	1,432.39	16.51	1.17%	13.99%
Volumetric Foregone Revenue Charge	135	0	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	135	0.0000	0.00	135	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub Account CBR-B)				135	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub-Account Global Adjustment)	53,051	0.0000	0.00	53,051	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				135	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution			**1,515.39**			**1,531.88**	**16.49**	**1.09%**	**14.97%**
Retail Transmission Rate – Network Service Rate	135	2.6172	353.32	135	2.6172	353.32	0.00	0.00%	3.45%
Retail Transmission Rate – Line and Transformation Connection Service Rate	135	2.1608	291.71	135	2.1608	291.71	0.00	0.00%	2.85%
Sub-Total: Retail Transmission			**645.03**			**645.03**	**0.00**	**0.00%**	**6.30%**
Sub-Total: Delivery			**2,160.42**			**2,176.91**	**16.49**	**0.76%**	**21.27%**
Wholesale Market Service Rate (WMS) - not including CBR	53,051	0.0030	159.15	53,051	0.0030	159.15	0.00	0.00%	1.55%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	53,051	0.0004	21.22	53,051	0.0004	21.22	0.00	0.00%	0.21%
Rural Rate Protection Charge	53,051	0.0005	26.53	53,051	0.0005	26.53	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%	0.00%
Sub-Total: Regulatory			**207.15**			**207.15**	**0.00**	**0.00%**	**2.02%**
Total Electricity Charge (before HST)			**9,041.42**			**9,057.91**	**16.49**	**0.18%**	**88.50%**
HST		0.13	1,175.38		0.13	1,177.53	2.14	0.18%	11.50%
Total Electricity Charge (including HST)			**10,216.80**			**10,235.44**	**18.63**	**0.18%**	**100.00%**
Ontario Rebate for Electricity Consumers (OREC)		0.00	0.00		0.00	0.00	0.00	N/A	0.00%
Total Amount			**10,216.80**			**10,235.44**	**18.63**	**0.18%**	**100.00%**

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2022 Bill Impacts (High Consumption Level) - UGd

Rate Class	UGd
Monthly Consumption (kWh)	175,000
Peak (kW)	500
Loss factor	1.050
Load factor	48%
Monthly Consumption (kWh) - Uplifted	183,750
Charge determinant	kW

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy (Non-RPP)*	183,750	0.126	**23,115.75**	183,750	0.126	**23,115.75**	**0.00**	**0.00%**	**64.68%**
Service Charge	1	99.51	99.51	1	99.49	99.49	-0.02	-0.02%	0.28%
Fixed Foregone Revenue Charge	1	0	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	500	10.488	5,244.00	500	10.6103	5,305.15	61.15	1.17%	14.84%
Volumetric Foregone Revenue Charge	500	0	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	500	0.0000	0.00	500	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub Account CBR-B)				500	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub-Account Global Adjustment)	183,750	0.0000	0.00	183,750	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				500	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution			**5,343.51**			**5,404.64**	**61.13**	**1.14%**	**15.12%**
Retail Transmission Rate – Network Service Rate	500	2.6172	1,308.60	500	2.6172	1,308.60	0.00	0.00%	3.66%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	2.1608	1,080.40	500	2.1608	1,080.40	0.00	0.00%	3.02%
Sub-Total: Retail Transmission			**2,389.00**			**2,389.00**	**0.00**	**0.00%**	**6.68%**
Sub-Total: Delivery			**7,732.51**			**7,793.64**	**61.13**	**0.79%**	**21.81%**
Wholesale Market Service Rate (WMS) - not including CBR	183,750	0.0030	551.25	183,750	0.0030	551.25	0.00	0.00%	1.54%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	183,750	0.0004	73.50	183,750	0.0004	73.50	0.00	0.00%	0.21%
Rural Rate Protection Charge	183,750	0.0005	91.88	183,750	0.0005	91.88	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%	0.00%
Sub-Total: Regulatory			**716.88**			**716.88**	**0.00**	**0.00%**	**2.01%**
Total Electricity Charge (before HST)			**31,565.14**			**31,626.27**	**61.13**	**0.19%**	**88.50%**
HST		0.13	4,103.47		0.13	4,111.41	7.95	0.19%	11.50%
Total Electricity Charge (including HST)			**35,668.60**			**35,737.68**	**69.08**	**0.19%**	**100.00%**
Ontario Rebate for Electricity Consumers (OREC)		0.00	0.00		0.00	0.00	0.00	N/A	0.00%
Total Amount			**35,668.60**			**35,737.68**	**69.08**	**0.19%**	**100.00%**

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2022 Bill Impacts (Low Consumption Level) - St Lgt

Rate Class	St Lgt
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	109
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP
Energy First Tier	100	0.119	11.90	100	0.119	11.90	0.00	0.00%	50.65%
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%
Sub-Total: Energy (RPP Tiered)			**11.90**			**11.90**	**0.00**	**0.00%**	**50.65%**
Service Charge	1	3.48	3.48	1	3.52	3.52	0.04	1.15%	14.98%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				0	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	100	0.1064	10.64	100	0.108	10.76	0.12	1.13%	45.80%
Volumetric Foregone Revenue Charge	100	0.0000	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	100	0.0000	0.00	100	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				100	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution (excluding pass through)			**14.12**			**14.28**	**0.16**	**1.13%**	**60.78%**
Line Losses on Cost of Power (based on two-tier RPP prices)	9	0.1190	1.09	9	0.1190	1.09	0.00	0.00%	4.66%
Sub-Total: Distribution (based on two-tier RPP prices)			**15.21**			**15.37**	**0.16**	**1.05%**	**65.44%**
Retail Transmission Rate – Network Service Rate	109	0.0054	0.59	109	0.0054	0.59	0.00	0.00%	2.51%
Retail Transmission Rate – Line and Transformation Connection Service Rate	109	0.0036	0.39	109	0.0036	0.39	0.00	0.00%	1.67%
Sub-Total: Retail Transmission			**0.98**			**0.98**	**0.00**	**0.00%**	**4.18%**
Sub-Total: Delivery (based on two-tier RPP prices)			**16.20**			**16.36**	**0.16**	**0.99%**	**69.62%**
Wholesale Market Service Rate (WMS) - not including CBR	109	0.0030	0.33	109	0.0030	0.33	0.00	0.00%	1.39%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	109	0.0004	0.04	109	0.0004	0.04	0.00	0.00%	0.19%
Rural Rate Protection Charge	109	0.0005	0.05	109	0.0005	0.05	0.00	0.00%	0.23%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	1.06%
Sub-Total: Regulatory			**0.68**			**0.68**	**0.00**	**0.00%**	**2.88%**
Total Electricty Charge on Two-Tier RPP			**28.77**			**28.93**	**0.16**	**0.56%**	**123.15%**
HST		0.13	3.74		0.13	3.76	0.02	0.56%	16.01%
Total Electricity Charge on Two-Tier RPP (including HST)			**32.51**			**32.69**	**0.18**	**0.56%**	**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-9.15		-0.32	-9.20	-0.05	-0.56%	-39.16%
Total Amount on Two-Tier RPP			**23.36**			**23.49**	**0.13**	**0.56%**	**100.00%**

2022 Bill Impacts (Average Consumption Level) - St Lgt

Rate Class	St Lgt
Monthly Consumption (kWh)	517
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	565
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP
Energy First Tier	517	0.119	61.52	517	0.119	61.52	0.00	0.00%	56.60%
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%
Sub-Total: Energy (RPP Tiered)			**61.52**			**61.52**	**0.00**	**0.00%**	**56.60%**
Service Charge	1	3.48	3.48	1	3.52	3.52	0.04	1.15%	3.24%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				0	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	517	0.1064	55.01	517	0.108	55.63	0.62	1.13%	51.18%
Volumetric Foregone Revenue Charge	517	0.0000	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	517	0.0000	0.00	517	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				517	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution (excluding pass through)			**58.49**			**59.15**	**0.66**	**1.13%**	**54.42%**
Line Losses on Cost of Power (based on two-tier RPP prices)	48	0.1190	5.66	48	0.1190	5.66	0.00	0.00%	5.21%
Sub-Total: Distribution (based on two-tier RPP prices)			**64.15**			**64.81**	**0.66**	**1.03%**	**59.62%**
Retail Transmission Rate – Network Service Rate	565	0.0054	3.05	565	0.0054	3.05	0.00	0.00%	2.80%
Retail Transmission Rate – Line and Transformation Connection Service Rate	565	0.0036	2.03	565	0.0036	2.03	0.00	0.00%	1.87%
Sub-Total: Retail Transmission			**5.08**			**5.08**	**0.00**	**0.00%**	**4.67%**
Sub-Total: Delivery (based on two-tier RPP prices)			**69.23**			**69.89**	**0.66**	**0.95%**	**64.30%**
Wholesale Market Service Rate (WMS) - not including CBR	565	0.0030	1.69	565	0.0030	1.69	0.00	0.00%	1.56%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	565	0.0004	0.23	565	0.0004	0.23	0.00	0.00%	0.21%
Rural Rate Protection Charge	565	0.0005	0.28	565	0.0005	0.28	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%	0.23%
Sub-Total: Regulatory			**2.45**			**2.45**	**0.00**	**0.00%**	**2.26%**
Total Electricty Charge on Two-Tier RPP			**133.20**			**133.87**	**0.66**	**0.50%**	**123.15%**
HST		0.13	17.32		0.13	17.40	0.09	0.50%	16.01%
Total Electricity Charge on Two-Tier RPP (including HST)			**150.52**			**151.27**	**0.75**	**0.50%**	**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-42.36		-0.32	-42.57	-0.21	-0.50%	-39.16%
Total Amount on Two-Tier RPP			**108.16**			**108.70**	**0.54**	**0.50%**	**100.00%**

2022 Bill Impacts (High Consumption Level) - St Lgt

Rate Class	St Lgt
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	2184
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	27.61%
Energy Second Tier	1,000	0.139	139.00	1,000	0.139	139.00	0.00	0.00%	32.25%
Sub-Total: Energy (RPP Tiered)			**258.00**			**258.00**	**0.00**	**0.00%**	**59.87%**
Service Charge	1	3.48	3.48	1	3.52	3.52	0.04	1.15%	0.82%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				0	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	2,000	0.1064	212.80	2,000	0.108	215.20	2.40	1.13%	49.94%
Volumetric Foregone Revenue Charge	2,000	0.0000	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	2,000	0.0000	0.00	2,000	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				2,000	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution (excluding pass through)			**216.28**			**218.72**	**2.44**	**1.13%**	**50.75%**
Line Losses on Cost of Power (based on two-tier RPP prices)	184	0.1390	25.58	184	0.1390	25.58	0.00	0.00%	5.93%
Sub-Total: Distribution (based on two-tier RPP prices)			**241.86**			**244.30**	**2.44**	**1.01%**	**56.69%**
Retail Transmission Rate – Network Service Rate	2,184	0.0054	11.79	2,184	0.0054	11.79	0.00	0.00%	2.74%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,184	0.0036	7.86	2,184	0.0036	7.86	0.00	0.00%	1.82%
Sub-Total: Retail Transmission			**19.66**			**19.66**	**0.00**	**0.00%**	**4.56%**
Sub-Total: Delivery (based on two-tier RPP prices)			**261.51**			**263.95**	**2.44**	**0.93%**	**61.25%**
Wholesale Market Service Rate (WMS) - not including CBR	2,184	0.0030	6.55	2,184	0.0030	6.55	0.00	0.00%	1.52%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	2,184	0.0004	0.87	2,184	0.0004	0.87	0.00	0.00%	0.20%
Rural Rate Protection Charge	2,184	0.0005	1.09	2,184	0.0005	1.09	0.00	0.00%	0.25%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%
Sub-Total: Regulatory			**8.77**			**8.77**	**0.00**	**0.00%**	**2.03%**
Total Electricty Charge on Two-Tier RPP			**528.28**			**530.72**	**2.44**	**0.46%**	**123.15%**
HST		0.13	68.68		0.13	68.99	0.32	0.46%	16.01%
Total Electricity Charge on Two-Tier RPP (including HST)			**596.96**			**599.71**	**2.76**	**0.46%**	**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-167.99		-0.32	-168.77	-0.78	-0.46%	-39.16%
Total Amount on Two-Tier RPP			**428.96**			**430.94**	**1.98**	**0.46%**	**100.00%**

2022 Bill Impacts (Low Consumption Level) - Sen Lgt

Rate Class	Sen Lgt
Monthly Consumption (kWh)	20
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	22
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP
Energy First Tier	20	0.119	2.38	20	0.119	2.38	0.00	0.00%	31.07%
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%
Sub-Total: Energy (RPP Tiered)			**2.38**			**2.38**	**0.00**	**0.00%**	**31.07%**
Service Charge	1	2.82	2.82	1	3.02	3.02	0.20	7.09%	39.42%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				0	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	20	0.1534	3.07	20	0.164	3.28	0.21	6.98%	42.84%
Volumetric Foregone Revenue Charge	20	0.0000	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	20	0.0000	0.00	20	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				20	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution (excluding pass through)			**5.89**			**6.30**	**0.41**	**7.03%**	**82.26%**
Line Losses on Cost of Power (based on two-tier RPP prices)	2	0.1190	0.22	2	0.1190	0.22	0.00	0.00%	2.86%
Sub-Total: Distribution (based on two-tier RPP prices)			**6.11**			**6.52**	**0.41**	**6.78%**	**85.12%**
Retail Transmission Rate – Network Service Rate	22	0.0054	0.12	22	0.0054	0.12	0.00	0.00%	1.54%
Retail Transmission Rate – Line and Transformation Connection Service Rate	22	0.0037	0.08	22	0.0037	0.08	0.00	0.00%	1.05%
Sub-Total: Retail Transmission			**0.20**			**0.20**	**0.00**	**0.00%**	**2.59%**
Sub-Total: Delivery (based on two-tier RPP prices)			**6.31**			**6.72**	**0.41**	**6.57%**	**87.71%**
Wholesale Market Service Rate (WMS) - not including CBR	22	0.0030	0.07	22	0.0030	0.07	0.00	0.00%	0.86%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	22	0.0004	0.01	22	0.0004	0.01	0.00	0.00%	0.11%
Rural Rate Protection Charge	22	0.0005	0.01	22	0.0005	0.01	0.00	0.00%	0.14%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	3.26%
Sub-Total: Regulatory			**0.34**			**0.34**	**0.00**	**0.00%**	**4.38%**
Total Electricty Charge on Two-Tier RPP			**9.02**			**9.43**	**0.41**	**4.59%**	**123.15%**
HST		0.13	1.17		0.13	1.23	0.05	4.59%	16.01%
Total Electricity Charge on Two-Tier RPP (including HST)			**10.19**			**10.66**	**0.47**	**4.59%**	**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-2.87		-0.32	-3.00	-0.13	-4.59%	-39.16%
Total Amount on Two-Tier RPP			**7.32**			**7.66**	**0.34**	**4.59%**	**100.00%**

2022 Bill Impacts (Average Consumption Level) - Sen Lgt

Rate Class	Sen Lgt
Monthly Consumption (kWh)	71
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	78
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP
Energy First Tier	71	0.119	8.45	71	0.119	8.45	0.00	0.00%	41.36%
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%
Sub-Total: Energy (RPP Tiered)			**8.45**			**8.45**	**0.00**	**0.00%**	**41.36%**
Service Charge	1	2.82	2.82	1	3.02	3.02	0.20	7.09%	14.78%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				0	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	71	0.1534	10.89	71	0.164	11.65	0.76	6.98%	57.04%
Volumetric Foregone Revenue Charge	71	0.0000	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	71	0.0000	0.00	71	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				71	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution (excluding pass through)			**13.71**			**14.67**	**0.96**	**7.00%**	**71.83%**
Line Losses on Cost of Power (based on two-tier RPP prices)	7	0.1190	0.78	7	0.1190	0.78	0.00	0.00%	3.81%
Sub-Total: Distribution (based on two-tier RPP prices)			**14.49**			**15.45**	**0.96**	**6.62%**	**75.63%**
Retail Transmission Rate – Network Service Rate	78	0.0054	0.42	78	0.0054	0.42	0.00	0.00%	2.05%
Retail Transmission Rate – Line and Transformation Connection Service Rate	78	0.0037	0.29	78	0.0037	0.29	0.00	0.00%	1.40%
Sub-Total: Retail Transmission			**0.71**			**0.71**	**0.00**	**0.00%**	**3.45%**
Sub-Total: Delivery (based on two-tier RPP prices)			**15.19**			**16.15**	**0.96**	**6.32%**	**79.08%**
Wholesale Market Service Rate (WMS) - not including CBR	78	0.0030	0.23	78	0.0030	0.23	0.00	0.00%	1.14%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	78	0.0004	0.03	78	0.0004	0.03	0.00	0.00%	0.15%
Rural Rate Protection Charge	78	0.0005	0.04	78	0.0005	0.04	0.00	0.00%	0.19%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	1.22%
Sub-Total: Regulatory			**0.55**			**0.55**	**0.00**	**0.00%**	**2.70%**
Total Electricty Charge on Two-Tier RPP			**24.20**			**25.16**	**0.96**	**3.97%**	**123.15%**
HST		0.13	3.15		0.13	3.27	0.12	3.97%	16.01%
Total Electricity Charge on Two-Tier RPP (including HST)			**27.34**			**28.43**	**1.08**	**3.97%**	**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-7.69		-0.32	-8.00	-0.31	-3.97%	-39.16%
Total Amount on Two-Tier RPP			**19.65**			**20.43**	**0.78**	**3.97%**	**100.00%**

2022 Bill Impacts (High Consumption Level) - Sen Lgt

Rate Class	Sen Lgt
Monthly Consumption (kWh)	200
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	218
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP
Energy First Tier	200	0.119	23.80	200	0.119	23.80	0.00	0.00%	45.15%
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%
Sub-Total: Energy (RPP Tiered)			**23.80**			**23.80**	**0.00**	**0.00%**	**45.15%**
Service Charge	1	2.82	2.82	1	3.02	3.02	0.20	7.09%	5.73%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				0	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	200	0.1534	30.68	200	0.164	32.82	2.14	6.98%	62.26%
Volumetric Foregone Revenue Charge	200	0.0000	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	200	0.0000	0.00	200	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				200	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution (excluding pass through)			**33.50**			**35.84**	**2.34**	**6.99%**	**67.99%**
Line Losses on Cost of Power (based on two-tier RPP prices)	18	0.1190	2.19	18	0.1190	2.19	0.00	0.00%	4.15%
Sub-Total: Distribution (based on two-tier RPP prices)			**35.69**			**38.03**	**2.34**	**6.56%**	**72.14%**
Retail Transmission Rate – Network Service Rate	218	0.0054	1.18	218	0.0054	1.18	0.00	0.00%	2.24%
Retail Transmission Rate – Line and Transformation Connection Service Rate	218	0.0037	0.81	218	0.0037	0.81	0.00	0.00%	1.53%
Sub-Total: Retail Transmission			**1.99**			**1.99**	**0.00**	**0.00%**	**3.77%**
Sub-Total: Delivery (based on two-tier RPP prices)			**37.68**			**40.02**	**2.34**	**6.21%**	**75.91%**
Wholesale Market Service Rate (WMS) - not including CBR	218	0.0030	0.66	218	0.0030	0.66	0.00	0.00%	1.24%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	218	0.0004	0.09	218	0.0004	0.09	0.00	0.00%	0.17%
Rural Rate Protection Charge	218	0.0005	0.11	218	0.0005	0.11	0.00	0.00%	0.21%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.47%
Sub-Total: Regulatory			**1.10**			**1.10**	**0.00**	**0.00%**	**2.09%**
Total Electricty Charge on Two-Tier RPP			**62.58**			**64.92**	**2.34**	**3.74%**	**123.15%**
HST		0.13	8.14		0.13	8.44	0.30	3.74%	16.01%
Total Electricity Charge on Two-Tier RPP (including HST)			**70.71**			**73.36**	**2.64**	**3.74%**	**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-19.90		-0.32	-20.64	-0.74	-3.74%	-39.16%
Total Amount on Two-Tier RPP			**50.81**			**52.71**	**1.90**	**3.74%**	**100.00%**

2022 Bill Impacts (Low Consumption Level) - USL

Rate Class	USL
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	109
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP
Energy First Tier	100	0.119	11.90	100	0.119	11.90	0.00	0.00%	26.26%
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%
Sub-Total: Energy (RPP Tiered)			**11.90**			**11.90**	**0.00**	**0.00%**	**26.26%**
Service Charge	1	37.32	37.32	1	38.49	38.49	1.17	3.14%	84.93%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				0	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	100	0.0250	2.50	100	0.026	2.56	0.06	2.40%	5.65%
Volumetric Foregone Revenue Charge	100	0.0000	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	100	0.0000	0.00	100	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				100	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution (excluding pass through)			**39.82**			**41.05**	**1.23**	**3.09%**	**90.58%**
Line Losses on Cost of Power (based on two-tier RPP prices)	9	0.1190	1.09	9	0.1190	1.09	0.00	0.00%	2.42%
Sub-Total: Distribution (based on two-tier RPP prices)			**40.91**			**42.14**	**1.23**	**3.01%**	**92.99%**
Retail Transmission Rate – Network Service Rate	109	0.0054	0.59	109	0.0054	0.59	0.00	0.00%	1.30%
Retail Transmission Rate – Line and Transformation Connection Service Rate	109	0.0046	0.50	109	0.0046	0.50	0.00	0.00%	1.11%
Sub-Total: Retail Transmission			**1.09**			**1.09**	**0.00**	**0.00%**	**2.41%**
Sub-Total: Delivery (based on two-tier RPP prices)			**42.01**			**43.24**	**1.23**	**2.93%**	**95.40%**
Wholesale Market Service Rate (WMS) - not including CBR	109	0.0030	0.33	109	0.0030	0.33	0.00	0.00%	0.72%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	109	0.0004	0.04	109	0.0004	0.04	0.00	0.00%	0.10%
Rural Rate Protection Charge	109	0.0005	0.05	109	0.0005	0.05	0.00	0.00%	0.12%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.55%
Sub-Total: Regulatory			**0.68**			**0.68**	**0.00**	**0.00%**	**1.49%**
Total Electricty Charge on Two-Tier RPP			**54.58**			**55.81**	**1.23**	**2.25%**	**123.15%**
HST		0.13	7.10		0.13	7.26	0.16	2.25%	16.01%
Total Electricity Charge on Two-Tier RPP (including HST)			**61.68**			**63.07**	**1.39**	**2.25%**	**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-17.36		-0.32	-17.75	-0.39	-2.25%	-39.16%
Total Amount on Two-Tier RPP			**44.32**			**45.32**	**1.00**	**2.25%**	**100.00%**

2022 Bill Impacts (Average Consumption Level) - USL

Rate Class	USL
Monthly Consumption (kWh)	364
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	397
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP
Energy First Tier	364	0.119	43.32	364	0.119	43.32	0.00	0.00%	52.88%
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%
Sub-Total: Energy (RPP Tiered)			**43.32**			**43.32**	**0.00**	**0.00%**	**52.88%**
Service Charge	1	37.32	37.32	1	38.49	38.49	1.17	3.14%	46.99%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				0	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	364	0.0250	9.10	364	0.026	9.32	0.22	2.40%	11.38%
Volumetric Foregone Revenue Charge	364	0.0000	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	364	0.0000	0.00	364	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				364	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution (excluding pass through)			**46.42**			**47.81**	**1.39**	**2.99%**	**58.36%**
Line Losses on Cost of Power (based on two-tier RPP prices)	33	0.1190	3.99	33	0.1190	3.99	0.00	0.00%	4.86%
Sub-Total: Distribution (based on two-tier RPP prices)			**50.41**			**51.79**	**1.39**	**2.75%**	**63.23%**
Retail Transmission Rate – Network Service Rate	397	0.0054	2.15	397	0.0054	2.15	0.00	0.00%	2.62%
Retail Transmission Rate – Line and Transformation Connection Service Rate	397	0.0046	1.83	397	0.0046	1.83	0.00	0.00%	2.23%
Sub-Total: Retail Transmission			**3.97**			**3.97**	**0.00**	**0.00%**	**4.85%**
Sub-Total: Delivery (based on two-tier RPP prices)			**54.38**			**55.77**	**1.39**	**2.55%**	**68.08%**
Wholesale Market Service Rate (WMS) - not including CBR	397	0.0030	1.19	397	0.0030	1.19	0.00	0.00%	1.46%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	397	0.0004	0.16	397	0.0004	0.16	0.00	0.00%	0.19%
Rural Rate Protection Charge	397	0.0005	0.20	397	0.0005	0.20	0.00	0.00%	0.24%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.31%
Sub-Total: Regulatory			**1.80**			**1.80**	**0.00**	**0.00%**	**2.20%**
Total Electricty Charge on Two-Tier RPP			**99.50**			**100.88**	**1.39**	**1.40%**	**123.15%**
HST		0.13	12.93		0.13	13.11	0.18	1.40%	16.01%
Total Electricity Charge on Two-Tier RPP (including HST)			**112.43**			**114.00**	**1.57**	**1.40%**	**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-31.64		-0.32	-32.08	-0.44	-1.40%	-39.16%
Total Amount on Two-Tier RPP			**80.79**			**81.92**	**1.13**	**1.40%**	**100.00%**

2022 Bill Impacts (High Consumption Level) - USL

Rate Class	USL
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	1000
Monthly Consumption (kWh) - Uplifted	1092
Charge determinant	kWh

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill on RPP
Energy First Tier	1,000	0.119	119.00	1,000	0.119	119.00	0.00	0.00%	69.96%
Energy Second Tier	0	0.139	0.00	0	0.139	0.00	0.00	N/A	0.00%
Sub-Total: Energy (RPP Tiered)			**119.00**			**119.00**	**0.00**	**0.00%**	**69.96%**
Service Charge	1	37.32	37.32	1	38.49	38.49	1.17	3.14%	22.63%
Fixed Foregone Revenue Charge	1	0.00	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				0	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	1,000	0.0250	25.00	1,000	0.026	25.60	0.60	2.40%	15.05%
Volumetric Foregone Revenue Charge	1,000	0.0000	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	1,000	0.0000	0.00	1,000	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				1,000	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution (excluding pass through)			**62.32**			**64.09**	**1.77**	**2.84%**	**37.68%**
Line Losses on Cost of Power (based on two-tier RPP prices)	92	0.1190	10.95	92	0.1190	10.95	0.00	0.00%	6.44%
Sub-Total: Distribution (based on two-tier RPP prices)			**73.27**			**75.04**	**1.77**	**2.42%**	**44.12%**
Retail Transmission Rate – Network Service Rate	1,092	0.0054	5.90	1,092	0.0054	5.90	0.00	0.00%	3.47%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,092	0.0046	5.02	1,092	0.0046	5.02	0.00	0.00%	2.95%
Sub-Total: Retail Transmission			**10.92**			**10.92**	**0.00**	**0.00%**	**6.42%**
Sub-Total: Delivery (based on two-tier RPP prices)			**84.19**			**85.96**	**1.77**	**2.10%**	**50.54%**
Wholesale Market Service Rate (WMS) - not including CBR	1,092	0.0030	3.28	1,092	0.0030	3.28	0.00	0.00%	1.93%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	1,092	0.0004	0.44	1,092	0.0004	0.44	0.00	0.00%	0.26%
Rural Rate Protection Charge	1,092	0.0005	0.55	1,092	0.0005	0.55	0.00	0.00%	0.32%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.15%
Sub-Total: Regulatory			**4.51**			**4.51**	**0.00**	**0.00%**	**2.65%**
Total Electricty Charge on Two-Tier RPP			**207.70**			**209.47**	**1.77**	**0.85%**	**123.15%**
HST		0.13	27.00		0.13	27.23	0.23	0.85%	16.01%
Total Electricity Charge on Two-Tier RPP (including HST)			**234.70**			**236.70**	**2.00**	**0.85%**	**139.16%**
Ontario Electricity Rebate (OER 13.8%)		-0.318	-66.05		-0.32	-66.61	-0.56	-0.85%	-39.16%
Total Amount on Two-Tier RPP			**168.65**			**170.09**	**1.44**	**0.85%**	**100.00%**

2022 Bill Impacts (Low Consumption Level) - DGen

Rate Class	DGen
Monthly Consumption (kWh)	300
Peak (kW)	10
Loss factor	1.061
Load factor	4%
Monthly Consumption (kWh) - Uplifted	318
Charge determinant	kW

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy (Non-RPP)*	318	0.126	**40.04**	318	0.126	**40.04**	**0.00**	**0.00%**	**9.89%**
Service Charge	1	194.19	194.19	1	196.41	196.41	2.22	1.14%	48.53%
Fixed Foregone Revenue Charge	1	0	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	10	9.7488	97.49	10	10.1977	101.98	4.49	4.60%	25.20%
Volumetric Foregone Revenue Charge	10	0	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	10	0.0000	0.00	10	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub Account CBR-B)				10	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub-Account Global Adjustment)	318	0.0000	0.00	318	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				10	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution			**291.68**			**298.39**	**6.71**	**2.30%**	**73.73%**
Retail Transmission Rate – Network Service Rate	10	0.9927	9.93	10	0.9927	9.93	0.00	0.00%	2.45%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10	0.8284	8.28	10	0.8284	8.28	0.00	0.00%	2.05%
Sub-Total: Retail Transmission			**18.21**			**18.21**	**0.00**	**0.00%**	**4.50%**
Sub-Total: Delivery			**309.89**			**316.60**	**6.71**	**2.16%**	**78.23%**
Wholesale Market Service Rate (WMS) - not including CBR	318	0.0030	0.95	318	0.0030	0.95	0.00	0.00%	0.24%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	318	0.0004	0.13	318	0.0004	0.13	0.00	0.00%	0.03%
Rural Rate Protection Charge	318	0.0005	0.16	318	0.0005	0.16	0.00	0.00%	0.04%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%
Sub-Total: Regulatory			**1.49**			**1.49**	**0.00**	**0.00%**	**0.37%**
Total Electricity Charge (before HST)			**351.42**			**358.13**	**6.71**	**1.91%**	**88.50%**
HST		0.13	45.68		0.13	46.56	0.87	1.91%	11.50%
Total Electricity Charge (including HST)			**397.11**			**404.69**	**7.58**	**1.91%**	**100.00%**
Ontario Rebate for Electricity Consumers (OREC)		0.00	0.00		0.00	0.00	0.00	N/A	0.00%
Total Amount			**397.11**			**404.69**	**7.58**	**1.91%**	**100.00%**

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2022 Bill Impacts (Average Consumption Level) - DGen

Rate Class	DGen
Monthly Consumption (kWh)	1,328
Peak (kW)	13
Loss factor	1.061
Load factor	14%
Monthly Consumption (kWh) - Uplifted	1,409
Charge determinant	kW

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy (Non-RPP)*	1,409	0.126	**177.25**	1,409	0.126	**177.25**	**0.00**	**0.00%**	**29.28%**
Service Charge	1	194.19	194.19	1	196.41	196.41	2.22	1.14%	32.45%
Fixed Foregone Revenue Charge	1	0	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	13	9.7488	126.73	13	10.1977	132.57	5.84	4.60%	21.90%
Volumetric Foregone Revenue Charge	13	0	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	13	0.0000	0.00	13	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub Account CBR-B)				13	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub-Account Global Adjustment)	1,409	0.0000	0.00	1,409	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				13	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution			**320.92**			**328.98**	**8.06**	**2.51%**	**54.35%**
Retail Transmission Rate – Network Service Rate	13	0.9927	12.91	13	0.9927	12.91	0.00	0.00%	2.13%
Retail Transmission Rate – Line and Transformation Connection Service Rate	13	0.8284	10.77	13	0.8284	10.77	0.00	0.00%	1.78%
Sub-Total: Retail Transmission			**23.67**			**23.67**	**0.00**	**0.00%**	**3.91%**
Sub-Total: Delivery			**344.60**			**352.65**	**8.06**	**2.34%**	**58.26%**
Wholesale Market Service Rate (WMS) - not including CBR	1,409	0.0030	4.23	1,409	0.0030	4.23	0.00	0.00%	0.70%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	1,409	0.0004	0.56	1,409	0.0004	0.56	0.00	0.00%	0.09%
Rural Rate Protection Charge	1,409	0.0005	0.70	1,409	0.0005	0.70	0.00	0.00%	0.12%
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			**5.75**			**5.75**	**0.00**	**0.00%**	**0.95%**
Total Electricity Charge (before HST)			**527.60**			**535.65**	**8.06**	**1.53%**	**88.50%**
HST		0.13	68.59		0.13	69.63	1.05	1.53%	11.50%
Total Electricity Charge (including HST)			**596.18**			**605.29**	**9.10**	**1.53%**	**100.00%**
Ontario Rebate for Electricity Consumers (OREC)		0.00	0.00		0.00	0.00	0.00	N/A	0.00%
Total Amount			**596.18**			**605.29**	**9.10**	**1.53%**	**100.00%**

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2022 Bill Impacts (High Consumption Level) - DGen

Rate Class	DGen
Monthly Consumption (kWh)	5,000
Peak (kW)	100
Loss factor	1.061
Load factor	7%
Monthly Consumption (kWh) - Uplifted	5,305
Charge determinant	kW

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy (Non-RPP)*	5,305	0.126	**667.37**	5,305	0.126	**667.37**	**0.00**	**0.00%**	**28.30%**
Service Charge	1	194.19	194.19	1	196.41	196.41	2.22	1.14%	8.33%
Fixed Foregone Revenue Charge	1	0	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	100	9.7488	974.88	100	10.1977	1,019.77	44.89	4.60%	43.25%
Volumetric Foregone Revenue Charge	100	0	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	100	0.0000	0.00	100	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub Account CBR-B)				100	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub-Account Global Adjustment)	5,305	0.0000	0.00	5,305	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				100	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution			**1,169.07**			**1,216.18**	**47.11**	**4.03%**	**51.58%**
Retail Transmission Rate – Network Service Rate	100	0.9927	99.27	100	0.9927	99.27	0.00	0.00%	4.21%
Retail Transmission Rate – Line and Transformation Connection Service Rate	100	0.8284	82.84	100	0.8284	82.84	0.00	0.00%	3.51%
Sub-Total: Retail Transmission			**182.11**			**182.11**	**0.00**	**0.00%**	**7.72%**
Sub-Total: Delivery			**1,351.18**			**1,398.29**	**47.11**	**3.49%**	**59.30%**
Wholesale Market Service Rate (WMS) - not including CBR	5,305	0.0030	15.92	5,305	0.0030	15.92	0.00	0.00%	0.67%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	5,305	0.0004	2.12	5,305	0.0004	2.12	0.00	0.00%	0.09%
Rural Rate Protection Charge	5,305	0.0005	2.65	5,305	0.0005	2.65	0.00	0.00%	0.11%
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			**20.94**			**20.94**	**0.00**	**0.00%**	**0.89%**
Total Electricity Charge (before HST)			**2,039.49**			**2,086.60**	**47.11**	**2.31%**	**88.50%**
HST		0.13	265.13		0.13	271.26	6.12	2.31%	11.50%
Total Electricity Charge (including HST)			**2,304.62**			**2,357.86**	**53.23**	**2.31%**	**100.00%**
Ontario Rebate for Electricity Consumers (OREC)		0.00	0.00		0.00	0.00	0.00	N/A	0.00%
Total Amount			**2,304.62**			**2,357.86**	**53.23**	**2.31%**	**100.00%**

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2022 Bill Impacts (Low Consumption Level) - ST

Rate Class	ST
Monthly Consumption (kWh)	200,000
Peak (kW)	500
Loss factor	1.034
Load factor	55%
Monthly Consumption (kWh) - Uplifted	206,800
Charge determinant	kW

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy (Non-RPP)*	206,800	0.126	**26,015.44**	206,800	0.126	**26,015.44**	**0.00**	**0.00%**	**71.54%**
Service Charge	1	1303.29	1,303.29	1	1313.08	1,313.08	9.79	0.75%	3.61%
Fixed Foregone Revenue Charge	1	0	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	500	1.522	761.00	500	1.5369	768.45	7.45	0.98%	2.11%
Volumetric Foregone Revenue Charge	500	0	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	500	0.0000	0.00	500	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub Account CBR-B)				500	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub-Account Global Adjustment)	206,800	0.0000	0.00	206,800	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				500	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution			**2,064.29**			**2,081.53**	**17.24**	**0.84%**	**5.72%**
Retail Transmission Rate – Network Service Rate	500	3.596	1,798.00	500	3.5960	1,798.00	0.00	0.00%	4.94%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	2.9558	1,477.90	500	2.9558	1,477.90	0.00	0.00%	4.06%
Sub-Total: Retail Transmission			**3,275.90**			**3,275.90**	**0.00**	**0.00%**	**9.01%**
Sub-Total: Delivery			**5,340.19**			**5,357.43**	**17.24**	**0.32%**	**14.73%**
Wholesale Market Service Rate (WMS) - not including CBR	206,800	0.0030	620.40	206,800	0.0030	620.40	0.00	0.00%	1.71%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	206,800	0.0004	82.72	206,800	0.0004	82.72	0.00	0.00%	0.23%
Rural Rate Protection Charge	206,800	0.0005	103.40	206,800	0.0005	103.40	0.00	0.00%	0.28%
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			**806.77**			**806.77**	**0.00**	**0.00%**	**2.22%**
Total Electricity Charge (before HST)			**32,162.40**			**32,179.64**	**17.24**	**0.05%**	**88.50%**
HST		0.13	4,181.11		0.13	4,183.35	2.24	0.05%	11.50%
Total Electricity Charge (including HST)			**36,343.51**			**36,362.99**	**19.48**	**0.05%**	**100.00%**
Ontario Rebate for Electricity Consumers (OREC)		0.00	0.00		0.00	0.00	0.00	N/A	0.00%
Total Amount			**36,343.51**			**36,362.99**	**19.48**	**0.05%**	**100.00%**

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2022 Bill Impacts (Average Consumption Level) - ST

Rate Class	ST
Monthly Consumption (kWh)	1,601,036
Peak (kW)	3,091
Loss factor	1.034
Load factor	71%
Monthly Consumption (kWh) - Uplifted	1,655,471
Charge determinant	kW

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy (Non-RPP)*	1,655,471	0.126	**208,258.28**	1,655,471	0.126	**208,258.28**	**0.00**	**0.00%**	**76.46%**
Service Charge	1	1303.29	1,303.29	1	1313.08	1,313.08	9.79	0.75%	0.48%
Fixed Foregone Revenue Charge	1	0	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	3,091	1.522	4,704.50	3,091	1.5369	4,750.56	46.06	0.98%	1.74%
Volumetric Foregone Revenue Charge	3,091	0	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	3,091	0.0000	0.00	3,091	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub Account CBR-B)				3,091	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub-Account Global Adjustment)	1,655,471	0.0000	0.00	1,655,471	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				3,091	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution			**6,007.79**			**6,063.64**	**55.85**	**0.93%**	**2.23%**
Retail Transmission Rate – Network Service Rate	3,091	3.596	11,115.24	3,091	3.5960	11,115.24	0.00	0.00%	4.08%
Retail Transmission Rate – Line and Transformation Connection Service Rate	3,091	2.9558	9,136.38	3,091	2.9558	9,136.38	0.00	0.00%	3.35%
Sub-Total: Retail Transmission			**20,251.61**			**20,251.61**	**0.00**	**0.00%**	**7.44%**
Sub-Total: Delivery			**26,259.41**			**26,315.25**	**55.85**	**0.21%**	**9.66%**
Wholesale Market Service Rate (WMS) - not including CBR	1,655,471	0.0030	4,966.41	1,655,471	0.0030	4,966.41	0.00	0.00%	1.82%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	1,655,471	0.0004	662.19	1,655,471	0.0004	662.19	0.00	0.00%	0.24%
Rural Rate Protection Charge	1,655,471	0.0005	827.74	1,655,471	0.0005	827.74	0.00	0.00%	0.30%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
Sub-Total: Regulatory			**6,456.59**			**6,456.59**	**0.00**	**0.00%**	**2.37%**
Total Electricity Charge (before HST)			**240,974.27**			**241,030.12**	**55.85**	**0.02%**	**88.50%**
HST		0.13	31,326.66		0.13	31,333.92	7.26	0.02%	11.50%
Total Electricity Charge (including HST)			**272,300.93**			**272,364.03**	**63.11**	**0.02%**	**100.00%**
Ontario Rebate for Electricity Consumers (OREC)		0.00	0.00		0.00	0.00	0.00	N/A	0.00%
Total Amount			**272,300.93**			**272,364.03**	**63.11**	**0.02%**	**100.00%**

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2022 Bill Impacts (High Consumption Level) - ST

Rate Class	ST
Monthly Consumption (kWh)	4,000,000
Peak (kW)	10,000
Loss factor	1.034
Load factor	55%
Monthly Consumption (kWh) - Uplifted	4,136,000
Charge determinant	kW

	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy (Non-RPP)*	4,136,000	0.126	**520,308.80**	4,136,000	0.126	**520,308.80**	**0.00**	**0.00%**	**74.43%**
Service Charge	1	1303.29	1,303.29	1	1313.08	1,313.08	9.79	0.75%	0.19%
Fixed Foregone Revenue Charge	1	0	0.00				0.00	N/A	0.00%
Fixed Deferral/Variance Account Rider (General)	1	0.00	0.00	1	0.00	0.00	0.00	N/A	0.00%
Fixed ESM Rider				1	0.00	0.00	0.00	N/A	0.00%
Distribution Volumetric Charge	10,000	1.522	15,220.00	10,000	1.5369	15,369.00	149.00	0.98%	2.20%
Volumetric Foregone Revenue Charge	10,000	0	0.00				0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (General)	10,000	0.0000	0.00	10,000	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub Account CBR-B)				10,000	0.0000	0.00	0.00	N/A	0.00%
Volumetric Deferral/Variance Account Rider (Sub-Account Global Adjustment)	4,136,000	0.0000	0.00	4,136,000	0.0000	0.00	0.00	N/A	0.00%
Volumetric ESM Rider				10,000	0.0000	0.00	0.00	N/A	0.00%
Sub-Total: Distribution			**16,523.29**			**16,682.08**	**158.79**	**0.96%**	**2.39%**
Retail Transmission Rate – Network Service Rate	10,000	3.596	35,960.00	10,000	3.5960	35,960.00	0.00	0.00%	5.14%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,000	2.9558	29,558.00	10,000	2.9558	29,558.00	0.00	0.00%	4.23%
Sub-Total: Retail Transmission			**65,518.00**			**65,518.00**	**0.00**	**0.00%**	**9.37%**
Sub-Total: Delivery			**82,041.29**			**82,200.08**	**158.79**	**0.19%**	**11.76%**
Wholesale Market Service Rate (WMS) - not including CBR	4,136,000	0.0030	12,408.00	4,136,000	0.0030	12,408.00	0.00	0.00%	1.77%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	4,136,000	0.0004	1,654.40	4,136,000	0.0004	1,654.40	0.00	0.00%	0.24%
Rural Rate Protection Charge	4,136,000	0.0005	2,068.00	4,136,000	0.0005	2,068.00	0.00	0.00%	0.30%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
Sub-Total: Regulatory			**16,130.65**			**16,130.65**	**0.00**	**0.00%**	**2.31%**
Total Electricity Charge (before HST)			**618,480.74**			**618,639.53**	**158.79**	**0.03%**	**88.50%**
HST		0.13	80,402.50		0.13	80,423.14	20.64	0.03%	11.50%
Total Electricity Charge (including HST)			**698,883.24**			**699,062.67**	**179.43**	**0.03%**	**100.00%**
Ontario Rebate for Electricity Consumers (OREC)		0.00	0.00		0.00	0.00	0.00	N/A	0.00%
Total Amount			**698,883.24**			**699,062.67**	**179.43**	**0.03%**	**100.00%**

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