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Vice President  
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BY COURIER

December 1, 2016

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

Dear Ms. Walli,

**EB-2013-0416/EB-2016-0315 – Hydro One Networks 2015, 2016 and 2017 Distribution Rate Application – Report on Elimination of the Seasonal Class**

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In its Decision dated March 12, 2015 in proceeding EB-2013-0146, the Ontario Energy Board (“OEB”) directed Hydro One Networks Inc. (“Hydro One”) to bring forward a plan for elimination of the Seasonal class.

Hydro One prepared a “Report on Elimination of the Seasonal Class”, which was filed with the OEB on August 4, 2015. The report assessed the impact of eliminating the Seasonal class, including consideration of the OEB’s recently issued policy to move residential classes to all-fixed rates starting in 2016. On September 30, 2015 the OEB issued an Order requiring Hydro One to apply the OEB’s policy on distribution rate design (i.e. move to all-fixed rates) for residential customers to its Seasonal class. In the OEB’s view, such a change constituted the initial steps in the execution of the OEB’s direction to eliminate the Seasonal class.

On November 10, 2016 the OEB issued Procedural Order #1 (“PO#1”) for a new, OEB-initiated, proceeding EB-2016-0315 to consider the remaining steps for the elimination of the Seasonal class. In response to PO#1 Hydro One attaches the following:

- An update to the August 4, 2015 Report that addresses the items raised by the OEB in PO#1.
- A draft Notice of Proceeding, as requested by the OEB in PO#1.

The proposed Notice will require Hydro One to determine the residential classes that Seasonal customers are anticipated to move to as a result of the elimination of the Seasonal class, and to calculate each customer’s prior year’s consumption. Due to the customer-specific nature of the information to be included in the Notice, and the work to prepare and deliver these

individualized Notices, Hydro One anticipates that it will need 30 business days to develop and issue the Notice, once it is finalized by the OEB. Given the work that is now underway for the implementation of Distribution rate changes and the 8% PST rebate for January 1, 2017, Hydro One anticipates that it will be in a position to begin work on the Notice in the New Year.

In addition to issuing the Notice to Seasonal customers, Hydro One anticipates that a general (i.e. non-individualized) version of the Notice would be issued to all intervenors of record in Hydro One's EB-2014-0416 proceeding. Hydro One also recommends that the Board consider including cottager associations in Ontario in such a general Notice, as they and their members likely have an interest in this proceeding.

Sincerely,

ORIGINAL SIGNED BY ODED HUBERT

Oded Hubert

# Hydro One Report on Elimination of the Seasonal Class

EB-2013-0416

December 1, 2016 Update  
EB-2016-0315

## 1. INTRODUCTION AND SUMMARY OF REPORT

Hydro One Networks Inc. (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.

In the Ontario Energy Board (“the Board”) Decision dated March 12, 2015 on Hydro One’s distribution rates proceeding EB-2013-0416, the Board asked Hydro One to bring forward a plan for the elimination of the Seasonal Class. The Board indicated that the 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. Hydro One was also asked to look at the issues of billing and meter reading frequency as part of the plan.

Hydro One submitted the report to the Board on August 4, 2015 as directed. 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 also 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 Seasonal Class. Hydro One has updated the report that was initially filed with the Board on August 4, 2015 to address the information requested in the Procedural Order.

As summarized below, this report examines the issues associated with eliminating the Seasonal Class and provides a plan for doing so. The updated report includes a number of relatively minor changes related to clarifying the original content of the August 2015 report, and any substantive updates that have been made are highlighted in this summary.

Prior to the August 4<sup>th</sup>, 2015 filing, Hydro One stakeholdered its proposals for eliminating the Seasonal Class, as discussed in **Section 2**. Stakeholders had diverse viewpoints, but they actively participated in the stakeholder session and their input has been taken into consideration in the material and recommendations presented in this report.

**Section 3** discusses the consumption patterns for seasonal customers and shows that the elimination of the Seasonal Class will result in over 70,000 seasonal customers moving to the R1 class and close to 84,000 customers moving to the R2 class, a large majority of whom are low-consumption customers.

Hydro One examines the impacts of eliminating the Seasonal Class in **Section 4**. The Board’s policy to move to an all-fixed distribution rate for residential classes has a significant impact on the plans to eliminate the Seasonal Class, as discussed in **Section 4.2**. Detailed analysis, not available to the Board at the time of its March 12, 2015

Decision, demonstrates that the move to all-fixed rates alone addresses the key concern of some seasonal customers that low consumption customers are not paying their fair share of costs. The analysis also demonstrates that from a customer's perspective, very little incremental benefit is gained by the elimination of the Seasonal Class. The elimination of the Seasonal Class *combined* with the move to all-fixed distribution residential rates results in only a small benefit to the 70,000 seasonal customers moving to the R1 class, and very large negative impacts on the 84,000 seasonal customers that would move to the R2 class. This section was updated to reflect the impacts associated with eliminating the Seasonal Class given the currently approved 2016 rates and the estimated 2017 rates, as well as to further delineate the impacts between the effect of moving to all-fixed rates and eliminating the Seasonal Class.

As detailed in **Section 4.3**, two options for mitigating the bill impacts associated with eliminating the Seasonal Class were considered: Option 1) move seasonal customers to their target residential class rates in 2017 and apply a bill credit where necessary to mitigate impacts, and Option 2) phase-in the transition from Seasonal Class rates to the all-fixed rate of the target residential class over a number of years, as necessary to mitigate impacts. This section was updated to provide a variation on Option 2 that would phase-in the Seasonal rates to the all-fixed rate of the R2 residential class over a period of 8 years.

Option 1, use of bill credits to mitigate impacts, is recommended as it offers a number of benefits: It is easy to communicate to customers; the impacts of eliminating the Seasonal Class will be clearly visible to customers; the credits are targeted to only those low-volume seasonal customers that need them; seasonal customers benefitting from the elimination of the Seasonal Class will see those benefits immediately; and the mitigation costs are shared among all customers. Hydro One proposes to apply a fixed monthly credit amount based on the consumption range that individual seasonal customers fall within. The credits paid out will be tracked in a variance account for annual disposition across all rate classes.

Consistent with the OEB's March 12, 2015 Decision, Seasonal Class customers migrating to the R2 residential class will not be eligible for the Rural and Remote Rate Protection ("RRRP") credit if they do not meet the year-round residency criteria as discussed in **Section 5**.

**Section 6** of the report presents and assesses options for billing and meter reading frequencies associated with seasonal customer reclassification. The recommended option involves adopting billing and meter reading frequencies for seasonal customers based on logical customer usage level and patterns (low, medium, and high), meter reading method (automated vs. manual), and billing method (paper bills vs. electronic bills). The recommended option best balances the criteria of fairness, minimizing the cost of the reclassification, and minimizing overall billing and meter reading costs while meeting customer needs. Importantly, the proposal provides customer choice for those who desire more frequent billing and the greatest opportunity for savings through more environmentally friendly and convenient electronic-billing.

**Section 7** identifies areas of Hydro One's Conditions of Service ("CoS") that require revision to clarify that seasonal residential customers will continue to be responsible for paying their distribution charges even during extended periods of unoccupancy. There are also a number of administrative changes to the CoS to split the residential rate classifications into two sub-categories: year round residential and seasonal residential.

As discussed in **Section 8**, there are a number of significant implementation and ongoing administrative issues associated with eliminating the Seasonal Class, including the need for extensive customer information system ("CIS") changes, the need for annual monitoring of formerly seasonal customers' consumption, complexities associated with administering the mitigation credit, and customer communication challenges. 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.

The elimination of the Seasonal Class represents a significant change to Hydro One's distribution rates structure that will impact the rates for all customer classes. As such, Hydro One proposes that any changes related to eliminating the Seasonal Class should be coordinated to coincide with the next planned rebasing of distribution rates on January 1, 2018. This would result in an efficient implementation of the new rates by coordinating the billing system changes related to eliminating the Seasonal Class with all the other rate changes approved by the Board for 2018. It would also minimize customer confusion and frustration that would result from a mid-2017 implementation of new distribution rates, only to have the rates reset again as of January 1, 2018. Coordinating the elimination of the Seasonal Class with the next planned resetting of rates would also ensure that the impacts of eliminating the Seasonal Class can be updated to reflect the latest information (in particular the latest load forecast) being used to allocate costs and rebase rates for 2018.

The Board's declaration of Hydro One's current rates for all rate classes as interim will also introduce complexities associated with establishing and disposing of the forgone revenue by rate class in 2016 and 2017.

## 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.

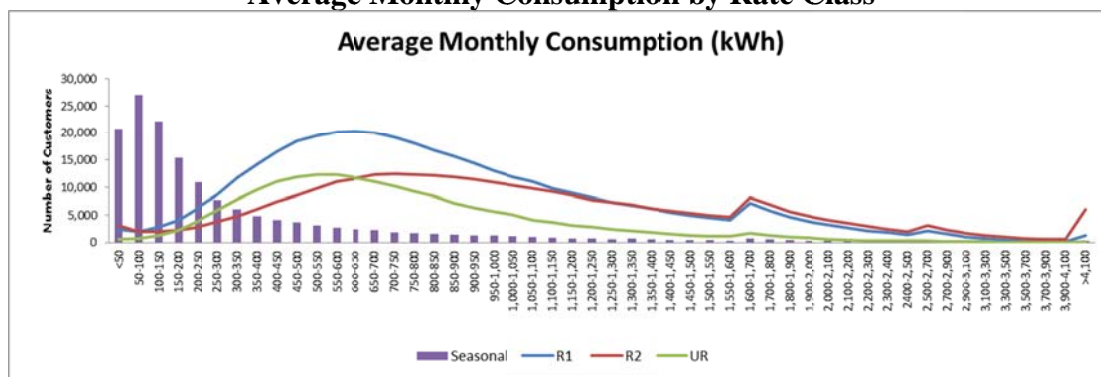
Stakeholders actively participated in the session and provided valuable feedback that has been considered in finalizing this report, including the following key points:

- 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

### 3. BACKGROUND ON THE SEASONAL CLASS

When considering 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 2015 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 46%, or 70,000 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 eliminate the Seasonal Class, it is necessary to determine into which year-round residential class each seasonal customer will be assigned. Seasonal customers were included as part of the work Hydro One carried out to review the density classifications to which all of its customers were 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.<sup>1</sup>

Based on the 2013 density classification review results, Hydro One is able to determine how the approved 2017 forecast of 155,033 seasonal customers will be split between its year-round residential classes as shown in Table 1.

**Table 1**  
**Breakout of Seasonal Customers among Residential Classes**

Target Class	UR	R1	R2	Total
Number of Seasonal Customers	271	70,721	84,041	155,033

<sup>1</sup> Prior to final implementation of any Seasonal Class changes, the number of Seasonal customers moving to the various year-round residential classes will need to be updated based on the results of rate class review being carried out in 2016/17.



Using the 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	8,429	11,901	10,007	7,174	14,246	6,816	4,100	4,588	3,460	70,721
Seasonal to R2	12,321	15,070	12,085	8,161	15,383	6,752	4,183	4,727	5,359	84,041

Table 3 shows the 10<sup>th</sup> and 90<sup>th</sup> percentile of average monthly consumption values for each of Hydro One's residential rate classes using 2015 consumption data. These values are used in calculating the total bill impacts for customers moving from the Seasonal Class to their target year-round residential classes.

**Table 3**  
**Monthly Consumption Values for Bill Impact Calculations**

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

\* Average consumption value shown for UR, R1, and R2 class is same as that prescribed by the OEB for use in calculating total bill impacts.

## 4. RATE IMPACTS OF ELIMINATING THE SEASONAL CLASS

### 4.1 COST ALLOCATION AND RATE DESIGN IMPACTS

To understand the impacts of eliminating the Seasonal Class on cost allocation and rate design, Hydro One ran two scenarios for 2017.

The first scenario, “Seasonal Status Quo”, is based on a 2017 cost allocation model (“CAM”) run that incorporates all of the model changes previously approved for 2015 plus updates for all 2017 CAM inputs as approved by the Board in EB-2013-0416. In this run the Seasonal Class remains in place for 2017.

The second scenario, “Seasonal Eliminated”, is based on updating the 2017 Seasonal Status Quo CAM to reflect the elimination of the Seasonal Class. 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 consistent with the process approved by the Board for establishing Hydro One’s load forecast in proceeding EB-2013-0416<sup>2</sup>.

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 CAM results for both scenarios is provided in Table 4.

**Table 4**  
**2017 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
<b>Seasonal Status Quo</b>														
Revenue at Current Rates	95.0	326.8	514.7	113.9	161.2	136.3	20.9	28.4	12.0	7.2	3.4	3.8	49.9	1,473.4
Escalated Revenue	94.6	325.5	512.7	113.4	160.6	135.7	20.8	28.3	11.9	7.2	3.4	3.8	49.7	1,467.6
Cost	79.6	282.6	544.1	108.7	161.5	152.4	22.8	31.8	12.7	7.6	3.0	7.4	53.5	1,467.6
R/C Ratio	1.19	1.15	0.94	1.04	0.99	0.89	0.91	0.89	0.94	0.94	1.16	0.51	0.93	1.00
<b>Seasonal Eliminated</b>														
Revenue at Current Rates	95.1	362.0	606.9	0.0	161.2	136.2	20.9	28.4	12.0	7.2	3.4	3.8	49.9	1,487.0
Escalated Revenue	93.8	357.3	598.9	0.0	159.1	134.4	20.7	28.1	11.8	7.1	3.4	3.7	49.2	1,467.6
Cost	79.6	311.1	622.0	0.0	161.2	154.5	22.9	32.2	12.7	7.6	3.0	7.4	53.4	1,467.6
R/C Ratio	1.18	1.15	0.96	-	0.99	0.87	0.90	0.87	0.93	0.94	1.15	0.50	0.92	1.00

<sup>2</sup> To calculate the 2017 CP and NCP inputs assuming no Seasonal Class, the actual hourly loads for each consolidated residential class (UR, R1, and R2) for the year 2012 were determined by adding together the hourly loads of seasonal customers mapped to that class and the hourly loads of customers who were already in that class. The 2012 hourly load for each consolidated class was then used as the base to forecast hourly load over the 2016-2017 forecast period taking 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.

One of the key differences between the CAM results for the two scenarios is the revenues collected at current rates. As shown in the last column of Table 4, the elimination of the Seasonal Class results in an additional \$13.6M in total revenue being generated (\$1487.0-\$1473.4), which means that the uniform decrease to the revenue at current rates to be collected from all classes required to match the 2017 approved costs is only -0.4% under the Seasonal Eliminated scenario, as compared to -1.3% 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 reduction of 0.9% in the 2017 revenue to be collected from all other classes.

Table 4 also shows that the net impact on revenues and costs by class, as a result of eliminating the Seasonal Class, has only a minor impact on the revenue-to-cost (“R/C”) ratio for most classes. The exceptions are the R2, GSd and UGd classes, which show somewhat larger impacts to the revenue-to-cost (R/C) ratio.

The increase in the R2 R/C ratio is due to the additional revenues generated by the seasonal customers paying R2 rates, which more than make up for the costs allocated to those customers by the CAM. The decrease in the R/C ratio of the GSd and UGd classes is largely due to the minimum system and PLCC adjustment methodology in the CAM used 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 demand billed classes.<sup>3</sup>

The outputs of the CAM provide the basis for rate design. Details of the rate design for both the Seasonal Status Quo and Seasonal Eliminated scenarios are provided in Appendix D. Under both scenarios the 2017 rate design makes adjustments to the R/C ratios for the UR, R1 and USL classes that are above the target value of 1.10 approved by the Board for Hydro One in proceeding EB-2013-0416. The R/C ratios for these three classes achieve the target value of 1.10 in 2017. The approach for balancing the revenue requirement that needs to be shifted away from these three classes to Hydro One’s other classes follows the approach approved by the Board in EB-2013-0416.

To better 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 provided in Table 5 shows that under the Seasonal Status Quo, the average revenue per customer for the Seasonal and R1 classes is similar (\$732 and \$698 respectively). With the elimination of the Seasonal Class, the average revenue per customer drops by only 9% to \$663 for seasonal customers moving to the R1 class, but increases by 96% to \$1,431 for those seasonal customers moving to the R2 class.

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<sup>3</sup> The PLCC adjustment impacts the 4&12 CP & NCP allocators, and particularly the Line Transformer 4 NCP (LTNCP4) allocator. The higher allocators for the GSd and UGd 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.

**Table 5**  
**Comparison of 2017 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
<b>UR</b>	87.6	213,918	409	87.6	214,189	409
<b>R1</b>	310.9	445,243	698	342.2	515,964	663
<b>R2</b>	519.4	334,551	1,553	598.9	418,592	1,431
<b>Seasonal</b>	113.4	155,033	732	-	-	-

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

**Table 6**  
**2017 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)	All-Fixed Rate (\$/month)	Fixed Rate (\$/month)	Variable Rate (\$/kWh or \$/kW)	All-Fixed Rate (\$/month)
<b>UR</b>	24.78	0.0094	32.27	24.78	0.0094	32.24
<b>R1</b>	33.77	0.0230	55.70	33.37	0.0225	52.93
<b>R2</b>	80.33	0.0374	125.14	78.94	0.0352	115.40
<b>Seasonal</b>	36.28	0.0635	59.12	-	-	-
<b>GSe</b>	27.87	0.0560		27.60	0.0555	
<b>GSd</b>	89.48	15.9121		91.30	16.2367	
<b>UGe</b>	23.30	0.0262		23.54	0.0264	
<b>UGd</b>	93.97	9.0851		95.90	9.2723	
<b>St Lgt</b>	4.25	0.0924		4.27	0.0928	
<b>Sen Lgt</b>	2.71	0.1178		2.75	0.1192	
<b>USL</b>	35.18	0.0285		35.15	0.0285	
<b>DGen</b>	149.34	6.9518		149.73	6.9118	
<b>ST</b>	948.13	1.3113		952.73	1.3177	

Table 7 provides the 2017 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 Appendices E and F for the two CAM scenarios.

Table 7 shows that the elimination of the Seasonal Class provides a slight benefit for the R1, R2, GSe and ST classes, for the reason previously discussed. There is a slight

negative impact on the total bill impacts for UR, UGe, GSd, UGd, St Lgt, Sen Lgt, and USL classes as a result of the additional revenue that needs to be collected from these classes due to their lower R/C ratios.

The biggest impact of eliminating the Seasonal Class is on the seasonal customers themselves. While there is a notable decrease in 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 the low and average consumption seasonal customers moving to R2 class (**Seasonal-R2**).

**Table 7**  
**2017 Bill Impacts under Seasonal Status Quo and Seasonal Eliminated Scenarios**

Rate Class	Monthly Consumption/Peak (kWh/kW)	2016 Total Bill (\$)	2017 Status Quo Change in Total Bill		2017 Seasonal Eliminated Change in Total Bill	
			(\$)	(%)	(\$)	(%)
UR	350	87.48	-0.05	-0.1%	0.12	0.1%
	750	156.43	-3.36	-2.1%	-3.00	-1.9%
	1,400	268.48	-8.74	-3.3%	-8.07	-3.0%
R1	400	112.29	0.77	0.7%	0.14	0.1%
	750	178.96	-2.21	-1.2%	-2.99	-1.7%
	1,800	379.00	-11.15	-2.9%	-12.40	-3.3%
R2	450	143.26	-27.20	-19.0%	-29.62	-20.7%
	750	205.86	-29.19	-14.2%	-32.17	-15.6%
	2,300	529.33	-39.44	-7.5%	-45.30	-8.6%
Seasonal-UR	50	50.96	3.67	7.2%	-12.74	-25.0%
	350	124.09	-0.42	-0.3%	-36.49	-29.4%
	1,000	282.53	-9.27	-3.3%	-87.95	-31.1%
Seasonal-R1	50	50.96	3.67	7.2%	-2.07	-4.1%
	350	124.09	-0.42	-0.3%	-20.73	-16.7%
	1,000	282.53	-9.27	-3.3%	-61.17	-21.7%
Seasonal-R2	50	50.96	3.67	7.2%	50.96	100.0%
	350	124.09	-0.42	-0.3%	37.89	30.5%
	1,000	282.53	-9.27	-3.3%	9.59	3.4%
GSe	2,000	490.89	0.23	0.0%	-1.21	-0.2%
UGe	2,000	406.37	4.86	1.2%	5.58	1.4%
GSd	35,000/120	7,342.63	160.00	2.2%	211.92	2.9%
UGd	35,000/120	6,507.46	102.46	1.6%	137.08	2.1%
St Lgt	500	132.76	0.67	0.5%	1.01	0.8%
Sen Lgt	50	17.63	0.04	0.2%	0.18	1.0%
USL	500	136.15	-3.48	-2.6%	-3.39	-2.5%
DGen	2,000/20	572.75	55.66	9.7%	55.68	9.7%
ST	500,000/1,000	77,593.47	-133.93	-0.2%	-326.06	-0.4%

Table 8 provides a breakout of the impact on seasonal customers' monthly bill in 2017 just due to eliminating the Seasonal Class. The impacts shown in Table 8 reflect only the 2<sup>nd</sup> year of the phase-in to all-fixed distribution rates that happens in 2017. The impact on seasonal customers at the completion of the move to all-fixed distribution rates, or what is referred to in this report as "end-state" impacts, are discussed in Section 4.2.

**Table 8**  
**Impact in 2017 of Eliminating the Seasonal Class**

Monthly Consumption (kWh)	2016 Seasonal Total Bill \$/mnth	2017 Impact Eliminating the Seasonal Class					
		Seasonal-R2		Seasonal-R1		Seasonal-UR	
		\$	%	\$	%	\$	%
50	50.96	47.29	93%	-5.74	-11%	-16.41	-32%
350	124.09	38.31	31%	-20.32	-16%	-36.07	-29%
1000	282.53	18.85	7%	-51.90	-18%	-78.68	-28%

#### *4.2 CONSIDERATION OF THE MOVE TO "ALL-FIXED" DISTRIBUTION RATES FOR RESIDENTIAL CLASSES*

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

The Board's direction was to move residential classes to an all-fixed 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.

The policy regarding the move to an all-fixed rate for residential customers came out after the Board's Decision in Hydro One's EB-2013-0416 proceeding. As such, the bill impacts on customers moving to an all-fixed rate were not explored in the pre-filed evidence, interrogatories or oral hearing during the proceeding. In particular, the *combined* impact of eliminating the Seasonal Class *and* moving to an all-fixed rate was not evaluated.

Information is provided below, for the Board's consideration, on the impact to seasonal customers of implementing both the elimination of the Seasonal Class and the move of all residential customers to an all-fixed distribution rate.

Table 9 provides a comparison between the end-state<sup>4</sup> total bill for seasonal customers moving to an all-fixed rate assuming the Seasonal Class *was not* eliminated (i.e. Status Quo) versus the end-state total bill for seasonal customers moving to all-fixed rates for the residential classes assuming the Seasonal Class *was* eliminated.

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

Monthly Consumption (kWh)	2016 Seasonal Status Quo	2017 Seasonal Status Quo		2017 Seasonal Eliminated					
		Seasonal All-Fixed Rate		R2 All-Fixed Rate		R1 All-Fixed Rate		UR All-Fixed Rate	
		Total Bill (\$)	Change (%)	Total Bill (\$)	Change (%)	Total Bill (\$)	Change (%)	Total Bill (\$)	Change (%)
50	50.96	76.85	51%	141.09	177%	69.70	37%	46.11	-10%
350	124.09	124.36	0%	189.23	52%	116.54	-6%	92.30	-26%
1,000	282.53	227.31	-20%	293.51	4%	218.02	-23%	192.38	-32%

Table 10 breaks out the 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)	2016 Seasonal Total Bill \$/mnth	2017 Impact of Seasonal Class Moving to All-Fixed		2017 Impact of Eliminating Seasonal Class					
				Seasonal-R2		Seasonal-R1		Seasonal-UR	
		\$	%	\$	%	\$	%	\$	%
50	50.96	25.89	51%	64.25	126%	-7.14	-14%	-30.74	-60%
350	124.09	0.28	0%	64.86	52%	-7.82	-6%	-32.06	-26%
1000	282.53	-55.22	-20%	66.20	23%	-9.29	-3%	-34.94	-12%

Two key items are highlighted by the results shown in Tables 9 and 10:

- 1) Seasonal customers moving to all-fixed R1 rates will see only a small benefit from the elimination of the Seasonal Class
  - Seasonal customers moving to an all-fixed Seasonal rate will see impacts comparable to those they will experience if they move to the R1 class with an all-fixed rate.
  - Low consumption seasonal customers will see a monthly bill of \$77 as a result of the move to all-fixed rates for the Seasonal Class as compared to a monthly bill of

<sup>4</sup> 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 2017 revenue requirement.

- \$70 if they move to the R1 class with an all-fixed rate (i.e. a \$7 difference in their monthly bill).
- An average consumption seasonal customer will see a virtually no change in their \$124 monthly bill as a result of simply moving to all-fixed rates as compared to a monthly bill of \$117 if they move to the R1 class with an all-fixed rate (i.e. a \$7 difference in their monthly bill)
  - High consumption seasonal customers will see a monthly bill of \$227 as a result of the move to all-fixed rates as compared to a monthly bill of \$218 if they move to the R1 class with an all-fixed rate. This means that high consumption seasonal customers will see a reduction of \$55 relative to their 2016 bill solely as a result of moving to all-fixed rates, and only a further \$9 reduction if the Seasonal Class is eliminated.
- 2) Seasonal customers moving to all-fixed R2 rates will see large unfavourable impacts from the elimination of the Seasonal Class
- Seasonal customers moving to an all-fixed Seasonal rate will see much lower impacts as compared to the impacts they will experience if they move to the R2 class with an all-fixed rate.
  - Low consumption seasonal customers will see a 51% increase in their total bill if the Seasonal Class is not eliminated, while their bill impact increases to 177% if they move to the R2 class with an all-fixed rate. That means their 2016 monthly bill of \$51 will go to \$77 with the move to an all-fixed Seasonal rate, while it will jump to \$141 if the Seasonal Class is eliminated.
  - An average consumption seasonal customer will see a virtually no change in their \$124 monthly bill as a result of simply moving to all-fixed rates as compared to a monthly bill of \$189 if they move to the R2 class with an all-fixed rate (i.e. a \$65 increase in their monthly bill)
  - High consumption seasonal customers moving to an all-fixed Seasonal rate will see a bill reduction of 20% as compared to a bill increase of 4% if they moved to an all-fixed R2 rate. This means that instead of seeing a \$55 reduction in their 2016 bill as a result of moving to an all-fixed Seasonal rate, high consumption seasonal customers will see an increase of \$11 if the Seasonal Class is eliminated and they move to an all-fixed R2 rate.

From a customer perspective, the elimination of the Seasonal Class results in only minimal benefits to the 70,000 seasonal-R1 customers (i.e. a reduction of \$7 to \$9 in their bill), while resulting in large unfavourable impacts to all of the 84,000 seasonal-R2 customers (i.e. an increase of about \$65 in their bill). While there are notable benefits to seasonal customers that would move to the UR class, this would benefit only about 270 of the 155,000 seasonal customers.

During stakeholdering some participants noted that total bill increases of the magnitude driven by the elimination of the Seasonal Class combined with the move to all-fixed residential rates raises customer affordability issues, which could possibly lead to customers choosing to disconnect from the grid. This would result in the stranding of assets and negatively impact all remaining grid-connected 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 annual revenue per customer collected from the R1 class is close to the revenue per customer collected from the Seasonal Class (as shown in Table 5). The costs allocated to the Seasonal Class are relatively low because the load consumption profile of all seasonal customers *as a group*, combined with the impact of the minimum system and PLCC adjustments built into the CAM, results in fewer costs being allocated to a stand-alone Seasonal Class.

The Board noted on page 48 of its Decision in Hydro One's EB-2013-0146 proceeding that one of the key issues for intervenors was that low consumption seasonal customers are not paying the full costs of the service they receive. As shown in Tables 9 and 10, the Board-mandated move to an all-fixed rate for the Seasonal Class addresses this concern. Low consumption (50 kWh monthly) seasonal customers would see an increase in their bill of 51%, while high volume seasonal customers would see 20% reduction in their total bill. These impacts will occur gradually as the move to all-fixed rates is phased-in over 8 years.

The other concern raised during the EB-2013-0146 proceeding was that seasonal customers should pay appropriate density-based costs. While there is some cross-subsidization of costs within the Seasonal Class, as there is within all customer classes, Hydro One notes that the density factors currently used in its CAM to allocate costs to the Seasonal Class do take into account that seasonal customers are located in both low and medium density areas. Therefore, as a group, the Seasonal Class does pay its fair share of density-based costs.

As discussed in Section 8, the elimination of the Seasonal Class will require significant time and resources related to the initial implementation of the rate class changes, the funding and ongoing monitoring required for administering mitigation credits, as well as the need for regulatory exemptions to DSC billing requirements.

In summary, Hydro One notes the following considerations related to the elimination of the Seasonal Class:

- The Board policy on moving to all-fixed residential distribution rates was not finalized at the time the Board made its Decision in Hydro One's proceeding EB-2013-0416, and the impacts of adopting this policy for seasonal customers was not explored during the proceeding;
- the Board policy to move to all-fixed residential rates addresses the key issue raised by intervenors regarding the disparity in costs paid by low and high consumption seasonal customers;
- as a group, the existing Seasonal Class pays its fair share of density-based costs;
- the existing Seasonal Class has distinctly different load characteristics from year-round residential customers, which appropriately impacts the costs allocated to this class;

- there are significant implementation and ongoing administrative issues associated with eliminating the Seasonal Class, and most importantly;
- the elimination of the Seasonal Class *combined* with the move to all-fixed residential rates, as compared to just moving to Seasonal all-fixed rates, results in only minimal benefits for 46% of seasonal customers while resulting in significant unfavourable impacts on 54% of seasonal customers.

#### 4.3 MITIGATION OF BILL IMPACTS

The bill impacts shown in sections 4.1 and 4.2 clearly indicate that some form of mitigation is required for seasonal customers moving to the R2 residential class. 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 1<sup>st</sup> mitigation option considered is a credit-based approach. Under this option, seasonal customers will move to R2 class rates in 2017 (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 2017 (e.g. approved 2017 revenue requirement and revenue-to-cost ratio adjustments) as well as the elimination of the Seasonal Class. A credit-based approach is what the Board approved 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 2<sup>nd</sup> 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. 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. Limiting the impacts to 10% per year will result in a phase-in period of 16 years. A variation to this mitigation option that could be considered is to use a set phase-in period of 8 years, similar to the period used for phasing-in the move to all-fixed rates for the Seasonal Class. However, this shorter phase-in period will result in bill impacts that exceed 10% for certain (low volume) Seasonal customers, although these bill impacts will be relatively small in absolute dollar terms

##### 4.3.1 Option 1: Move Seasonal Customers to R2 Rates in 2017 and Use a Credit-based Approach to Mitigate Impacts

Under this option, the 2016 Seasonal Class fixed and variable rates of \$32.47/month and \$0.0748/kWh, respectively, would immediately move to the 2017 R2 class fixed and variable rates of \$78.93/month and \$0.0352/kWh, as calculated in the Seasonal Eliminated rate design sheet provided at Appendix E. 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 the monthly RRRP credit of \$60.50 that applies to year-round residential customers in the R2 class in 2017, unless they meet the year-round residential criteria.

In its decision for Hydro One's 2016 distribution rates application the Board approved a phase-in to all-fixed distribution rates over a period of 5 years for the UR class and 8 years for R1, R2, and Seasonal Classes. The 2017 total bill impacts and mitigation credits required as a result of both eliminating the Seasonal Class and moving to the second year of phased-in R2 rates are provided in Table 11.

**Table 11**  
**Impacts and Mitigation Credits Required if Elimination of Seasonal Class is**  
**Combined with Move to R2 All-Fixed Rate**

Rate Class	Monthly Consumption (kWh)	2016 Total Bill (\$)	2017 Total Bill (\$)	Change 2016 to 2017 (\$)	Change 2016 to 2017 (%)	2017 Mitigated Bill (2016 + 10%) (\$)	Bill Credit to Limit Impact to 10% (\$)
Seasonal-R2	50	50.96	101.91	50.96	100.0%	56.05	45.86
	100	63.15	111.92	48.78	77.2%	69.46	42.46
	150	75.33	121.94	46.60	61.9%	82.87	39.07
	200	87.52	131.95	44.42	50.8%	96.27	35.67
	300	111.90	151.97	40.07	35.8%	123.09	28.88
	400	136.27	171.99	35.71	26.2%	149.90	22.09
	500	160.65	192.01	31.36	19.5%	176.72	15.29
	600	185.03	212.03	27.00	14.6%	203.53	8.50
	700	209.40	232.05	22.65	10.8%	230.34	1.71
	800	233.78	252.07	18.30	7.8%	257.16	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 2021 and credits would be required until 2027. It is estimated that a total of \$189M in credits would be paid out over the full mitigation period.

**Table 12**  
**Estimated credits required to limit bill impacts to 10% if**  
**phasing-in seasonal-R2 rates to all-fixed**

Year	Bill Credit Amount at Monthly Consumption (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	
2017	\$47.56	\$44.16	\$40.77	\$37.63	\$32.28	\$25.48	\$18.69	\$11.90	\$5.11	\$0.00	\$31.5
2018	\$49.32	\$44.25	\$39.18	\$34.40	\$26.51	\$16.37	\$6.23	\$0.00	\$ -	\$ -	\$28.8
2019	\$50.60	\$43.73	\$36.85	\$30.30	\$19.67	\$5.93	\$ -	\$ -	\$ -	\$ -	\$26.4
2020	\$51.33	\$42.50	\$33.67	\$25.20	\$11.60	\$ -	\$ -	\$ -	\$ -	\$ -	\$24.0
2021	\$51.46	\$40.52	\$29.57	\$19.01	\$2.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$21.3
2022	\$50.94	\$37.70	\$24.47	\$11.66	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$19.0
2023	\$49.69	\$33.96	\$18.23	\$2.97	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$16.4
2024	\$40.95	\$22.85	\$4.74	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$10.9
2025	\$31.33	\$10.62	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$6.6
2026	\$20.75	\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$3.1
2027	\$9.12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$1.3
<b>Total</b>											<b>\$189.4</b>

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

Hydro One believes that an approach based on a pre-defined credit amount tied to a narrow consumption band will ensure customers receive an appropriate credit, while also making it easier to communicate to customers and minimizing the cost and complexities associated with administering the credits. 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. 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.

### ***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 approaches for disposing of the credit cost.

The first approach considered 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 their former class customers seeing 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. Many participants at the June 10<sup>th</sup>, 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 the increased revenue at current rates as a result of eliminating the Seasonal Class, as discussed in Section 4.1.

Under this approach, Hydro One would propose that the amount of credits paid to seasonal-R2 customer be tracked in a variance account for disposition as part of the annual rates-setting process under either a Custom IR or an 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 2017 credit variance account balance. Note that a similar rider, of decreasing magnitude, would need to be in place until at least 2027, as shown in Table 12.

**Table 13**  
**Estimated Monthly Fixed Rider by Rate Class for 2017**

<b>Rate Class</b>	<b>Number of Customers</b>	<b>Rates Revenue Requirement (\$M)</b>	<b>Credit Variance Account Share (\$M)</b>	<b>Fixed Rate Rider (\$/month/cust)</b>
<b>UR</b>	214,189	89.1	2.0	0.77
<b>R1</b>	515,964	342.8	7.6	1.23
<b>R2</b>	418,592	579.7	12.9	2.57
<b>GSe</b>	94,081	154.2	3.4	3.04
<b>GSd</b>	6,282	131.7	2.9	38.93
<b>UGe</b>	17,851	20.0	0.4	2.08
<b>UGd</b>	1,913	27.6	0.6	26.81
<b>St Lgt</b>	4,973	11.5	0.3	4.29
<b>Sen Lgt</b>	29,671	3.4	0.1	0.22
<b>USL</b>	5,734	3.3	0.1	1.06
<b>DGen</b>	1,523	3.6	0.1	4.37
<b>ST</b>	822	48.2	1.1	108.88
<b>Total</b>	<b>1,311,594</b>	<b>1,415.0</b>	<b>31.5</b>	

### *Pros and Cons of Option 1*

There are a number of benefits associated with immediately moving seasonal customers to the 2017 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 impacts of eliminating the Seasonal Class will be clearly visible to customers since they will see the increase in the delivery line of their bill as a result of eliminating the Seasonal Class as well as the credit that is being applied to their bill to mitigate the impacts of higher delivery charges;
- 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, but this comes at the expense of higher credits to be paid for by other customers
- 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 11 year period;
- there are billing system complexities associated with both the initial implementation and ongoing administration of the credits on customers' bills, including annual consumption monitoring;

- the 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 2: Phase-in of Rates Approach

Under this option, the current monthly fixed charge of \$32.47 that seasonal customers pay will be uniformly increased to the end-state all-fixed R2 monthly charge of \$115.40 over a number of years to limit the total bill impacts for low consumption seasonal customers to 10%. 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 16 years will be required to phase-in the move from current Seasonal rates to all-fixed R2 distribution rates, while limiting bill impacts to less than 10% for low consumption seasonal customers consuming 50 kWh per month on average. The rates payable by seasonal-R2 customers in 2017 will be a monthly fixed charge of \$5<sup>5</sup> and a variable rate of \$0.0432/kWh. The resulting 2017 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 9.3%. The magnitude of impacts in subsequent years would be similar.

**Table 14**  
**2017 Impacts on Seasonal-R2 customers under Option 2**

Rate Class	Monthly Consumption (kWh)	2016 Total Bil (\$)	2017 Total Bill (\$)	Change 2016 to 2017 (\$)	Change 2016 to 2017 (%)
Seasonal-R2	50	50.96	55.70	4.74	9.3%
	350	124.09	118.48	-5.61	-4.5%
	1,000	282.53	254.49	-28.04	-9.9%

This option results in a very lengthy period to mitigate the impacts of eliminating the Seasonal Class and it did not receive much support from stakeholders as it puts the burden associated with phasing-in the seasonal-R2 rates 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 higher consumption seasonal customers (e.g. customers at 1,000 kWh would see an 8.3% bill reduction). The reduced impacts for higher consumption seasonal customers come at the expense of all other R2 customers who pay higher variable rates over the 16 year phase in period.

<sup>5</sup> 1/16<sup>th</sup> of the way from \$32.47 to \$115.40.

### **An Alternative Phase-in Approach: Complete Over 8 Years**

A variation on Option 2 that addresses some of the drawbacks discussed above would be to phase-in the increase in the current \$32.47 monthly fixed charge that seasonal customers pay to the all-fixed R2 charge of \$115.40 over a period of 8 years. The rates payable by seasonal-R2 customers in 2017 will be a monthly fixed charge of \$42.83<sup>6</sup> and a variable charge of \$0.0422/kWh. Table 15 shows the total bill impacts for all 8 years of the phase-in under this scenario.

**Table15**  
**Impacts on Seasonal-R2 customers of 8 Year Phase-in**

Monthly Consumption (kWh)	2017		2018		2019		2020		2021		2022		2023		2024	
	Change in Total Bill		Change in Total Bill		Change in Total Bill		Change in Total Bill		Change in Total Bill		Change in Total Bill		Change in Total Bill		Change in Total Bill	
	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%
50	10.46	20.5%	11.34	18.5%	11.33	15.6%	11.34	13.5%	11.33	11.9%	11.34	10.6%	11.34	9.6%	11.59	9.0%
350	-0.20	8.4%	9.07	9.2%	9.06	8.5%	9.07	8.0%	9.06	7.5%	9.07	7.1%	9.07	6.7%	10.92	6.5%
1,000	-23.29	-8.2%	4.15	1.6%	4.14	1.6%	4.15	1.6%	4.14	1.5%	4.15	1.5%	4.15	1.5%	9.45	3.3%

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 impacts on low volume seasonal customers is typically more than 10%, in absolute dollar terms the impact on the monthly bill of these low volume customers is only about \$2 more than the bill impact that the average seasonal customer will experience over the 2018 to 2022 period.

This 8-year phase-in variation to Option 2 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 the seasonal customers.

#### ***4.4 IMPACT MITIGATION RECOMMENDATIONS***

Section 4.2 of the report shows that moving to all-fixed distribution rates for residential classes would *achieve similar benefits* for the 70,000 seasonal customers that would migrate to the R1 class as a result of eliminating the Seasonal Class, while *avoiding the very large negative impacts* on the 84,000 seasonal customers that would migrate to the R2 class if the Seasonal Class is eliminated.

From a customer perspective, the concerns raised during Hydro One's EB-2013-0416 proceeding regarding the disparity in costs paid by low and high consumption seasonal customers are also largely addressed by the move to all-fixed residential rates.

<sup>6</sup> 1/8<sup>th</sup> of the way from \$32.47 to \$115.40.



As such, the Board's policy decision to move to all-fixed residential distribution rates will, in itself, achieve many of the objectives of the Board's original decision to eliminate the Seasonal Class.

If the Seasonal Class is to be eliminated, Hydro One recommends the following mitigation plan:

- Adopt mitigation Option 1, which is to have all seasonal-R2 customers pay the same rates as other R2 class customers, 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.
- Allocate the credit variance account balance across all classes based on the class share of total revenue requirement for disposition via a monthly fixed charge rider for each residential class and a combined fixed and variable rider for all other rate classes.

## 5. RRRP ELIGIBILITY

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 a rate 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, specifically, those customers who live at a residence that is not occupied continuously for at least eight months of the year.

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 its Distribution proceeding EB-2013-0416 Hydro One had proposed to move a subset of high-volume seasonal customers to the R1 and R2 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 the Board noted in its 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.”

Hydro One expects that any seasonal customer that meets the year-round residential criteria would have already completed the required declaration form as this is part of the normal on-going process available to customers. As such, Hydro One has assumed that all customers currently in the Seasonal Class are not eligible for the RRRP subsidy when they move to the R2 residential class.

As part of implementing the elimination of the Seasonal Class, Hydro One proposes to identify all new entrants to the residential classes that do not meet the year-round residency criteria. By default, Hydro One will assume that existing seasonal customers do not qualify for the RRRP. However, Hydro One will also use the opportunity occasioned by the elimination of the Seasonal Class to remind all seasonal customers of Hydro One’s 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 year-round residential, all of 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 IMPACTS OF ELIMINATING SEASONAL CLASS**

In the Board's EB-2013-0146 Decision, Hydro One was 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 to address the Board's request and recommends a proposal that is fair, meets customer needs, and minimizes costs.

### **6.1 BACKGROUND**

#### **Meter reading**

Historically, 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 2016, approximately 18% of seasonal meters were read manually and 82% 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 the class, 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 \$47/per read, and higher to perform an unscheduled manual reading. This cost is driven by increasingly 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 TOU billing.

This issue has already been recognized by the Board through the granting of a TOU exemption for 170,000 customers which came into effect on March 26, 2015 and is in place until December 31, 2019.

### 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 \$2.00 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 and provides distinct advantages over paper-based bills including convenience (reducing household clutter through long term e-bill storage and retrieval) and reducing environmental impact (the elimination of paper, ink and delivery related vehicle emissions). Today, Hydro One employs Canada Post's "epost" for electronic billing, requiring customers to separately enroll with Canada Post for the service. Hydro One is currently developing its own e-billing service through the My Account web page and this is expected to be in-service in 2017. The new service will eliminate the need for customers to enroll with a separate vendor (identified as a customer dis-satisfier), and increase customer choice through the provision of several enhanced capabilities including bill notification and payment alerts, mobile e-bill presentation, and electronic bill inserts.

## *6.2 BILLING AND METER READING OPTIONS*

Three billing and meter reading frequency options were identified and assessed based on the criteria of meeting the OEB direction, 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.

***Option A: Maintain Existing Seasonal Billing and Meter Reading Frequencies***

Option A would involve maintaining the status quo for meter reading and for 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**

<b>Option A: Maintain Existing Seasonal Billing and Meter Reading Frequencies</b>	
Change in Billing and Meter Reading Costs: \$0	
<b>Advantages</b>	<b>Disadvantages</b>
<ul style="list-style-type: none"> <li>• Maintains current seasonal bill and meter reading frequencies which have not been identified as significant dissatisfiers by customers</li> <li>• Minimizes customer disruption of moving to different meter and billing frequencies</li> <li>• Maintains billing and meter reading costs at current levels</li> <li>• Provides customers with options where the estimates are an issue.</li> </ul>	<ul style="list-style-type: none"> <li>• Seasonal customers with similar usage characteristics to year round residential customers are treated differently with respect to billing and meter reading frequencies</li> <li>• Difficult to rationalize and communicate different levels of meter reading and billing frequency to customers.</li> <li>• 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.</li> </ul>

***Option B: Adopt Residential Billing and Meter Reading Frequencies***

Option B would involve adopting 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**

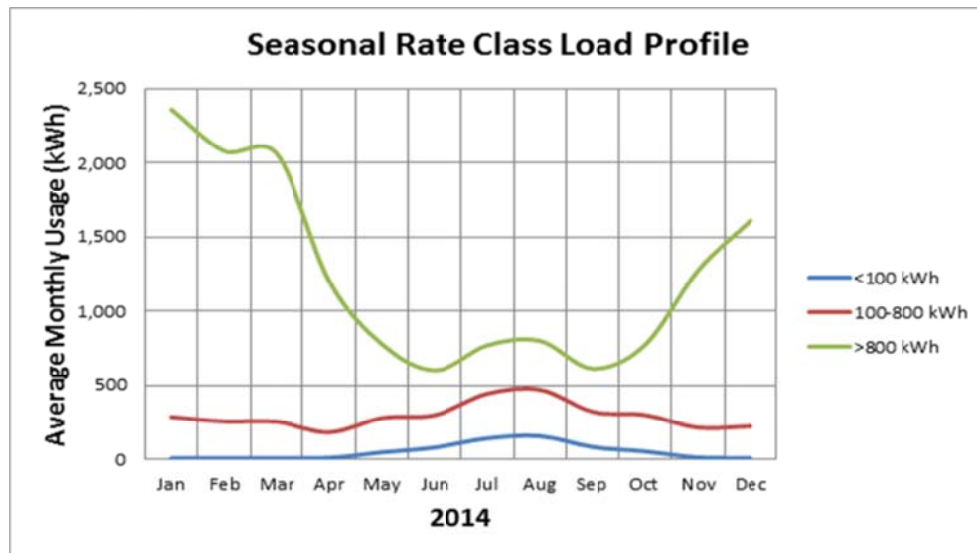
<b>Option B: Adopt Residential Billing and Meter Reading Frequencies</b>	
Change in Billing and Meter Reading Costs: \$ Increase ~ \$3.7M	
<b>Advantages</b>	<b>Disadvantages</b>
<ul style="list-style-type: none"> <li>• High consumption seasonal customers likely to view increased billing and meter reading frequencies as a positive given alignment with their residential usage</li> <li>• All customers within the residential class (who pay the same delivery rates) are provided with the same level of billing and meter reading frequency.</li> </ul>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Significant increase in unplanned estimated bills due to accessibility issues of many seasonal meters during the winter and early spring months</li> <li>• Total billing and meter reading costs would increase by 130%</li> <li>• Increases in call and exception handling costs as bill volume is a key driver of exception handling</li> </ul>

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

Option C would involve adopting 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 rate 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**



Note: Top line is high usage, middle line is medium usage and bottom line is low usage sub-segments.

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)

There are approximately 16,000 customers in the high usage sub-segment representing approximately 11% of seasonal customers. Annual electricity consumption for these customers is the same as 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 900 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 \$124k and the savings associated with electronic billing, depending on uptake, is up to \$65k.

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

There are approximately 69,000 medium usage customers representing 47% of the seasonal rate class. 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 5,000 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 \$281K.

## **3) Seasonal Low Usage Segment Scenario**

There are approximately 63,000 low usage customers representing approximately 43% of the seasonal rate class. In this sub-segment, 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 24,000 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:

- 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 attempts 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 \$96k and the incremental savings of electronic billing, depending on uptake, is up to approximately \$157k. The key advantages and disadvantages of Option C are summarized in Table 18.

**Table 18**  
**Advantages and disadvantages of Option C**

<b>Option C: Usage Based Meter Reading and Billing Frequencies</b>	
Change in Billing and Meter Reading Costs (Savings): (~\$475k) depending on e-billing Uptake	
<b>Advantages</b>	<b>Disadvantages</b>
<ul style="list-style-type: none"> <li>• Enhances customer service by providing the opportunity for more frequent billing for both manually and automatically read customers</li> <li>• Increases meter reading frequency for manually read high use customers with load profiles similar to residential class, better aligning usage and billing.</li> <li>• Reduces overall billing and meter reading costs by up to approximately \$475K depending on electronic billing uptake.</li> <li>• Encourages use of more environmentally friendly and low cost electronic billing.</li> <li>• Maintains the status quo for billing and meter reading frequencies for most customers even without the move to electronic billing.</li> <li>• Recognizes the different wants and needs of sub-segments of the seasonal customer group.</li> </ul>	<ul style="list-style-type: none"> <li>• Reduces paper-based billing frequency to low use customers.</li> <li>• Upon reclassification, provides different levels of billing and meter reading service between customers in the same class paying the same delivery rate.</li> <li>• Requires customer action (i.e., enrolling in e-billing) to increase billing frequency.</li> <li>• 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.</li> </ul>

### 6.3 SUMMARY OF BILLING AND METER READING FREQUENCY OPTIONS AND RECOMMENDATION

Table 19 presents a summary of the key characteristics of the three 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		(\$)
<b>Option A: Adopt Seasonal Levels</b>	4/yr		1/yr		4/yr		4/year		0
<b>Option B: Adopt Residential Class Levels</b>	12/yr		4/yr		12/yr		12/yr		~3.7M
<b>Option C: Adopt Usage Based Levels</b>	<b>Paper</b>	<b>E-Bill</b>	<b>Paper</b>	<b>E-Bill</b>	<b>Paper</b>	<b>E-Bill</b>	<b>Paper</b>	<b>E-Bill</b>	
<b>High Usage</b>	4/yr	12/yr	4/yr	4/yr	4/yr	12/yr	4/yr	12/yr	~59k
<b>Medium Usage</b>	4/yr	12/yr	1/yr	1/yr	4/yr	12/yr	4/yr	12/yr	(~281k)
<b>Low Usage</b>	4/yr	12/yr	1/yr	1/yr	4/yr	12/yr	2/yr	12/yr	(~253k)

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

\*\* Savings estimates 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 the 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 \$3.7M. 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 greatest 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 recommended for meeting the OEB direction to eliminate the Seasonal class and best balance the criteria of fairness, minimizing costs, and minimizing overall billing and meter reading costs while meeting customer needs. It is also recommended that billing and meter reading frequency be reviewed in conjunction with Distribution rate applications to ensure that customer needs continue to be met. Selection of this option would, however, require Hydro One to seek from the OEB an 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 these formerly “Seasonal Class” customers.

## **7. CONDITIONS OF SERVICE CONSIDERATIONS**

Elimination of the seasonal rate class will 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 2.2 E. Liability for Disconnection**

Currently reads as follows:

“Disconnection does not relieve the Customer of the liability for arrears or minimum bills for the balance of the term of the contract”.

Proposed revision (*in italics*):

“Disconnection does not relieve the Customer of the liability for arrears or minimum charges *including fixed monthly charges* for the balance of the term of the contract”. *This also applies to extended periods of disconnection for reasons such as vacancy of seasonal properties during certain times of the year.*”

### **Section 3.1 Residential**

This section of the conditions of service covers the definitions of Hydro One’s rate classes consistent with the approved rate schedules. This section will be revised as necessary to reflect the elimination of the Seasonal Class and to reflect that the residential

rate classification will now consist of two sub-categories of residential service: year round and seasonal.

## **8. IMPLEMENTATION**

Hydro One's proposed plan for 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 the changes proposed for the elimination of the Seasonal Class will be in the range of \$3M - \$4M.

Eliminating the Seasonal Class and implementing the proposed mitigation plan will 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 R2, R1 and UR residential classes
- modifying CIS to identify the sub-categories of year round and seasonal residences within the UR, R1 and R2 rate classifications for mitigation and RRRP purposes
- annual monitoring to determine the prior year's consumption for all seasonal residential customers for the purposes of establishing credit eligibility and credit amounts, as well as establishing billing and meter reading frequencies
- administering the mitigation credit (e.g. updating the billing system annually to identify which customers get the credit and updating applicable credit amounts, responding to customer inquiries)
- 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
- Applying for exemption from Distribution System Code requirements related to monthly billing and the use of estimated reads, as seasonal customers would migrate to Hydro One's standard residential classes

The elimination of the Seasonal Class represents a significant change to Hydro One's distribution rates structure that will impact the rates for all customer classes. As such, Hydro One proposes that any changes related to eliminating the Seasonal Class should be coordinated to coincide with the next planned rebasing of distribution rates on January 1, 2018. This would result in an efficient implementation of the new rates by coordinating the billing system changes related to eliminating the Seasonal Class with all the other rate changes approved by the Board for 2018. It would also minimize customer confusion and frustration that would result from a mid-2017 implementation of new distribution rates, only to have the rates reset again as of January 1, 2018. Coordinating the elimination of the Seasonal Class with the next planned resetting of rates would also ensure that the impacts of eliminating the Seasonal Class can be updated to reflect the latest information (in particular the latest load forecast) being used to allocate costs and rebase rates for 2018.

The Board's declaration of Hydro One's current rates for all rate classes as interim will also introduce complexities associated with establishing and disposing of the forgone revenue by rate class in 2016 and 2017.

### **List of Appendices**

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

**Appendix B** – 2017 Seasonal Status Quo CAM Inputs and Outputs

**Appendix C** – 2017 Seasonal Eliminated CAM Inputs and Outputs

**Appendix D** – 2017 Seasonal Status Quo and Seasonal Eliminated Rate Design

**Appendix E** – 2017 Bill Impact Sheets for Seasonal Status Quo Scenario

**Appendix F** – 2017 Bill Impact Sheets for Seasonal Eliminated Scenario

## 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 10<sup>th</sup>, 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 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.*

*This summary was shared in draft with participants for their review prior to being finalized.*

*Note that there are two appendices to this 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)*

<p><b>NOTE:</b> This 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.</p>
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# FEEDBACK SUMMARY – For Participant Review

## Part 1 – Options for Eliminating the Seasonal Rate Class

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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 4<sup>th</sup> 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**

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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 4<sup>th</sup> 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

# OPTIONS TO ELIMINATE SEASONAL RATES

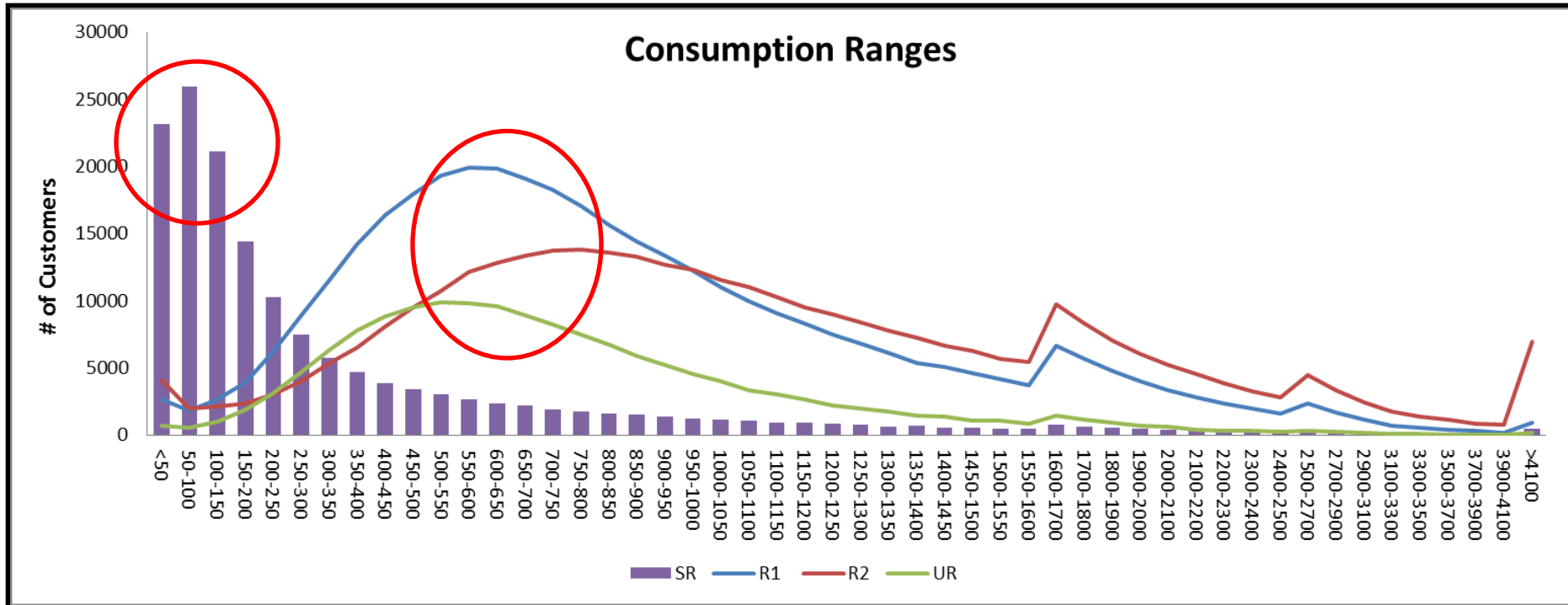


# OEB Direction

- 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	<b>0.92</b>	1.04	1.02	<b>0.86</b>	0.89	<b>0.87</b>	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	<b>0.95</b>	-	1.00	<b>0.82</b>	0.87	<b>0.83</b>	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

## Seasonal to R2 Bill Impacts

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

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	<ul style="list-style-type: none"><li>• Impacts phased in over 4 years for majority of customers and 6 years for lowest consumption</li><li>• Credits only applied where required to reduce bill impacts to 10%</li><li>• Phase-in costs funded by all formerly seasonal customers</li><li>• Full impacts of moving to year-round residential and required mitigation fully visible to customers</li></ul>
2. Phase-in fixed rates	<ul style="list-style-type: none"><li>• Impacts phased in over 8 years</li><li>• Reduced fixed charge provides phase-in benefits to all S R2 even if impacts are below 10%</li><li>• Reduced fixed charges during phase-in funded via higher variable charges that impact all R2 customers</li></ul>
2a. Modified option 2.	<ul style="list-style-type: none"><li>• Same as option 2 except phase-in costs recovered via debits from all formerly seasonal customers</li></ul>

# RRRP

OEB decision is that RRRP cannot be applied to customers that do not 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 4<sup>th</sup> report?



# OPTIONS TO ELIMINATE SEASONAL RATES





# 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 <b>A</b>	Retain Seasonal Billing and Meter Read Frequencies
Scenario <b>B</b>	Adopt Residential Billing and Meter Read Frequencies
Scenario <b>C</b>	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**

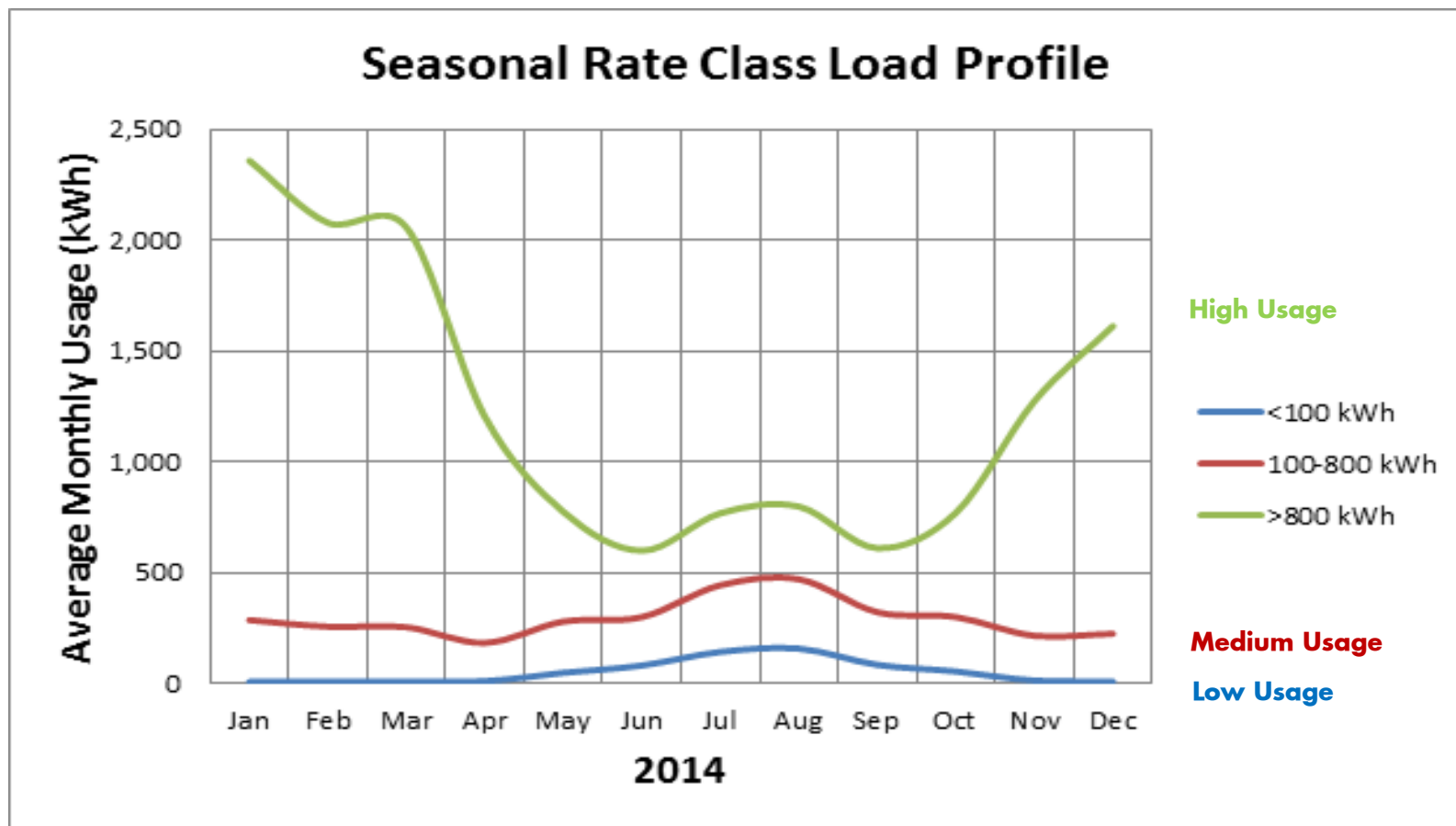
Pros	Cons
- High consumption seasonal customers likely to view increased bill/read frequencies positively	- Low consumption seasonal customers and those whose consumption is confined to a few consecutive months likely to view increased bill/read frequencies negatively
- All customers within the class who are paying the same delivery rate (seasonal and year round) have same bill/read frequencies	- Billing and meter reading costs increase significantly <ul style="list-style-type: none"><li>- Billing costs <math>\cong</math> 150%</li><li>- Meter reading costs <math>\cong</math> 300%</li></ul>
	- 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

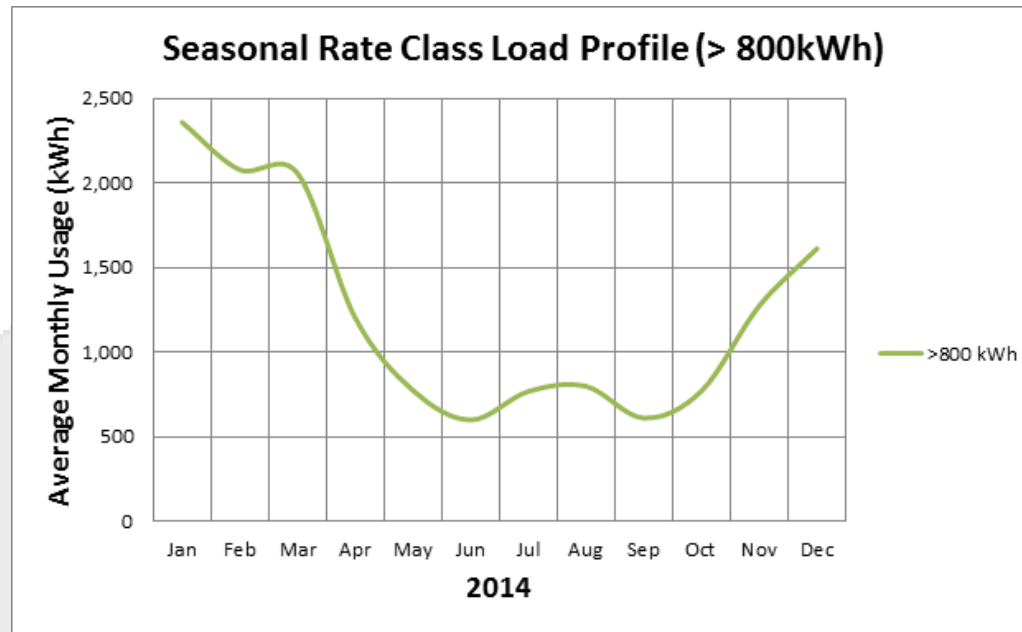
## SCENARIO **C** – HYBRID

- 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

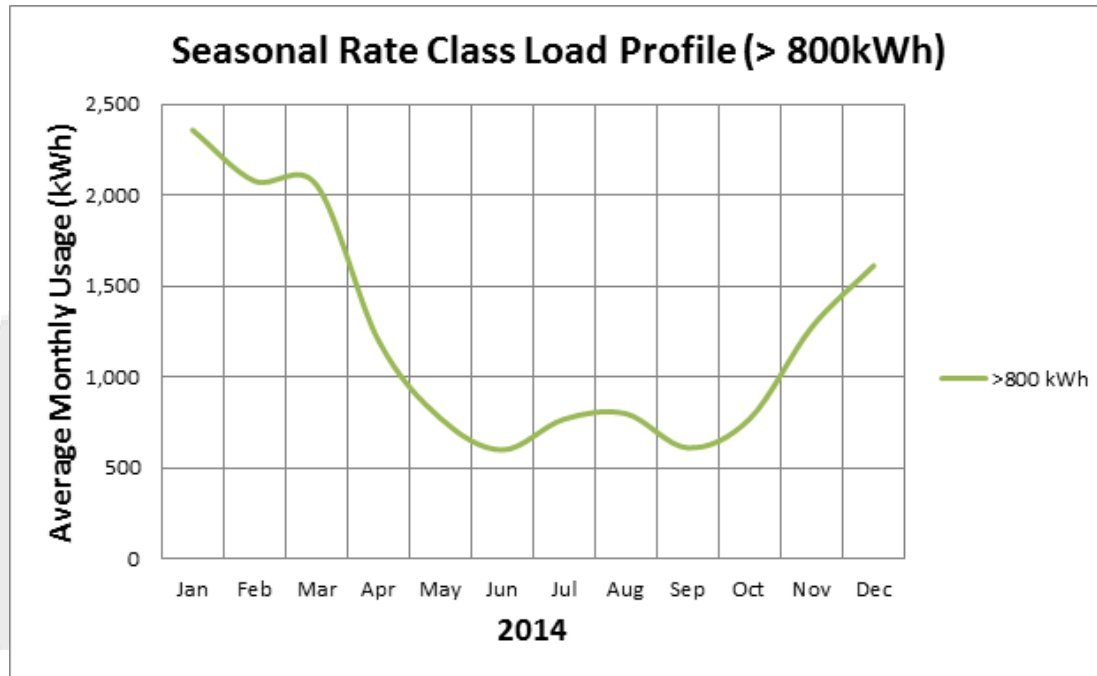


# Seasonal Load Profiles – High Usage



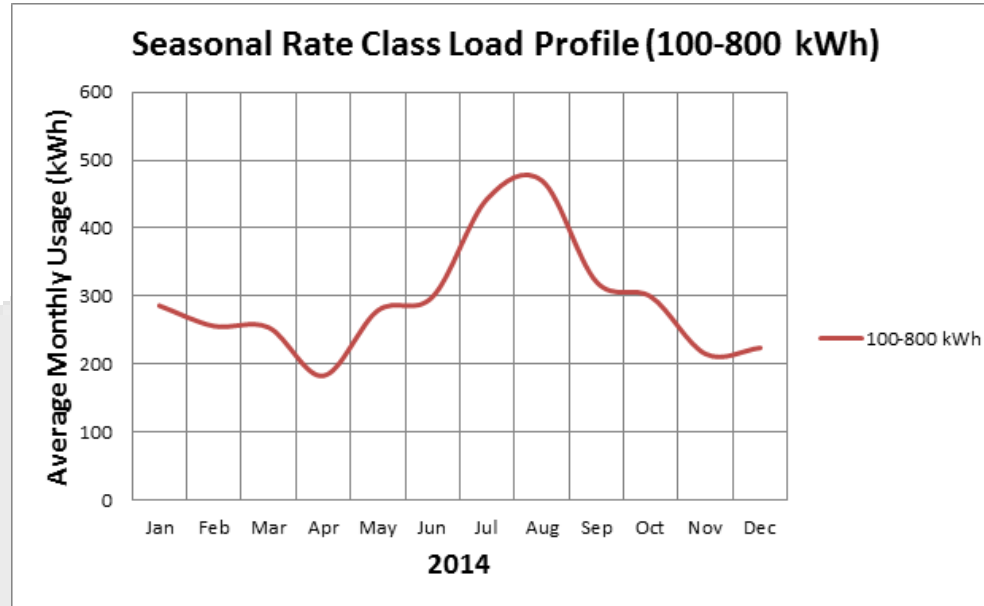


# Seasonal Load Profiles – High Usage



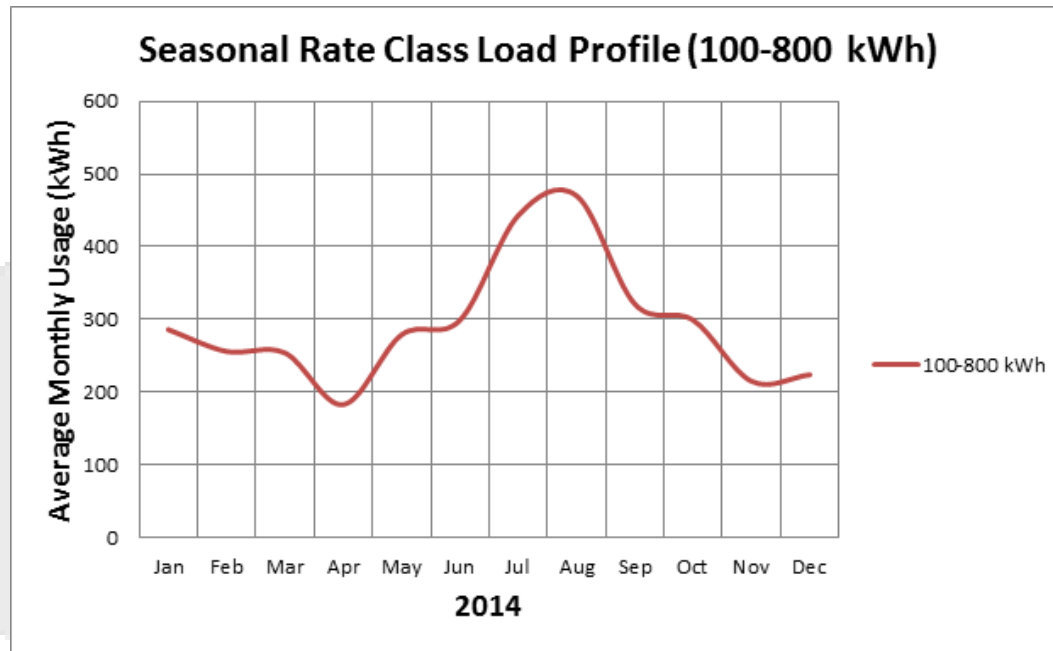
- Leave customers on existing seasonal billing frequency if paper based but move to residential billing frequency if on e-billing
- Increase manual meter read frequency to 4 times per year for TOU exempt customers
- Review eligibility for billing/meter read frequency on same frequency as Dx rate application

# 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

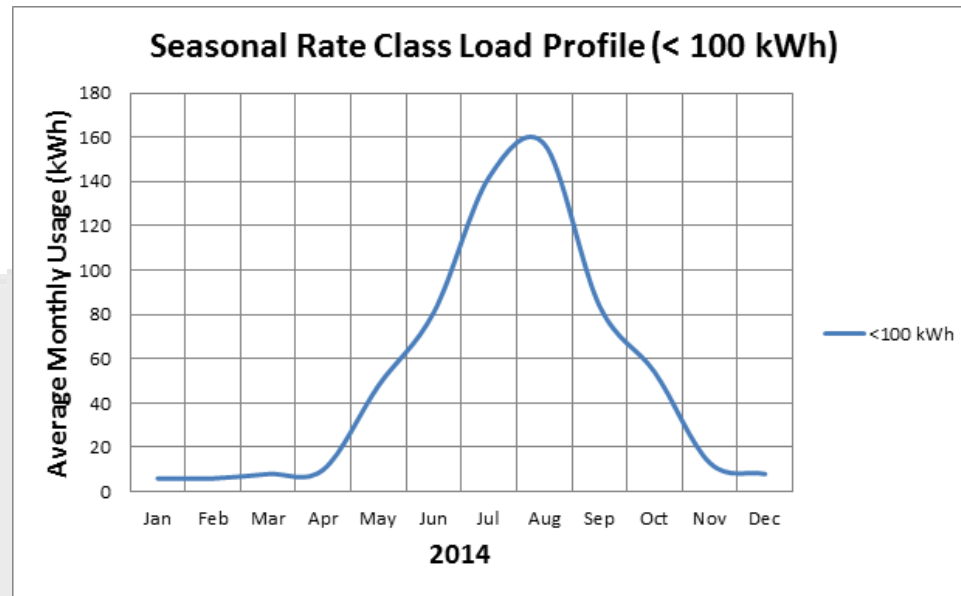
# Seasonal Load Profiles – Medium Usage



## Recommendation

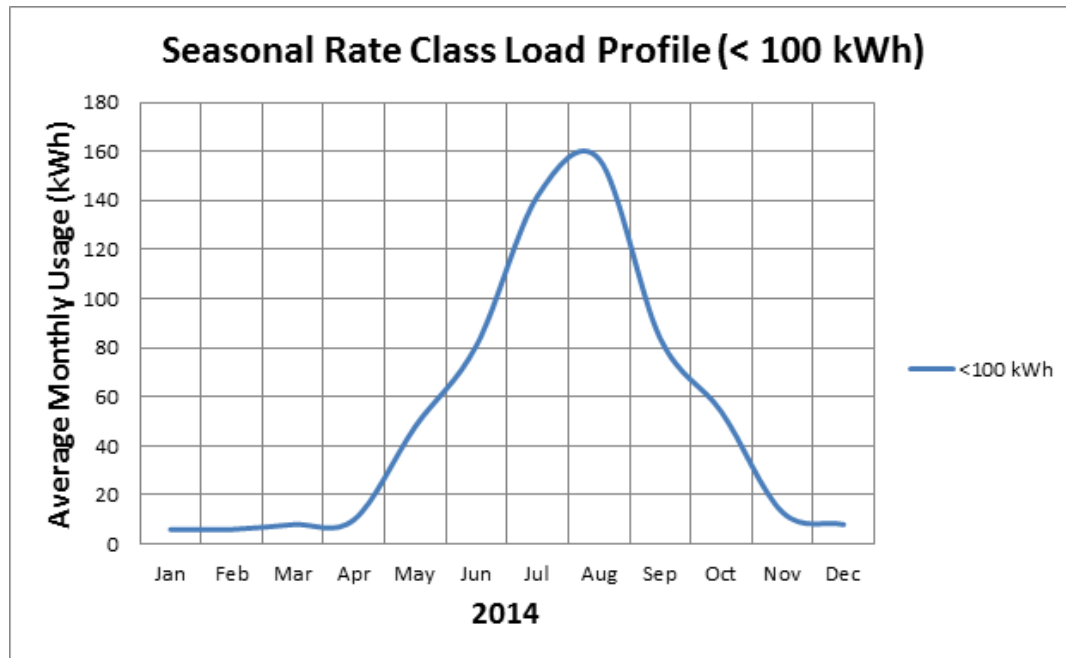
- Leave customers on existing seasonal billing and meter read frequency if paper based but move to residential billing frequency if on e-billing
- Review eligibility for billing/meter read frequency on same frequency as Dx rate application

# 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 eliminated 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 than only the former seasonal customers.

4. **Do you have any other advice for the Hydro One team as they develop their August 4<sup>th</sup> 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.

## **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 4<sup>th</sup> report to the OEB?**

## 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?

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 4<sup>th</sup> 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?

## Presentation #2: Bill and Meter Reading Scenarios

### *Feedback and Discussion*

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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 4<sup>th</sup> report to the OEB?**





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 10<sup>th</sup> 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](mailto:boardsec@ontarioenergyboard.ca); Ian White, FOCA



2017 Cost Allocation Model

EB-2013-0416

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		Total	1	2	3	4	5	6	7	8	9	10	11	12	13
Assets			UR	R1	R2	Seasonal	GSe	GSd	UGe	UGd	St Lgt	Sen Lgt	USL	Dgen	ST
crev	Distribution Revenue at Existing Rates	\$1,420,768,639	\$90,252,482	\$313,518,005	\$497,677,110	\$110,433,828	\$156,294,570	\$133,464,245	\$20,230,617	\$27,982,473	\$11,651,133	\$3,485,868	\$3,320,004	\$3,629,576	\$48,828,725
	Miscellaneous Revenue (mi)	\$52,660,366	\$4,724,275	\$13,266,677	\$17,012,841	\$3,425,879	\$4,931,753	\$2,787,717	\$699,372	\$461,133	\$329,153	\$3,702,817	\$108,198	\$151,907	\$1,058,646
Miscellaneous Revenue Input equals Output															
Total Revenue at Existing Rates		\$1,473,429,006	\$94,976,757	\$326,784,682	\$514,689,951	\$113,859,707	\$161,226,322	\$136,251,962	\$20,929,989	\$28,443,606	\$11,980,286	\$7,188,684	\$3,428,202	\$3,781,485	\$49,887,371
Factor required to recover deficiency (1 + D)		0.9959													
Distribution Revenue at Status Quo Rates		\$1,414,963,948	\$89,883,746	\$312,237,097	\$495,643,800	\$109,982,640	\$155,656,013	\$132,918,964	\$20,147,963	\$27,868,148	\$11,603,532	\$3,471,626	\$3,306,440	\$3,614,749	\$48,629,231
Miscellaneous Revenue (mi)		\$52,660,366	\$4,724,275	\$13,266,677	\$17,012,841	\$3,425,879	\$4,931,753	\$2,787,717	\$699,372	\$461,133	\$329,153	\$3,702,817	\$108,198	\$151,907	\$1,058,646
Total Revenue at Status Quo Rates		\$1,467,624,315	\$94,608,021	\$325,503,773	\$512,656,642	\$113,408,519	\$160,587,765	\$135,706,681	\$20,847,335	\$28,329,281	\$11,932,685	\$7,174,442	\$3,414,638	\$3,766,656	\$49,687,877
di cu ad dep INPUT INT	Expenses														
	Distribution Costs (di)	\$332,255,829	\$13,938,098	\$61,800,746	\$137,902,262	\$26,560,405	\$35,231,663	\$29,418,001	\$4,062,718	\$5,891,357	\$3,531,830	\$1,743,978	\$714,044	\$122,550	\$11,338,176
	Customer Related Costs (cu)	\$111,714,507	\$15,565,019	\$33,882,420	\$28,965,245	\$8,024,971	\$12,470,155	\$3,666,186	\$2,359,400	\$865,138	\$751,589	\$451,917	\$504,919	\$944,791	\$3,262,758
	General and Administration (ad)	\$137,725,880	\$8,848,901	\$28,987,376	\$51,130,525	\$10,551,184	\$14,708,998	\$10,935,597	\$1,992,249	\$2,271,386	\$1,301,231	\$663,946	\$363,890	\$1,032,011	\$4,938,587
	Depreciation and Amortization (dep)	\$390,156,681	\$19,538,088	\$71,503,050	\$143,066,801	\$28,407,916	\$44,185,416	\$47,072,594	\$6,639,302	\$9,907,275	\$3,054,666	\$1,745,918	\$569,567	\$587,639	\$13,878,449
	PILs (INPUT)	\$48,698,035	\$2,181,977	\$8,689,608	\$18,398,468	\$3,538,183	\$5,482,238	\$5,933,117	\$788,629	\$1,221,612	\$410,098	\$191,968	\$80,512	\$40,234	\$1,761,391
	Interest	\$183,297,692	\$8,212,883	\$32,707,378	\$13,317,598	\$69,251,189	\$20,634,951	\$22,332,044	\$2,893,092	\$4,598,105	\$1,543,596	\$722,561	\$303,043	\$151,440	\$6,629,813
Total Expenses		\$1,203,848,625	\$66,284,966	\$237,570,577	\$448,714,490	\$90,400,257	\$132,713,422	\$119,357,539	\$18,715,390	\$24,754,873	\$10,593,010	\$5,520,268	\$2,535,975	\$2,878,665	\$41,889,174
Direct Allocation		\$11,266,603	\$0	\$0	\$0	\$0	\$337,826	\$2,246,240	\$84,592	\$665,848	\$0	\$1,100,921	\$0	\$4,320,182	\$2,510,995
NI	Allocated Net Income (NI)	\$252,509,087	\$11,313,987	\$45,057,360	\$95,399,752	\$18,346,191	\$28,426,504	\$30,764,403	\$3,985,495	\$6,334,304	\$2,126,442	\$995,393	\$417,468	\$208,623	\$9,133,165
	Revenue Requirement (includes NI)	\$1,467,624,315	\$79,598,952	\$282,627,936	\$544,114,242	\$108,746,448	\$161,477,751	\$152,368,182	\$22,785,476	\$31,755,025	\$12,719,453	\$7,616,602	\$2,953,443	\$7,407,470	\$53,453,334
Revenue Requirement Input equals Output															
Rate Base Calculation															
dp gp accum dep co	Net Assets														
	Distribution Plant - Gross	\$10,592,184,884	\$490,298,876	\$1,925,537,243	\$4,023,455,196	\$786,579,648	\$1,165,218,462	\$1,244,526,805	\$163,157,452	\$256,418,546	\$87,197,861	\$40,730,132	\$17,092,820	\$10,103,042	\$381,868,800
	General Plant - Gross	\$1,064,466,650	\$47,194,895	\$188,238,564	\$398,059,020	\$77,337,036	\$116,821,259	\$127,313,547	\$16,294,074	\$26,216,529	\$8,827,146	\$18,128,069	\$1,743,159	\$945,576	\$37,347,777
	Accumulated Depreciation	(\$4,111,963,183)	(\$198,859,787)	(\$763,121,787)	(\$1,565,351,255)	(\$309,006,063)	(\$443,820,926)	(\$458,337,032)	(\$62,537,883)	(\$94,525,586)	(\$32,688,252)	(\$21,884,411)	(\$6,328,419)	(\$4,263,897)	(\$151,237,884)
	Capital Contribution	(\$748,839,901)	(\$34,381,600)	(\$138,859,150)	(\$290,652,605)	(\$61,196,823)	(\$74,549,850)	(\$86,640,608)	(\$9,881,631)	(\$17,859,454)	(\$6,171,924)	(\$3,523,965)	(\$1,280,360)	(\$1,141,548)	(\$22,700,383)
Total Net Plant		\$6,795,848,450	\$304,252,385	\$1,211,794,870	\$2,565,510,356	\$493,713,798	\$763,668,945	\$826,862,712	\$107,032,012	\$170,250,035	\$57,164,831	\$33,449,824	\$11,227,201	\$5,643,172	\$245,278,311
Directly Allocated Net Fixed Assets		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
COP	Cost of Power (COP)	\$2,853,893,517	\$240,267,494	\$601,530,480	\$567,495,386	\$78,804,656	\$261,088,785	\$290,907,661	\$72,277,726	\$127,918,196	\$14,743,130	\$2,601,729	\$2,972,788	\$2,819,683	\$590,465,806
	OM&A Expenses	\$581,696,216	\$38,352,018	\$124,670,542	\$217,998,031	\$45,136,560	\$62,410,817	\$44,019,784	\$8,414,367	\$9,027,881	\$5,584,650	\$2,859,841	\$1,582,854	\$2,099,352	\$19,539,521
	Directly Allocated Expenses	\$11,266,603	\$0	\$0	\$0	\$0	\$337,826	\$2,246,240	\$84,592	\$665,848	\$0	\$1,100,921	\$0	\$4,320,182	\$2,510,995
	Subtotal	\$3,446,856,337	\$278,619,511	\$726,201,021	\$785,493,417	\$123,941,216	\$323,837,427	\$337,173,684	\$80,776,684	\$137,611,925	\$20,327,780	\$6,562,491	\$4,555,642	\$9,239,217	\$612,516,322
Working Capital		\$262,446,065	\$21,214,285	\$55,293,456	\$59,808,021	\$9,436,971	\$24,657,209	\$25,672,641	\$6,150,394	\$10,477,869	\$1,547,771	\$499,673	\$346,870	\$703,480	\$46,637,423
Total Rate Base		\$7,058,294,515	\$325,466,670	\$1,267,088,326	\$2,625,318,377	\$503,150,769	\$788,326,154	\$852,535,353	\$113,182,405	\$180,727,904	\$58,712,602	\$33,949,497	\$11,574,071	\$6,346,653	\$291,915,734
Rate Base Input Does Not Equal Output															
Equity Component of Rate Base		\$2,823,317,806	\$130,186,668	\$506,835,330	\$1,050,127,351	\$201,260,308	\$315,330,462	\$341,014,141	\$45,272,962	\$72,291,161	\$23,485,041	\$13,579,799	\$4,629,628	\$2,538,661	\$116,766,294
Net Income on Allocated Assets		\$252,509,087	\$26,323,055	\$87,933,197	\$63,942,152	\$23,008,261	\$27,536,518	\$14,102,903	\$2,047,353	\$2,908,560	\$1,339,674	\$553,233	\$878,663	(\$3,432,191)	\$5,367,707
Net Income on Direct Allocation Assets		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Net Income		\$252,509,087	\$26,323,055	\$87,933,197	\$63,942,152	\$23,008,261	\$27,536,518	\$14,102,903	\$2,047,353	\$2,908,560	\$1,339,674	\$553,233	\$878,663	(\$3,432,191)	\$5,367,707
RATIOS ANALYSIS															
REVENUE TO EXPENSES STATUS QUO%		100.00%	1.19	1.15	0.94	1.04	0.99	0.89	0.91	0.89	0.94	0.94	1.16	0.51	0.93
EXISTING REVENUE MINUS ALLOCATED COSTS		\$5,804,691	\$15,377,804	\$44,156,746	(\$29,424,291)	\$5,113,259	(\$251,428)	(\$16,116,219)	(\$1,855,487)	(\$3,311,419)	(\$739,166)	(\$427,918)	\$474,758	(\$3,625,985)	(\$3,565,963)
STATUS QUO REVENUE MINUS ALLOCATED COSTS		Deficiency Input equals Output													
		(\$0)	\$15,009,069	\$42,875,837	(\$31,457,600)	\$4,662,071	(\$889,985)	(\$16,661,501)	(\$1,938,141)	(\$3,425,744)	(\$786,768)	(\$442,160)	\$461,194	(\$3,640,814)	(\$3,765,458)
RETURN ON EQUITY COMPONENT OF RATE BASE		8.94%	20.22%	17.35%	6.09%	11.43%	8.73%	4.14%	4.52%	4.02%	5.70%	4.07%	18.98%	-135.20%	4.60%

Total Gross Plant including USoAs 1600s, 1700s and 2040	\$11,988,073,065
Total Accumulated Depreciation including USoAs 1600s, 1700s and 2040	(\$4,311,709,644)
Total Capital Contributions	(\$748,926,957)
Total Net Plant	\$6,927,436,464
Working Capital	\$262,446,065
Total Rate Base	\$7,189,882,529
Rate Base from I3 TB Data Sheet	\$7,189,882,529
	Rate Base Input Equals Output

Filed: 2016-12-01  
EB-2016-0315  
HONI Elimination of Seasonal Class Report Update  
Appendix B



## 2017 Cost Allocation Model

EB-2013-0416

### Sheet I6.1 Revenue Worksheet -

Total kWhs from Load Forecast	35,940,245,368
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Total kW from Load Forecast	42,807,067
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Deficiency/sufficiency (RRWF 8, cell F51)	5,804,691
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Miscellaneous Revenue (RRWF 5, cell F48)	52,660,366
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			1	2	3	4	5	6	7	8	9	10	11	12	13
	ID	Total	UR	R1	R2	Seasonal	GSe	GSd	UGe	UGd	St Lgt	Sen Lgt	USL	Dgen	ST
<b>Billing Data</b>															
Forecast kWh	CEN	35,940,245,368	2,039,119,237	5,105,111,619	4,816,260,166	668,804,952	2,215,826,849	2,468,895,806	613,411,739	1,085,625,236	125,123,040	22,080,536	25,229,669	23,930,288	16,730,826,230
Forecast kW	CDEM	42,807,067	-	-	-	-	-	8,541,960	-	3,048,496	-	-	-	240,223	30,976,388
Forecast kW, included in CDEM, of customers receiving line transformer allowance		1,943,417	-	-	-	-	-	1,282,252	-	458,952	-	-	-	202,214	-
Optional - Forecast kWh, included in CEN, from customers that receive a line transformation allowance on a kWh basis. In most cases this will not be applicable and will be left blank.		-	-	-	-	-	-	-	-	-	-	-	-	-	-
KWh excluding KWh from Wholesale Market Participants	CEN EWMP	24,220,626,299	2,039,119,237	5,105,111,619	4,816,260,166	668,804,952	2,215,826,849	2,468,895,806	613,411,739	1,085,625,236	125,123,040	22,080,536	25,229,669	23,930,288	5,011,207,161
Existing Monthly Charge			\$22.29	\$30.11	\$72.86	\$32.47	\$27.94	\$84.35	\$22.28	\$88.26	\$4.23	\$2.64	\$37.07	\$120.38	\$923.40
Existing Distribution kWh Rate			\$0.0162	\$0.0299	\$0.0426	\$0.0748	\$0.0563		\$0.0252		\$0.0911	\$0.1153	\$0.0305		
Existing Distribution kW Rate								\$14.8802		\$8.5146				\$5.9510	\$1.2824
Existing TFOA Rate															
Additional Charges															
Distribution Revenue from Rates		\$1,420,768,839	\$90,252,482	\$313,518,005	\$497,677,110	\$110,433,828	\$156,294,570	\$133,464,245	\$20,230,617	\$27,982,473	\$11,651,133	\$3,485,868	\$3,320,004	\$3,629,578	\$48,828,725
Transformer Ownership Allowance		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Net Class Revenue	CREV	\$1,420,768,839	\$90,252,482	\$313,518,005	\$497,677,110	\$110,433,828	\$156,294,570	\$133,464,245	\$20,230,617	\$27,982,473	\$11,651,133	\$3,485,868	\$3,320,004	\$3,629,578	\$48,828,725



# 2017 Cost Allocation Model

EB-2013-0416

## Sheet I6.2 Customer Data Worksheet -

Billing Data			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
Bad Debt 3 Year Historical Average	BDHA	\$18,833,333	\$2,293,039	\$6,304,210	\$5,606,188	\$521,010	\$1,400,549	\$1,173,872	\$248,515	\$75,122	\$2,423	\$141,368	\$184	\$200	\$1,066,653
Late Payment 3 Year Historical Average	LPHA	\$12,486,523	1,330,607	3,877,231	4,383,248	713,763	1,137,824	622,415	148,082	47,362	20,748	24,678	43	3,751	176,770
Number of Bills	CNB	14,498,855	2,567,014	5,342,915	4,014,609	620,134	1,128,973	75,378	214,212	22,952	59,675	356,054	68,802	18,276	9,861
Number of Devices											165,603				
Number of Connections (Unmetered)	CCON	41,270	-	-	-	-	-	-	-	-	20,700	14,836	5,734	-	-
Total Number of Customers	CCA	1,311,040	213,918	445,243	334,551	155,033	94,081	6,282	17,851	1,913	19,254	14,836	5,734	1,523	822
Bulk Customer Base	CCB	1,311,040	213,918	445,243	334,551	155,033	94,081	6,282	17,851	1,913	19,254	14,836	5,734	1,523	822
Primary Customer Base	CCP	1,309,464	213,918	445,243	334,551	155,033	94,081	6,282	17,851	1,913	19,254	14,836	5,734	694	75
Line Transformer Customer Base	CCLT	1,309,389	213,918	445,243	334,551	155,033	94,081	6,282	17,851	1,913	19,254	14,836	5,734	694	-
Secondary Customer Base	CCS	1,301,947	213,918	445,243	334,551	155,033	94,081	-	17,851	-	20,700	14,836	5,734	-	-
Weighted - Services	CWCS	1,097,751	106,959	333,932	501,826	155,033	-	-	-	-	-	-	-	-	-
Weighted Meter -Capital	CWMC	275,061,113	32,087,680	66,786,436	58,546,384	27,130,847	33,869,203	9,108,226	8,479,222	2,773,371	-	-	-	2,589,037	33,690,707
Weighted Meter Reading	CWMR	231,669	4,822	21,432	101,265	32,865	39,465	22,883	3,244	5,694	-	-	-	-	-
Weighted Bills	CWNB	16,605,475	2,567,014	5,342,915	4,014,609	620,134	2,257,947	527,649	428,424	160,664	119,350	7,121	137,604	274,133	147,910

### Bad Debt Data

Historic Year:	2010	18,600,000	2,135,698	6,402,146	5,228,951	439,515	1,428,325	992,491	267,662	89,762	163	333,611	145	364	1,281,167
Historic Year:	2011	19,100,000	2,448,536	6,260,315	5,031,459	602,476	1,232,416	1,397,055	165,705	60,194	1,336	30,593	44	-	1,869,873
Historic Year:	2012	18,800,000	2,294,885	6,250,168	6,558,155	521,039	1,540,907	1,132,070	312,178	75,411	5,771	59,902	362	235	48,918
Three-year average		18,833,333	2,293,039	6,304,210	5,606,188	521,010	1,400,549	1,173,872	248,515	75,122	2,423	141,368	184	200	1,066,653



# 2017 Cost Allocation Model

EB-2013-0416

## Sheet 18 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	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	
CO-INCIDENT PEAK																
1 CP																
Transformation CP	TCP1		6,576,889	420,540	1,113,874	1,112,733	186,278	330,470	383,480	101,156	142,925	33,436	5,901	3,165	3,687	2,739,244
Bulk Delivery CP	BCP1		6,366,324	407,013	1,078,677	1,078,495	180,542	320,218	371,192	97,933	138,297	32,395	5,717	3,067	3,567	2,649,214
Total Sytem CP	DCP1	6,576,889	420,540	1,113,874	1,112,733	186,278	330,470	383,480	101,156	142,925	33,436	5,901	3,165	3,687	2,739,244	
4 CP																
Transformation CP	TCP4		24,862,814	1,599,688	4,313,959	3,913,865	641,043	1,472,972	1,493,214	402,170	614,563	63,938	11,283	12,623	12,729	10,310,768
Bulk Delivery CP	BCP4		24,066,580	1,548,232	4,177,644	3,793,438	621,300	1,427,277	1,445,364	389,355	594,663	61,947	10,932	12,230	12,311	9,971,886
Total Sytem CP	DCP4		24,862,814	1,599,688	4,313,959	3,913,865	641,043	1,472,972	1,493,214	402,170	614,563	63,938	11,283	12,623	12,729	10,310,768
12 CP																
Transformation CP	TCP12		68,274,402	4,388,052	11,323,046	10,481,097	1,387,146	4,084,172	4,189,725	1,127,503	1,804,554	165,582	29,220	37,788	35,894	29,220,623
Bulk Delivery CP	BCP12		66,086,120	4,246,904	10,965,254	10,158,601	1,344,426	3,957,473	4,055,464	1,091,575	1,746,121	160,427	28,311	36,611	34,717	28,260,236
Total Sytem CP	DCP12		68,274,402	4,388,052	11,323,046	10,481,097	1,387,146	4,084,172	4,189,725	1,127,503	1,804,554	165,582	29,220	37,788	35,894	29,220,623
NON CO-INCIDENT PEAK																
1 NCP																
Classification NCP from																
Load Data Provider	DNCP1		7,179,540	460,054	1,195,312	1,188,180	230,192	445,502	443,854	127,379	205,722	50,744	8,955	3,197	4,249	2,816,200
Primary NCP	PNCP1		4,205,840	440,705	1,135,585	1,116,081	216,309	419,950	418,335	121,486	195,926	47,909	8,455	3,018	410	81,670
Line Transformer NCP	LTNCP1		4,031,531	440,705	1,135,585	1,116,081	216,309	419,950	355,538	121,486	166,429	47,909	8,455	3,018	65	-
Secondary NCP	SNCP1		3,413,371	435,245	1,110,885	1,075,276	208,508	406,480	-	119,381	-	46,469	8,200	2,927	-	-
4 NCP																
Classification NCP from																
Load Data Provider	DNCP4		27,415,347	1,782,564	4,506,121	4,421,246	826,597	1,699,534	1,760,243	487,509	773,196	194,182	34,267	12,738	16,656	10,900,494
Primary NCP	PNCP4		15,926,129	1,707,594	4,280,963	4,152,964	776,742	1,602,055	1,659,041	464,956	736,377	183,335	32,353	12,026	1,607	316,115
Line Transformer NCP	LTNCP4		15,248,757	1,707,594	4,280,963	4,152,964	776,742	1,602,055	1,409,999	464,956	625,516	183,335	32,353	12,026	254	-
Secondary NCP	SNCP4	12,852,573	1,686,437	4,187,845	4,001,128	748,729	1,550,669	-	456,897	-	177,823	31,380	11,665	-	-	
12 NCP																
Classification NCP from																
Load Data Provider	DNCP12	73,878,660	4,946,212	11,934,661	11,182,647	1,798,852	4,698,992	5,001,193	1,342,522	2,149,126	459,136	81,024	37,965	47,075	30,199,256	
Primary NCP	PNCP12	42,167,434	4,738,188	11,338,320	10,504,081	1,690,356	4,429,477	4,713,660	1,280,414	2,046,787	433,488	76,498	35,844	4,541	875,781	
Line Transformer NCP	LTNCP12	40,272,109	4,738,188	11,338,320	10,504,081	1,690,356	4,429,477	4,006,082	1,280,414	1,738,643	433,488	76,498	35,844	718	-	
Secondary NCP	SNCP12	33,595,652	4,679,481	11,091,692	10,120,043	1,629,394	4,287,401	-	1,258,221	-	420,454	74,198	34,766	-	-	



## 2017 Cost Allocation Model

EB-2013-0416

### Sheet 01 Revenue to Cost Summary Worksheet -

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

#### Class Revenue, Cost Analysis, and Return on Rate Base

Rate Base Assets		1	2	3	4	5	6	7	8	9	10	11	12	13
	Total	UR	R1	R2	Seasonal	GSe	GSd	UGe	UGd	St Lgt	Sen Lgt	USL	Dgen	ST
crev	Distribution Revenue at Existing Rates	\$1,434,332,541	\$90,336,679	\$347,406,356	\$587,612,292	\$0	\$156,294,570	\$133,464,245	\$20,230,617	\$27,982,473	\$11,651,133	\$3,485,868	\$3,320,004	\$3,629,578
mi	Miscellaneous Revenue (mi)	\$52,660,366	\$4,727,951	\$14,474,961	\$19,254,382	\$0	\$4,915,414	\$2,779,757	\$697,506	\$459,727	\$328,877	\$3,702,823	\$108,163	\$151,883
	Miscellaneous Revenue Input equals Output													
	Total Revenue at Existing Rates	\$1,486,992,907	\$95,064,630	\$361,971,317	\$606,866,674	\$0	\$161,209,984	\$136,244,002	\$20,928,123	\$28,442,200	\$11,980,010	\$7,188,690	\$3,428,167	\$3,781,462
	Factor required to recover deficiency (1 + D)	0.9865												
	Distribution Revenue at Status Quo Rates	\$1,414,963,948	\$89,116,813	\$342,803,919	\$579,677,435	\$0	\$154,184,037	\$131,662,003	\$19,957,432	\$27,604,610	\$11,493,802	\$3,438,796	\$3,275,172	\$3,580,566
	Miscellaneous Revenue (mi)	\$52,660,366	\$4,727,951	\$14,474,961	\$19,254,382	\$0	\$4,915,414	\$2,779,757	\$697,506	\$459,727	\$328,877	\$3,702,823	\$108,163	\$151,883
	Total Revenue at Status Quo Rates	\$1,467,624,315	\$93,844,764	\$357,278,880	\$598,931,817	\$0	\$159,099,451	\$134,441,760	\$20,654,938	\$28,064,327	\$11,822,679	\$7,141,619	\$3,383,335	\$3,732,449
	Expenses													
di	Distribution Costs (di)	\$332,255,829	\$13,944,078	\$67,907,140	\$159,086,751	\$0	\$34,825,366	\$29,197,683	\$4,014,950	\$5,849,751	\$3,526,333	\$1,743,418	\$713,356	\$121,072
cu	Customer Related Costs (cu)	\$111,714,507	\$15,588,700	\$37,257,808	\$33,437,103	\$0	\$12,544,790	\$3,707,150	\$2,368,412	\$874,455	\$751,601	\$452,616	\$504,920	\$945,800
ad	General and Administration (ad)	\$137,725,880	\$8,857,355	\$31,862,078	\$58,935,728	\$0	\$14,615,035	\$10,907,577	\$1,982,397	\$2,267,032	\$1,299,527	\$663,972	\$363,676	\$1,031,869
dep	Depreciation and Amortization (dep)	\$390,156,681	\$19,534,831	\$78,929,480	\$162,612,519	\$0	\$44,325,956	\$48,116,320	\$6,707,254	\$10,125,771	\$3,049,487	\$1,745,411	\$568,945	\$589,331
INPUT	PILs (INPUT)	\$48,698,035	\$2,182,172	\$9,559,692	\$20,900,878	\$0	\$5,487,958	\$6,063,492	\$775,618	\$1,248,944	\$409,357	\$191,888	\$80,413	\$40,202
INT	Interest	\$183,297,692	\$8,213,620	\$35,982,345	\$78,670,169	\$0	\$20,656,482	\$22,822,771	\$2,919,401	\$4,700,981	\$1,540,806	\$722,258	\$302,671	\$151,319
	Total Expenses	\$1,203,846,625	\$68,320,757	\$261,498,543	\$513,643,149	\$0	\$132,455,587	\$120,814,993	\$18,768,032	\$25,066,933	\$10,577,111	\$5,519,562	\$2,533,981	\$2,879,593
	Direct Allocation	\$11,266,603	\$0	\$0	\$0	\$0	\$337,826	\$2,246,240	\$84,592	\$665,848	\$0	\$1,100,921	\$0	\$4,320,182
NI	Allocated Net Income (NI)	\$252,509,087	\$11,315,002	\$49,568,923	\$108,375,247	\$0	\$28,456,166	\$31,440,424	\$4,021,737	\$6,476,025	\$2,122,599	\$994,976	\$416,956	\$208,456
	Revenue Requirement (includes NI)	\$1,467,624,315	\$79,635,758	\$311,067,466	\$622,018,395	\$0	\$161,249,579	\$154,501,656	\$22,874,361	\$32,208,806	\$12,699,710	\$7,615,459	\$2,950,937	\$7,408,231
	Revenue Requirement Input equals Output													
	Rate Base Calculation													
	Net Assets													
dp	Distribution Plant - Gross	\$10,592,184,884	\$490,026,676	\$2,120,995,934	\$4,584,053,677	\$0	\$1,165,368,362	\$1,269,756,203	\$164,436,471	\$261,722,109	\$87,038,911	\$40,712,790	\$17,071,551	\$10,099,658
gp	General Plant - Gross	\$581,696,216	\$47,175,679	\$207,244,669	\$452,754,314	\$0	\$116,975,840	\$130,169,343	\$16,449,015	\$26,814,664	\$8,811,437	\$18,126,369	\$1,741,074	\$944,577
accum	Accumulated Depreciation	(\$4,111,963,183)	(\$198,706,255)	(\$841,213,508)	(\$1,788,194,001)	\$0	(\$443,016,255)	(\$465,931,247)	(\$62,860,103)	(\$96,135,530)	(\$32,626,304)	(\$21,877,564)	(\$6,320,029)	(\$4,266,684)
co	Capital Contribution	(\$748,839,901)	(\$34,269,677)	(\$153,826,957)	(\$333,921,342)	\$0	(\$74,947,848)	(\$88,936,564)	(\$10,017,103)	(\$18,337,058)	(\$6,162,418)	(\$3,522,973)	(\$1,279,144)	(\$1,139,002)
	Total Net Plant	\$6,795,848,450	\$304,269,422	\$1,333,200,139	\$2,914,692,648	\$0	\$764,480,099	\$845,057,735	\$108,008,281	\$174,064,185	\$57,061,626	\$33,438,623	\$11,213,451	\$5,638,549
	Directly Allocated Net Fixed Assets	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
COP	Cost of Power (COP)	\$2,853,893,517	\$240,351,778	\$634,733,258	\$613,012,978	\$0	\$261,088,785	\$290,907,661	\$72,277,726	\$127,918,196	\$14,743,130	\$2,601,729	\$2,972,788	\$2,819,683
	OM&A Expenses	\$581,696,216	\$38,390,133	\$137,027,026	\$251,459,582	\$0	\$61,985,191	\$43,812,410	\$8,365,759	\$8,991,238	\$5,577,460	\$2,860,006	\$1,581,953	\$2,098,741
	Directly Allocated Expenses	\$11,266,603	\$0	\$0	\$0	\$0	\$337,826	\$2,246,240	\$84,592	\$665,848	\$0	\$1,100,921	\$0	\$4,320,182
	Subtotal	\$3,446,856,337	\$278,741,911	\$771,760,285	\$864,472,561	\$0	\$323,411,801	\$336,966,310	\$80,728,076	\$137,575,282	\$20,320,590	\$6,562,656	\$4,554,741	\$9,238,666
	Working Capital	\$262,446,065	\$21,223,695	\$58,762,371	\$65,821,549	\$0	\$24,624,802	\$25,656,852	\$6,146,693	\$10,475,079	\$1,547,224	\$499,685	\$346,801	\$703,434
	Total Rate Base	\$7,058,294,515	\$325,493,027	\$1,391,962,509	\$2,980,514,197	\$0	\$789,104,901	\$870,714,587	\$114,154,973	\$184,539,264	\$58,608,850	\$33,938,308	\$11,560,252	\$6,341,983
	Equity Component of Rate Base	\$2,823,317,806	\$130,197,211	\$556,785,004	\$1,192,205,679	\$0	\$315,641,960	\$348,285,835	\$45,661,989	\$73,815,705	\$23,443,540	\$13,575,323	\$4,624,101	\$2,536,793
	Net Income on Allocated Assets	\$252,509,087	\$25,524,007	\$95,780,336	\$85,288,669	\$0	\$26,306,038	\$11,380,527	\$1,802,314	\$2,331,556	\$1,245,568	\$521,135	\$849,354	(\$3,467,326)
	Net Income on Direct Allocation Assets	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Net Income	\$252,509,087	\$25,524,007	\$95,780,336	\$85,288,669	\$0	\$26,306,038	\$11,380,527	\$1,802,314	\$2,331,556	\$1,245,568	\$521,135	\$849,354	(\$3,467,326)
	RATIOS ANALYSIS													
	REVENUE TO EXPENSES STATUS QUO%	100.00%	1.18	1.15	0.96	0.00%	0.99	0.87	0.90	0.87	0.93	0.94	1.15	0.50
	EXISTING REVENUE MINUS ALLOCATED COSTS	\$19,368,592	\$15,428,872	\$50,903,851	(\$15,151,721)	\$0	(\$39,595)	(\$18,257,654)	(\$1,946,238)	(\$3,766,606)	(\$719,699)	(\$426,769)	\$477,230	(\$3,626,769)
	STATUS QUO REVENUE MINUS ALLOCATED COSTS	(\$0)	\$14,209,005	\$46,211,414	(\$23,086,578)	\$0	(\$2,150,128)	(\$20,059,897)	(\$2,219,423)	(\$4,144,469)	(\$877,031)	(\$473,840)	\$432,398	(\$3,675,781)
	RETURN ON EQUITY COMPONENT OF RATE BASE	8.94%	19.60%	17.20%	7.15%	0.00%	8.33%	3.27%	3.95%	3.16%	5.31%	3.84%	18.37%	-136.68%
	Total Gross Plant including USOsAs 1600s, 1700s and 2040	\$11,988,073,065												
	Total Accumulated Depreciation including USOsAs 1600s, 1700s and 2040	(\$4,311,709,644)												
	Total Capital Contributions	(\$748,926,957)												
	Total Net Plant	\$6,927,436,464												
	Working Capital	\$262,446,065												
	Total Rate Base	\$7,189,882,529												
	Rate Base from I3 TB Data Sheet	\$7,189,882,529												
	Rate Base Input Equals Output													



## 2017 Cost Allocation Model

EB-2013-0416

### Sheet I6.1 Revenue Worksheet -

Total kWhs from Load Forecast	35,940,245,368
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Total kW from Load Forecast	42,807,067
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Deficiency/sufficiency ( RRWF 8. cell F51)	19,368,592
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Miscellaneous Revenue (RRWF 5. cell F48)	52,660,366
---	------------

			1	2	3	4	5	6	7	8	9	10	11	12	13
	ID	Total	UR	R1	R2	Seasonal	GSe	GSd	UGe	UGd	St Lgt	Sen Lgt	USL	Dgen	ST
Billing Data															
Forecast kWh	CEN	35,940,245,368	2,039,834,549	5,386,899,320	5,202,562,106	-	2,215,826,849	2,468,895,806	613,411,739	1,085,625,236	125,123,040	22,080,536	25,229,669	23,930,288	16,730,826,230
Forecast kW	CDEM	42,807,067	-	-	-	-	-	8,541,960	-	3,048,496	-	-	-	240,223	30,976,388
Forecast kW, included in CDEM, of customers receiving line transformer allowance		1,943,417	-	-	-	-	-	1,282,252	-	458,952	-	-	-	202,214	-
Optional - Forecast kWh, included in CEN, from customers that receive a line transformation allowance on a kWh basis. In most cases this will not be applicable and will be left blank.		-	-	-	-	-	-	-	-	-	-	-	-	-	-
KWh excluding KWh from Wholesale Market Participants	CEN EWMP	24,220,626,299	2,039,834,549	5,386,899,320	5,202,562,106	-	2,215,826,849	2,468,895,806	613,411,739	1,085,625,236	125,123,040	22,080,536	25,229,669	23,930,288	5,011,207,161
Existing Monthly Charge			\$22.29	\$30.11	\$72.86	\$32.47	\$27.94	\$84.35	\$22.28	\$88.26	\$4.23	\$2.64	\$37.07	\$120.38	\$923.40
Existing Distribution kWh Rate			\$0.0162	\$0.0299	\$0.0426	\$0.0748	\$0.0563		\$0.0252		\$0.0911	\$0.1153	\$0.0305		
Existing Distribution kW Rate								\$14.8802		\$8.5146				\$5.9510	\$1.2824
Existing TFOA Rate															
Additional Charges															
Distribution Revenue from Rates		\$1,434,332,541	\$90,336,679	\$347,496,356	\$587,612,292	\$0	\$156,294,570	\$133,464,245	\$20,230,617	\$27,982,473	\$11,651,133	\$3,485,868	\$3,320,004	\$3,629,578	\$48,828,725
Transformer Ownership Allowance		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Net Class Revenue	CREV	\$1,434,332,541	\$90,336,679	\$347,496,356	\$587,612,292	\$0	\$156,294,570	\$133,464,245	\$20,230,617	\$27,982,473	\$11,651,133	\$3,485,868	\$3,320,004	\$3,629,578	\$48,828,725





## 2017 Cost Allocation Model

EB-2013-0416

### 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	\$18,712,490	\$2,268,570	\$6,443,430	\$5,891,604	\$0	\$1,400,549	\$1,173,872	\$248,515	\$75,122	\$2,423	\$141,368	\$184	\$200	\$1,066,653
Late Payment 3 Year Historical Average	LPHA	\$12,486,523	1,331,371	4,177,961	4,795,517	-	1,137,824	622,415	148,082	47,362	20,748	24,678	43	3,751	176,770
Number of Bills	CNB	14,498,855	2,568,100	5,625,799	4,350,773	-	1,128,973	75,378	214,212	22,952	59,675	356,054	68,802	18,276	9,861
Number of Devices											165,603				
Number of Connections (Unmetered)	CCON	41,270	-	-	-	-	-	-	-	-	20,700	14,836	5,734	-	-
Total Number of Customers	CCA	1,311,040	214,189	515,964	418,592	-	94,081	6,282	17,851	1,913	19,254	14,836	5,734	1,523	822
Bulk Customer Base	CCB	1,311,040	214,189	515,964	418,592	-	94,081	6,282	17,851	1,913	19,254	14,836	5,734	1,523	822
Primary Customer Base	CCP	1,309,464	214,189	515,964	418,592	-	94,081	6,282	17,851	1,913	19,254	14,836	5,734	694	75
Line Transformer Customer Base	CCLT	1,309,389	214,189	515,964	418,592	-	94,081	6,282	17,851	1,913	19,254	14,836	5,734	694	-
Secondary Customer Base	CCS	1,301,947	214,189	515,964	418,592	-	94,081	-	17,851	-	20,700	14,836	5,734	-	-
Weighted - Services	CWCS	1,121,955	107,095	386,973	627,888	-	-	-	-	-	-	-	-	-	-
Weighted Meter -Capital	CWMC	273,286,303	32,128,398	77,394,581	73,253,558	-	33,869,203	9,108,226	8,479,222	2,773,371	-	-	-	2,589,037	33,690,707
Weighted Meter Reading	CWMR	220,576	4,845	28,928	115,517	-	39,465	22,883	3,244	5,694	-	-	-	-	-
Weighted Bills	CWNB	16,605,475	2,568,100	5,625,799	4,350,773	-	2,257,947	527,649	428,424	160,664	119,350	7,121	137,604	274,133	147,910
Bad Debt Data															
Historic Year:	2010	18,498,059	2,115,056	6,519,591	5,469,723	-	1,428,325	992,491	267,662	89,762	163	333,611	145	364	1,281,167
Historic Year:	2011	18,960,262	2,420,240	6,421,304	5,361,503	-	1,232,416	1,397,055	165,705	60,194	1,336	30,593	44	-	1,869,873
Historic Year:	2012	18,679,150	2,270,414	6,389,396	6,843,586	-	1,540,907	1,132,070	312,178	75,411	5,771	59,902	362	235	48,918
Three-year average		18,712,490	2,268,570	6,443,430	5,891,604	-	1,400,549	1,173,872	248,515	75,122	2,423	141,368	184	200	1,066,653



# 2017 Cost Allocation Model

EB-2013-0416

Sheet 18 Demand Data Worksheet -

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			1	2	3	4	5	6	7	8	9	10	11	12	13
			Total	UR	R1	R2	Seasonal	GSe	GSd	UGe	UGd	St Lgt	Sen Lgt	USL	Dgen
CO-INCIDENT PEAK															
1 CP															
Transformation CP	TCP1	6,564,121	414,526	1,189,349	1,216,782	-	330,470	383,480	101,156	142,925	33,436	5,901	3,165	3,687	2,739,244
Bulk Delivery CP	BCP1	6,353,899	401,192	1,151,767	1,179,342	-	320,218	371,192	97,933	138,297	32,395	5,717	3,067	3,567	2,649,214
Total Sytem CP	DCP1	6,564,121	414,526	1,189,349	1,216,782	-	330,470	383,480	101,156	142,925	33,436	5,901	3,165	3,687	2,739,244
4 CP															
Transformation CP	TCP4	25,078,970	1,666,472	4,614,021	4,664,181	-	1,348,560	1,454,867	363,454	591,022	63,938	11,283	12,630	12,436	10,276,106
Bulk Delivery CP	BCP4	24,275,994	1,612,868	4,468,225	4,520,668	-	1,306,725	1,408,245	351,873	571,885	61,947	10,932	12,237	12,028	9,938,364
Total Sytem CP	DCP4	25,078,970	1,666,472	4,614,021	4,664,181	-	1,348,560	1,454,867	363,454	591,022	63,938	11,283	12,630	12,436	10,276,106
12 CP															
Transformation CP	TCP12	68,520,690	4,577,376	12,043,082	11,970,889	-	3,876,868	4,031,264	1,059,378	1,736,272	165,558	29,216	37,807	35,351	28,957,630
Bulk Delivery CP	BCP12	66,324,999	4,430,138	11,662,538	11,602,554	-	3,756,600	3,902,081	1,025,621	1,680,049	160,404	28,307	36,630	34,191	28,005,886
Total Sytem CP	DCP12	68,520,690	4,577,376	12,043,082	11,970,889	-	3,876,868	4,031,264	1,059,378	1,736,272	165,558	29,216	37,807	35,351	28,957,630
NON CO-INCIDENT PEAK															
1 NCP															
Classification NCP from															
Load Data Provider	DNCP1	7,212,290	453,001	1,317,477	1,336,010	-	445,502	443,854	127,379	205,722	50,744	8,955	3,197	4,249	2,816,200
Primary NCP	PNCP1	4,237,695	433,949	1,251,647	1,254,940	-	419,950	418,335	121,486	195,926	47,909	8,455	3,018	410	81,670
Line Transformer NCP	LTNCP1	4,063,386	433,949	1,251,647	1,254,940	-	419,950	355,538	121,486	166,429	47,909	8,455	3,018	65	-
Secondary NCP	SNCP1	3,445,510	428,573	1,224,421	1,209,058	-	406,480	-	119,381	-	46,469	8,200	2,927	-	-
4 NCP															
Classification NCP from															
Load Data Provider	DNCP4	27,433,174	1,764,255	4,845,826	4,944,274	-	1,699,534	1,760,243	487,509	773,196	194,182	34,267	12,738	16,656	10,900,494
Primary NCP	PNCP4	15,945,869	1,690,055	4,603,694	4,644,254	-	1,602,055	1,659,041	464,956	736,377	183,335	32,353	12,026	1,607	316,115
Line Transformer NCP	LTNCP4	15,268,497	1,690,055	4,603,694	4,644,254	-	1,602,055	1,409,999	464,956	625,516	183,335	32,353	12,026	254	-
Secondary NCP	SNCP4	12,875,561	1,669,115	4,503,556	4,474,456	-	1,550,669	-	456,897	-	177,823	31,380	11,665	-	-
12 NCP															
Classification NCP from															
Load Data Provider	DNCP12	73,759,148	4,932,604	12,562,841	12,247,414	-	4,698,992	5,001,193	1,342,522	2,149,126	459,136	81,024	37,965	47,075	30,199,256
Primary NCP	PNCP12	42,060,990	4,725,152	11,935,111	11,504,238	-	4,429,477	4,713,660	1,280,414	2,046,787	433,488	76,498	35,844	4,541	875,781
Line Transformer NCP	LTNCP12	40,165,665	4,725,152	11,935,111	11,504,238	-	4,429,477	4,006,082	1,280,414	1,738,643	433,488	76,498	35,844	718	-
Secondary NCP	SNCP12	33,500,784	4,666,808	11,675,503	11,083,633	-	4,287,401	-	1,258,221	-	420,454	74,198	34,766	-	-

**2017 Rate Design (Seasonal Status Quo)**

		A	B	C	D=A-C	E	F=A/B	G	H=B*G	I=H-A	J=I/D	K	L=J-K-C								
		Number of Customers	GWh	kWs	Revenue	Alloc Cost	Misc Rev	Revenue from Rates	2016 R/C Ratio	R/C Ratio from the CAM	Target 2017 R/C Ratio	Total rev to be collected	Shifted Rev	% Change in revenue from rates	Fixed Charge (\$/month)	Revenue from Fixed Charge	Revenue from Volumetric Charge	Volumetric Charge (\$/kWh)	Volumetric Charge (\$/kW)	Fixed Rev %	All Fixed Charge (\$/month)
UR		213,918	2,039	-	\$ 94,608,021	\$ 79,598,952	\$ 4,724,275	\$ 89,883,746	1.18	1.19	1.10	87,558,848	(7,049,173)	-8%	\$ 24.78	\$ 63,622,706	\$ 19,211,867	\$ 0.0094		77%	\$ 32.27
R1		445,243	5,105	-	\$ 325,503,773	\$ 282,627,936	\$ 13,266,677	\$ 312,237,097	1.14	1.15	1.10	310,890,730	(14,613,043)	-5%	\$ 33.77	\$ 180,410,723	\$ 117,213,330	\$ 0.0230		61%	\$ 55.70
R2		334,551	4,816	-	\$ 512,656,642	\$ 544,114,242	\$ 17,012,841	\$ 495,643,800	0.93	0.94	0.95	519,419,821	6,763,179	1%	\$ 80.33	\$ 322,490,506	\$ 179,916,474	\$ 0.0374		64%	\$ 125.14
Seasonal		155,033	669	-	\$ 113,408,519	\$ 108,746,448	\$ 3,425,879	\$ 109,982,640	1.04	1.04	1.04	113,408,519	-	0%	\$ 36.28	\$ 67,489,421	\$ 42,493,219	\$ 0.0635		61%	\$ 59.12
GSe		94,081	2,216	-	\$ 160,587,765	\$ 161,477,751	\$ 4,931,753	\$ 155,656,013	1.01	0.99	0.99	160,587,765	-	0%	\$ 27.87	\$ 31,459,959	\$ 124,196,054	\$ 0.0560		20%	
GSd		6,282	2,469	8,541,960	\$ 135,706,681	\$ 152,368,182	\$ 2,787,717	\$ 132,918,964	0.93	0.89	0.95	145,453,009	9,746,328	7%	\$ 89.48	\$ 6,744,785	\$ 135,920,506		\$ 15.9121	5%	
UGe		17,851	613	-	\$ 20,847,335	\$ 22,785,476	\$ 699,372	\$ 20,147,963	0.93	0.91	0.95	21,751,366	904,031	4%	\$ 23.30	\$ 4,991,623	\$ 16,060,371	\$ 0.0262		24%	
UGd		1,913	1,086	3,048,496	\$ 28,329,281	\$ 31,755,025	\$ 461,133	\$ 27,868,148	0.93	0.89	0.95	30,313,835	1,984,554	7%	\$ 93.97	\$ 2,156,699	\$ 27,696,003		\$ 9.0851	7%	
St Lgt		4,973	125	-	\$ 11,932,685	\$ 12,719,453	\$ 329,153	\$ 11,603,532	0.93	0.94	0.95	12,142,185	209,500	2%	\$ 4.25	\$ 253,678	\$ 11,559,354	\$ 0.0924		2%	
Sen Lgt		29,671	22	-	\$ 7,174,442	\$ 7,616,602	\$ 3,702,817	\$ 3,471,626	0.93	0.94	0.95	7,270,925	96,483	3%	\$ 2.71	\$ 966,205	\$ 2,601,904	\$ 0.1178		27%	
USL		5,734	25	-	\$ 3,414,638	\$ 2,953,443	\$ 108,198	\$ 3,306,440	1.16	1.16	1.10	3,248,788	(165,850)	-5%	\$ 35.18	\$ 2,420,705	\$ 719,885	\$ 0.0285		77%	
DGen		1,523	24	240,223	\$ 3,766,656	\$ 7,407,470	\$ 151,907	\$ 3,614,749	0.51	0.51	0.61	4,551,150	784,494	22%	\$ 149.34	\$ 2,729,271	\$ 1,669,971		\$ 6.9518	62%	
ST		822	16,731	30,976,388	\$ 49,687,877	\$ 53,453,334	\$ 1,058,646	\$ 48,629,231	0.93	0.93	0.95	51,027,375	1,339,498	3%	\$ 948.13	\$ 9,349,261	\$ 40,619,467		\$ 1.3113	19%	
		1,311,594	35,940	42,807,067	\$ 1,467,624,315	\$ 1,467,624,315	\$ 52,660,366	\$ 1,414,963,948				\$ 1,467,624,314.54	\$ (0.00)		\$ 695,085,542	\$ 719,878,406					
																Total Rev	\$ 1,414,963,948				
																Misc Rev	\$ 52,660,366				
																Total Rev Req	\$ 1,467,624,315				
																2017 Revenue at 2016 rates	\$ 1,420,768,639				
																					-0.4086%



**2017 Bill Impacts (Low Consumption Level)**

Rate Class	UR
Monthly Consumption (kWh)	350
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	369.95
Charge determinant	kWh

Filed: 2016-12-01  
EB-2016-0315  
HONI Elimination of Seasonal Class Report Update  
Appendix E

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	350	0.103	36.05	350	0.103	36.05	0.00	0.00%	42.96%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.05</b>			<b>36.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>42.96%</b>	
TOU-Off Peak	228	0.087	19.79	228	0.087	19.79	0.00	0.00%		22.64%
TOU-Mid Peak	60	0.132	7.85	60	0.132	7.85	0.00	0.00%		8.98%
TOU-On Peak	63	0.180	11.34	63	0.180	11.34	0.00	0.00%		12.97%
<b>Sub-Total: Energy (TOU)</b>			<b>38.99</b>			<b>38.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.46%</b>	<b>44.59%</b>
Service Charge	1	22.29	22.29	1	24.78	24.78	2.49	11.17%	29.53%	28.34%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.69	0.69	1	0.72	0.72	0.03	4.35%	0.86%	0.82%
Distribution Volumetric Rate	350	0.0162	5.67	350	0.0094	3.29	-2.38	-41.98%	3.92%	3.76%
Volumetric Deferral/Variance Account Rider	350	-0.0002	-0.07	350	-0.0003	-0.11	-0.04	50.00%	-0.13%	-0.12%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>28.58</b>			<b>28.69</b>	<b>0.11</b>	<b>0.37%</b>	<b>34.18%</b>	<b>32.81%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.94%	0.90%
Line Losses on Cost of Power (based on two-tier RPP prices)	20	0.10	2.05	20	0.10	2.05	0.00	0.00%	2.45%	2.35%
Line Losses on Cost of Power (based on TOU prices)	20	0.11	2.22	20	0.11	2.22	0.00	0.00%	2.65%	2.54%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>31.42</b>			<b>31.53</b>	<b>0.11</b>	<b>0.33%</b>	<b>37.57%</b>	<b>36.06%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>31.59</b>			<b>31.70</b>	<b>0.11</b>	<b>0.33%</b>	<b>37.77%</b>	<b>36.25%</b>
Retail Transmission Rate – Network Service Rate	370	0.0069	2.55	370	0.0067	2.48	-0.07	-2.90%	2.95%	2.84%
Retail Transmission Rate – Line and Transformation Connection \$	370	0.0049	1.81	370	0.0047	1.74	-0.07	-4.08%	2.07%	1.99%
<b>Sub-Total: Retail Transmission</b>			<b>4.37</b>			<b>4.22</b>	<b>-0.15</b>	<b>-3.39%</b>	<b>5.03%</b>	<b>4.82%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>35.79</b>			<b>35.75</b>	<b>-0.04</b>	<b>-0.12%</b>	<b>42.60%</b>	<b>40.89%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>35.96</b>			<b>35.91</b>	<b>-0.04</b>	<b>-0.12%</b>	<b>42.80%</b>	<b>41.08%</b>
Wholesale Market Service Rate	370	0.0036	1.33	370	0.0036	1.33	0.00	0.00%	1.59%	1.52%
Rural Rate Protection Charge	370	0.0013	0.48	370	0.0013	0.48	0.00	0.00%	0.57%	0.55%
Ontario Electricity Support Program Charge	370	0.0011	0.41	370	0.0011	0.41	0.00	0.00%	0.48%	0.47%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.30%	0.29%
<b>Sub-Total: Regulatory</b>			<b>2.47</b>			<b>2.47</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.94%</b>	<b>2.82%</b>
Debt Retirement Charge (DRC)	350	0.000	0.00	350	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>74.31</b>			<b>74.27</b>	<b>-0.04</b>	<b>-0.06%</b>	<b>88.50%</b>	
HST		0.13	9.66		0.13	9.65	-0.01	-0.06%	11.50%	
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>83.97</b>			<b>83.92</b>	<b>-0.05</b>	<b>-0.06%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before HST)</b>			<b>77.41</b>			<b>77.37</b>	<b>-0.04</b>	<b>-0.06%</b>		<b>88.50%</b>
HST		0.13	10.06		0.13	10.06	-0.01	-0.06%	11.50%	
<b>Total Bill on TOU (including HST)</b>			<b>87.48</b>			<b>87.43</b>	<b>-0.05</b>	<b>-0.06%</b>		<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	UR
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	792.75
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	41.34%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	12.14%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.49%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		27.71%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		10.99%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		15.87%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.89%</b>	<b>54.58%</b>
Service Charge	1	22.29	22.29	1	24.78	24.78	2.49	11.17%	16.58%	16.19%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.69	0.69	1	0.72	0.72	0.03	4.35%	0.48%	0.47%
Distribution Volumetric Rate	750	0.0162	12.15	750	0.0094	7.05	-5.10	-41.98%	4.72%	4.61%
Volumetric Deferral/Variance Account Rider	750	-0.0002	-0.15	750	-0.0003	-0.23	-0.08	50.00%	-0.15%	-0.15%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>34.98</b>			<b>32.33</b>	<b>-2.66</b>	<b>-7.59%</b>	<b>21.63%</b>	<b>21.12%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.53%	0.52%
Line Losses on Cost of Power (based on two-tier RPP prices)	43	0.12	5.17	43	0.12	5.17	0.00	0.00%	3.46%	3.38%
Line Losses on Cost of Power (based on TOU prices)	43	0.11	4.76	43	0.11	4.76	0.00	0.00%	3.19%	3.11%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>40.94</b>			<b>38.29</b>	<b>-2.66</b>	<b>-6.48%</b>	<b>25.61%</b>	<b>25.01%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>40.53</b>			<b>37.88</b>	<b>-2.66</b>	<b>-6.55%</b>	<b>25.34%</b>	<b>24.74%</b>
Retail Transmission Rate – Network Service Rate	793	0.0069	5.47	793	0.0067	5.31	-0.16	-2.90%	3.55%	3.47%
Retail Transmission Rate – Line and Transformation Connection \$	793	0.0049	3.88	793	0.0047	3.73	-0.16	-4.08%	2.49%	2.43%
<b>Sub-Total: Retail Transmission</b>			<b>9.35</b>			<b>9.04</b>	<b>-0.32</b>	<b>-3.39%</b>	<b>6.05%</b>	<b>5.90%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>50.30</b>			<b>47.33</b>	<b>-2.97</b>	<b>-5.91%</b>	<b>31.66%</b>	<b>30.92%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>49.89</b>			<b>46.91</b>	<b>-2.97</b>	<b>-5.96%</b>	<b>31.39%</b>	<b>30.65%</b>
Wholesale Market Service Rate	793	0.0036	2.85	793	0.0036	2.85	0.00	0.00%	1.91%	1.86%
Rural Rate Protection Charge	793	0.0013	1.03	793	0.0013	1.03	0.00	0.00%	0.69%	0.67%
Ontario Electricity Support Program Charge	793	0.0011	0.87	793	0.0011	0.87	0.00	0.00%	0.58%	0.57%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.17%	0.16%
<b>Sub-Total: Regulatory</b>			<b>5.01</b>			<b>5.01</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.35%</b>	<b>3.27%</b>
Debt Retirement Charge (DRC)	750	0.000	0.00	750	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>135.25</b>			<b>132.28</b>	<b>-2.97</b>	<b>-2.20%</b>	<b>88.50%</b>	
<b>HST</b>		0.13	17.58		0.13	17.20	-0.39	-2.20%	11.50%	
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>152.84</b>			<b>149.48</b>	<b>-3.36</b>	<b>-2.20%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before HST)</b>			<b>138.44</b>			<b>135.46</b>	<b>-2.97</b>	<b>-2.15%</b>		<b>88.50%</b>
<b>HST</b>		0.13	18.00		0.13	17.61	-0.39	-2.15%		<b>11.50%</b>
<b>Total Bill on TOU (including HST)</b>			<b>156.43</b>			<b>153.07</b>	<b>-3.36</b>	<b>-2.15%</b>		<b>100.00%</b>

**2017 Bill Impacts (High Consumption Level)**

Rate Class	UR
Monthly Consumption (kWh)	1400
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1479.8
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	23.44%	
Energy Second Tier (kWh)	800	0.121	96.80	800	0.121	96.80	0.00	0.00%	36.72%	
<b>Sub-Total: Energy (RPP)</b>			<b>158.60</b>			<b>158.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>60.16%</b>	
TOU-Off Peak	910	0.087	79.17	910	0.087	79.17	0.00	0.00%		30.48%
TOU-Mid Peak	238	0.132	31.42	238	0.132	31.42	0.00	0.00%		12.09%
TOU-On Peak	252	0.180	45.36	252	0.180	45.36	0.00	0.00%		17.46%
<b>Sub-Total: Energy (TOU)</b>			<b>155.95</b>			<b>155.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>59.16%</b>	<b>60.04%</b>
Service Charge	1	22.29	22.29	1	24.78	24.78	2.49	11.17%	9.40%	9.54%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.69	0.69	1	0.72	0.72	0.03	4.35%	0.27%	0.28%
Distribution Volumetric Rate	1,400	0.0162	22.68	1,400	0.0094	13.16	-9.52	-41.98%	4.99%	5.07%
Volumetric Deferral/Variance Account Rider	1,400	-0.0002	-0.28	1,400	-0.0003	-0.42	-0.14	50.00%	-0.16%	-0.16%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>45.38</b>			<b>38.24</b>	<b>-7.14</b>	<b>-15.73%</b>	<b>14.51%</b>	<b>14.72%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.30%	0.30%
Line Losses on Cost of Power (based on two-tier RPP prices)	80	0.12	9.66	80	0.12	9.66	0.00	0.00%	3.66%	3.72%
Line Losses on Cost of Power (based on TOU prices)	80	0.11	8.89	80	0.11	8.89	0.00	0.00%	3.37%	3.42%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>55.83</b>			<b>48.69</b>	<b>-7.14</b>	<b>-12.79%</b>	<b>18.47%</b>	<b>18.74%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>55.06</b>			<b>47.92</b>	<b>-7.14</b>	<b>-12.97%</b>	<b>18.18%</b>	<b>18.45%</b>
Retail Transmission Rate – Network Service Rate	1,480	0.0069	10.21	1,480	0.0067	9.91	-0.30	-2.90%	3.76%	3.82%
Retail Transmission Rate – Line and Transformation Connection \$	1,480	0.0049	7.25	1,480	0.0047	6.96	-0.30	-4.08%	2.64%	2.68%
<b>Sub-Total: Retail Transmission</b>			<b>17.46</b>			<b>16.87</b>	<b>-0.59</b>	<b>-3.39%</b>	<b>6.40%</b>	<b>6.49%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>73.29</b>			<b>65.56</b>	<b>-7.73</b>	<b>-10.55%</b>	<b>24.87%</b>	<b>25.24%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>72.52</b>			<b>64.79</b>	<b>-7.73</b>	<b>-10.66%</b>	<b>24.58%</b>	<b>24.94%</b>
Wholesale Market Service Rate	1,480	0.0036	5.33	1,480	0.0036	5.33	0.00	0.00%	2.02%	2.05%
Rural Rate Protection Charge	1,480	0.0013	1.92	1,480	0.0013	1.92	0.00	0.00%	0.73%	0.74%
Ontario Electricity Support Program Charge	1,480	0.0011	1.63	1,480	0.0011	1.63	0.00	0.00%	0.62%	0.63%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.09%	0.10%
<b>Sub-Total: Regulatory</b>			<b>9.13</b>			<b>9.13</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.46%</b>	<b>3.51%</b>
Debt Retirement Charge (DRC)	1,400	0.000	0.00	1,400	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>241.02</b>			<b>233.28</b>	<b>-7.73</b>	<b>-3.21%</b>	<b>88.50%</b>	
<b>HST</b>		0.13	31.33		0.13	30.33	-1.01	-3.21%	11.50%	
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>272.35</b>			<b>263.61</b>	<b>-8.74</b>	<b>-3.21%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before HST)</b>			<b>237.60</b>			<b>229.86</b>	<b>-7.73</b>	<b>-3.25%</b>		<b>88.50%</b>
<b>HST</b>		0.13	30.89		0.13	29.88	-1.01	-3.25%		<b>11.50%</b>
<b>Total Bill on TOU (including HST)</b>			<b>268.48</b>			<b>259.75</b>	<b>-8.74</b>	<b>-3.25%</b>		<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	R1
Monthly Consumption (kWh)	400
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	430.4
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	400	0.103	41.20	400	0.103	41.20	0.00	0.00%	37.81%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>41.20</b>			<b>41.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>37.81%</b>	
TOU-Off Peak	260	0.087	22.62	260	0.087	22.62	0.00	0.00%		20.01%
TOU-Mid Peak	68	0.132	8.98	68	0.132	8.98	0.00	0.00%		7.94%
TOU-On Peak	72	0.180	12.96	72	0.180	12.96	0.00	0.00%		11.46%
<b>Sub-Total: Energy (TOU)</b>			<b>44.56</b>			<b>44.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>40.89%</b>	<b>39.41%</b>
Service Charge	1	30.11	30.11	1	33.77	33.77	3.66	12.16%	30.99%	29.87%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.78	0.78	1	0.82	0.82	0.04	5.13%	0.75%	0.73%
Distribution Volumetric Rate	400	0.0299	11.96	400	0.023	9.20	-2.76	-23.08%	8.44%	8.14%
Volumetric Deferral/Variance Account Rider	400	-0.0001	-0.04	400	-0.0002	-0.08	-0.04	100.00%	-0.07%	-0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>42.81</b>			<b>43.71</b>	<b>0.90</b>	<b>2.10%</b>	<b>40.11%</b>	<b>38.66%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.72%	0.70%
Line Losses on Cost of Power (based on two-tier RPP prices)	30	0.10	3.13	30	0.10	3.13	0.00	0.00%	2.87%	2.77%
Line Losses on Cost of Power (based on TOU prices)	30	0.11	3.39	30	0.11	3.39	0.00	0.00%	3.11%	3.00%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>46.73</b>			<b>47.63</b>	<b>0.90</b>	<b>1.93%</b>	<b>43.71%</b>	<b>42.13%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>46.99</b>			<b>47.89</b>	<b>0.90</b>	<b>1.92%</b>	<b>43.94%</b>	<b>42.36%</b>
Retail Transmission Rate – Network Service Rate	430	0.0068	2.93	430	0.0064	2.75	-0.17	-5.88%	2.53%	2.44%
Retail Transmission Rate – Line and Transformation Connection \$	430	0.0048	2.07	430	0.0047	2.02	-0.04	-2.08%	1.86%	1.79%
<b>Sub-Total: Retail Transmission</b>			<b>4.99</b>			<b>4.78</b>	<b>-0.22</b>	<b>-4.31%</b>	<b>4.38%</b>	<b>4.23%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>51.72</b>			<b>52.41</b>	<b>0.68</b>	<b>1.32%</b>	<b>48.09%</b>	<b>46.36%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>51.98</b>			<b>52.66</b>	<b>0.68</b>	<b>1.32%</b>	<b>48.32%</b>	<b>46.58%</b>
Wholesale Market Service Rate	430	0.0036	1.55	430	0.0036	1.55	0.00	0.00%	1.42%	1.37%
Rural Rate Protection Charge	430	0.0013	0.56	430	0.0013	0.56	0.00	0.00%	0.51%	0.49%
Ontario Electricity Support Program Charge	430	0.0011	0.47	430	0.0011	0.47	0.00	0.00%	0.43%	0.42%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.23%	0.22%
<b>Sub-Total: Regulatory</b>			<b>2.83</b>			<b>2.83</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.60%</b>	<b>2.51%</b>
Debt Retirement Charge (DRC)	400	0.000	0.00	400	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>95.76</b>			<b>96.44</b>	<b>0.68</b>	<b>0.72%</b>	<b>88.50%</b>	
<b>HST</b>		0.13	12.45		0.13	12.54	0.09	0.72%	11.50%	
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>108.20</b>			<b>108.98</b>	<b>0.77</b>	<b>0.72%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before HST)</b>			<b>99.37</b>			<b>100.05</b>	<b>0.68</b>	<b>0.69%</b>		<b>88.50%</b>
<b>HST</b>		0.13	12.92		0.13	13.01	0.09	0.69%		<b>11.50%</b>
<b>Total Bill on TOU (including HST)</b>			<b>112.29</b>			<b>113.06</b>	<b>0.77</b>	<b>0.69%</b>		<b>100.00%</b>



**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	R1
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	807
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	35.66%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	10.47%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.13%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		23.99%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		9.52%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		13.75%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.20%</b>	<b>47.26%</b>
Service Charge	1	30.11	30.11	1	33.77	33.77	3.66	12.16%	19.48%	19.11%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.78	0.78	1	0.82	0.82	0.04	5.13%	0.47%	0.46%
Distribution Volumetric Rate	750	0.0299	22.43	750	0.023	17.25	-5.18	-23.08%	9.95%	9.76%
Volumetric Deferral/Variance Account Rider	750	-0.0001	-0.08	750	-0.0002	-0.15	-0.08	100.00%	-0.09%	-0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>53.24</b>			<b>51.69</b>	<b>-1.55</b>	<b>-2.91%</b>	<b>29.82%</b>	<b>29.24%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.46%	0.45%
Line Losses on Cost of Power (based on two-tier RPP prices)	57	0.12	6.90	57	0.12	6.90	0.00	0.00%	3.98%	3.90%
Line Losses on Cost of Power (based on TOU prices)	57	0.11	6.35	57	0.11	6.35	0.00	0.00%	3.66%	3.59%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>60.93</b>			<b>59.38</b>	<b>-1.55</b>	<b>-2.54%</b>	<b>34.26%</b>	<b>33.59%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>60.38</b>			<b>58.83</b>	<b>-1.55</b>	<b>-2.57%</b>	<b>33.94%</b>	<b>33.28%</b>
Retail Transmission Rate – Network Service Rate	807	0.0068	5.49	807	0.0064	5.16	-0.32	-5.88%	2.98%	2.92%
Retail Transmission Rate – Line and Transformation Connection \$	807	0.0048	3.87	807	0.0047	3.79	-0.08	-2.08%	2.19%	2.15%
<b>Sub-Total: Retail Transmission</b>			<b>9.36</b>			<b>8.96</b>	<b>-0.40</b>	<b>-4.31%</b>	<b>5.17%</b>	<b>5.07%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>70.29</b>			<b>68.33</b>	<b>-1.95</b>	<b>-2.78%</b>	<b>39.43%</b>	<b>38.66%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>69.74</b>			<b>67.79</b>	<b>-1.95</b>	<b>-2.80%</b>	<b>39.11%</b>	<b>38.35%</b>
Wholesale Market Service Rate	807	0.0036	2.91	807	0.0036	2.91	0.00	0.00%	1.68%	1.64%
Rural Rate Protection Charge	807	0.0013	1.05	807	0.0013	1.05	0.00	0.00%	0.61%	0.59%
Ontario Electricity Support Program Charge	807	0.0011	0.89	807	0.0011	0.89	0.00	0.00%	0.51%	0.50%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.14%	0.14%
<b>Sub-Total: Regulatory</b>			<b>5.09</b>			<b>5.09</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.94%</b>	<b>2.88%</b>
Debt Retirement Charge (DRC)	750	0.000	0.00	750	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>155.33</b>			<b>153.38</b>	<b>-1.95</b>	<b>-1.26%</b>	<b>88.50%</b>	
<b>HST</b>		0.13	20.19		0.13	19.94	-0.25	-1.26%	11.50%	
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>175.52</b>			<b>173.32</b>	<b>-2.21</b>	<b>-1.26%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before HST)</b>			<b>158.37</b>			<b>156.42</b>	<b>-1.95</b>	<b>-1.23%</b>		<b>88.50%</b>
<b>HST</b>		0.13	20.59		0.13	20.33	-0.25	-1.23%	11.50%	
<b>Total Bill on TOU (including HST)</b>			<b>178.96</b>			<b>176.76</b>	<b>-2.21</b>	<b>-1.23%</b>		<b>100.00%</b>

**2017 Bill Impacts (High Consumption Level)**

<b>Rate Class</b>	<b>R1</b>
Monthly Consumption (kWh)	1800
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1936.8
Charge determinant	kWh

	<b>Volume</b>	<b>Current Rate (\$)</b>	<b>Current Charge (\$)</b>	<b>Volume</b>	<b>Proposed Rate (\$)</b>	<b>Proposed Charge (\$)</b>	<b>Change (\$)</b>	<b>Change (%)</b>	<b>% of Total Bill on RPP</b>	<b>% of Total Bill on TOU</b>
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	16.41%	
Energy Second Tier (kWh)	1,200	0.121	145.20	1,200	0.121	145.20	0.00	0.00%	38.55%	
<b>Sub-Total: Energy (RPP)</b>			<b>207.00</b>			<b>207.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.95%</b>	
TOU-Off Peak	1,170	0.087	101.79	1,170	0.087	101.79	0.00	0.00%		27.67%
TOU-Mid Peak	306	0.132	40.39	306	0.132	40.39	0.00	0.00%		10.98%
TOU-On Peak	324	0.180	58.32	324	0.180	58.32	0.00	0.00%		15.85%
<b>Sub-Total: Energy (TOU)</b>			<b>200.50</b>			<b>200.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.23%</b>	<b>54.51%</b>
Service Charge	1	30.11	30.11	1	33.77	33.77	3.66	12.16%	8.97%	9.18%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.78	0.78	1	0.82	0.82	0.04	5.13%	0.22%	0.22%
Distribution Volumetric Rate	1,800	0.0299	53.82	1,800	0.023	41.40	-12.42	-23.08%	10.99%	11.25%
Volumetric Deferral/Variance Account Rider	1,800	-0.0001	-0.18	1,800	-0.0002	-0.36	-0.18	100.00%	-0.10%	-0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>84.53</b>			<b>75.63</b>	<b>-8.90</b>	<b>-10.53%</b>	<b>20.08%</b>	<b>20.56%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.21%	0.21%
Line Losses on Cost of Power (based on two-tier RPP prices)	137	0.12	16.55	137	0.12	16.55	0.00	0.00%	4.39%	4.50%
Line Losses on Cost of Power (based on TOU prices)	137	0.11	15.24	137	0.11	15.24	0.00	0.00%	4.05%	4.14%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>101.87</b>			<b>92.97</b>	<b>-8.90</b>	<b>-8.74%</b>	<b>24.68%</b>	<b>25.27%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>100.56</b>			<b>91.66</b>	<b>-8.90</b>	<b>-8.85%</b>	<b>24.33%</b>	<b>24.92%</b>
Retail Transmission Rate – Network Service Rate	1,937	0.0068	13.17	1,937	0.0064	12.40	-0.77	-5.88%	3.29%	3.37%
Retail Transmission Rate – Line and Transformation Connection \$	1,937	0.0048	9.30	1,937	0.0047	9.10	-0.19	-2.08%	2.42%	2.47%
<b>Sub-Total: Retail Transmission</b>			<b>22.47</b>			<b>21.50</b>	<b>-0.97</b>	<b>-4.31%</b>	<b>5.71%</b>	<b>5.84%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>124.34</b>			<b>114.47</b>	<b>-9.87</b>	<b>-7.94%</b>	<b>30.39%</b>	<b>31.12%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>123.03</b>			<b>113.16</b>	<b>-9.87</b>	<b>-8.02%</b>	<b>30.04%</b>	<b>30.76%</b>
Wholesale Market Service Rate	1,937	0.0036	6.97	1,937	0.0036	6.97	0.00	0.00%	1.85%	1.90%
Rural Rate Protection Charge	1,937	0.0013	2.52	1,937	0.0013	2.52	0.00	0.00%	0.67%	0.68%
Ontario Electricity Support Program Charge	1,937	0.0011	2.13	1,937	0.0011	2.13	0.00	0.00%	0.57%	0.58%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.07%	0.07%
<b>Sub-Total: Regulatory</b>			<b>11.87</b>			<b>11.87</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.15%</b>	<b>3.23%</b>
Debt Retirement Charge (DRC)	1,800	0.000	0.00	1,800	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>343.21</b>			<b>333.34</b>	<b>-9.87</b>	<b>-2.88%</b>	<b>88.50%</b>	
<b>HST</b>		0.13	44.62		0.13	43.33	-1.28	-2.88%	11.50%	
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>387.83</b>			<b>376.68</b>	<b>-11.15</b>	<b>-2.88%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before HST)</b>			<b>335.40</b>			<b>325.53</b>	<b>-9.87</b>	<b>-2.94%</b>		<b>88.50%</b>
<b>HST</b>		0.13	43.60		0.13	42.32	-1.28	-2.94%		11.50%
<b>Total Bill on TOU (including HST)</b>			<b>379.00</b>			<b>367.85</b>	<b>-11.15</b>	<b>-2.94%</b>		<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	R2
Monthly Consumption (kWh)	450
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	497.25
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	450	0.103	46.35	450	0.103	46.35	0.00	0.00%	41.63%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>46.35</b>			<b>46.35</b>	<b>0.00</b>	<b>0.00%</b>	<b>41.63%</b>	
TOU-Off Peak	293	0.087	25.45	293	0.087	25.45	0.00	0.00%		21.93%
TOU-Mid Peak	77	0.132	10.10	77	0.132	10.10	0.00	0.00%		8.70%
TOU-On Peak	81	0.180	14.58	81	0.180	14.58	0.00	0.00%		12.56%
<b>Sub-Total: Energy (TOU)</b>			<b>50.13</b>			<b>50.13</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.02%</b>	<b>43.19%</b>
Service Charge	1	41.36	41.36	1	19.83	19.83	-21.53	-52.06%	17.81%	17.09%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.27	1.27	1	1.36	1.36	0.09	7.09%	1.22%	1.17%
Distribution Volumetric Rate	450	0.0426	19.17	450	0.0374	16.83	-2.34	-12.21%	15.12%	14.50%
Volumetric Deferral/Variance Account Rider	450	0.0001	0.05	450	0	0.00	-0.05	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>61.85</b>			<b>38.02</b>	<b>-23.83</b>	<b>-38.52%</b>	<b>34.15%</b>	<b>32.76%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.71%	0.68%
Line Losses on Cost of Power (based on two-tier RPP prices)	47	0.10	4.87	47	0.10	4.87	0.00	0.00%	4.37%	4.19%
Line Losses on Cost of Power (based on TOU prices)	47	0.11	5.26	47	0.11	5.26	0.00	0.00%	4.73%	4.54%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>67.50</b>			<b>43.68</b>	<b>-23.83</b>	<b>-35.30%</b>	<b>39.23%</b>	<b>37.63%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>67.90</b>			<b>44.07</b>	<b>-23.83</b>	<b>-35.09%</b>	<b>39.58%</b>	<b>37.98%</b>
Retail Transmission Rate – Network Service Rate	497	0.0065	3.23	497	0.0062	3.08	-0.15	-4.62%	2.77%	2.66%
Retail Transmission Rate – Line and Transformation Connection \$	497	0.0046	2.29	497	0.0044	2.19	-0.10	-4.35%	1.97%	1.89%
<b>Sub-Total: Retail Transmission</b>			<b>5.52</b>			<b>5.27</b>	<b>-0.25</b>	<b>-4.50%</b>	<b>4.73%</b>	<b>4.54%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>73.02</b>			<b>48.95</b>	<b>-24.07</b>	<b>-32.97%</b>	<b>43.96%</b>	<b>42.18%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>73.42</b>			<b>49.34</b>	<b>-24.07</b>	<b>-32.79%</b>	<b>44.32%</b>	<b>42.52%</b>
Wholesale Market Service Rate	497	0.0036	1.79	497	0.0036	1.79	0.00	0.00%	1.61%	1.54%
Rural Rate Protection Charge	497	0.0013	0.65	497	0.0013	0.65	0.00	0.00%	0.58%	0.56%
Ontario Electricity Support Program Charge	497	0.0011	0.55	497	0.0011	0.55	0.00	0.00%	0.49%	0.47%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.22%	0.22%
<b>Sub-Total: Regulatory</b>			<b>3.23</b>			<b>3.23</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.90%</b>	<b>2.79%</b>
Debt Retirement Charge (DRC)	450	0.000	0.00	450	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>122.60</b>			<b>98.53</b>	<b>-24.07</b>	<b>-19.64%</b>	<b>88.50%</b>	
<b>HST</b>		0.13	15.94		0.13	12.81	-3.13	-19.64%	11.50%	
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>138.54</b>			<b>111.34</b>	<b>-27.20</b>	<b>-19.64%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before HST)</b>			<b>126.78</b>			<b>102.70</b>	<b>-24.07</b>	<b>-18.99%</b>		<b>88.50%</b>
<b>HST</b>		0.13	16.48		0.13	13.35	-3.13	-18.99%		11.50%
<b>Total Bill on TOU (including HST)</b>			<b>143.26</b>			<b>116.05</b>	<b>-27.20</b>	<b>-18.99%</b>		<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	R2
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	828.75
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	35.63%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	10.46%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.09%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		24.01%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		9.53%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		13.75%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.16%</b>	<b>47.29%</b>
Service Charge	1	41.36	41.36	1	19.83	19.83	-21.53	-52.06%	11.43%	11.22%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.27	1.27	1	1.36	1.36	0.09	7.09%	0.78%	0.77%
Distribution Volumetric Rate	750	0.0426	31.95	750	0.0374	28.05	-3.90	-12.21%	16.17%	15.88%
Volumetric Deferral/Variance Account Rider	750	0.0001	0.08	750	0	0.00	-0.08	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>74.66</b>			<b>49.24</b>	<b>-25.42</b>	<b>-34.04%</b>	<b>28.38%</b>	<b>27.87%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.46%	0.45%
Line Losses on Cost of Power (based on two-tier RPP prices)	79	0.12	9.53	79	0.12	9.53	0.00	0.00%	5.49%	5.39%
Line Losses on Cost of Power (based on TOU prices)	79	0.11	8.77	79	0.11	8.77	0.00	0.00%	5.06%	4.96%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>84.97</b>			<b>59.56</b>	<b>-25.42</b>	<b>-29.91%</b>	<b>34.33%</b>	<b>33.71%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>84.22</b>			<b>58.80</b>	<b>-25.42</b>	<b>-30.18%</b>	<b>33.90%</b>	<b>33.28%</b>
Retail Transmission Rate – Network Service Rate	829	0.0065	5.39	829	0.0062	5.14	-0.25	-4.62%	2.96%	2.91%
Retail Transmission Rate – Line and Transformation Connection \$	829	0.0046	3.81	829	0.0044	3.65	-0.17	-4.35%	2.10%	2.06%
<b>Sub-Total: Retail Transmission</b>			<b>9.20</b>			<b>8.78</b>	<b>-0.41</b>	<b>-4.50%</b>	<b>5.06%</b>	<b>4.97%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>94.17</b>			<b>68.34</b>	<b>-25.83</b>	<b>-27.43%</b>	<b>39.40%</b>	<b>38.68%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>93.42</b>			<b>67.59</b>	<b>-25.83</b>	<b>-27.65%</b>	<b>38.96%</b>	<b>38.25%</b>
Wholesale Market Service Rate	829	0.0036	2.98	829	0.0036	2.98	0.00	0.00%	1.72%	1.69%
Rural Rate Protection Charge	829	0.0013	1.08	829	0.0013	1.08	0.00	0.00%	0.62%	0.61%
Ontario Electricity Support Program Charge	829	0.0011	0.91	829	0.0011	0.91	0.00	0.00%	0.53%	0.52%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.14%	0.14%
<b>Sub-Total: Regulatory</b>			<b>5.22</b>			<b>5.22</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.01%</b>	<b>2.96%</b>
Debt Retirement Charge (DRC)	750	0.000	0.00	750	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>179.35</b>			<b>153.52</b>	<b>-25.83</b>	<b>-14.40%</b>	<b>88.50%</b>	
<b>HST</b>		0.13	23.31		0.13	19.96	-3.36	-14.40%	11.50%	
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>202.66</b>			<b>173.47</b>	<b>-29.19</b>	<b>-14.40%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before HST)</b>			<b>182.18</b>			<b>156.35</b>	<b>-25.83</b>	<b>-14.18%</b>		<b>88.50%</b>
<b>HST</b>		0.13	23.68		0.13	20.33	-3.36	-14.18%		11.50%
<b>Total Bill on TOU (including HST)</b>			<b>205.86</b>			<b>176.68</b>	<b>-29.19</b>	<b>-14.18%</b>		<b>100.00%</b>

**2017 Bill Impacts (High Consumption Level)**

Rate Class	R2
Monthly Consumption (kWh)	2300
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	2541.5
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	12.23%	
Energy Second Tier (kWh)	1,700	0.121	205.70	1,700	0.121	205.70	0.00	0.00%	40.71%	
<b>Sub-Total: Energy (RPP)</b>			<b>267.50</b>			<b>267.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>52.94%</b>	
TOU-Off Peak	1,495	0.087	130.07	1,495	0.087	130.07	0.00	0.00%		26.55%
TOU-Mid Peak	391	0.132	51.61	391	0.132	51.61	0.00	0.00%		10.54%
TOU-On Peak	414	0.180	74.52	414	0.180	74.52	0.00	0.00%		15.21%
<b>Sub-Total: Energy (TOU)</b>			<b>256.20</b>			<b>256.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.70%</b>	<b>52.30%</b>
Service Charge	1	41.36	41.36	1	19.83	19.83	-21.53	-52.06%	3.92%	4.05%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.27	1.27	1	1.36	1.36	0.09	7.09%	0.27%	0.28%
Distribution Volumetric Rate	2,300	0.0426	97.98	2,300	0.0374	86.02	-11.96	-12.21%	17.02%	17.56%
Volumetric Deferral/Variance Account Rider	2,300	0.0001	0.23	2,300	0	0.00	-0.23	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>140.84</b>			<b>107.21</b>	<b>-33.63</b>	<b>-23.88%</b>	<b>21.22%</b>	<b>21.88%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.16%	0.16%
Line Losses on Cost of Power (based on two-tier RPP prices)	242	0.12	29.22	242	0.12	29.22	0.00	0.00%	5.78%	5.96%
Line Losses on Cost of Power (based on TOU prices)	242	0.11	26.90	242	0.11	26.90	0.00	0.00%	5.32%	5.49%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>170.85</b>			<b>137.22</b>	<b>-33.63</b>	<b>-19.68%</b>	<b>27.16%</b>	<b>28.01%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>168.53</b>			<b>134.90</b>	<b>-33.63</b>	<b>-19.95%</b>	<b>26.70%</b>	<b>27.54%</b>
Retail Transmission Rate – Network Service Rate	2,542	0.0065	16.52	2,542	0.0062	15.76	-0.76	-4.62%	3.12%	3.22%
Retail Transmission Rate – Line and Transformation Connection \$	2,542	0.0046	11.69	2,542	0.0044	11.18	-0.51	-4.35%	2.21%	2.28%
<b>Sub-Total: Retail Transmission</b>			<b>28.21</b>			<b>26.94</b>	<b>-1.27</b>	<b>-4.50%</b>	<b>5.33%</b>	<b>5.50%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>199.06</b>			<b>164.16</b>	<b>-34.90</b>	<b>-17.53%</b>	<b>32.49%</b>	<b>33.51%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>196.74</b>			<b>161.84</b>	<b>-34.90</b>	<b>-17.74%</b>	<b>32.03%</b>	<b>33.04%</b>
Wholesale Market Service Rate	2,542	0.0036	9.15	2,542	0.0036	9.15	0.00	0.00%	1.81%	1.87%
Rural Rate Protection Charge	2,542	0.0013	3.30	2,542	0.0013	3.30	0.00	0.00%	0.65%	0.67%
Ontario Electricity Support Program Charge	2,542	0.0011	2.80	2,542	0.0011	2.80	0.00	0.00%	0.55%	0.57%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>15.50</b>			<b>15.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.07%</b>	<b>3.16%</b>
Debt Retirement Charge (DRC)	2,300	0.000	0.00	2,300	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>482.06</b>			<b>447.16</b>	<b>-34.90</b>	<b>-7.24%</b>	<b>88.50%</b>	
HST		0.13	62.67		0.13	58.13	-4.54	-7.24%	11.50%	
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>544.73</b>			<b>505.29</b>	<b>-39.44</b>	<b>-7.24%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before HST)</b>			<b>468.44</b>			<b>433.54</b>	<b>-34.90</b>	<b>-7.45%</b>		<b>88.50%</b>
HST		0.13	60.90		0.13	56.36	-4.54	-7.45%		11.50%
<b>Total Bill on TOU (including HST)</b>			<b>529.33</b>			<b>489.90</b>	<b>-39.44</b>	<b>-7.45%</b>		<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	Seasonal
Monthly Consumption (kWh)	50
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	55.2
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	50	0.103	5.15	50	0.103	5.15	0.00	0.00%	9.52%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>5.15</b>			<b>5.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>9.52%</b>	
TOU-Off Peak	33	0.087	2.83	33	0.087	2.83	0.00	0.00%		5.18%
TOU-Mid Peak	9	0.132	1.12	9	0.132	1.12	0.00	0.00%		2.05%
TOU-On Peak	9	0.180	1.62	9	0.180	1.62	0.00	0.00%		2.97%
<b>Sub-Total: Energy (TOU)</b>			<b>5.57</b>			<b>5.57</b>	<b>0.00</b>	<b>0.00%</b>	<b>10.29%</b>	<b>10.20%</b>
Service Charge	1	32.47	32.47	1	36.28	36.28	3.81	11.73%	67.06%	66.41%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.8	0.80	1	0.84	0.84	0.04	5.00%	1.55%	1.54%
Distribution Volumetric Rate	50	0.0748	3.74	50	0.0635	3.18	-0.57	-15.11%	5.87%	5.81%
Volumetric Deferral/Variance Account Rider	50	0.0005	0.03	50	0.0003	0.02	-0.01	-40.00%	0.03%	0.03%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>37.04</b>			<b>40.31</b>	<b>3.28</b>	<b>8.84%</b>	<b>74.50%</b>	<b>73.79%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.46%	1.45%
Line Losses on Cost of Power (based on two-tier RPP prices)	5	0.10	0.54	5	0.10	0.54	0.00	0.00%	0.99%	0.98%
Line Losses on Cost of Power (based on TOU prices)	5	0.11	0.58	5	0.11	0.58	0.00	0.00%	1.07%	1.06%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>38.36</b>			<b>41.64</b>	<b>3.28</b>	<b>8.54%</b>	<b>76.95%</b>	<b>76.22%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>38.40</b>			<b>41.68</b>	<b>3.28</b>	<b>8.53%</b>	<b>77.03%</b>	<b>76.30%</b>
Retail Transmission Rate – Network Service Rate	55	0.0056	0.31	55	0.0051	0.28	-0.03	-8.93%	0.52%	0.52%
Retail Transmission Rate – Line and Transformation Connection \$	55	0.0042	0.23	55	0.0042	0.23	0.00	0.00%	0.43%	0.42%
<b>Sub-Total: Retail Transmission</b>			<b>0.54</b>			<b>0.51</b>	<b>-0.03</b>	<b>-5.10%</b>	<b>0.95%</b>	<b>0.94%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>38.90</b>			<b>42.15</b>	<b>3.25</b>	<b>8.35%</b>	<b>77.90%</b>	<b>77.16%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>38.95</b>			<b>42.19</b>	<b>3.25</b>	<b>8.34%</b>	<b>77.98%</b>	<b>77.24%</b>
Wholesale Market Service Rate	55	0.0036	0.20	55	0.0036	0.20	0.00	0.00%	0.37%	0.36%
Rural Rate Protection Charge	55	0.0013	0.07	55	0.0013	0.07	0.00	0.00%	0.13%	0.13%
Ontario Electricity Support Program Charge	55	0.0011	0.06	55	0.0011	0.06	0.00	0.00%	0.11%	0.11%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.46%	0.46%
<b>Sub-Total: Regulatory</b>			<b>0.58</b>			<b>0.58</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.07%</b>	<b>1.06%</b>
Debt Retirement Charge (DRC)	50	0.000	0.00	50	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>44.63</b>			<b>47.88</b>	<b>3.25</b>	<b>7.28%</b>	<b>88.50%</b>	
HST		0.13	5.80		0.13	6.22	0.42	7.28%	11.50%	
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>50.44</b>			<b>54.10</b>	<b>3.67</b>	<b>7.28%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before HST)</b>			<b>45.10</b>			<b>48.34</b>	<b>3.25</b>	<b>7.20%</b>		<b>88.50%</b>
HST		0.13	5.86		0.13	6.28	0.42	7.20%	11.50%	
<b>Total Bill on TOU (including HST)</b>			<b>50.96</b>			<b>54.63</b>	<b>3.67</b>	<b>7.20%</b>		<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	Seasonal
Monthly Consumption (kWh)	350
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	386.4
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	350	0.103	36.05	350	0.103	36.05	0.00	0.00%	30.04%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.05</b>			<b>36.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>30.04%</b>	
TOU-Off Peak	228	0.087	19.79	228	0.087	19.79	0.00	0.00%		16.00%
TOU-Mid Peak	60	0.132	7.85	60	0.132	7.85	0.00	0.00%		6.35%
TOU-On Peak	63	0.180	11.34	63	0.180	11.34	0.00	0.00%		9.17%
<b>Sub-Total: Energy (TOU)</b>			<b>38.99</b>			<b>38.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>32.49%</b>	<b>31.52%</b>
Service Charge	1	32.47	32.47	1	36.28	36.28	3.81	11.73%	30.23%	29.34%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.8	0.80	1	0.84	0.84	0.04	5.00%	0.70%	0.68%
Distribution Volumetric Rate	350	0.0748	26.18	350	0.0635	22.23	-3.96	-15.11%	18.52%	17.97%
Volumetric Deferral/Variance Account Rider	350	0.0005	0.18	350	0.0003	0.11	-0.07	-40.00%	0.09%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>59.63</b>			<b>59.45</b>	<b>-0.17</b>	<b>-0.29%</b>	<b>49.54%</b>	<b>48.07%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.66%	0.64%
Line Losses on Cost of Power (based on two-tier RPP prices)	36	0.10	3.75	36	0.10	3.75	0.00	0.00%	3.12%	3.03%
Line Losses on Cost of Power (based on TOU prices)	36	0.11	4.05	36	0.11	4.05	0.00	0.00%	3.38%	3.28%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>64.16</b>			<b>63.99</b>	<b>-0.18</b>	<b>-0.27%</b>	<b>53.32%</b>	<b>51.74%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>64.47</b>			<b>64.29</b>	<b>-0.17</b>	<b>-0.27%</b>	<b>53.58%</b>	<b>51.99%</b>
Retail Transmission Rate – Network Service Rate	386	0.0056	2.16	386	0.0051	1.97	-0.19	-8.93%	1.64%	1.59%
Retail Transmission Rate – Line and Transformation Connection \$	386	0.0042	1.62	386	0.0042	1.62	0.00	0.00%	1.35%	1.31%
<b>Sub-Total: Retail Transmission</b>			<b>3.79</b>			<b>3.59</b>	<b>-0.19</b>	<b>-5.10%</b>	<b>2.99%</b>	<b>2.91%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>67.95</b>			<b>67.58</b>	<b>-0.37</b>	<b>-0.54%</b>	<b>56.32%</b>	<b>54.65%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>68.26</b>			<b>67.89</b>	<b>-0.37</b>	<b>-0.54%</b>	<b>56.57%</b>	<b>54.89%</b>
Wholesale Market Service Rate	386	0.0036	1.39	386	0.0036	1.39	0.00	0.00%	1.16%	1.12%
Rural Rate Protection Charge	386	0.0013	0.50	386	0.0013	0.50	0.00	0.00%	0.42%	0.41%
Ontario Electricity Support Program Charge	386	0.0011	0.43	386	0.0011	0.43	0.00	0.00%	0.35%	0.34%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.21%	0.20%
<b>Sub-Total: Regulatory</b>			<b>2.57</b>			<b>2.57</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.14%</b>	<b>2.08%</b>
Debt Retirement Charge (DRC)	350	0.000	0.00	350	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>106.57</b>			<b>106.20</b>	<b>-0.37</b>	<b>-0.35%</b>	<b>88.50%</b>	
HST		0.13	13.85		0.13	13.81	-0.05	-0.35%	11.50%	
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>120.42</b>			<b>120.01</b>	<b>-0.42</b>	<b>-0.35%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before HST)</b>			<b>109.81</b>			<b>109.44</b>	<b>-0.37</b>	<b>-0.34%</b>		<b>88.50%</b>
HST		0.13	14.28		0.13	14.23	-0.05	-0.34%		11.50%
<b>Total Bill on TOU (including HST)</b>			<b>124.09</b>			<b>123.67</b>	<b>-0.42</b>	<b>-0.34%</b>		<b>100.00%</b>



**2017 Bill Impacts (High Consumption Level)**

Rate Class	Seasonal
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1104
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	22.63%	
Energy Second Tier (kWh)	400	0.121	48.40	400	0.121	48.40	0.00	0.00%	17.73%	
<b>Sub-Total: Energy (RPP)</b>			<b>110.20</b>			<b>110.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>40.36%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		20.69%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		8.21%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		11.86%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>40.80%</b>	<b>40.76%</b>
Service Charge	1	32.47	32.47	1	36.28	36.28	3.81	11.73%	13.29%	13.28%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.8	0.80	1	0.84	0.84	0.04	5.00%	0.31%	0.31%
Distribution Volumetric Rate	1,000	0.0748	74.80	1,000	0.0635	63.50	-11.30	-15.11%	23.26%	23.24%
Volumetric Deferral/Variance Account Rider	1,000	0.0005	0.50	1,000	0.0003	0.30	-0.20	-40.00%	0.11%	0.11%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>108.57</b>			<b>100.92</b>	<b>-7.65</b>	<b>-7.05%</b>	<b>36.96%</b>	<b>36.93%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.29%	0.29%
Line Losses on Cost of Power (based on two-tier RPP prices)	104	0.12	12.58	104	0.12	12.58	0.00	0.00%	4.61%	4.61%
Line Losses on Cost of Power (based on TOU prices)	104	0.11	11.58	104	0.11	11.58	0.00	0.00%	4.24%	4.24%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>121.94</b>			<b>114.29</b>	<b>-7.65</b>	<b>-6.27%</b>	<b>41.86%</b>	<b>41.83%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>120.94</b>			<b>113.29</b>	<b>-7.65</b>	<b>-6.33%</b>	<b>41.49%</b>	<b>41.46%</b>
Retail Transmission Rate – Network Service Rate	1,104	0.0056	6.18	1,104	0.0051	5.63	-0.55	-8.93%	2.06%	2.06%
Retail Transmission Rate – Line and Transformation Connection \$	1,104	0.0042	4.64	1,104	0.0042	4.64	0.00	0.00%	1.70%	1.70%
<b>Sub-Total: Retail Transmission</b>			<b>10.82</b>			<b>10.27</b>	<b>-0.55</b>	<b>-5.10%</b>	<b>3.76%</b>	<b>3.76%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>132.76</b>			<b>124.56</b>	<b>-8.20</b>	<b>-6.18%</b>	<b>45.62%</b>	<b>45.58%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>131.76</b>			<b>123.56</b>	<b>-8.20</b>	<b>-6.22%</b>	<b>45.25%</b>	<b>45.22%</b>
Wholesale Market Service Rate	1,104	0.0036	3.97	1,104	0.0036	3.97	0.00	0.00%	1.46%	1.45%
Rural Rate Protection Charge	1,104	0.0013	1.44	1,104	0.0013	1.44	0.00	0.00%	0.53%	0.53%
Ontario Electricity Support Program Charge	1,104	0.0011	1.21	1,104	0.0011	1.21	0.00	0.00%	0.44%	0.44%
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%
<b>Sub-Total: Regulatory</b>			<b>6.87</b>			<b>6.87</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.52%</b>	<b>2.52%</b>
Debt Retirement Charge (DRC)	1,000	0.000	0.00	1,000	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>249.84</b>			<b>241.64</b>	<b>-8.20</b>	<b>-3.28%</b>	<b>88.50%</b>	
HST		0.13	32.48		0.13	31.41	-1.07	-3.28%	11.50%	
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>282.32</b>			<b>273.05</b>	<b>-9.27</b>	<b>-3.28%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before HST)</b>			<b>250.03</b>			<b>241.83</b>	<b>-8.20</b>	<b>-3.28%</b>		<b>88.50%</b>
HST		0.13	32.50		0.13	31.44	-1.07	-3.28%	11.50%	
<b>Total Bill on TOU (including HST)</b>			<b>282.53</b>			<b>273.26</b>	<b>-9.27</b>	<b>-3.28%</b>		<b>100.00%</b>



**2017 Bill Impacts (Low Consumption Level)**

Rate Class	Uge
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	1067
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	35.75%	
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	14.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>49.75%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		25.73%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		10.21%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		14.74%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.55%</b>	<b>50.69%</b>
Service Charge	1	22.28	22.28	1	23.3	23.30	1.02	4.58%	10.78%	10.60%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.66	0.66	1	0.67	0.67	0.01	1.52%	0.31%	0.30%
Distribution Volumetric Rate	1,000	0.0252	25.20	1,000	0.0262	26.20	1.00	3.97%	12.13%	11.92%
Volumetric Deferral/Variance Account Rider	1,000	-0.0002	-0.20	1,000	-0.0001	-0.10	0.10	-50.00%	-0.05%	-0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>47.94</b>			<b>50.07</b>	<b>2.13</b>	<b>4.44%</b>	<b>23.17%</b>	<b>22.79%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.37%	0.36%
Line Losses on Cost of Power (based on two-tier RPP prices)	67	0.12	8.11	67	0.12	8.11	0.00	0.00%	3.75%	3.69%
Line Losses on Cost of Power (based on TOU prices)	67	0.11	7.46	67	0.11	7.46	0.00	0.00%	3.45%	3.40%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>56.84</b>			<b>58.97</b>	<b>2.13</b>	<b>3.75%</b>	<b>27.29%</b>	<b>26.83%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>56.19</b>			<b>58.32</b>	<b>2.13</b>	<b>3.79%</b>	<b>26.99%</b>	<b>26.54%</b>
Retail Transmission Rate – Network Service Rate	1,067	0.0061	6.51	1,067	0.0064	6.83	0.32	4.92%	3.16%	3.11%
Retail Transmission Rate – Line and Transformation Connection \$	1,067	0.0038	4.05	1,067	0.004	4.27	0.21	5.26%	1.98%	1.94%
<b>Sub-Total: Retail Transmission</b>			<b>10.56</b>			<b>11.10</b>	<b>0.53</b>	<b>5.05%</b>	<b>5.14%</b>	<b>5.05%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>67.40</b>			<b>70.06</b>	<b>2.66</b>	<b>3.95%</b>	<b>32.43%</b>	<b>31.88%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>66.76</b>			<b>69.42</b>	<b>2.66</b>	<b>3.99%</b>	<b>32.13%</b>	<b>31.59%</b>
Wholesale Market Service Rate	1,067	0.0036	3.84	1,067	0.0036	3.84	0.00	0.00%	1.78%	1.75%
Rural Rate Protection Charge	1,067	0.0013	1.39	1,067	0.0013	1.39	0.00	0.00%	0.64%	0.63%
Ontario Electricity Support Program Charge	1,067	0.0011	1.17	1,067	0.0011	1.17	0.00	0.00%	0.54%	0.53%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.12%	0.11%
<b>Sub-Total: Regulatory</b>			<b>6.65</b>			<b>6.65</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.08%</b>	<b>3.03%</b>
Debt Retirement Charge (DRC)	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	3.24%	3.19%
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>188.55</b>			<b>191.22</b>	<b>2.66</b>	<b>1.41%</b>	<b>88.50%</b>	
<b>HST</b>		0.13	24.51		0.13	24.86	0.35	1.41%	11.50%	
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>213.06</b>			<b>216.07</b>	<b>3.01</b>	<b>1.41%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before HST)</b>			<b>191.80</b>			<b>194.46</b>	<b>2.66</b>	<b>1.39%</b>		<b>88.50%</b>
<b>HST</b>		0.13	24.93		0.13	25.28	0.35	1.39%		<b>11.50%</b>
<b>Total Bill on TOU (including HST)</b>			<b>216.73</b>			<b>219.74</b>	<b>3.01</b>	<b>1.39%</b>		<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	Uge
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2134
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	18.43%	
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	36.09%	
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.52%</b>	
TOU-Off Peak	1,300	0.087	113.10	1,300	0.087	113.10	0.00	0.00%		27.50%
TOU-Mid Peak	340	0.132	44.88	340	0.132	44.88	0.00	0.00%		10.91%
TOU-On Peak	360	0.180	64.80	360	0.180	64.80	0.00	0.00%		15.76%
<b>Sub-Total: Energy (TOU)</b>			<b>222.78</b>			<b>222.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.15%</b>	<b>54.18%</b>
Service Charge	1	22.28	22.28	1	23.3	23.30	1.02	4.58%	5.56%	5.67%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.66	0.66	1	0.67	0.67	0.01	1.52%	0.16%	0.16%
Distribution Volumetric Rate	2,000	0.0252	50.40	2,000	0.0262	52.40	2.00	3.97%	12.50%	12.74%
Volumetric Deferral/Variance Account Rider	2,000	-0.0002	-0.40	2,000	-0.0001	-0.20	0.20	-50.00%	-0.05%	-0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>72.94</b>			<b>76.17</b>	<b>3.23</b>	<b>4.43%</b>	<b>18.17%</b>	<b>18.52%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.19%	0.19%
Line Losses on Cost of Power (based on two-tier RPP prices)	134	0.12	16.21	134	0.12	16.21	0.00	0.00%	3.87%	3.94%
Line Losses on Cost of Power (based on TOU prices)	134	0.11	14.93	134	0.11	14.93	0.00	0.00%	3.56%	3.63%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>89.94</b>			<b>93.17</b>	<b>3.23</b>	<b>3.59%</b>	<b>22.23%</b>	<b>22.66%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>88.66</b>			<b>91.89</b>	<b>3.23</b>	<b>3.64%</b>	<b>21.92%</b>	<b>22.34%</b>
Retail Transmission Rate – Network Service Rate	2,134	0.0061	13.02	2,134	0.0064	13.66	0.64	4.92%	3.26%	3.32%
Retail Transmission Rate – Line and Transformation Connection \$	2,134	0.0038	8.11	2,134	0.004	8.54	0.43	5.26%	2.04%	2.08%
<b>Sub-Total: Retail Transmission</b>			<b>21.13</b>			<b>22.19</b>	<b>1.07</b>	<b>5.05%</b>	<b>5.30%</b>	<b>5.40%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>111.07</b>			<b>115.37</b>	<b>4.30</b>	<b>3.87%</b>	<b>27.52%</b>	<b>28.05%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>109.78</b>			<b>114.08</b>	<b>4.30</b>	<b>3.91%</b>	<b>27.22%</b>	<b>27.74%</b>
Wholesale Market Service Rate	2,134	0.0036	7.68	2,134	0.0036	7.68	0.00	0.00%	1.83%	1.87%
Rural Rate Protection Charge	2,134	0.0013	2.77	2,134	0.0013	2.77	0.00	0.00%	0.66%	0.67%
Ontario Electricity Support Program Charge	2,134	0.0011	2.35	2,134	0.0011	2.35	0.00	0.00%	0.56%	0.57%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%	0.06%
<b>Sub-Total: Regulatory</b>			<b>13.05</b>			<b>13.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.11%</b>	<b>3.17%</b>
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	3.34%	3.40%
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>366.62</b>			<b>370.92</b>	<b>4.30</b>	<b>1.17%</b>	<b>88.50%</b>	
HST		0.13	47.66		0.13	48.22	0.56	1.17%	11.50%	
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>414.29</b>			<b>419.14</b>	<b>4.86</b>	<b>1.17%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before HST)</b>			<b>359.62</b>			<b>363.91</b>	<b>4.30</b>	<b>1.19%</b>		<b>88.50%</b>
HST		0.13	46.75		0.13	47.31	0.56	1.19%		11.50%
<b>Total Bill on TOU (including HST)</b>			<b>406.37</b>			<b>411.22</b>	<b>4.86</b>	<b>1.19%</b>		<b>100.00%</b>

**2017 Bill Impacts (High Consumption Level)**

Rate Class	Uge
Monthly Consumption (kWh)	15000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	16005
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	2.53%	
Energy Second Tier (kWh)	14,250	0.121	1,724.25	14,250	0.121	1,724.25	0.00	0.00%	56.37%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,801.50</b>			<b>1,801.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.89%</b>	
TOU-Off Peak	9,750	0.087	848.25	9,750	0.087	848.25	0.00	0.00%		29.25%
TOU-Mid Peak	2,550	0.132	336.60	2,550	0.132	336.60	0.00	0.00%		11.61%
TOU-On Peak	2,700	0.180	486.00	2,700	0.180	486.00	0.00	0.00%		16.76%
<b>Sub-Total: Energy (TOU)</b>			<b>1,670.85</b>			<b>1,670.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.62%</b>	<b>57.61%</b>
Service Charge	1	22.28	22.28	1	23.3	23.30	1.02	4.58%	0.76%	0.80%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.66	0.66	1	0.67	0.67	0.01	1.52%	0.02%	0.02%
Distribution Volumetric Rate	15,000	0.0252	378.00	15,000	0.0262	393.00	15.00	3.97%	12.85%	13.55%
Volumetric Deferral/Variance Account Rider	15,000	-0.0002	-3.00	15,000	-0.0001	-1.50	1.50	-50.00%	-0.05%	-0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>397.94</b>			<b>415.47</b>	<b>17.53</b>	<b>4.41%</b>	<b>13.58%</b>	<b>14.32%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.03%	0.03%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,005	0.12	121.61	1,005	0.12	121.61	0.00	0.00%	3.98%	4.19%
Line Losses on Cost of Power (based on TOU prices)	1,005	0.11	111.95	1,005	0.11	111.95	0.00	0.00%	3.66%	3.86%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>520.34</b>			<b>537.87</b>	<b>17.53</b>	<b>3.37%</b>	<b>17.58%</b>	<b>18.54%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>510.68</b>			<b>528.21</b>	<b>17.53</b>	<b>3.43%</b>	<b>17.27%</b>	<b>18.21%</b>
Retail Transmission Rate – Network Service Rate	16,005	0.0061	97.63	16,005	0.0064	102.43	4.80	4.92%	3.35%	3.53%
Retail Transmission Rate – Line and Transformation Connection \$	16,005	0.0038	60.82	16,005	0.004	64.02	3.20	5.26%	2.09%	2.21%
<b>Sub-Total: Retail Transmission</b>			<b>158.45</b>			<b>166.45</b>	<b>8.00</b>	<b>5.05%</b>	<b>5.44%</b>	<b>5.74%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>678.78</b>			<b>704.32</b>	<b>25.53</b>	<b>3.76%</b>	<b>23.02%</b>	<b>24.28%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>669.13</b>			<b>694.66</b>	<b>25.53</b>	<b>3.82%</b>	<b>22.71%</b>	<b>23.95%</b>
Wholesale Market Service Rate	16,005	0.0036	57.62	16,005	0.0036	57.62	0.00	0.00%	1.88%	1.99%
Rural Rate Protection Charge	16,005	0.0013	20.81	16,005	0.0013	20.81	0.00	0.00%	0.68%	0.72%
Ontario Electricity Support Program Charge	16,005	0.0011	17.61	16,005	0.0011	17.61	0.00	0.00%	0.58%	0.61%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Regulatory</b>			<b>96.28</b>			<b>96.28</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.15%</b>	<b>3.32%</b>
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.43%	3.62%
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>2,681.56</b>			<b>2,707.10</b>	<b>25.53</b>	<b>0.95%</b>	<b>88.50%</b>	
HST		0.13	348.60		0.13	351.92	3.32	0.95%	11.50%	
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>3,030.17</b>			<b>3,059.02</b>	<b>28.85</b>	<b>0.95%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before HST)</b>			<b>2,541.26</b>			<b>2,566.79</b>	<b>25.53</b>	<b>1.00%</b>		<b>88.50%</b>
HST		0.13	330.36		0.13	333.68	3.32	1.00%		11.50%
<b>Total Bill on TOU (including HST)</b>			<b>2,871.62</b>			<b>2,900.47</b>	<b>28.85</b>	<b>1.00%</b>		<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	Gse
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	1096
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	29.83%	
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	11.68%	
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>41.51%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		21.56%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		8.55%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		12.35%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.02%</b>	<b>42.47%</b>
Service Charge	1	27.94	27.94	1	27.87	27.87	-0.07	-0.25%	10.76%	10.62%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.73	0.73	1	0.73	0.73	0.00	0.00%	0.28%	0.28%
Distribution Volumetric Rate	1,000	0.0563	56.30	1,000	0.056	56.00	-0.30	-0.53%	21.63%	21.35%
Volumetric Deferral/Variance Account Rider	1,000	0.0002	0.20	1,000	0.0002	0.20	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>85.17</b>			<b>84.80</b>	<b>-0.37</b>	<b>-0.43%</b>	<b>32.75%</b>	<b>32.33%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.31%	0.30%
Line Losses on Cost of Power (based on two-tier RPP prices)	96	0.12	11.62	96	0.12	11.62	0.00	0.00%	4.49%	4.43%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>97.58</b>			<b>97.21</b>	<b>-0.37</b>	<b>-0.38%</b>	<b>37.54%</b>	<b>37.06%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>96.65</b>			<b>96.28</b>	<b>-0.37</b>	<b>-0.38%</b>	<b>37.18%</b>	<b>36.71%</b>
Retail Transmission Rate – Network Service Rate	1,096	0.0057	6.25	1,096	0.0059	6.47	0.22	3.51%	2.50%	2.47%
Retail Transmission Rate – Line and Transformation Connection \$	1,096	0.0036	3.95	1,096	0.0038	4.16	0.22	5.56%	1.61%	1.59%
<b>Sub-Total: Retail Transmission</b>			<b>10.19</b>			<b>10.63</b>	<b>0.44</b>	<b>4.30%</b>	<b>4.11%</b>	<b>4.05%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>107.77</b>			<b>107.84</b>	<b>0.07</b>	<b>0.06%</b>	<b>41.64%</b>	<b>41.11%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>106.85</b>			<b>106.91</b>	<b>0.07</b>	<b>0.06%</b>	<b>41.29%</b>	<b>40.76%</b>
Wholesale Market Service Rate	1,096	0.0036	3.95	1,096	0.0036	3.95	0.00	0.00%	1.52%	1.50%
Rural Rate Protection Charge	1,096	0.0013	1.42	1,096	0.0013	1.42	0.00	0.00%	0.55%	0.54%
Ontario Electricity Support Program Charge	1,096	0.0011	1.21	1,096	0.0011	1.21	0.00	0.00%	0.47%	0.46%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Regulatory</b>			<b>6.83</b>			<b>6.83</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.64%</b>	<b>2.60%</b>
Debt Retirement Charge (DRC)	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	2.70%	2.67%
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>229.09</b>			<b>229.16</b>	<b>0.07</b>	<b>0.03%</b>	<b>88.50%</b>	
HST		0.13	29.78		0.13	29.79	0.01	0.03%	11.50%	
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>258.88</b>			<b>258.95</b>	<b>0.08</b>	<b>0.03%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before HST)</b>			<b>232.06</b>			<b>232.13</b>	<b>0.07</b>	<b>0.03%</b>		<b>88.50%</b>
HST		0.13	30.17		0.13	30.18	0.01	0.03%		11.50%
<b>Total Bill on TOU (including HST)</b>			<b>262.23</b>			<b>262.31</b>	<b>0.08</b>	<b>0.03%</b>		<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	Gse
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2192
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	15.46%	
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	30.27%	
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.73%</b>	
TOU-Off Peak	1,300	0.087	113.10	1,300	0.087	113.10	0.00	0.00%		23.03%
TOU-Mid Peak	340	0.132	44.88	340	0.132	44.88	0.00	0.00%		9.14%
TOU-On Peak	360	0.180	64.80	360	0.180	64.80	0.00	0.00%		13.19%
<b>Sub-Total: Energy (TOU)</b>			<b>222.78</b>			<b>222.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>44.59%</b>	<b>45.36%</b>
Service Charge	1	27.94	27.94	1	27.87	27.87	-0.07	-0.25%	5.58%	5.67%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.73	0.73	1	0.73	0.73	0.00	0.00%	0.15%	0.15%
Distribution Volumetric Rate	2,000	0.0563	112.60	2,000	0.056	112.00	-0.60	-0.53%	22.41%	22.80%
Volumetric Deferral/Variance Account Rider	2,000	0.0002	0.40	2,000	0.0002	0.40	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>141.67</b>			<b>141.00</b>	<b>-0.67</b>	<b>-0.47%</b>	<b>28.22%</b>	<b>28.71%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.16%	0.16%
Line Losses on Cost of Power (based on two-tier RPP prices)	192	0.12	23.23	192	0.12	23.23	0.00	0.00%	4.65%	4.73%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>165.69</b>			<b>165.02</b>	<b>-0.67</b>	<b>-0.40%</b>	<b>33.03%</b>	<b>33.60%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>163.85</b>			<b>163.18</b>	<b>-0.67</b>	<b>-0.41%</b>	<b>32.66%</b>	<b>33.23%</b>
Retail Transmission Rate – Network Service Rate	2,192	0.0057	12.49	2,192	0.0059	12.93	0.44	3.51%	2.59%	2.63%
Retail Transmission Rate – Line and Transformation Connection	2,192	0.0036	7.89	2,192	0.0038	8.33	0.44	5.56%	1.67%	1.70%
<b>Sub-Total: Retail Transmission</b>			<b>20.39</b>			<b>21.26</b>	<b>0.88</b>	<b>4.30%</b>	<b>4.26%</b>	<b>4.33%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>186.08</b>			<b>186.28</b>	<b>0.21</b>	<b>0.11%</b>	<b>37.28%</b>	<b>37.93%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>184.23</b>			<b>184.44</b>	<b>0.21</b>	<b>0.11%</b>	<b>36.91%</b>	<b>37.55%</b>
Wholesale Market Service Rate	2,192	0.0036	7.89	2,192	0.0036	7.89	0.00	0.00%	1.58%	1.61%
Rural Rate Protection Charge	2,192	0.0013	2.85	2,192	0.0013	2.85	0.00	0.00%	0.57%	0.58%
Ontario Electricity Support Program Charge	2,192	0.0011	2.41	2,192	0.0011	2.41	0.00	0.00%	0.48%	0.49%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>13.40</b>			<b>13.40</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.68%</b>	<b>2.73%</b>
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	2.80%	2.85%
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>441.98</b>			<b>442.19</b>	<b>0.21</b>	<b>0.05%</b>	<b>88.50%</b>	
HST		0.13	57.46		0.13	57.48	0.03	0.05%	11.50%	
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>499.44</b>			<b>499.67</b>	<b>0.23</b>	<b>0.05%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before HST)</b>			<b>434.41</b>			<b>434.62</b>	<b>0.21</b>	<b>0.05%</b>		<b>88.50%</b>
HST		0.13	56.47		0.13	56.50	0.03	0.05%		11.50%
<b>Total Bill on TOU (including HST)</b>			<b>490.89</b>			<b>491.12</b>	<b>0.23</b>	<b>0.05%</b>		<b>100.00%</b>

**2017 Bill Impacts (High Consumption Level)**

Rate Class	Gse
Monthly Consumption (kWh)	15000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	16440
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	2.13%	
Energy Second Tier (kWh)	14,250	0.121	1,724.25	14,250	0.121	1,724.25	0.00	0.00%	47.51%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,801.50</b>			<b>1,801.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>49.64%</b>	
TOU-Off Peak	9,750	0.087	848.25	9,750	0.087	848.25	0.00	0.00%		24.48%
TOU-Mid Peak	2,550	0.132	336.60	2,550	0.132	336.60	0.00	0.00%		9.71%
TOU-On Peak	2,700	0.180	486.00	2,700	0.180	486.00	0.00	0.00%		14.02%
<b>Sub-Total: Energy (TOU)</b>			<b>1,670.85</b>			<b>1,670.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.04%</b>	<b>48.21%</b>
Service Charge	1	27.94	27.94	1	27.87	27.87	-0.07	-0.25%	0.77%	0.80%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.73	0.73	1	0.73	0.73	0.00	0.00%	0.02%	0.02%
Distribution Volumetric Rate	15,000	0.0563	844.50	15,000	0.056	840.00	-4.50	-0.53%	23.15%	24.24%
Volumetric Deferral/Variance Account Rider	15,000	0.0002	3.00	15,000	0.0002	3.00	0.00	0.00%	0.08%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>876.17</b>			<b>871.60</b>	<b>-4.57</b>	<b>-0.52%</b>	<b>24.02%</b>	<b>25.15%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.02%	0.02%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,440	0.12	174.24	1,440	0.12	174.24	0.00	0.00%	4.80%	5.03%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>1,051.20</b>			<b>1,046.63</b>	<b>-4.57</b>	<b>-0.43%</b>	<b>28.84%</b>	<b>30.20%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>1,037.36</b>			<b>1,032.79</b>	<b>-4.57</b>	<b>-0.44%</b>	<b>28.46%</b>	<b>29.80%</b>
Retail Transmission Rate – Network Service Rate	16,440	0.0057	93.71	16,440	0.0059	97.00	3.29	3.51%	2.67%	2.80%
Retail Transmission Rate – Line and Transformation Connection	16,440	0.0036	59.18	16,440	0.0038	62.47	3.29	5.56%	1.72%	1.80%
<b>Sub-Total: Retail Transmission</b>			<b>152.89</b>			<b>159.47</b>	<b>6.58</b>	<b>4.30%</b>	<b>4.39%</b>	<b>4.60%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>1,204.09</b>			<b>1,206.10</b>	<b>2.01</b>	<b>0.17%</b>	<b>33.24%</b>	<b>34.80%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>1,190.25</b>			<b>1,192.26</b>	<b>2.01</b>	<b>0.17%</b>	<b>32.85%</b>	<b>34.40%</b>
Wholesale Market Service Rate	16,440	0.0036	59.18	16,440	0.0036	59.18	0.00	0.00%	1.63%	1.71%
Rural Rate Protection Charge	16,440	0.0013	21.37	16,440	0.0013	21.37	0.00	0.00%	0.59%	0.62%
Ontario Electricity Support Program Charge	16,440	0.0011	18.08	16,440	0.0011	18.08	0.00	0.00%	0.50%	0.52%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Regulatory</b>			<b>98.89</b>			<b>98.89</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.73%</b>	<b>2.85%</b>
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	2.89%	3.03%
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>3,209.48</b>			<b>3,211.49</b>	<b>2.01</b>	<b>0.06%</b>	<b>88.50%</b>	
HST		0.13	417.23		0.13	417.49	0.26	0.06%	11.50%	
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>3,626.71</b>			<b>3,628.98</b>	<b>2.27</b>	<b>0.06%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before HST)</b>			<b>3,064.99</b>			<b>3,067.00</b>	<b>2.01</b>	<b>0.07%</b>		<b>88.50%</b>
HST		0.13	398.45		0.13	398.71	0.26	0.07%		11.50%
<b>Total Bill on TOU (including HST)</b>			<b>3,463.44</b>			<b>3,465.71</b>	<b>2.27</b>	<b>0.07%</b>		<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	UGd
Monthly Consumption (kWh)	15,000
Peak (kW)	60
Loss factor	1.050
Load factor	34%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	15,750
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
<b>Sub-Total: Energy (RPP)</b>			<b>1,622.25</b>			<b>1,622.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.79%</b>
Service Charge	1	88.26	88.26	1	93.97	93.97	5.71	6.47%	3.12%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.36	1.36	1	1.42	1.42	0.06	4.41%	0.05%
Distribution Volumetric Rate	60	8.5146	510.88	60	9.0851	545.11	34.23	6.70%	18.07%
Volumetric Deferral/Variance Account Rider	60	-0.0691	-4.15	60	-0.0623	-3.74	0.41	-9.84%	-0.12%
<b>Sub-Total: Distribution</b>			<b>596.35</b>			<b>636.76</b>	<b>40.41</b>	<b>6.78%</b>	<b>21.11%</b>
Retail Transmission Rate – Network Service Rate	60	2.045	122.70	60	2.1129	126.77	4.07	3.32%	4.20%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.3278	79.67	60	1.3901	83.41	3.74	4.69%	2.77%
<b>Sub-Total: Retail Transmission</b>			<b>202.37</b>			<b>210.18</b>	<b>7.81</b>	<b>3.86%</b>	<b>6.97%</b>
<b>Sub-Total: Delivery</b>			<b>798.72</b>			<b>846.94</b>	<b>48.22</b>	<b>6.04%</b>	<b>28.08%</b>
Wholesale Market Service Rate	15,750	0.0036	56.70	15,750	0.0036	56.70	0.00	0.00%	1.88%
Rural Rate Protection Charge	15,750	0.0013	20.48	15,750	0.0013	20.48	0.00	0.00%	0.68%
Ontario Electricity Support Program Charge	15,750	0.0011	17.33	15,750	0.0011	17.33	0.00	0.00%	0.57%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>94.75</b>			<b>94.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.14%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.48%</b>
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>2,620.72</b>			<b>2,668.94</b>	<b>48.22</b>	<b>1.84%</b>	<b>88.50%</b>
HST		0.13	340.69		0.13	346.96	6.27	1.84%	11.50%
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>2,961.41</b>			<b>3,015.90</b>	<b>54.49</b>	<b>1.84%</b>	<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	UGd
Monthly Consumption (kWh)	35,000
Peak (kW)	120
Loss factor	1.050
Load factor	40%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	36,750
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
<b>Sub-Total: Energy (RPP)</b>			<b>3,785.25</b>			<b>3,785.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.27%</b>
Service Charge	1	88.26	88.26	1	93.97	93.97	5.71	6.47%	1.42%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.36	1.36	1	1.42	1.42	0.06	4.41%	0.02%
Distribution Volumetric Rate	120	8.5146	1,021.75	120	9.0851	1,090.21	68.46	6.70%	16.49%
Volumetric Deferral/Variance Account Rider	120	-0.0691	-8.29	120	-0.0623	-7.48	0.82	-9.84%	-0.11%
<b>Sub-Total: Distribution</b>			<b>1,103.08</b>			<b>1,178.13</b>	<b>75.05</b>	<b>6.80%</b>	<b>17.82%</b>
Retail Transmission Rate – Network Service Rate	120	2.045	245.40	120	2.1129	253.55	8.15	3.32%	3.84%
Retail Transmission Rate – Line and Transformation Connection Service Rate	120	1.3278	159.34	120	1.3901	166.81	7.48	4.69%	2.52%
<b>Sub-Total: Retail Transmission</b>			<b>404.74</b>			<b>420.36</b>	<b>15.62</b>	<b>3.86%</b>	<b>6.36%</b>
<b>Sub-Total: Delivery</b>			<b>1,507.82</b>			<b>1,598.49</b>	<b>90.67</b>	<b>6.01%</b>	<b>24.18%</b>
Wholesale Market Service Rate	36,750	0.0036	132.30	36,750	0.0036	132.30	0.00	0.00%	2.00%
Rural Rate Protection Charge	36,750	0.0013	47.78	36,750	0.0013	47.78	0.00	0.00%	0.72%
Ontario Electricity Support Program Charge	36,750	0.0011	40.43	36,750	0.0011	40.43	0.00	0.00%	0.61%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>220.75</b>			<b>220.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.34%</b>
<b>Debt Retirement Charge (DRC)</b>	35,000	0.007	<b>245.00</b>	35,000	0.007	<b>245.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.71%</b>
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>5,758.82</b>			<b>5,849.49</b>	<b>90.67</b>	<b>1.57%</b>	<b>88.50%</b>
HST		0.13	748.65		0.13	760.43	11.79	1.57%	11.50%
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>6,507.46</b>			<b>6,609.92</b>	<b>102.46</b>	<b>1.57%</b>	<b>100.00%</b>



**2017 Bill Impacts (High Consumption Level)**

Rate Class	UGd
Monthly Consumption (kWh)	175,000
Peak (kW)	500
Loss factor	1.050
Load factor	48%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	183,750
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
<b>Sub-Total: Energy (RPP)</b>			<b>18,926.25</b>			<b>18,926.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>60.66%</b>
Service Charge	1	88.26	88.26	1	93.97	93.97	5.71	6.47%	0.30%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.36	1.36	1	1.42	1.42	0.06	4.41%	0.00%
Distribution Volumetric Rate	500	8.5146	4,257.30	500	9.0851	4,542.55	285.25	6.70%	14.56%
Volumetric Deferral/Variance Account Rider	500	-0.0691	-34.55	500	-0.0623	-31.15	3.40	-9.84%	-0.10%
<b>Sub-Total: Distribution</b>			<b>4,312.37</b>			<b>4,606.79</b>	<b>294.42</b>	<b>6.83%</b>	<b>14.76%</b>
Retail Transmission Rate – Network Service Rate	500	2.045	1,022.50	500	2.1129	1,056.45	33.95	3.32%	3.39%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.3278	663.90	500	1.3901	695.05	31.15	4.69%	2.23%
<b>Sub-Total: Retail Transmission</b>			<b>1,686.40</b>			<b>1,751.50</b>	<b>65.10</b>	<b>3.86%</b>	<b>5.61%</b>
<b>Sub-Total: Delivery</b>			<b>5,998.77</b>			<b>6,358.29</b>	<b>359.52</b>	<b>5.99%</b>	<b>20.38%</b>
Wholesale Market Service Rate	183,750	0.0036	661.50	183,750	0.0036	661.50	0.00	0.00%	2.12%
Rural Rate Protection Charge	183,750	0.0013	238.88	183,750	0.0013	238.88	0.00	0.00%	0.77%
Ontario Electricity Support Program Charge	183,750	0.0011	202.13	183,750	0.0011	202.13	0.00	0.00%	0.65%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,102.75</b>			<b>1,102.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.53%</b>
<b>Debt Retirement Charge (DRC)</b>	175,000	0.007	<b>1,225.00</b>	175,000	0.007	<b>1,225.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.93%</b>
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>27,252.77</b>			<b>27,612.29</b>	<b>359.52</b>	<b>1.32%</b>	<b>88.50%</b>
HST		0.13	3,542.86		0.13	3,589.60	46.74	1.32%	11.50%
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>30,795.63</b>			<b>31,201.89</b>	<b>406.26</b>	<b>1.32%</b>	<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	GSd
Monthly Consumption (kWh)	15,000
Peak (kW)	60
Loss factor	1.061
Load factor	34%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	15,915
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
<b>Sub-Total: Energy (RPP)</b>			<b>1,639.25</b>			<b>1,639.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.43%</b>
Service Charge	1	84.35	84.35	1	89.48	89.48	5.13	6.08%	2.59%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.32	1.32	1	1.37	1.37	0.05	3.79%	0.04%
Distribution Volumetric Rate	60	14.8802	892.81	60	15.9121	954.73	61.91	6.93%	27.62%
Volumetric Deferral/Variance Account Rider	60	0.0309	1.85	60	0.043	2.57	0.71	38.51%	0.07%
<b>Sub-Total: Distribution</b>			<b>980.34</b>			<b>1,048.14</b>	<b>67.81</b>	<b>6.92%</b>	<b>30.33%</b>
Retail Transmission Rate – Network Service Rate	60	1.6583	99.50	60	1.7027	102.16	2.66	2.68%	2.96%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.0912	65.47	60	1.1398	68.39	2.92	4.45%	1.98%
<b>Sub-Total: Retail Transmission</b>			<b>164.97</b>			<b>170.55</b>	<b>5.58</b>	<b>3.38%</b>	<b>4.93%</b>
<b>Sub-Total: Delivery</b>			<b>1,145.31</b>			<b>1,218.69</b>	<b>73.39</b>	<b>6.41%</b>	<b>35.26%</b>
Wholesale Market Service Rate	15,915	0.0036	57.29	15,915	0.0036	57.29	0.00	0.00%	1.66%
Rural Rate Protection Charge	15,915	0.0013	20.69	15,915	0.0013	20.69	0.00	0.00%	0.60%
Ontario Electricity Support Program Charge	15,915	0.0011	17.51	15,915	0.0011	17.51	0.00	0.00%	0.51%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>95.74</b>			<b>95.74</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.77%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.04%</b>
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>2,985.29</b>			<b>3,058.68</b>	<b>73.39</b>	<b>2.46%</b>	<b>88.50%</b>
HST		0.13	388.09		0.13	397.63	9.54	2.46%	11.50%
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>3,373.38</b>			<b>3,456.31</b>	<b>82.93</b>	<b>2.46%</b>	<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	GSd
Monthly Consumption (kWh)	35,000
Peak (kW)	120
Loss factor	1.061
Load factor	40%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	37,135
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
<b>Sub-Total: Energy (RPP)</b>			<b>3,824.91</b>			<b>3,824.91</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.98%</b>
Service Charge	1	84.35	84.35	1	89.48	89.48	5.13	6.08%	1.19%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.32	1.32	1	1.37	1.37	0.05	3.79%	0.02%
Distribution Volumetric Rate	120	14.8802	1,785.62	120	15.9121	1,909.45	123.83	6.93%	25.45%
Volumetric Deferral/Variance Account Rider	120	0.0309	3.71	120	0.0428	5.14	1.43	38.51%	0.07%
<b>Sub-Total: Distribution</b>			<b>1,875.00</b>			<b>2,005.44</b>	<b>130.44</b>	<b>6.96%</b>	<b>26.73%</b>
Retail Transmission Rate – Network Service Rate	120	1.6583	199.00	120	1.7027	204.32	5.33	2.68%	2.72%
Retail Transmission Rate – Line and Transformation Connection Service Rate	120	1.0912	130.94	120	1.1398	136.78	5.83	4.45%	1.82%
<b>Sub-Total: Retail Transmission</b>			<b>329.94</b>			<b>341.10</b>	<b>11.16</b>	<b>3.38%</b>	<b>4.55%</b>
<b>Sub-Total: Delivery</b>			<b>2,204.94</b>			<b>2,346.54</b>	<b>141.60</b>	<b>6.42%</b>	<b>31.28%</b>
Wholesale Market Service Rate	37,135	0.0036	133.69	37,135	0.0036	133.69	0.00	0.00%	1.78%
Rural Rate Protection Charge	37,135	0.0013	48.28	37,135	0.0013	48.28	0.00	0.00%	0.64%
Ontario Electricity Support Program Charge	37,135	0.0011	40.85	37,135	0.0011	40.85	0.00	0.00%	0.54%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>223.06</b>			<b>223.06</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.97%</b>
<b>Debt Retirement Charge (DRC)</b>	35,000	0.007	<b>245.00</b>	35,000	0.007	<b>245.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.27%</b>
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>6,497.91</b>			<b>6,639.50</b>	<b>141.60</b>	<b>2.18%</b>	<b>88.50%</b>
HST		0.13	844.73		0.13	863.14	18.41	2.18%	11.50%
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>7,342.63</b>			<b>7,502.64</b>	<b>160.00</b>	<b>2.18%</b>	<b>100.00%</b>

**2017 Bill Impacts (High Consumption Level)**

Rate Class	GSd
Monthly Consumption (kWh)	175,000
Peak (kW)	500
Loss factor	1.061
Load factor	48%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	185,675
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
<b>Sub-Total: Energy (RPP)</b>			<b>19,124.53</b>			<b>19,124.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.68%</b>
Service Charge	1	84.35	84.35	1	89.48	89.48	5.13	6.08%	0.26%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.32	1.32	1	1.37	1.37	0.05	3.79%	0.00%
Distribution Volumetric Rate	500	14.8802	7,440.10	500	15.9121	7,956.05	515.95	6.93%	22.75%
Volumetric Deferral/Variance Account Rider	500	0.0309	15.45	500	0.0428	21.40	5.95	38.51%	0.06%
<b>Sub-Total: Distribution</b>			<b>7,541.22</b>			<b>8,068.30</b>	<b>527.08</b>	<b>6.99%</b>	<b>23.07%</b>
Retail Transmission Rate – Network Service Rate	500	1.6583	829.15	500	1.7027	851.35	22.20	2.68%	2.43%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.0912	545.60	500	1.1398	569.90	24.30	4.45%	1.63%
<b>Sub-Total: Retail Transmission</b>			<b>1,374.75</b>			<b>1,421.25</b>	<b>46.50</b>	<b>3.38%</b>	<b>4.06%</b>
<b>Sub-Total: Delivery</b>			<b>8,915.97</b>			<b>9,489.55</b>	<b>573.58</b>	<b>6.43%</b>	<b>27.13%</b>
Wholesale Market Service Rate	185,675	0.0036	668.43	185,675	0.0036	668.43	0.00	0.00%	1.91%
Rural Rate Protection Charge	185,675	0.0013	241.38	185,675	0.0013	241.38	0.00	0.00%	0.69%
Ontario Electricity Support Program Charge	185,675	0.0011	204.24	185,675	0.0011	204.24	0.00	0.00%	0.58%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,114.30</b>			<b>1,114.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.19%</b>
<b>Debt Retirement Charge (DRC)</b>	175,000	0.007	<b>1,225.00</b>	175,000	0.007	<b>1,225.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.50%</b>
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>30,379.80</b>			<b>30,953.38</b>	<b>573.58</b>	<b>1.89%</b>	<b>88.50%</b>
HST		0.13	3,949.37		0.13	4,023.94	74.57	1.89%	11.50%
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>34,329.17</b>			<b>34,977.31</b>	<b>648.15</b>	<b>1.89%</b>	<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	Dgen
Monthly Consumption (kWh)	300
Peak (kW)	10
Loss factor	1.061
Load factor	4%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	318
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
<b>Sub-Total: Energy (RPP)</b>			<b>32.78</b>			<b>32.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>10.81%</b>
Service Charge	1	120.38	120.38	1	149.34	149.34	28.96	24.06%	49.25%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	2.28	2.28	1	2.72	2.72	0.44	19.30%	0.90%
Distribution Volumetric Rate	10	5.951	59.51	10	6.9518	69.52	10.01	16.82%	22.92%
Volumetric Deferral/Variance Account Rider	10	0.0481	0.48	10	0.0633	0.63	0.15	31.60%	0.21%
<b>Sub-Total: Distribution</b>			<b>182.65</b>			<b>222.21</b>	<b>39.56</b>	<b>21.66%</b>	<b>73.28%</b>
Retail Transmission Rate – Network Service Rate	10	0.5672	5.67	10	0.5549	5.55	-0.12	-2.17%	1.83%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10	0.3663	3.66	10	0.3553	3.55	-0.11	-3.00%	1.17%
<b>Sub-Total: Retail Transmission</b>			<b>9.34</b>			<b>9.10</b>	<b>-0.23</b>	<b>-2.50%</b>	<b>3.00%</b>
<b>Sub-Total: Delivery</b>			<b>191.99</b>			<b>231.31</b>	<b>39.33</b>	<b>20.48%</b>	<b>76.28%</b>
Wholesale Market Service Rate	318	0.0036	1.15	318	0.0036	1.15	0.00	0.00%	0.38%
Rural Rate Protection Charge	318	0.0013	0.41	318	0.0013	0.41	0.00	0.00%	0.14%
Ontario Electricity Support Program Charge	318	0.0011	0.35	318	0.0011	0.35	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%	0.08%
<b>Sub-Total: Regulatory</b>			<b>2.16</b>			<b>2.16</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.71%</b>
<b>Debt Retirement Charge (DRC)</b>	300	0.007	<b>2.10</b>	300	0.007	<b>2.10</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.69%</b>
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>229.03</b>			<b>268.36</b>	<b>39.33</b>	<b>17.17%</b>	<b>88.50%</b>
HST		0.13	29.77		0.13	34.89	5.11	17.17%	11.50%
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>258.80</b>			<b>303.24</b>	<b>44.44</b>	<b>17.17%</b>	<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	Dgen
Monthly Consumption (kWh)	2,000
Peak (kW)	20
Loss factor	1.061
Load factor	14%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	2,122
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
<b>Sub-Total: Energy (RPP)</b>			<b>218.57</b>			<b>218.57</b>	<b>0.00</b>	<b>0.00%</b>	<b>34.78%</b>
Service Charge	1	120.38	120.38	1	149.34	149.34	28.96	24.06%	23.76%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Foregone Rider	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	2.28	2.28	1	2.72	2.72	0.44	19.30%	0.43%
Distribution Volumetric Rate	20	5.951	119.02	20	6.9518	139.04	20.02	16.82%	22.13%
Placeholder Volumetric Foregone Rider	20	0	0.00	20	0	0.00	0.00	0.00%	0.00%
Volumetric Deferral/Variance Account Rider	20	0.0481	0.96	20	0.0633	1.27	0.30	31.60%	0.20%
<b>Sub-Total: Distribution</b>			<b>242.64</b>			<b>292.36</b>	<b>49.72</b>	<b>20.49%</b>	<b>46.52%</b>
Retail Transmission Rate – Network Service Rate	20	0.5672	11.34	20	0.5549	11.10	-0.25	-2.17%	1.77%
Retail Transmission Rate – Line and Transformation Connection Service Rate	20	0.3663	7.33	20	0.3553	7.11	-0.22	-3.00%	1.13%
<b>Sub-Total: Retail Transmission</b>			<b>18.67</b>			<b>18.20</b>	<b>-0.47</b>	<b>-2.50%</b>	<b>2.90%</b>
<b>Sub-Total: Delivery</b>			<b>261.31</b>			<b>310.57</b>	<b>49.25</b>	<b>18.85%</b>	<b>49.42%</b>
Wholesale Market Service Rate	2,122	0.0036	7.64	2,122	0.0036	7.64	0.00	0.00%	1.22%
Rural Rate Protection Charge	2,122	0.0013	2.76	2,122	0.0013	2.76	0.00	0.00%	0.44%
Ontario Electricity Support Program Charge	2,122	0.0011	2.33	2,122	0.0011	2.33	0.00	0.00%	0.37%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.04%
<b>Sub-Total: Regulatory</b>			<b>12.98</b>			<b>12.98</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.07%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	<b>14.00</b>	2,000	0.007	<b>14.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.23%</b>
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>506.86</b>			<b>556.11</b>	<b>49.25</b>	<b>9.72%</b>	<b>88.50%</b>
HST		0.13	65.89		0.13	72.29	6.40	9.72%	11.50%
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>572.75</b>			<b>628.41</b>	<b>55.66</b>	<b>9.72%</b>	<b>100.00%</b>

**2017 Bill Impacts (High Consumption Level)**

Rate Class	Dgen
Monthly Consumption (kWh)	5,000
Peak (kW)	100
Loss factor	1.061
Load factor	7%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	5,305
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
<b>Sub-Total: Energy (RPP)</b>			<b>546.42</b>			<b>546.42</b>	<b>0.00</b>	<b>0.00%</b>	<b>31.04%</b>
Service Charge	1	120.38	120.38	1	149.34	149.34	28.96	24.06%	8.48%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	2.28	2.28	1	2.72	2.72	0.44	19.30%	0.15%
Distribution Volumetric Rate	100	5.951	595.10	100	6.9518	695.18	100.08	16.82%	39.48%
Volumetric Deferral/Variance Account Rider	100	0.0481	4.81	100	0.0633	6.33	1.52	31.60%	0.36%
<b>Sub-Total: Distribution</b>			<b>722.57</b>			<b>853.57</b>	<b>131.00</b>	<b>18.13%</b>	<b>48.48%</b>
Retail Transmission Rate – Network Service Rate	100	0.5672	56.72	100	0.5549	55.49	-1.23	-2.17%	3.15%
Retail Transmission Rate – Line and Transformation Connection Service Rate	100	0.3663	36.63	100	0.3553	35.53	-1.10	-3.00%	2.02%
<b>Sub-Total: Retail Transmission</b>			<b>93.35</b>			<b>91.02</b>	<b>-2.33</b>	<b>-2.50%</b>	<b>5.17%</b>
<b>Sub-Total: Delivery</b>			<b>815.92</b>			<b>944.59</b>	<b>128.67</b>	<b>15.77%</b>	<b>53.65%</b>
Wholesale Market Service Rate	5,305	0.0036	19.10	5,305	0.0036	19.10	0.00	0.00%	1.08%
Rural Rate Protection Charge	5,305	0.0013	6.90	5,305	0.0013	6.90	0.00	0.00%	0.39%
Ontario Electricity Support Program Charge	5,305	0.0011	5.84	5,305	0.0011	5.84	0.00	0.00%	0.33%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>32.08</b>			<b>32.08</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.82%</b>
<b>Debt Retirement Charge (DRC)</b>	5,000	0.007	<b>35.00</b>	5,000	0.007	<b>35.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.99%</b>
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>1,429.42</b>			<b>1,558.09</b>	<b>128.67</b>	<b>9.00%</b>	<b>88.50%</b>
HST		0.13	185.82		0.13	202.55	16.73	9.00%	11.50%
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>1,615.24</b>			<b>1,760.64</b>	<b>145.40</b>	<b>9.00%</b>	<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	ST
Monthly Consumption (kWh)	200,000
Peak (kW)	500
Loss factor	1.034
Load factor	55%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	206,800
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
<b>Sub-Total: Energy (RPP)</b>			<b>21,300.40</b>			<b>21,300.40</b>	<b>0.00</b>	<b>0.00%</b>	<b>65.17%</b>
Service Charge	1	1222.62	1,222.62	1	1256.56	1,256.56	33.94	2.78%	3.84%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	11.62	11.62	1	11.86	11.86	0.24	2.07%	0.04%
Distribution Volumetric Rate	500	1.174	587.00	500	1.2052	602.60	15.60	2.66%	1.84%
Volumetric Deferral/Variance Account Rider	500	0.3151	157.55	500	0.3126	156.30	-1.25	-0.79%	0.48%
<b>Sub-Total: Distribution</b>			<b>1,978.79</b>			<b>2,027.32</b>	<b>48.53</b>	<b>2.45%</b>	<b>6.20%</b>
Retail Transmission Rate – Network Service Rate	500	3.4531	1,726.55	500	3.3028	1,651.40	-75.15	-4.35%	5.05%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	2.6371	1,318.55	500	2.606	1,303.00	-15.55	-1.18%	3.99%
<b>Sub-Total: Retail Transmission</b>			<b>3,045.10</b>			<b>2,954.40</b>	<b>-90.70</b>	<b>-2.98%</b>	<b>9.04%</b>
<b>Sub-Total: Delivery</b>			<b>5,023.89</b>			<b>4,981.72</b>	<b>-42.17</b>	<b>-0.84%</b>	<b>15.24%</b>
Wholesale Market Service Rate	206,800	0.0036	744.48	206,800	0.0036	744.48	0.00	0.00%	2.28%
Rural Rate Protection Charge	206,800	0.0013	268.84	206,800	0.0013	268.84	0.00	0.00%	0.82%
Ontario Electricity Support Program Charge	206,800	0.0011	227.48	206,800	0.0011	227.48	0.00	0.00%	0.70%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,241.05</b>			<b>1,241.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.80%</b>
<b>Debt Retirement Charge (DRC)</b>	200,000	0.007	<b>1,400.00</b>	200,000	0.007	<b>1,400.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.28%</b>
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>28,965.34</b>			<b>28,923.17</b>	<b>-42.17</b>	<b>-0.15%</b>	<b>88.50%</b>
HST		0.13	3,765.49		0.13	3,760.01	-5.48	-0.15%	11.50%
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>32,730.83</b>			<b>32,683.18</b>	<b>-47.65</b>	<b>-0.15%</b>	<b>100.00%</b>



**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	ST
Monthly Consumption (kWh)	500,000
Peak (kW)	1,000
Loss factor	1.034
Load factor	68%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	517,000
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
<b>Sub-Total: Energy (RPP)</b>			<b>53,251.00</b>			<b>53,251.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>68.75%</b>
Service Charge	1	1222.62	1,222.62	1	1256.56	1,256.56	33.94	2.78%	1.62%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	11.62	11.62	1	11.86	11.86	0.24	2.07%	0.02%
Distribution Volumetric Rate	1,000	1.174	1,174.00	1,000	1.2052	1,205.20	31.20	2.66%	1.56%
Volumetric Deferral/Variance Account Rider	1,000	0.3151	315.10	1,000	0.3126	312.60	-2.50	-0.79%	0.40%
<b>Sub-Total: Distribution</b>			<b>2,723.34</b>			<b>2,786.22</b>	<b>62.88</b>	<b>2.31%</b>	<b>3.60%</b>
Retail Transmission Rate – Network Service Rate	1,000	3.4531	3,453.10	1,000	3.3028	3,302.80	-150.30	-4.35%	4.26%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,000	2.6371	2,637.10	1,000	2.606	2,606.00	-31.10	-1.18%	3.36%
<b>Sub-Total: Retail Transmission</b>			<b>6,090.20</b>			<b>5,908.80</b>	<b>-181.40</b>	<b>-2.98%</b>	<b>7.63%</b>
<b>Sub-Total: Delivery</b>			<b>8,813.54</b>			<b>8,695.02</b>	<b>-118.52</b>	<b>-1.34%</b>	<b>11.23%</b>
Wholesale Market Service Rate	517,000	0.0036	1,861.20	517,000	0.0036	1,861.20	0.00	0.00%	2.40%
Rural Rate Protection Charge	517,000	0.0013	672.10	517,000	0.0013	672.10	0.00	0.00%	0.87%
Ontario Electricity Support Program Charge	517,000	0.0011	568.70	517,000	0.0011	568.70	0.00	0.00%	0.73%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>3,102.25</b>			<b>3,102.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.00%</b>
<b>Debt Retirement Charge (DRC)</b>	500,000	0.007	<b>3,500.00</b>	500,000	0.007	<b>3,500.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.52%</b>
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>68,666.79</b>			<b>68,548.27</b>	<b>-118.52</b>	<b>-0.17%</b>	<b>88.50%</b>
<b>HST</b>		0.13	8,926.68		0.13	8,911.28	-15.41	-0.17%	11.50%
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>77,593.47</b>			<b>77,459.55</b>	<b>-133.93</b>	<b>-0.17%</b>	<b>100.00%</b>

**2017 Bill Impacts (High Consumption Level)**

Rate Class	ST
Monthly Consumption (kWh)	4,000,000
Peak (kW)	10,000
Loss factor	1.034
Load factor	55%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	4,136,000
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
<b>Sub-Total: Energy (RPP)</b>			<b>426,008.00</b>			<b>426,008.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>68.01%</b>
Service Charge	1	1222.62	1,222.62	1	1256.56	1,256.56	33.94	2.78%	0.20%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	11.62	11.62	1	11.86	11.86	0.24	2.07%	0.00%
Distribution Volumetric Rate	10,000	1.174	11,740.00	10,000	1.2052	12,052.00	312.00	2.66%	1.92%
Volumetric Deferral/Variance Account Rider	10,000	0.3151	3,151.00	10,000	0.3126	3,126.00	-25.00	-0.79%	0.50%
<b>Sub-Total: Distribution</b>			<b>16,125.24</b>			<b>16,446.42</b>	<b>321.18</b>	<b>1.99%</b>	<b>2.63%</b>
Retail Transmission Rate – Network Service Rate	10,000	3.4531	34,531.00	10,000	3.3028	33,028.00	-1,503.00	-4.35%	5.27%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,000	2.6371	26,371.00	10,000	2.606	26,060.00	-311.00	-1.18%	4.16%
<b>Sub-Total: Retail Transmission</b>			<b>60,902.00</b>			<b>59,088.00</b>	<b>-1,814.00</b>	<b>-2.98%</b>	<b>9.43%</b>
<b>Sub-Total: Delivery</b>			<b>77,027.24</b>			<b>75,534.42</b>	<b>-1,492.82</b>	<b>-1.94%</b>	<b>12.06%</b>
Wholesale Market Service Rate	4,136,000	0.0036	14,889.60	4,136,000	0.0036	14,889.60	0.00	0.00%	2.38%
Rural Rate Protection Charge	4,136,000	0.0013	5,376.80	4,136,000	0.0013	5,376.80	0.00	0.00%	0.86%
Ontario Electricity Support Program Charge	4,136,000	0.0011	4,549.60	4,136,000	0.0011	4,549.60	0.00	0.00%	0.73%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>24,816.25</b>			<b>24,816.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.96%</b>
<b>Debt Retirement Charge (DRC)</b>	4,000,000	0.007	<b>28,000.00</b>	4,000,000	0.007	<b>28,000.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.47%</b>
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>555,851.49</b>			<b>554,358.67</b>	<b>-1,492.82</b>	<b>-0.27%</b>	<b>88.50%</b>
HST		0.13	72,260.69		0.13	72,066.63	-194.07	-0.27%	11.50%
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>628,112.18</b>			<b>626,425.30</b>	<b>-1,686.89</b>	<b>-0.27%</b>	<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	USL
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	109.2
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	100	0.103	10.30	100	0.103	10.30	0.00	0.00%	17.45%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>10.30</b>			<b>10.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>17.45%</b>
Service Charge	1	37.07	37.07	1	35.18	35.18	-1.89	-5.10%	59.60%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.54	0.54	1	0.51	0.51	-0.03	-5.56%	0.86%
Distribution Volumetric Rate	100	0.0305	3.05	100	0.0285	2.85	-0.20	-6.56%	4.83%
Volumetric Deferral/Variance Account Rider	100	0.0000	0.00	100	-0.0001	-0.01	-0.01	0.00%	-0.02%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>40.82</b>			<b>38.53</b>	<b>-2.29</b>	<b>-5.61%</b>	<b>65.28%</b>
Line Losses on Cost of Power	9	0.10	0.95	9	0.10	0.95	0.00	0.00%	1.61%
<b>Sub-Total: Distribution</b>			<b>41.77</b>			<b>39.48</b>	<b>-2.29</b>	<b>-5.48%</b>	<b>66.88%</b>
Retail Transmission Rate – Network Service Rate	109	0.0046	0.50	109	0.0047	0.51	0.01	2.17%	0.87%
Retail Transmission Rate – Line and Transformation Connection Charge	109	0.0031	0.34	109	0.0031	0.34	0.00	0.00%	0.57%
<b>Sub-Total: Retail Transmission</b>			<b>0.84</b>			<b>0.85</b>	<b>0.01</b>	<b>1.30%</b>	<b>1.44%</b>
<b>Sub-Total: Delivery</b>			<b>42.61</b>			<b>40.33</b>	<b>-2.28</b>	<b>-5.35%</b>	<b>68.33%</b>
Wholesale Market Service Rate	109	0.0036	0.39	109	0.0036	0.39	0.00	0.00%	0.67%
Rural Rate Protection Charge	109	0.0013	0.14	109	0.0013	0.14	0.00	0.00%	0.24%
Ontario Electricity Support Program Charge	109	0.0011	0.12	109	0.0011	0.12	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%	0.42%
<b>Sub-Total: Regulatory</b>			<b>0.91</b>			<b>0.91</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.53%</b>
<b>Debt Retirement Charge (DRC)</b>	100	0.007	<b>0.70</b>	100	0.007	<b>0.70</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.19%</b>
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>54.51</b>			<b>52.23</b>	<b>-2.28</b>	<b>-4.18%</b>	<b>88.50%</b>
<b>HST</b>		0.13	7.09		0.13	6.79	-0.30	-4.18%	11.50%
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>61.60</b>			<b>59.03</b>	<b>-2.58</b>	<b>-4.18%</b>	<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	USL
Monthly Consumption (kWh)	500
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	546
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	500	0.103	51.50	500	0.103	51.50	0.00	0.00%	38.82%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>51.50</b>			<b>51.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>38.82%</b>
Service Charge	1	37.07	37.07	1	35.18	35.18	-1.89	-5.10%	26.52%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.54	0.54	1	0.51	0.51	-0.03	-5.56%	0.38%
Distribution Volumetric Rate	500	0.0305	15.25	500	0.0285	14.25	-1.00	-6.56%	10.74%
Volumetric Deferral/Variance Account Rider	500	0.0000	0.00	500	-0.0001	-0.05	-0.05	0.00%	-0.04%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>53.02</b>			<b>49.89</b>	<b>-3.13</b>	<b>-5.91%</b>	<b>37.60%</b>
Line Losses on Cost of Power	46	0.10	4.74	46	0.10	4.74	0.00	0.00%	3.57%
<b>Sub-Total: Distribution</b>			<b>57.76</b>			<b>54.63</b>	<b>-3.13</b>	<b>-5.42%</b>	<b>41.17%</b>
Retail Transmission Rate – Network Service Rate	546	0.0046	2.51	546	0.0047	2.57	0.05	2.17%	1.93%
Retail Transmission Rate – Line and Transformation Connection	546	0.0031	1.69	546	0.0031	1.69	0.00	0.00%	1.28%
<b>Sub-Total: Retail Transmission</b>			<b>4.20</b>			<b>4.26</b>	<b>0.05</b>	<b>1.30%</b>	<b>3.21%</b>
<b>Sub-Total: Delivery</b>			<b>61.96</b>			<b>58.89</b>	<b>-3.08</b>	<b>-4.96%</b>	<b>44.38%</b>
Wholesale Market Service Rate	546	0.0036	1.97	546	0.0036	1.97	0.00	0.00%	1.48%
Rural Rate Protection Charge	546	0.0013	0.71	546	0.0013	0.71	0.00	0.00%	0.53%
Ontario Electricity Support Program Charge	546	0.0011	0.60	546	0.0011	0.60	0.00	0.00%	0.45%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.19%
<b>Sub-Total: Regulatory</b>			<b>3.53</b>			<b>3.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.66%</b>
<b>Debt Retirement Charge (DRC)</b>	500	0.007	<b>3.50</b>	500	0.007	<b>3.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.64%</b>
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>120.49</b>			<b>117.41</b>	<b>-3.08</b>	<b>-2.55%</b>	<b>88.50%</b>
<b>HST</b>		0.13	15.66		0.13	15.26	-0.40	-2.55%	11.50%
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>136.15</b>			<b>132.68</b>	<b>-3.48</b>	<b>-2.55%</b>	<b>100.00%</b>

**2017 Bill Impacts (High Consumption Level)**

Rate Class	USL
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	1092
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	33.34%
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	13.06%
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.40%</b>
Service Charge	1	37.07	37.07	1	35.18	35.18	-1.89	-5.10%	15.18%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.54	0.54	1	0.51	0.51	-0.03	-5.56%	0.22%
Distribution Volumetric Rate	1,000	0.0305	30.50	1,000	0.0285	28.50	-2.00	-6.56%	12.30%
Volumetric Deferral/Variance Account Rider	1,000	0.0000	0.00	1,000	-0.0001	-0.10	-0.10	0.00%	-0.04%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>68.27</b>			<b>64.09</b>	<b>-4.18</b>	<b>-6.12%</b>	<b>27.66%</b>
Line Losses on Cost of Power	92	0.12	11.13	92	0.12	11.13	0.00	0.00%	4.80%
<b>Sub-Total: Distribution</b>			<b>79.40</b>			<b>75.22</b>	<b>-4.18</b>	<b>-5.27%</b>	<b>32.47%</b>
Retail Transmission Rate – Network Service Rate	1,092	0.0046	5.02	1,092	0.0047	5.13	0.11	2.17%	2.22%
Retail Transmission Rate – Line and Transformation Connection \$	1,092	0.0031	3.39	1,092	0.0031	3.39	0.00	0.00%	1.46%
<b>Sub-Total: Retail Transmission</b>			<b>8.41</b>			<b>8.52</b>	<b>0.11</b>	<b>1.30%</b>	<b>3.68%</b>
<b>Sub-Total: Delivery</b>			<b>87.81</b>			<b>83.74</b>	<b>-4.07</b>	<b>-4.64%</b>	<b>36.14%</b>
Wholesale Market Service Rate	1,092	0.0036	3.93	1,092	0.0036	3.93	0.00	0.00%	1.70%
Rural Rate Protection Charge	1,092	0.0013	1.42	1,092	0.0013	1.42	0.00	0.00%	0.61%
Ontario Electricity Support Program Charge	1,092	0.0011	1.20	1,092	0.0011	1.20	0.00	0.00%	0.52%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.11%
<b>Sub-Total: Regulatory</b>			<b>6.80</b>			<b>6.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.94%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	<b>7.00</b>	1,000	0.007	<b>7.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.02%</b>
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>209.11</b>			<b>205.04</b>	<b>-4.07</b>	<b>-1.95%</b>	<b>88.50%</b>
<b>HST</b>		0.13	27.18		0.13	26.66	-0.53	-1.95%	11.50%
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>236.30</b>			<b>231.70</b>	<b>-4.60</b>	<b>-1.95%</b>	<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	Sen Lgt
Monthly Consumption (kWh)	20
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	21.84
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
<b>Sub-Total: Energy (RPP)</b>			<b>2.06</b>			<b>2.06</b>	<b>0.00</b>	<b>0.00%</b>	<b>22.61%</b>
Service Charge	1	2.64	2.64	1	2.71	2.71	0.07	2.65%	29.75%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.05	0.05	1	0.05	0.05	0.00	0.00%	0.55%
Distribution Volumetric Rate	20	0.1153	2.31	20	0.1178	2.36	0.05	2.17%	25.86%
Volumetric Deferral/Variance Account Rider	20	0.0009	0.02	20	0.0009	0.02	0.00	0.00%	0.20%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>5.18</b>			<b>5.13</b>	<b>-0.04</b>	<b>-0.79%</b>	<b>56.36%</b>
Line Losses on Cost of Power	2	0.10	0.19	2	0.10	0.19	0.00	0.00%	2.08%
<b>Sub-Total: Distribution</b>			<b>5.36</b>			<b>5.32</b>	<b>-0.04</b>	<b>-0.76%</b>	<b>58.44%</b>
Retail Transmission Rate – Network Service Rate	22	0.0039	0.09	22	0.0045	0.10	0.01	15.38%	1.08%
Retail Transmission Rate – Line and Transformation Connection \$	22	0.0033	0.07	22	0.0027	0.06	-0.01	-18.18%	0.65%
<b>Sub-Total: Retail Transmission</b>			<b>0.16</b>			<b>0.16</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.73%</b>
<b>Sub-Total: Delivery</b>			<b>5.52</b>			<b>5.48</b>	<b>-0.04</b>	<b>-0.74%</b>	<b>60.16%</b>
Wholesale Market Service Rate	22	0.0036	0.08	22	0.0036	0.08	0.00	0.00%	0.86%
Rural Rate Protection Charge	22	0.0013	0.03	22	0.0013	0.03	0.00	0.00%	0.31%
Ontario Electricity Support Program Charge	22	0.0011	0.02	22	0.0011	0.02	0.00	0.00%	0.26%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	2.74%
<b>Sub-Total: Regulatory</b>			<b>0.38</b>			<b>0.38</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.18%</b>
Debt Retirement Charge (DRC)	20	0.007	0.14	20	0.007	0.14	0.00	0.00%	1.54%
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>8.10</b>			<b>8.06</b>	<b>-0.04</b>	<b>-0.51%</b>	<b>88.50%</b>
HST		0.13	1.05		0.13	1.05	-0.01	-0.51%	11.50%
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>9.16</b>			<b>9.11</b>	<b>-0.05</b>	<b>-0.51%</b>	<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

<b>Rate Class</b>	<b>Sen Lgt</b>
Monthly Consumption (kWh)	50
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	54.6
Charge determinant	kWh

	<b>Volume</b>	<b>Current Rate (\$)</b>	<b>Current Charge (\$)</b>	<b>Volume</b>	<b>Proposed Rate (\$)</b>	<b>Proposed Charge (\$)</b>	<b>Change (\$)</b>	<b>Change (%)</b>	<b>% of Total Bill on RPP</b>
<b>Sub-Total: Energy (RPP)</b>			<b>5.15</b>			<b>5.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>29.14%</b>
Service Charge	1	2.64	2.64	1	2.71	2.71	0.07	2.65%	15.33%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.05	0.05	1	0.05	0.05	0.00	0.00%	0.28%
Distribution Volumetric Rate	50	0.1153	5.77	50	0.1178	5.89	0.13	2.17%	33.33%
Volumetric Deferral/Variance Account Rider	50	0.0009	0.05	50	0.0009	0.05	0.00	0.00%	0.25%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>8.66</b>			<b>8.70</b>	<b>0.03</b>	<b>0.39%</b>	<b>49.20%</b>
Line Losses on Cost of Power	5	0.10	0.47	5	0.10	0.47	0.00	0.00%	2.68%
<b>Sub-Total: Distribution</b>			<b>9.13</b>			<b>9.17</b>	<b>0.03</b>	<b>0.37%</b>	<b>51.88%</b>
Retail Transmission Rate – Network Service Rate	55	0.0039	0.21	55	0.0045	0.25	0.03	15.38%	1.39%
Retail Transmission Rate – Line and Transformation Connection \$	55	0.0033	0.18	55	0.0027	0.15	-0.03	-18.18%	0.83%
<b>Sub-Total: Retail Transmission</b>			<b>0.39</b>			<b>0.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.22%</b>
<b>Sub-Total: Delivery</b>			<b>9.53</b>			<b>9.56</b>	<b>0.03</b>	<b>0.36%</b>	<b>54.11%</b>
Wholesale Market Service Rate	55	0.0036	0.20	55	0.0036	0.20	0.00	0.00%	1.11%
Rural Rate Protection Charge	55	0.0013	0.07	55	0.0013	0.07	0.00	0.00%	0.40%
Ontario Electricity Support Program Charge	55	0.0011	0.06	55	0.0011	0.06	0.00	0.00%	0.34%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	1.41%
<b>Sub-Total: Regulatory</b>			<b>0.58</b>			<b>0.58</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.27%</b>
<b>Debt Retirement Charge (DRC)</b>	50	0.007	0.35	50	0.007	0.35	0.00	0.00%	1.98%
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>15.61</b>			<b>15.64</b>	<b>0.03</b>	<b>0.22%</b>	<b>88.50%</b>
<b>HST</b>		0.13	2.03		0.13	2.03	0.00	0.22%	11.50%
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>17.63</b>			<b>17.67</b>	<b>0.04</b>	<b>0.22%</b>	<b>100.00%</b>

**2017 Bill Impacts (High Consumption Level)**

<b>Rate Class</b>	<b>Sen Lgt</b>
Monthly Consumption (kWh)	200
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	218.4
Charge determinant	kWh

	<b>Volume</b>	<b>Current Rate (\$)</b>	<b>Current Charge (\$)</b>	<b>Volume</b>	<b>Proposed Rate (\$)</b>	<b>Proposed Charge (\$)</b>	<b>Change (\$)</b>	<b>Change (%)</b>	<b>% of Total Bill on RPP</b>
<b>Sub-Total: Energy (RPP)</b>			<b>20.60</b>			<b>20.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>34.06%</b>
Service Charge	1	2.64	2.64	1	2.71	2.71	0.07	2.65%	4.48%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.05	0.05	1	0.05	0.05	0.00	0.00%	0.08%
Distribution Volumetric Rate	200	0.1153	23.06	200	0.1178	23.56	0.50	2.17%	38.95%
Volumetric Deferral/Variance Account Rider	200	0.0009	0.18	200	0.0009	0.18	0.00	0.00%	0.30%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>26.09</b>			<b>26.50</b>	<b>0.41</b>	<b>1.57%</b>	<b>43.81%</b>
Line Losses on Cost of Power	18	0.10	1.90	18	0.10	1.90	0.00	0.00%	3.13%
<b>Sub-Total: Distribution</b>			<b>27.99</b>			<b>28.40</b>	<b>0.41</b>	<b>1.46%</b>	<b>46.94%</b>
Retail Transmission Rate – Network Service Rate	218	0.0039	0.85	218	0.0045	0.98	0.13	15.38%	1.62%
Retail Transmission Rate – Line and Transformation Connection \$	218	0.0033	0.72	218	0.0027	0.59	-0.13	-18.18%	0.97%
<b>Sub-Total: Retail Transmission</b>			<b>1.57</b>			<b>1.57</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.60%</b>
<b>Sub-Total: Delivery</b>			<b>29.56</b>			<b>29.97</b>	<b>0.41</b>	<b>1.38%</b>	<b>49.54%</b>
Wholesale Market Service Rate	218	0.0036	0.79	218	0.0036	0.79	0.00	0.00%	1.30%
Rural Rate Protection Charge	218	0.0013	0.28	218	0.0013	0.28	0.00	0.00%	0.47%
Ontario Electricity Support Program Charge	218	0.0011	0.24	218	0.0011	0.24	0.00	0.00%	0.40%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.41%
<b>Sub-Total: Regulatory</b>			<b>1.56</b>			<b>1.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.58%</b>
Debt Retirement Charge (DRC)	200	0.007	1.40	200	0.007	1.40	0.00	0.00%	2.31%
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>53.12</b>			<b>53.53</b>	<b>0.41</b>	<b>0.77%</b>	<b>88.50%</b>
HST		0.13	6.91		0.13	6.96	0.05	0.77%	11.50%
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>60.02</b>			<b>60.49</b>	<b>0.46</b>	<b>0.77%</b>	<b>100.00%</b>



**2017 Bill Impacts (Low Consumption Level)**

Rate Class	St Lgt
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	109.2
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
<b>Sub-Total: Energy (RPP)</b>			<b>10.30</b>			<b>10.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>33.41%</b>
Service Charge	1	4.23	4.23	1	4.25	4.25	0.02	0.47%	13.79%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.08	0.08	1	0.08	0.08	0.00	0.00%	0.26%
Distribution Volumetric Rate	100	0.0911	9.11	100	0.0924	9.24	0.13	1.43%	29.98%
Volumetric Deferral/Variance Account Rider	100	0.0007	0.07	100	0.0007	0.07	0.00	0.00%	0.23%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>13.65</b>			<b>13.64</b>	<b>-0.01</b>	<b>-0.08%</b>	<b>44.25%</b>
Line Losses on Cost of Power	9	0.10	0.95	9	0.10	0.95	0.00	0.00%	3.07%
<b>Sub-Total: Distribution</b>			<b>14.60</b>			<b>14.59</b>	<b>-0.01</b>	<b>-0.08%</b>	<b>47.32%</b>
Retail Transmission Rate – Network Service Rate	109	0.0039	0.43	109	0.0045	0.49	0.07	15.38%	1.59%
Retail Transmission Rate – Line and Transformation Connection \$	109	0.0033	0.36	109	0.0027	0.29	-0.07	-18.18%	0.96%
<b>Sub-Total: Retail Transmission</b>			<b>0.79</b>			<b>0.79</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.55%</b>
<b>Sub-Total: Delivery</b>			<b>15.38</b>			<b>15.37</b>	<b>-0.01</b>	<b>-0.07%</b>	<b>49.87%</b>
Wholesale Market Service Rate	109	0.0036	0.39	109	0.0036	0.39	0.00	0.00%	1.28%
Rural Rate Protection Charge	109	0.0013	0.14	109	0.0013	0.14	0.00	0.00%	0.46%
Ontario Electricity Support Program Charge	109	0.0011	0.12	109	0.0011	0.12	0.00	0.00%	0.39%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.81%
<b>Sub-Total: Regulatory</b>			<b>0.91</b>			<b>0.91</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.94%</b>
Debt Retirement Charge (DRC)	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	2.27%
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>27.29</b>			<b>27.28</b>	<b>-0.01</b>	<b>-0.04%</b>	<b>88.50%</b>
HST		0.13	3.55		0.13	3.55	0.00	-0.04%	11.50%
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>30.84</b>			<b>30.83</b>	<b>-0.01</b>	<b>-0.04%</b>	<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	St Lgt
Monthly Consumption (kWh)	500
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	546
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
<b>Sub-Total: Energy (RPP)</b>			<b>51.50</b>			<b>51.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>38.60%</b>
Service Charge	1	4.23	4.23	1	4.25	4.25	0.02	0.47%	3.19%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.08	0.08	0.08	0.00%	0.06%
Distribution Volumetric Rate	500	0.0911	45.55	500	0.0924	46.20	0.65	1.43%	34.63%
Volumetric Deferral/Variance Account Rider	500	0.0007	0.35	500	0.0007	0.35	0.00	0.00%	0.26%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>50.29</b>			<b>50.88</b>	<b>0.59</b>	<b>1.17%</b>	<b>38.13%</b>
Line Losses on Cost of Power	46	0.10	4.74	46	0.10	4.74	0.00	0.00%	3.55%
<b>Sub-Total: Distribution</b>			<b>55.03</b>			<b>55.62</b>	<b>0.59</b>	<b>1.07%</b>	<b>41.68%</b>
Retail Transmission Rate – Network Service Rate	546	0.0039	2.13	546	0.0045	2.46	0.33	15.38%	1.84%
Retail Transmission Rate – Line and Transformation Connection	546	0.0033	1.80	546	0.0027	1.47	-0.33	-18.18%	1.10%
<b>Sub-Total: Retail Transmission</b>			<b>3.93</b>			<b>3.93</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.95%</b>
<b>Sub-Total: Delivery</b>			<b>58.96</b>			<b>59.55</b>	<b>0.59</b>	<b>1.00%</b>	<b>44.63%</b>
Wholesale Market Service Rate	546	0.0036	1.97	546	0.0036	1.97	0.00	0.00%	1.47%
Rural Rate Protection Charge	546	0.0013	0.71	546	0.0013	0.71	0.00	0.00%	0.53%
Ontario Electricity Support Program Charge	546	0.0011	0.60	546	0.0011	0.60	0.00	0.00%	0.45%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.19%
<b>Sub-Total: Regulatory</b>			<b>3.53</b>			<b>3.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.64%</b>
<b>Debt Retirement Charge (DRC)</b>	500	0.007	<b>3.50</b>	500	0.007	<b>3.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.62%</b>
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>117.49</b>			<b>118.08</b>	<b>0.59</b>	<b>0.50%</b>	<b>88.50%</b>
HST		0.13	15.27		0.13	15.35	0.08	0.50%	11.50%
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>132.76</b>			<b>133.42</b>	<b>0.67</b>	<b>0.50%</b>	<b>100.00%</b>

**2017 Bill Impacts (High Consumption Level)**

Rate Class	St Lgt
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2184
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>41.75%</b>
Service Charge	1	4.23	4.23	1	4.25	4.25	0.02	0.47%	0.78%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.08	0.08	0.08	0.00%	0.01%
Distribution Volumetric Rate	2,000	0.0911	182.20	2,000	0.0924	184.80	2.60	1.43%	33.76%
Volumetric Deferral/Variance Account Rider	2,000	0.0007	1.40	2,000	0.0007	1.40	0.00	0.00%	0.26%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>187.99</b>			<b>190.53</b>	<b>2.54</b>	<b>1.35%</b>	<b>34.81%</b>
Line Losses on Cost of Power	184	0.12	22.26	184	0.12	22.26	0.00	0.00%	4.07%
<b>Sub-Total: Distribution</b>			<b>210.26</b>			<b>212.79</b>	<b>2.54</b>	<b>1.21%</b>	<b>38.88%</b>
Retail Transmission Rate – Network Service Rate	2,184	0.0039	8.52	2,184	0.0045	9.83	1.31	15.38%	1.80%
Retail Transmission Rate – Line and Transformation Connection \$	2,184	0.0033	7.21	2,184	0.0027	5.90	-1.31	-18.18%	1.08%
<b>Sub-Total: Retail Transmission</b>			<b>15.72</b>			<b>15.72</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.87%</b>
<b>Sub-Total: Delivery</b>			<b>225.98</b>			<b>228.52</b>	<b>2.54</b>	<b>1.12%</b>	<b>41.75%</b>
Wholesale Market Service Rate	2,184	0.0036	7.86	2,184	0.0036	7.86	0.00	0.00%	1.44%
Rural Rate Protection Charge	2,184	0.0013	2.84	2,184	0.0013	2.84	0.00	0.00%	0.52%
Ontario Electricity Support Program Charge	2,184	0.0011	2.40	2,184	0.0011	2.40	0.00	0.00%	0.44%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%
<b>Sub-Total: Regulatory</b>			<b>13.35</b>			<b>13.35</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.44%</b>
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	2.56%
<b>Total Bill on Two-Tier RPP (before HST)</b>			<b>481.83</b>			<b>484.37</b>	<b>2.54</b>	<b>0.53%</b>	<b>88.50%</b>
HST		0.13	62.64		0.13	62.97	0.33	0.53%	11.50%
<b>Total Bill on Two-Tier RPP (including HST)</b>			<b>544.47</b>			<b>547.34</b>	<b>2.87</b>	<b>0.53%</b>	<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	UR
Monthly Consumption (kWh)	350
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	369.95
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	350	0.103	36.05	350	0.103	36.05	0.00	0.00%	42.87%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.05</b>			<b>36.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>42.87%</b>	
TOU-Off Peak	228	0.087	19.79	228	0.087	19.79	0.00	0.00%		22.60%
TOU-Mid Peak	60	0.132	7.85	60	0.132	7.85	0.00	0.00%		8.97%
TOU-On Peak	63	0.180	11.34	63	0.180	11.34	0.00	0.00%		12.95%
<b>Sub-Total: Energy (TOU)</b>			<b>38.99</b>			<b>38.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.36%</b>	<b>44.51%</b>
Service Charge	1	22.29	22.29	1	24.78	24.78	2.49	11.17%	29.47%	28.29%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.69	0.69	1	0.72	0.72	0.03	4.35%	0.86%	0.82%
Distribution Volumetric Rate	350	0.0162	5.67	350	0.0094	3.29	-2.38	-41.98%	3.91%	3.76%
Volumetric Deferral/Variance Account Rider	350	-0.0002	-0.07	350	-0.0003	-0.11	-0.04	50.00%	-0.12%	-0.12%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>28.58</b>			<b>28.69</b>	<b>0.11</b>	<b>0.37%</b>	<b>34.11%</b>	<b>32.75%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.94%	0.90%
Line Losses on Cost of Power (based on two-tier RPP prices)	20	0.10	2.05	20	0.10	2.05	0.00	0.00%	2.44%	2.35%
Line Losses on Cost of Power (based on TOU prices)	20	0.11	2.22	20	0.11	2.22	0.00	0.00%	2.64%	2.54%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>31.42</b>			<b>31.53</b>	<b>0.11</b>	<b>0.33%</b>	<b>37.50%</b>	<b>35.99%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>31.59</b>			<b>31.70</b>	<b>0.11</b>	<b>0.33%</b>	<b>37.69%</b>	<b>36.19%</b>
Retail Transmission Rate – Network Service Rate	370	0.0069	2.55	370	0.0068	2.52	-0.04	-1.45%	2.99%	2.87%
Retail Transmission Rate – Line and Transformation Connection \$	370	0.0049	1.81	370	0.005	1.85	0.04	2.04%	2.20%	2.11%
<b>Sub-Total: Retail Transmission</b>			<b>4.37</b>			<b>4.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.19%</b>	<b>4.98%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>35.79</b>			<b>35.90</b>	<b>0.10</b>	<b>0.29%</b>	<b>42.69%</b>	<b>40.98%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>35.96</b>			<b>36.06</b>	<b>0.10</b>	<b>0.29%</b>	<b>42.89%</b>	<b>41.17%</b>
Wholesale Market Service Rate	370	0.0036	1.33	370	0.0036	1.33	0.00	0.00%	1.58%	1.52%
Rural Rate Protection Charge	370	0.0013	0.48	370	0.0013	0.48	0.00	0.00%	0.57%	0.55%
Ontario Electricity Support Program	370	0.0011	0.41	370	0.0011	0.41	0.00	0.00%	0.48%	0.46%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.30%	0.29%
<b>Sub-Total: Regulatory</b>			<b>2.47</b>			<b>2.47</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.94%</b>	<b>2.82%</b>
Debt Retirement Charge (DRC)	350	0.000	0.00	350	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>74.31</b>			<b>74.41</b>	<b>0.11</b>	<b>0.14%</b>	<b>88.50%</b>	
HST		0.13	9.66		0.13	9.67	0.01	0.14%	11.50%	
<b>Total Bill (including HST)</b>			<b>83.97</b>			<b>84.09</b>	<b>0.12</b>	<b>0.14%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>83.97</b>			<b>84.09</b>	<b>0.12</b>	<b>0.14%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>77.41</b>			<b>77.52</b>	<b>0.11</b>	<b>0.14%</b>		<b>88.50%</b>
HST		0.13	10.06		0.13	10.08	0.01	0.14%		11.50%
<b>Total Bill (including HST)</b>			<b>87.48</b>			<b>87.60</b>	<b>0.12</b>	<b>0.14%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>87.48</b>			<b>87.60</b>	<b>0.12</b>	<b>0.14%</b>		<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	UR
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	792.75
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	41.24%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	12.11%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.36%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		27.64%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		10.97%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		15.84%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.76%</b>	<b>54.45%</b>
Service Charge	1	22.29	22.29	1	24.78	24.78	2.49	11.17%	16.54%	16.15%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.69	0.69	1	0.72	0.72	0.03	4.35%	0.48%	0.47%
Distribution Volumetric Rate	750	0.0162	12.15	750	0.0094	7.05	-5.10	-41.98%	4.71%	4.59%
Volumetric Deferral/Variance Account Rider	750	-0.0002	-0.15	750	-0.0003	-0.23	-0.08	50.00%	-0.15%	-0.15%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>34.98</b>			<b>32.33</b>	<b>-2.66</b>	<b>-7.59%</b>	<b>21.57%</b>	<b>21.07%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.53%	0.51%
Line Losses on Cost of Power (based on two-tier RPP prices)	43	0.12	5.17	43	0.12	5.17	0.00	0.00%	3.45%	3.37%
Line Losses on Cost of Power (based on TOU prices)	43	0.11	4.76	43	0.11	4.76	0.00	0.00%	3.18%	3.10%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>40.94</b>			<b>38.29</b>	<b>-2.66</b>	<b>-6.48%</b>	<b>25.55%</b>	<b>24.95%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>40.53</b>			<b>37.88</b>	<b>-2.66</b>	<b>-6.55%</b>	<b>25.28%</b>	<b>24.69%</b>
Retail Transmission Rate – Network Service Rate	793	0.0069	5.47	793	0.0068	5.39	-0.08	-1.45%	3.60%	3.51%
Retail Transmission Rate – Line and Transformation Connection	793	0.0049	3.88	793	0.005	3.96	0.08	2.04%	2.65%	2.58%
<b>Sub-Total: Retail Transmission</b>			<b>9.35</b>			<b>9.35</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.24%</b>	<b>6.10%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>50.30</b>			<b>47.64</b>	<b>-2.66</b>	<b>-5.28%</b>	<b>31.80%</b>	<b>31.05%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>49.89</b>			<b>47.23</b>	<b>-2.66</b>	<b>-5.32%</b>	<b>31.52%</b>	<b>30.78%</b>
Wholesale Market Service Rate	793	0.0036	2.85	793	0.0036	2.85	0.00	0.00%	1.90%	1.86%
Rural Rate Protection Charge	793	0.0013	1.03	793	0.0013	1.03	0.00	0.00%	0.69%	0.67%
Ontario Electricity Support Program	793	0.0011	0.87	793	0.0011	0.87	0.00	0.00%	0.58%	0.57%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.17%	0.16%
<b>Sub-Total: Regulatory</b>			<b>5.01</b>			<b>5.01</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.34%</b>	<b>3.26%</b>
<b>Debt Retirement Charge (DRC)</b>	750	0.000	<b>0.00</b>	750	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>135.25</b>			<b>132.60</b>	<b>-2.65</b>	<b>-1.96%</b>	<b>88.50%</b>	
HST		0.13	17.58		0.13	17.24	-0.35	-1.96%	11.50%	
<b>Total Bill (including HST)</b>			<b>152.84</b>			<b>149.84</b>	<b>-3.00</b>	<b>-1.96%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>152.84</b>			<b>149.84</b>	<b>-3.00</b>	<b>-1.96%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>138.44</b>			<b>135.78</b>	<b>-2.66</b>	<b>-1.92%</b>		<b>88.50%</b>
HST		0.13	18.00		0.13	17.65	-0.35	-1.92%		11.50%
<b>Total Bill (including HST)</b>			<b>156.43</b>			<b>153.43</b>	<b>-3.00</b>	<b>-1.92%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>156.43</b>			<b>153.43</b>	<b>-3.00</b>	<b>-1.92%</b>		<b>100.00%</b>

**2017 Bill Impacts (High Consumption Level)**

Rate Class	UR
Monthly Consumption (kWh)	1400
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1479.8
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	23.38%	
Energy Second Tier (kWh)	800	0.121	96.80	800	0.121	96.80	0.00	0.00%	36.63%	
<b>Sub-Total: Energy (RPP)</b>			<b>158.60</b>			<b>158.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>60.01%</b>	
TOU-Off Peak	910	0.087	79.17	910	0.087	79.17	0.00	0.00%		30.40%
TOU-Mid Peak	238	0.132	31.42	238	0.132	31.42	0.00	0.00%		12.06%
TOU-On Peak	252	0.180	45.36	252	0.180	45.36	0.00	0.00%		17.42%
<b>Sub-Total: Energy (TOU)</b>			<b>155.95</b>			<b>155.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>59.01%</b>	<b>59.88%</b>
Service Charge	1	22.29	22.29	1	24.78	24.78	2.49	11.17%	9.38%	9.52%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.69	0.69	1	0.72	0.72	0.03	4.35%	0.27%	0.28%
Distribution Volumetric Rate	1,400	0.0162	22.68	1,400	0.0094	13.16	-9.52	-41.98%	4.98%	5.05%
Volumetric Deferral/Variance Account Rider	1,400	-0.0002	-0.28	1,400	-0.0003	-0.42	-0.14	50.00%	-0.16%	-0.16%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>45.38</b>			<b>38.24</b>	<b>-7.14</b>	<b>-15.73%</b>	<b>14.47%</b>	<b>14.68%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.30%	0.30%
Line Losses on Cost of Power (based on two-tier RPP prices)	80	0.12	9.66	80	0.12	9.66	0.00	0.00%	3.65%	3.71%
Line Losses on Cost of Power (based on TOU prices)	80	0.11	8.89	80	0.11	8.89	0.00	0.00%	3.36%	3.41%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>55.83</b>			<b>48.69</b>	<b>-7.14</b>	<b>-12.79%</b>	<b>18.42%</b>	<b>18.70%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>55.06</b>			<b>47.92</b>	<b>-7.14</b>	<b>-12.97%</b>	<b>18.13%</b>	<b>18.40%</b>
Retail Transmission Rate – Network Service Rate	1,480	0.0069	10.21	1,480	0.0068	10.06	-0.15	-1.45%	3.81%	3.86%
Retail Transmission Rate – Line and Transformation Connection	1,480	0.0049	7.25	1,480	0.005	7.40	0.15	2.04%	2.80%	2.84%
<b>Sub-Total: Retail Transmission</b>			<b>17.46</b>			<b>17.46</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.61%</b>	<b>6.71%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>73.29</b>			<b>66.15</b>	<b>-7.14</b>	<b>-9.74%</b>	<b>25.03%</b>	<b>25.40%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>72.52</b>			<b>65.38</b>	<b>-7.14</b>	<b>-9.85%</b>	<b>24.74%</b>	<b>25.11%</b>
Wholesale Market Service Rate	1,480	0.0036	5.33	1,480	0.0036	5.33	0.00	0.00%	2.02%	2.05%
Rural Rate Protection Charge	1,480	0.0013	1.92	1,480	0.0013	1.92	0.00	0.00%	0.73%	0.74%
Ontario Electricity Support Program	1,480	0.0011	1.63	1,480	0.0011	1.63	0.00	0.00%	0.62%	0.63%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.09%	0.10%
<b>Sub-Total: Regulatory</b>			<b>9.13</b>			<b>9.13</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.45%</b>	<b>3.51%</b>
<b>Debt Retirement Charge (DRC)</b>	1,400	0.000	<b>0.00</b>	1,400	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>241.02</b>			<b>233.88</b>	<b>-7.14</b>	<b>-2.96%</b>	<b>88.50%</b>	
HST		0.13	31.33		0.13	30.40	-0.93	-2.96%	11.50%	
<b>Total Bill (including HST)</b>			<b>272.35</b>			<b>264.28</b>	<b>-8.07</b>	<b>-2.96%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>272.35</b>			<b>264.28</b>	<b>-8.07</b>	<b>-2.96%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>237.60</b>			<b>230.46</b>	<b>-7.14</b>	<b>-3.01%</b>		<b>88.50%</b>
HST		0.13	30.89		0.13	29.96	-0.93	-3.01%		11.50%
<b>Total Bill (including HST)</b>			<b>268.48</b>			<b>260.41</b>	<b>-8.07</b>	<b>-3.01%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>268.48</b>			<b>260.41</b>	<b>-8.07</b>	<b>-3.01%</b>		<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	R1
Monthly Consumption (kWh)	400
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	430.4
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	400	0.103	41.20	400	0.103	41.20	0.00	0.00%	38.03%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>41.20</b>			<b>41.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>38.03%</b>	
TOU-Off Peak	260	0.087	22.62	260	0.087	22.62	0.00	0.00%		20.12%
TOU-Mid Peak	68	0.132	8.98	68	0.132	8.98	0.00	0.00%		7.98%
TOU-On Peak	72	0.180	12.96	72	0.180	12.96	0.00	0.00%		11.53%
<b>Sub-Total: Energy (TOU)</b>			<b>44.56</b>			<b>44.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>41.12%</b>	<b>39.63%</b>
Service Charge	1	30.11	30.11	1	33.37	33.37	3.26	10.83%	30.80%	29.68%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.78	0.78	1	0.82	0.82	0.04	5.13%	0.76%	0.73%
Distribution Volumetric Rate	400	0.0299	11.96	400	0.0225	9.00	-2.96	-24.75%	8.31%	8.01%
Volumetric Deferral/Variance Account Rider	400	-0.0001	-0.04	400	-0.0002	-0.08	-0.04	100.00%	-0.07%	-0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>42.81</b>			<b>43.11</b>	<b>0.30</b>	<b>0.70%</b>	<b>39.79%</b>	<b>38.34%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.73%	0.70%
Line Losses on Cost of Power (based on two-tier RPP prices)	30	0.10	3.13	30	0.10	3.13	0.00	0.00%	2.89%	2.79%
Line Losses on Cost of Power (based on TOU prices)	30	0.11	3.39	30	0.11	3.39	0.00	0.00%	3.13%	3.01%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>46.73</b>			<b>47.03</b>	<b>0.30</b>	<b>0.64%</b>	<b>43.41%</b>	<b>41.83%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>46.99</b>			<b>47.29</b>	<b>0.30</b>	<b>0.64%</b>	<b>43.64%</b>	<b>42.06%</b>
Retail Transmission Rate – Network Service Rate	430	0.0068	2.93	430	0.0064	2.75	-0.17	-5.88%	2.54%	2.45%
Retail Transmission Rate – Line and Transformation Connection \$	430	0.0048	2.07	430	0.0048	2.07	0.00	0.00%	1.91%	1.84%
<b>Sub-Total: Retail Transmission</b>			<b>4.99</b>			<b>4.82</b>	<b>-0.17</b>	<b>-3.45%</b>	<b>4.45%</b>	<b>4.29%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>51.72</b>			<b>51.85</b>	<b>0.13</b>	<b>0.25%</b>	<b>47.86%</b>	<b>46.12%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>51.98</b>			<b>52.11</b>	<b>0.13</b>	<b>0.25%</b>	<b>48.09%</b>	<b>46.35%</b>
Wholesale Market Service Rate	430	0.0036	1.55	430	0.0036	1.55	0.00	0.00%	1.43%	1.38%
Rural Rate Protection Charge	430	0.0013	0.56	430	0.0013	0.56	0.00	0.00%	0.52%	0.50%
Ontario Electricity Support Program	430	0.0011	0.47	430	0.0011	0.47	0.00	0.00%	0.44%	0.42%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.23%	0.22%
<b>Sub-Total: Regulatory</b>			<b>2.83</b>			<b>2.83</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.61%</b>	<b>2.52%</b>
<b>Debt Retirement Charge (DRC)</b>	400	0.000	<b>0.00</b>	400	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>95.76</b>			<b>95.88</b>	<b>0.13</b>	<b>0.13%</b>	<b>88.50%</b>	
HST		0.13	12.45		0.13	12.46	0.02	0.13%	11.50%	
<b>Total Bill (including HST)</b>			<b>108.20</b>			<b>108.35</b>	<b>0.14</b>	<b>0.13%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>108.20</b>			<b>108.35</b>	<b>0.14</b>	<b>0.13%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>99.37</b>			<b>99.50</b>	<b>0.13</b>	<b>0.13%</b>		<b>88.50%</b>
HST		0.13	12.92		0.13	12.93	0.02	0.13%		11.50%
<b>Total Bill (including HST)</b>			<b>112.29</b>			<b>112.43</b>	<b>0.14</b>	<b>0.13%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>112.29</b>			<b>112.43</b>	<b>0.14</b>	<b>0.13%</b>		<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	R1
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	807
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	35.82%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	10.52%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.34%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		24.10%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		9.56%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		13.81%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.42%</b>	<b>47.47%</b>
Service Charge	1	30.11	30.11	1	33.37	33.37	3.26	10.83%	19.34%	18.96%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.78	0.78	1	0.82	0.82	0.04	5.13%	0.48%	0.47%
Distribution Volumetric Rate	750	0.0299	22.43	750	0.0225	16.88	-5.55	-24.75%	9.78%	9.59%
Volumetric Deferral/Variance Account Rider	750	-0.0001	-0.08	750	-0.0002	-0.15	-0.08	100.00%	-0.09%	-0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>53.24</b>			<b>50.92</b>	<b>-2.33</b>	<b>-4.37%</b>	<b>29.51%</b>	<b>28.93%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.46%	0.45%
Line Losses on Cost of Power (based on two-tier RPP prices)	57	0.12	6.90	57	0.12	6.90	0.00	0.00%	4.00%	3.92%
Line Losses on Cost of Power (based on TOU prices)	57	0.11	6.35	57	0.11	6.35	0.00	0.00%	3.68%	3.61%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>60.93</b>			<b>58.60</b>	<b>-2.33</b>	<b>-3.82%</b>	<b>33.97%</b>	<b>33.30%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>60.38</b>			<b>58.05</b>	<b>-2.33</b>	<b>-3.85%</b>	<b>33.65%</b>	<b>32.99%</b>
Retail Transmission Rate – Network Service Rate	807	0.0068	5.49	807	0.0064	5.16	-0.32	-5.88%	2.99%	2.94%
Retail Transmission Rate – Line and Transformation Connection	807	0.0048	3.87	807	0.0048	3.87	0.00	0.00%	2.25%	2.20%
<b>Sub-Total: Retail Transmission</b>			<b>9.36</b>			<b>9.04</b>	<b>-0.32</b>	<b>-3.45%</b>	<b>5.24%</b>	<b>5.14%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>70.29</b>			<b>67.64</b>	<b>-2.65</b>	<b>-3.77%</b>	<b>39.20%</b>	<b>38.44%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>69.74</b>			<b>67.09</b>	<b>-2.65</b>	<b>-3.80%</b>	<b>38.89%</b>	<b>38.13%</b>
Wholesale Market Service Rate	807	0.0036	2.91	807	0.0036	2.91	0.00	0.00%	1.68%	1.65%
Rural Rate Protection Charge	807	0.0013	1.05	807	0.0013	1.05	0.00	0.00%	0.61%	0.60%
Ontario Electricity Support Program	807	0.0011	0.89	807	0.0011	0.89	0.00	0.00%	0.51%	0.50%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.14%	0.14%
<b>Sub-Total: Regulatory</b>			<b>5.09</b>			<b>5.09</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.95%</b>	<b>2.89%</b>
<b>Debt Retirement Charge (DRC)</b>	750	0.000	<b>0.00</b>	750	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>155.33</b>			<b>152.68</b>	<b>-2.65</b>	<b>-1.70%</b>	<b>88.50%</b>	
HST		0.13	20.19		0.13	19.85	-0.34	-1.70%	11.50%	
<b>Total Bill (including HST)</b>			<b>175.52</b>			<b>172.53</b>	<b>-2.99</b>	<b>-1.70%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>175.52</b>			<b>172.53</b>	<b>-2.99</b>	<b>-1.70%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>158.37</b>			<b>155.73</b>	<b>-2.65</b>	<b>-1.67%</b>		<b>88.50%</b>
HST		0.13	20.59		0.13	20.24	-0.34	-1.67%		11.50%
<b>Total Bill (including HST)</b>			<b>178.96</b>			<b>175.97</b>	<b>-2.99</b>	<b>-1.67%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>178.96</b>			<b>175.97</b>	<b>-2.99</b>	<b>-1.67%</b>		<b>100.00%</b>



**2017 Bill Impacts (High Consumption Level)**

Rate Class	R1
Monthly Consumption (kWh)	1800
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	1936.8
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	16.46%	
Energy Second Tier (kWh)	1,200	0.121	145.20	1,200	0.121	145.20	0.00	0.00%	38.68%	
<b>Sub-Total: Energy (RPP)</b>			<b>207.00</b>			<b>207.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.14%</b>	
TOU-Off Peak	1,170	0.087	101.79	1,170	0.087	101.79	0.00	0.00%		27.77%
TOU-Mid Peak	306	0.132	40.39	306	0.132	40.39	0.00	0.00%		11.02%
TOU-On Peak	324	0.180	58.32	324	0.180	58.32	0.00	0.00%		15.91%
<b>Sub-Total: Energy (TOU)</b>			<b>200.50</b>			<b>200.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.41%</b>	<b>54.69%</b>
Service Charge	1	30.11	30.11	1	33.37	33.37	3.26	10.83%	8.89%	9.10%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.78	0.78	1	0.82	0.82	0.04	5.13%	0.22%	0.22%
Distribution Volumetric Rate	1,800	0.0299	53.82	1,800	0.0225	40.50	-13.32	-24.75%	10.79%	11.05%
Volumetric Deferral/Variance Account Rider	1,800	-0.0001	-0.18	1,800	-0.0002	-0.36	-0.18	100.00%	-0.10%	-0.10%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>84.53</b>			<b>74.33</b>	<b>-10.20</b>	<b>-12.07%</b>	<b>19.80%</b>	<b>20.28%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.21%	0.22%
Line Losses on Cost of Power (based on two-tier RPP prices)	137	0.12	16.55	137	0.12	16.55	0.00	0.00%	4.41%	4.52%
Line Losses on Cost of Power (based on TOU prices)	137	0.11	15.24	137	0.11	15.24	0.00	0.00%	4.06%	4.16%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>101.87</b>			<b>91.67</b>	<b>-10.20</b>	<b>-10.01%</b>	<b>24.42%</b>	<b>25.01%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>100.56</b>			<b>90.36</b>	<b>-10.20</b>	<b>-10.14%</b>	<b>24.07%</b>	<b>24.65%</b>
Retail Transmission Rate – Network Service Rate	1,937	0.0068	13.17	1,937	0.0064	12.40	-0.77	-5.88%	3.30%	3.38%
Retail Transmission Rate – Line and Transformation Connection \$	1,937	0.0048	9.30	1,937	0.0048	9.30	0.00	0.00%	2.48%	2.54%
<b>Sub-Total: Retail Transmission</b>			<b>22.47</b>			<b>21.69</b>	<b>-0.77</b>	<b>-3.45%</b>	<b>5.78%</b>	<b>5.92%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>124.34</b>			<b>113.36</b>	<b>-10.97</b>	<b>-8.83%</b>	<b>30.20%</b>	<b>30.92%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>123.03</b>			<b>112.05</b>	<b>-10.97</b>	<b>-8.92%</b>	<b>29.85%</b>	<b>30.56%</b>
Wholesale Market Service Rate	1,937	0.0036	6.97	1,937	0.0036	6.97	0.00	0.00%	1.86%	1.90%
Rural Rate Protection Charge	1,937	0.0013	2.52	1,937	0.0013	2.52	0.00	0.00%	0.67%	0.69%
Ontario Electricity Support Program	1,937	0.0011	2.13	1,937	0.0011	2.13	0.00	0.00%	0.57%	0.58%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.07%	0.07%
<b>Sub-Total: Regulatory</b>			<b>11.87</b>			<b>11.87</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.16%</b>	<b>3.24%</b>
<b>Debt Retirement Charge (DRC)</b>	1,800	0.000	<b>0.00</b>	1,800	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>343.21</b>			<b>332.24</b>	<b>-10.97</b>	<b>-3.20%</b>	<b>88.50%</b>	
HST		0.13	44.62		0.13	43.19	-1.43	-3.20%	11.50%	
<b>Total Bill (including HST)</b>			<b>387.83</b>			<b>375.43</b>	<b>-12.40</b>	<b>-3.20%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>387.83</b>			<b>375.43</b>	<b>-12.40</b>	<b>-3.20%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>335.40</b>			<b>324.42</b>	<b>-10.97</b>	<b>-3.27%</b>		<b>88.50%</b>
HST		0.13	43.60		0.13	42.18	-1.43	-3.27%		11.50%
<b>Total Bill (including HST)</b>			<b>379.00</b>			<b>366.60</b>	<b>-12.40</b>	<b>-3.27%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>379.00</b>			<b>366.60</b>	<b>-12.40</b>	<b>-3.27%</b>		<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	R2
Monthly Consumption (kWh)	450
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	497.25
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	450	0.103	46.35	450	0.103	46.35	0.00	0.00%	42.55%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>46.35</b>			<b>46.35</b>	<b>0.00</b>	<b>0.00%</b>	<b>42.55%</b>	
TOU-Off Peak	293	0.087	25.45	293	0.087	25.45	0.00	0.00%		22.39%
TOU-Mid Peak	77	0.132	10.10	77	0.132	10.10	0.00	0.00%		8.89%
TOU-On Peak	81	0.180	14.58	81	0.180	14.58	0.00	0.00%		12.83%
<b>Sub-Total: Energy (TOU)</b>			<b>50.13</b>			<b>50.13</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.02%</b>	<b>44.11%</b>
Service Charge	1	41.36	41.36	1	18.44	18.44	-22.92	-55.42%	16.93%	16.23%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.27	1.27	1	1.35	1.35	0.08	6.30%	1.24%	1.19%
Distribution Volumetric Rate	450	0.0426	19.17	450	0.0352	15.84	-3.33	-17.37%	14.54%	13.94%
Volumetric Deferral/Variance Account Rider	450	0.0001	0.05	450	0	0.00	-0.05	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>61.85</b>			<b>35.63</b>	<b>-26.22</b>	<b>-42.39%</b>	<b>32.71%</b>	<b>31.35%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.73%	0.70%
Line Losses on Cost of Power (based on two-tier RPP prices)	47	0.10	4.87	47	0.10	4.87	0.00	0.00%	4.47%	4.28%
Line Losses on Cost of Power (based on TOU prices)	47	0.11	5.26	47	0.11	5.26	0.00	0.00%	4.83%	4.63%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>67.50</b>			<b>41.29</b>	<b>-26.22</b>	<b>-38.84%</b>	<b>37.91%</b>	<b>36.33%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>67.90</b>			<b>41.68</b>	<b>-26.22</b>	<b>-38.61%</b>	<b>38.27%</b>	<b>36.68%</b>
Retail Transmission Rate – Network Service Rate	497	0.0065	3.23	497	0.0064	3.18	-0.05	-1.54%	2.92%	2.80%
Retail Transmission Rate – Line and Transformation Connection \$	497	0.0046	2.29	497	0.0047	2.34	0.05	2.17%	2.15%	2.06%
<b>Sub-Total: Retail Transmission</b>			<b>5.52</b>			<b>5.52</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.07%</b>	<b>4.86%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>73.02</b>			<b>46.81</b>	<b>-26.22</b>	<b>-35.90%</b>	<b>42.97%</b>	<b>41.19%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>73.42</b>			<b>47.20</b>	<b>-26.22</b>	<b>-35.71%</b>	<b>43.34%</b>	<b>41.54%</b>
Wholesale Market Service Rate	497	0.0036	1.79	497	0.0036	1.79	0.00	0.00%	1.64%	1.58%
Rural Rate Protection Charge	497	0.0013	0.65	497	0.0013	0.65	0.00	0.00%	0.59%	0.57%
Ontario Electricity Support Program	497	0.0011	0.55	497	0.0011	0.55	0.00	0.00%	0.50%	0.48%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.23%	0.22%
<b>Sub-Total: Regulatory</b>			<b>3.23</b>			<b>3.23</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.97%</b>	<b>2.85%</b>
<b>Debt Retirement Charge (DRC)</b>	450	0.000	<b>0.00</b>	450	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>122.60</b>			<b>96.39</b>	<b>-26.22</b>	<b>-21.38%</b>	<b>88.50%</b>	
HST		0.13	15.94		0.13	12.53	-3.41	-21.38%	11.50%	
<b>Total Bill (including HST)</b>			<b>138.54</b>			<b>108.92</b>	<b>-29.62</b>	<b>-21.38%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>138.54</b>			<b>108.92</b>	<b>-29.62</b>	<b>-21.38%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>126.78</b>			<b>100.56</b>	<b>-26.22</b>	<b>-20.68%</b>		<b>88.50%</b>
HST		0.13	16.48		0.13	13.07	-3.41	-20.68%		11.50%
<b>Total Bill (including HST)</b>			<b>143.26</b>			<b>113.63</b>	<b>-29.62</b>	<b>-20.68%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>143.26</b>			<b>113.63</b>	<b>-29.62</b>	<b>-20.68%</b>		<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	R2
Monthly Consumption (kWh)	750
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	828.75
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	36.25%	
Energy Second Tier (kWh)	150	0.121	18.15	150	0.121	18.15	0.00	0.00%	10.65%	
<b>Sub-Total: Energy (RPP)</b>			<b>79.95</b>			<b>79.95</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.89%</b>	
TOU-Off Peak	488	0.087	42.41	488	0.087	42.41	0.00	0.00%		24.42%
TOU-Mid Peak	128	0.132	16.83	128	0.132	16.83	0.00	0.00%		9.69%
TOU-On Peak	135	0.180	24.30	135	0.180	24.30	0.00	0.00%		13.99%
<b>Sub-Total: Energy (TOU)</b>			<b>83.54</b>			<b>83.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>49.00%</b>	<b>48.10%</b>
Service Charge	1	41.36	41.36	1	18.44	18.44	-22.92	-55.42%	10.82%	10.62%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.27	1.27	1	1.35	1.35	0.08	6.30%	0.79%	0.78%
Distribution Volumetric Rate	750	0.0426	31.95	750	0.0352	26.40	-5.55	-17.37%	15.48%	15.20%
Volumetric Deferral/Variance Account Rider	750	0.0001	0.08	750	0	0.00	-0.08	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>74.66</b>			<b>46.19</b>	<b>-28.47</b>	<b>-38.13%</b>	<b>27.09%</b>	<b>26.59%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.46%	0.45%
Line Losses on Cost of Power (based on two-tier RPP prices)	79	0.12	9.53	79	0.12	9.53	0.00	0.00%	5.59%	5.49%
Line Losses on Cost of Power (based on TOU prices)	79	0.11	8.77	79	0.11	8.77	0.00	0.00%	5.15%	5.05%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>84.97</b>			<b>56.51</b>	<b>-28.47</b>	<b>-33.50%</b>	<b>33.14%</b>	<b>32.53%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>84.22</b>			<b>55.75</b>	<b>-28.47</b>	<b>-33.80%</b>	<b>32.70%</b>	<b>32.10%</b>
Retail Transmission Rate – Network Service Rate	829	0.0065	5.39	829	0.0064	5.30	-0.08	-1.54%	3.11%	3.05%
Retail Transmission Rate – Line and Transformation Connection	829	0.0046	3.81	829	0.0047	3.90	0.08	2.17%	2.28%	2.24%
<b>Sub-Total: Retail Transmission</b>			<b>9.20</b>			<b>9.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.40%</b>	<b>5.30%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>94.17</b>			<b>65.71</b>	<b>-28.47</b>	<b>-30.23%</b>	<b>38.54%</b>	<b>37.83%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>93.42</b>			<b>64.95</b>	<b>-28.47</b>	<b>-30.47%</b>	<b>38.10%</b>	<b>37.39%</b>
Wholesale Market Service Rate	829	0.0036	2.98	829	0.0036	2.98	0.00	0.00%	1.75%	1.72%
Rural Rate Protection Charge	829	0.0013	1.08	829	0.0013	1.08	0.00	0.00%	0.63%	0.62%
Ontario Electricity Support Program	829	0.0011	0.91	829	0.0011	0.91	0.00	0.00%	0.53%	0.52%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.15%	0.14%
<b>Sub-Total: Regulatory</b>			<b>5.22</b>			<b>5.22</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.06%</b>	<b>3.01%</b>
<b>Debt Retirement Charge (DRC)</b>	750	0.000	<b>0.00</b>	750	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>179.35</b>			<b>150.88</b>	<b>-28.47</b>	<b>-15.87%</b>	<b>88.50%</b>	
HST		0.13	23.31		0.13	19.61	-3.70	-15.87%	11.50%	
<b>Total Bill (including HST)</b>			<b>202.66</b>			<b>170.49</b>	<b>-32.17</b>	<b>-15.87%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>202.66</b>			<b>170.49</b>	<b>-32.17</b>	<b>-15.87%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>182.18</b>			<b>153.72</b>	<b>-28.47</b>	<b>-15.62%</b>		<b>88.50%</b>
HST		0.13	23.68		0.13	19.98	-3.70	-15.62%		11.50%
<b>Total Bill (including HST)</b>			<b>205.86</b>			<b>173.70</b>	<b>-32.17</b>	<b>-15.62%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>205.86</b>			<b>173.70</b>	<b>-32.17</b>	<b>-15.62%</b>		<b>100.00%</b>

**2017 Bill Impacts (High Consumption Level)**

Rate Class	R2
Monthly Consumption (kWh)	2300
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	2541.5
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	12.37%	
Energy Second Tier (kWh)	1,700	0.121	205.70	1,700	0.121	205.70	0.00	0.00%	41.19%	
<b>Sub-Total: Energy (RPP)</b>			<b>267.50</b>			<b>267.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.56%</b>	
TOU-Off Peak	1,495	0.087	130.07	1,495	0.087	130.07	0.00	0.00%		26.87%
TOU-Mid Peak	391	0.132	51.61	391	0.132	51.61	0.00	0.00%		10.66%
TOU-On Peak	414	0.180	74.52	414	0.180	74.52	0.00	0.00%		15.40%
<b>Sub-Total: Energy (TOU)</b>			<b>256.20</b>			<b>256.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.30%</b>	<b>52.93%</b>
Service Charge	1	41.36	41.36	1	18.44	18.44	-22.92	-55.42%	3.69%	3.81%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.27	1.27	1	1.35	1.35	0.08	6.30%	0.27%	0.28%
Distribution Volumetric Rate	2,300	0.0426	97.98	2,300	0.0352	80.96	-17.02	-17.37%	16.21%	16.73%
Volumetric Deferral/Variance Account Rider	2,300	0.0001	0.23	2,300	0	0.00	-0.23	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>140.84</b>			<b>100.75</b>	<b>-40.09</b>	<b>-28.46%</b>	<b>20.17%</b>	<b>20.81%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.16%	0.16%
Line Losses on Cost of Power (based on two-tier RPP prices)	242	0.12	29.22	242	0.12	29.22	0.00	0.00%	5.85%	6.04%
Line Losses on Cost of Power (based on TOU prices)	242	0.11	26.90	242	0.11	26.90	0.00	0.00%	5.39%	5.56%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>170.85</b>			<b>130.76</b>	<b>-40.09</b>	<b>-23.46%</b>	<b>26.18%</b>	<b>27.02%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>168.53</b>			<b>128.44</b>	<b>-40.09</b>	<b>-23.79%</b>	<b>25.72%</b>	<b>26.54%</b>
Retail Transmission Rate – Network Service Rate	2,542	0.0065	16.52	2,542	0.0064	16.27	-0.25	-1.54%	3.26%	3.36%
Retail Transmission Rate – Line and Transformation Connection	2,542	0.0046	11.69	2,542	0.0047	11.95	0.25	2.17%	2.39%	2.47%
<b>Sub-Total: Retail Transmission</b>			<b>28.21</b>			<b>28.21</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.65%</b>	<b>5.83%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>199.06</b>			<b>158.97</b>	<b>-40.09</b>	<b>-20.14%</b>	<b>31.83%</b>	<b>32.84%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>196.74</b>			<b>156.65</b>	<b>-40.09</b>	<b>-20.38%</b>	<b>31.37%</b>	<b>32.36%</b>
Wholesale Market Service Rate	2,542	0.0036	9.15	2,542	0.0036	9.15	0.00	0.00%	1.83%	1.89%
Rural Rate Protection Charge	2,542	0.0013	3.30	2,542	0.0013	3.30	0.00	0.00%	0.66%	0.68%
Ontario Electricity Support Program	2,542	0.0011	2.80	2,542	0.0011	2.80	0.00	0.00%	0.56%	0.58%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>15.50</b>			<b>15.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.10%</b>	<b>3.20%</b>
<b>Debt Retirement Charge (DRC)</b>	2,300	0.000	<b>0.00</b>	2,300	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>482.06</b>			<b>441.97</b>	<b>-40.09</b>	<b>-8.32%</b>	<b>88.50%</b>	
HST		0.13	62.67		0.13	57.46	-5.21	-8.32%	11.50%	
<b>Total Bill (including HST)</b>			<b>544.73</b>			<b>499.43</b>	<b>-45.30</b>	<b>-8.32%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>544.73</b>			<b>499.43</b>	<b>-45.30</b>	<b>-8.32%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>468.44</b>			<b>428.35</b>	<b>-40.09</b>	<b>-8.56%</b>		<b>88.50%</b>
HST		0.13	60.90		0.13	55.69	-5.21	-8.56%		11.50%
<b>Total Bill (including HST)</b>			<b>529.33</b>			<b>484.03</b>	<b>-45.30</b>	<b>-8.56%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>529.33</b>			<b>484.03</b>	<b>-45.30</b>	<b>-8.56%</b>		<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	SeasonalUR	UR
Monthly Consumption (kWh)	50	
Peak (kW)	0	
Loss factor - Seasonal	1.104	
Loss factor - UR	1.057	
Commodity Threshold	600	
Monthly Consumption (kWh) - Uplifted - Seasonal	55	
Monthly Consumption (kWh) - Uplifted - UR	53	
Charge determinant	kWh	

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	50	0.103	5.15	50	0.103	5.15	0.00	0.00%	13.65%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>5.15</b>			<b>5.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>13.65%</b>	
TOU-Off Peak	33	0.087	2.83	33	0.087	2.83	0.00	0.00%		7.40%
TOU-Mid Peak	9	0.132	1.12	9	0.132	1.12	0.00	0.00%		2.94%
TOU-On Peak	9	0.180	1.62	9	0.180	1.62	0.00	0.00%		4.24%
<b>Sub-Total: Energy (TOU)</b>			<b>5.57</b>			<b>5.57</b>	<b>0.00</b>	<b>0.00%</b>	<b>14.77%</b>	<b>14.57%</b>
Service Charge	1	32.47	32.47	1	24.78	24.78	-7.69	-23.68%	65.70%	64.84%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.8	0.80	1	0.72	0.72	-0.08	-10.00%	1.91%	1.88%
Distribution Volumetric Rate	50	0.0748	3.74	50	0.0094	0.47	-3.27	-87.43%	1.25%	1.23%
Volumetric Deferral/Variance Account Rider	50	0.0005	0.03	50	-0.0003	-0.02	-0.04	-160.00%	-0.04%	-0.04%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>37.04</b>			<b>25.96</b>	<b>-11.08</b>	<b>-29.92%</b>	<b>68.81%</b>	<b>67.91%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	2.09%	2.07%
Line Losses on Cost of Power (based on two-tier RPP prices)	5	0.10	0.54	3	0.10	0.29	-0.24	-45.19%	0.78%	0.77%
Line Losses on Cost of Power (based on TOU prices)	5	0.11	0.58	3	0.11	0.32	-0.26	-45.19%	0.84%	0.83%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>38.36</b>			<b>27.04</b>	<b>-11.32</b>	<b>-29.51%</b>	<b>71.68%</b>	<b>70.75%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>38.40</b>			<b>27.06</b>	<b>-11.34</b>	<b>-29.53%</b>	<b>71.75%</b>	<b>70.81%</b>
Retail Transmission Rate – Network Service Rate	55	0.0056	0.31	53	0.0068	0.36	0.05	16.26%	0.95%	0.94%
Retail Transmission Rate – Line and Transformation Connection S	55	0.0042	0.23	53	0.005	0.26	0.03	13.98%	0.70%	0.69%
<b>Sub-Total: Retail Transmission</b>			<b>0.54</b>			<b>0.62</b>	<b>0.08</b>	<b>15.28%</b>	<b>1.65%</b>	<b>1.63%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>38.90</b>			<b>27.66</b>	<b>-11.24</b>	<b>-28.89%</b>	<b>73.34%</b>	<b>72.38%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>38.95</b>			<b>27.69</b>	<b>-11.26</b>	<b>-28.91%</b>	<b>73.40%</b>	<b>72.44%</b>
Wholesale Market Service Rate	55	0.0036	0.20	53	0.0036	0.19	-0.01	-4.26%	0.50%	0.50%
Rural Rate Protection Charge	55	0.0013	0.07	53	0.0013	0.07	0.00	-4.26%	0.18%	0.18%
Ontario Electricity Support Program	55	0.0011	0.06	53	0.0011	0.06	0.00	-4.26%	0.15%	0.15%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.66%	0.65%
<b>Sub-Total: Regulatory</b>			<b>0.58</b>			<b>0.57</b>	<b>-0.01</b>	<b>-2.43%</b>	<b>1.50%</b>	<b>1.48%</b>
Debt Retirement Charge (DRC)	50	0.000	0.00	50	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>44.63</b>			<b>33.38</b>	<b>-11.25</b>	<b>-25.21%</b>	<b>88.50%</b>	
HST		0.13	5.80		0.13	4.34	-1.46	-25.21%	11.50%	
<b>Total Bill (including HST)</b>			<b>50.44</b>			<b>37.72</b>	<b>-12.72</b>	<b>-25.21%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>50.44</b>			<b>37.72</b>	<b>-12.72</b>	<b>-25.21%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>45.10</b>			<b>33.82</b>	<b>-11.27</b>	<b>-25.00%</b>		<b>88.50%</b>
HST		0.13	5.86		0.13	4.40	-1.47	-25.00%		11.50%
<b>Total Bill (including HST)</b>			<b>50.96</b>			<b>38.22</b>	<b>-12.74</b>	<b>-25.00%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>50.96</b>			<b>38.22</b>	<b>-12.74</b>	<b>-25.00%</b>		<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	SeasonalUR	UR
Monthly Consumption (kWh)	350	
Peak (kW)	0	
Loss factor - Seasonal	1.104	
Loss factor - UR	1.057	
Commodity Threshold	600	
Monthly Consumption (kWh) - Uplifted - Seasonal	386	
Monthly Consumption (kWh) - Uplifted - UR	370	
Charge determinant	kWh	

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	350	0.103	36.05	350	0.103	36.05	0.00	0.00%	42.87%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.05</b>			<b>36.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>42.87%</b>	
TOU-Off Peak	228	0.087	19.79	228	0.087	19.79	0.00	0.00%		22.60%
TOU-Mid Peak	60	0.132	7.85	60	0.132	7.85	0.00	0.00%		8.97%
TOU-On Peak	63	0.180	11.34	63	0.180	11.34	0.00	0.00%		12.95%
<b>Sub-Total: Energy (TOU)</b>			<b>38.99</b>			<b>38.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.36%</b>	<b>44.51%</b>
Service Charge	1	32.47	32.47	1	24.78	24.78	-7.69	-23.68%	29.47%	28.29%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.8	0.80	1	0.72	0.72	-0.08	-10.00%	0.86%	0.82%
Distribution Volumetric Rate	350	0.0748	26.18	350	0.0094	3.29	-22.89	-87.43%	3.91%	3.76%
Volumetric Deferral/Variance Account Rider	350	0.0005	0.18	350	-0.0003	-0.11	-0.28	-160.00%	-0.12%	-0.12%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>59.63</b>			<b>28.69</b>	<b>-30.94</b>	<b>-51.89%</b>	<b>34.11%</b>	<b>32.75%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.94%	0.90%
Line Losses on Cost of Power (based on two-tier RPP prices)	36	0.10	3.75	20	0.10	2.05	-1.69	-45.19%	2.44%	2.35%
Line Losses on Cost of Power (based on TOU prices)	36	0.11	4.05	20	0.11	2.22	-1.83	-45.19%	2.64%	2.54%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>64.16</b>			<b>31.53</b>	<b>-32.63</b>	<b>-50.86%</b>	<b>37.50%</b>	<b>35.99%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>64.47</b>			<b>31.70</b>	<b>-32.77</b>	<b>-50.83%</b>	<b>37.69%</b>	<b>36.19%</b>
Retail Transmission Rate – Network Service Rate	386	0.0056	2.16	370	0.0068	2.52	0.35	16.26%	2.99%	2.87%
Retail Transmission Rate – Line and Transformation Connection \$	386	0.0042	1.62	370	0.005	1.85	0.23	13.98%	2.20%	2.11%
<b>Sub-Total: Retail Transmission</b>			<b>3.79</b>			<b>4.37</b>	<b>0.58</b>	<b>15.28%</b>	<b>5.19%</b>	<b>4.98%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>67.95</b>			<b>35.90</b>	<b>-32.06</b>	<b>-47.17%</b>	<b>42.69%</b>	<b>40.98%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>68.26</b>			<b>36.06</b>	<b>-32.19</b>	<b>-47.17%</b>	<b>42.89%</b>	<b>41.17%</b>
Wholesale Market Service Rate	386	0.0036	1.39	370	0.0036	1.33	-0.06	-4.26%	1.58%	1.52%
Rural Rate Protection Charge	386	0.0013	0.50	370	0.0013	0.48	-0.02	-4.26%	0.57%	0.55%
Ontario Electricity Support Program	386	0.0011	0.43	370	0.0011	0.41	-0.02	-4.26%	0.48%	0.46%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.30%	0.29%
<b>Sub-Total: Regulatory</b>			<b>2.57</b>			<b>2.47</b>	<b>-0.10</b>	<b>-3.84%</b>	<b>2.94%</b>	<b>2.82%</b>
Debt Retirement Charge (DRC)	350	0.000	0.00	350	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>106.57</b>			<b>74.41</b>	<b>-32.15</b>	<b>-30.17%</b>	<b>88.50%</b>	
HST		0.13	13.85		0.13	9.67	-4.18	-30.17%	11.50%	
<b>Total Bill (including HST)</b>			<b>120.42</b>			<b>84.09</b>	<b>-36.33</b>	<b>-30.17%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>120.42</b>			<b>84.09</b>	<b>-36.33</b>	<b>-30.17%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>109.81</b>			<b>77.52</b>	<b>-32.29</b>	<b>-29.41%</b>		<b>88.50%</b>
HST		0.13	14.28		0.13	10.08	-4.20	-29.41%		11.50%
<b>Total Bill (including HST)</b>			<b>124.09</b>			<b>87.60</b>	<b>-36.49</b>	<b>-29.41%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>124.09</b>			<b>87.60</b>	<b>-36.49</b>	<b>-29.41%</b>		<b>100.00%</b>



**2017 Bill Impacts (High Consumption Level)**

Rate Class	SeasonalUR	UR
Monthly Consumption (kWh)	1000	
Peak (kW)	0	
Loss factor - Seasonal	1.104	
Loss factor - UR	1.057	
Commodity Threshold	600	
Monthly Consumption (kWh) - Uplifted - Seasonal	1104	
Monthly Consumption (kWh) - Uplifted - UR	1057	
Charge determinant	kWh	

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	31.88%	
Energy Second Tier (kWh)	400	0.121	48.40	400	0.121	48.40	0.00	0.00%	24.97%	
<b>Sub-Total: Energy (RPP)</b>			<b>110.20</b>			<b>110.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.85%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		29.06%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		11.53%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		16.65%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.46%</b>	<b>57.25%</b>
Service Charge	1	32.47	32.47	1	24.78	24.78	-7.69	-23.68%	12.78%	12.74%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.8	0.80	1	0.72	0.72	-0.08	-10.00%	0.37%	0.37%
Distribution Volumetric Rate	1,000	0.0748	74.80	1,000	0.0094	9.40	-65.40	-87.43%	4.85%	4.83%
Volumetric Deferral/Variance Account Rider	1,000	0.0005	0.50	1,000	-0.0003	-0.30	-0.80	-160.00%	-0.15%	-0.15%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>108.57</b>			<b>34.60</b>	<b>-73.97</b>	<b>-68.13%</b>	<b>17.85%</b>	<b>17.78%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.41%	0.41%
Line Losses on Cost of Power (based on two-tier RPP prices)	104	0.12	12.58	57	0.12	6.90	-5.69	-45.19%	3.56%	3.54%
Line Losses on Cost of Power (based on TOU prices)	104	0.11	11.58	57	0.11	6.35	-5.24	-45.19%	3.28%	3.26%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>121.94</b>			<b>42.29</b>	<b>-79.66</b>	<b>-65.32%</b>	<b>21.81%</b>	<b>21.73%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>120.94</b>			<b>41.74</b>	<b>-79.21</b>	<b>-65.49%</b>	<b>21.53%</b>	<b>21.45%</b>
Retail Transmission Rate – Network Service Rate	1,104	0.0056	6.18	1,057	0.0068	7.19	1.01	16.26%	3.71%	3.69%
Retail Transmission Rate – Line and Transformation Connection \$	1,104	0.0042	4.64	1,057	0.005	5.29	0.65	13.98%	2.73%	2.72%
<b>Sub-Total: Retail Transmission</b>			<b>10.82</b>			<b>12.47</b>	<b>1.65</b>	<b>15.28%</b>	<b>6.43%</b>	<b>6.41%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>132.76</b>			<b>54.76</b>	<b>-78.00</b>	<b>-58.75%</b>	<b>28.25%</b>	<b>28.14%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>131.76</b>			<b>54.21</b>	<b>-77.55</b>	<b>-58.86%</b>	<b>27.97%</b>	<b>27.86%</b>
Wholesale Market Service Rate	1,104	0.0036	3.97	1,057	0.0036	3.81	-0.17	-4.26%	1.96%	1.96%
Rural Rate Protection Charge	1,104	0.0013	1.44	1,057	0.0013	1.37	-0.06	-4.26%	0.71%	0.71%
Ontario Electricity Support Program	1,104	0.0011	1.21	1,057	0.0011	1.16	-0.05	-4.26%	0.60%	0.60%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.13%	0.13%
<b>Sub-Total: Regulatory</b>			<b>6.87</b>			<b>6.59</b>	<b>-0.28</b>	<b>-4.10%</b>	<b>3.40%</b>	<b>3.39%</b>
Debt Retirement Charge (DRC)	1,000	0.000	0.00	1,000	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>249.84</b>			<b>171.55</b>	<b>-78.29</b>	<b>-31.33%</b>	<b>88.50%</b>	
HST		0.13	32.48		0.13	22.30	-10.18	-31.33%	11.50%	
<b>Total Bill (including HST)</b>			<b>282.32</b>			<b>193.85</b>	<b>-88.46</b>	<b>-31.33%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>282.32</b>			<b>193.85</b>	<b>-88.46</b>	<b>-31.33%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>250.03</b>			<b>172.19</b>	<b>-77.83</b>	<b>-31.13%</b>		<b>88.50%</b>
HST		0.13	32.50		0.13	22.39	-10.12	-31.13%		11.50%
<b>Total Bill (including HST)</b>			<b>282.53</b>			<b>194.58</b>	<b>-87.95</b>	<b>-31.13%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>282.53</b>			<b>194.58</b>	<b>-87.95</b>	<b>-31.13%</b>		<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	SeasonalR1	R1
Monthly Consumption (kWh)	50	
Peak (kW)	0	
Loss factor - Seasonal	1.104	
Loss factor - UR	1.076	
Commodity Threshold	600	
Monthly Consumption (kWh) - Uplifted - Seasonal	55	
Monthly Consumption (kWh) - Uplifted - UR	54	
Charge determinant	kWh	

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	50	0.103	5.15	50	0.103	5.15	0.00	0.00%	10.65%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>5.15</b>			<b>5.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>10.65%</b>	
TOU-Off Peak	33	0.087	2.83	33	0.087	2.83	0.00	0.00%		5.78%
TOU-Mid Peak	9	0.132	1.12	9	0.132	1.12	0.00	0.00%		2.30%
TOU-On Peak	9	0.180	1.62	9	0.180	1.62	0.00	0.00%		3.31%
<b>Sub-Total: Energy (TOU)</b>			<b>5.57</b>			<b>5.57</b>	<b>0.00</b>	<b>0.00%</b>	<b>11.51%</b>	<b>11.39%</b>
Service Charge	1	32.47	32.47	1	33.37	33.37	0.90	2.77%	68.98%	68.26%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.8	0.80	1	0.82	0.82	0.02	2.50%	1.70%	1.68%
Distribution Volumetric Rate	50	0.0748	3.74	50	0.0225	1.13	-2.62	-69.92%	2.33%	2.30%
Volumetric Deferral/Variance Account Rider	50	0.0005	0.03	50	-0.0002	-0.01	-0.04	-140.00%	-0.02%	-0.02%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>37.04</b>			<b>35.31</b>	<b>-1.73</b>	<b>-4.67%</b>	<b>72.98%</b>	<b>72.22%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.63%	1.62%
Line Losses on Cost of Power (based on two-tier RPP prices)	5	0.10	0.54	4	0.10	0.39	-0.14	-26.92%	0.81%	0.80%
Line Losses on Cost of Power (based on TOU prices)	5	0.11	0.58	4	0.11	0.42	-0.16	-26.92%	0.87%	0.87%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>38.36</b>			<b>36.49</b>	<b>-1.87</b>	<b>-4.89%</b>	<b>75.42%</b>	<b>74.63%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>38.40</b>			<b>36.52</b>	<b>-1.89</b>	<b>-4.91%</b>	<b>75.49%</b>	<b>74.70%</b>
Retail Transmission Rate – Network Service Rate	55	0.0056	0.31	54	0.0064	0.34	0.04	11.39%	0.71%	0.70%
Retail Transmission Rate – Line and Transformation Connection \$	55	0.0042	0.23	54	0.0048	0.26	0.03	11.39%	0.53%	0.53%
<b>Sub-Total: Retail Transmission</b>			<b>0.54</b>			<b>0.60</b>	<b>0.06</b>	<b>11.39%</b>	<b>1.25%</b>	<b>1.23%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>38.90</b>			<b>37.09</b>	<b>-1.81</b>	<b>-4.66%</b>	<b>76.67%</b>	<b>75.87%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>38.95</b>			<b>37.12</b>	<b>-1.82</b>	<b>-4.68%</b>	<b>76.73%</b>	<b>75.93%</b>
Wholesale Market Service Rate	55	0.0036	0.20	54	0.0036	0.19	-0.01	-2.54%	0.40%	0.40%
Rural Rate Protection Charge	55	0.0013	0.07	54	0.0013	0.07	0.00	-2.54%	0.14%	0.14%
Ontario Electricity Support Program	55	0.0011	0.06	54	0.0011	0.06	0.00	-2.54%	0.12%	0.12%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.52%	0.51%
<b>Sub-Total: Regulatory</b>			<b>0.58</b>			<b>0.57</b>	<b>-0.01</b>	<b>-1.45%</b>	<b>1.18%</b>	<b>1.17%</b>
Debt Retirement Charge (DRC)	50	0.000	0.00	50	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>44.63</b>			<b>42.81</b>	<b>-1.82</b>	<b>-4.08%</b>	<b>88.50%</b>	
HST		0.13	5.80		0.13	5.57	-0.24	-4.08%	11.50%	
<b>Total Bill (including HST)</b>			<b>50.44</b>			<b>48.38</b>	<b>-2.06</b>	<b>-4.08%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>50.44</b>			<b>48.38</b>	<b>-2.06</b>	<b>-4.08%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>45.10</b>			<b>43.26</b>	<b>-1.83</b>	<b>-4.06%</b>		<b>88.50%</b>
HST		0.13	5.86		0.13	5.62	-0.24	-4.06%		11.50%
<b>Total Bill (including HST)</b>			<b>50.96</b>			<b>48.89</b>	<b>-2.07</b>	<b>-4.06%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>50.96</b>			<b>48.89</b>	<b>-2.07</b>	<b>-4.06%</b>		<b>100.00%</b>



**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	SeasonalR1	R1
Monthly Consumption (kWh)	350	
Peak (kW)	0	
Loss factor - Seasonal	1.104	
Loss factor - UR	1.076	
Commodity Threshold	600	
Monthly Consumption (kWh) - Uplifted - Seasonal	386	
Monthly Consumption (kWh) - Uplifted - UR	377	
Charge determinant	kWh	

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	350	0.103	36.05	350	0.103	36.05	0.00	0.00%	36.13%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.05</b>			<b>36.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>36.13%</b>	
TOU-Off Peak	228	0.087	19.79	228	0.087	19.79	0.00	0.00%		19.15%
TOU-Mid Peak	60	0.132	7.85	60	0.132	7.85	0.00	0.00%		7.60%
TOU-On Peak	63	0.180	11.34	63	0.180	11.34	0.00	0.00%		10.97%
<b>Sub-Total: Energy (TOU)</b>			<b>38.99</b>			<b>38.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>39.07%</b>	<b>37.72%</b>
Service Charge	1	32.47	32.47	1	33.37	33.37	0.90	2.77%	33.44%	32.29%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.8	0.80	1	0.82	0.82	0.02	2.50%	0.82%	0.79%
Distribution Volumetric Rate	350	0.0748	26.18	350	0.0225	7.88	-18.31	-69.92%	7.89%	7.62%
Volumetric Deferral/Variance Account Rider	350	0.0005	0.18	350	-0.0002	-0.07	-0.25	-140.00%	-0.07%	-0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>59.63</b>			<b>42.00</b>	<b>-17.63</b>	<b>-29.57%</b>	<b>42.09%</b>	<b>40.63%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.79%	0.76%
Line Losses on Cost of Power (based on two-tier RPP prices)	36	0.10	3.75	27	0.10	2.74	-1.01	-26.92%	2.75%	2.65%
Line Losses on Cost of Power (based on TOU prices)	36	0.11	4.05	27	0.11	2.96	-1.09	-26.92%	2.97%	2.87%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>64.16</b>			<b>45.52</b>	<b>-18.64</b>	<b>-29.05%</b>	<b>45.62%</b>	<b>44.05%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>64.47</b>			<b>45.75</b>	<b>-18.72</b>	<b>-29.04%</b>	<b>45.85%</b>	<b>44.26%</b>
Retail Transmission Rate – Network Service Rate	386	0.0056	2.16	377	0.0064	2.41	0.25	11.39%	2.42%	2.33%
Retail Transmission Rate – Line and Transformation Connection \$	386	0.0042	1.62	377	0.0048	1.81	0.18	11.39%	1.81%	1.75%
<b>Sub-Total: Retail Transmission</b>			<b>3.79</b>			<b>4.22</b>	<b>0.43</b>	<b>11.39%</b>	<b>4.23%</b>	<b>4.08%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>67.95</b>			<b>49.74</b>	<b>-18.21</b>	<b>-26.80%</b>	<b>49.85%</b>	<b>48.13%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>68.26</b>			<b>49.97</b>	<b>-18.29</b>	<b>-26.80%</b>	<b>50.08%</b>	<b>48.35%</b>
Wholesale Market Service Rate	386	0.0036	1.39	377	0.0036	1.36	-0.04	-2.54%	1.36%	1.31%
Rural Rate Protection Charge	386	0.0013	0.50	377	0.0013	0.49	-0.01	-2.54%	0.49%	0.47%
Ontario Electricity Support Program	386	0.0011	0.43	377	0.0011	0.41	-0.01	-2.54%	0.42%	0.40%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.25%	0.24%
<b>Sub-Total: Regulatory</b>			<b>2.57</b>			<b>2.51</b>	<b>-0.06</b>	<b>-2.29%</b>	<b>2.52%</b>	<b>2.43%</b>
Debt Retirement Charge (DRC)	350	0.000	0.00	350	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>106.57</b>			<b>88.30</b>	<b>-18.27</b>	<b>-17.14%</b>	<b>88.50%</b>	
HST		0.13	13.85		0.13	11.48	-2.37	-17.14%	11.50%	
<b>Total Bill (including HST)</b>			<b>120.42</b>			<b>99.78</b>	<b>-20.64</b>	<b>-17.14%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>120.42</b>			<b>99.78</b>	<b>-20.64</b>	<b>-17.14%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>109.81</b>			<b>91.46</b>	<b>-18.35</b>	<b>-16.71%</b>		<b>88.50%</b>
HST		0.13	14.28		0.13	11.89	-2.39	-16.71%		11.50%
<b>Total Bill (including HST)</b>			<b>124.09</b>			<b>103.35</b>	<b>-20.73</b>	<b>-16.71%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>124.09</b>			<b>103.35</b>	<b>-20.73</b>	<b>-16.71%</b>		<b>100.00%</b>

**2017 Bill Impacts (High Consumption Level)**

Rate Class	SeasonalR1	R1
Monthly Consumption (kWh)	1000	
Peak (kW)	0	
Loss factor - Seasonal	1.104	
Loss factor - UR	1.076	
Commodity Threshold	600	
Monthly Consumption (kWh) - Uplifted - Seasonal	1104	
Monthly Consumption (kWh) - Uplifted - UR	1076	
Charge determinant	kWh	

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	27.98%	
Energy Second Tier (kWh)	400	0.121	48.40	400	0.121	48.40	0.00	0.00%	21.92%	
<b>Sub-Total: Energy (RPP)</b>			<b>110.20</b>			<b>110.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>49.90%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		25.55%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		10.14%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		14.64%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.44%</b>	<b>50.32%</b>
Service Charge	1	32.47	32.47	1	33.37	33.37	0.90	2.77%	15.11%	15.08%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.8	0.80	1	0.82	0.82	0.02	2.50%	0.37%	0.37%
Distribution Volumetric Rate	1,000	0.0748	74.80	1,000	0.0225	22.50	-52.30	-69.92%	10.19%	10.16%
Volumetric Deferral/Variance Account Rider	1,000	0.0005	0.50	1,000	-0.0002	-0.20	-0.70	-140.00%	-0.09%	-0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>108.57</b>			<b>56.49</b>	<b>-52.08</b>	<b>-47.97%</b>	<b>25.58%</b>	<b>25.52%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.36%	0.36%
Line Losses on Cost of Power (based on two-tier RPP prices)	104	0.12	12.58	76	0.12	9.20	-3.39	-26.92%	4.16%	4.15%
Line Losses on Cost of Power (based on TOU prices)	104	0.11	11.58	76	0.11	8.47	-3.12	-26.92%	3.83%	3.82%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>121.94</b>			<b>66.48</b>	<b>-55.47</b>	<b>-45.49%</b>	<b>30.10%</b>	<b>30.03%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>120.94</b>			<b>65.75</b>	<b>-55.20</b>	<b>-45.64%</b>	<b>29.77%</b>	<b>29.70%</b>
Retail Transmission Rate – Network Service Rate	1,104	0.0056	6.18	1,076	0.0064	6.89	0.70	11.39%	3.12%	3.11%
Retail Transmission Rate – Line and Transformation Connection \$	1,104	0.0042	4.64	1,076	0.0048	5.16	0.53	11.39%	2.34%	2.33%
<b>Sub-Total: Retail Transmission</b>			<b>10.82</b>			<b>12.05</b>	<b>1.23</b>	<b>11.39%</b>	<b>5.46%</b>	<b>5.44%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>132.76</b>			<b>78.53</b>	<b>-54.24</b>	<b>-40.85%</b>	<b>35.56%</b>	<b>35.48%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>131.76</b>			<b>77.80</b>	<b>-53.97</b>	<b>-40.96%</b>	<b>35.23%</b>	<b>35.15%</b>
Wholesale Market Service Rate	1,104	0.0036	3.97	1,076	0.0036	3.87	-0.10	-2.54%	1.75%	1.75%
Rural Rate Protection Charge	1,104	0.0013	1.44	1,076	0.0013	1.40	-0.04	-2.54%	0.63%	0.63%
Ontario Electricity Support Program	1,104	0.0011	1.21	1,076	0.0011	1.18	-0.03	-2.54%	0.54%	0.53%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.11%	0.11%
<b>Sub-Total: Regulatory</b>			<b>6.87</b>			<b>6.71</b>	<b>-0.17</b>	<b>-2.44%</b>	<b>3.04%</b>	<b>3.03%</b>
Debt Retirement Charge (DRC)	1,000	0.000	0.00	1,000	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>249.84</b>			<b>195.43</b>	<b>-54.40</b>	<b>-21.78%</b>	<b>88.50%</b>	
HST		0.13	32.48		0.13	25.41	-7.07	-21.78%	11.50%	
<b>Total Bill (including HST)</b>			<b>282.32</b>			<b>220.84</b>	<b>-61.48</b>	<b>-21.78%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>282.32</b>			<b>220.84</b>	<b>-61.48</b>	<b>-21.78%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>250.03</b>			<b>195.89</b>	<b>-54.13</b>	<b>-21.65%</b>		<b>88.50%</b>
HST		0.13	32.50		0.13	25.47	-7.04	-21.65%		11.50%
<b>Total Bill (including HST)</b>			<b>282.53</b>			<b>221.36</b>	<b>-61.17</b>	<b>-21.65%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>282.53</b>			<b>221.36</b>	<b>-61.17</b>	<b>-21.65%</b>		<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	SeasonalR2	R2
Monthly Consumption (kWh)	50	
Peak (kW)	0	
Loss factor - Seasonal	1.104	
Loss factor - UR	1.105	
Commodity Threshold	600	
Monthly Consumption (kWh) - Uplifted - Seasonal	55	
Monthly Consumption (kWh) - Uplifted - UR	55	
Charge determinant	kWh	

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	50	0.103	5.15	50	0.103	5.15	0.00	0.00%	5.08%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>5.15</b>			<b>5.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.08%</b>	
TOU-Off Peak	33	0.087	2.83	33	0.087	2.83	0.00	0.00%		2.77%
TOU-Mid Peak	9	0.132	1.12	9	0.132	1.12	0.00	0.00%		1.10%
TOU-On Peak	9	0.180	1.62	9	0.180	1.62	0.00	0.00%		1.59%
<b>Sub-Total: Energy (TOU)</b>			<b>5.57</b>			<b>5.57</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.49%</b>	<b>5.46%</b>
Service Charge	1	32.47	32.47	1	78.94	78.94	46.47	143.12%	77.86%	77.46%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.8	0.80	1	1.35	1.35	0.55	68.75%	1.33%	1.32%
Distribution Volumetric Rate	50	0.0748	3.74	50	0.0352	1.76	-1.98	-52.94%	1.74%	1.73%
Volumetric Deferral/Variance Account Rider	50	0.0005	0.03	50	0	0.00	-0.03	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>37.04</b>			<b>82.05</b>	<b>45.02</b>	<b>121.55%</b>	<b>80.93%</b>	<b>80.51%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.78%	0.78%
Line Losses on Cost of Power (based on two-tier RPP prices)	5	0.10	0.54	5	0.10	0.54	0.01	0.96%	0.53%	0.53%
Line Losses on Cost of Power (based on TOU prices)	5	0.11	0.58	5	0.11	0.58	0.01	0.96%	0.58%	0.57%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>38.36</b>			<b>83.38</b>	<b>45.02</b>	<b>117.36%</b>	<b>82.24%</b>	<b>81.82%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>38.40</b>			<b>83.42</b>	<b>45.02</b>	<b>117.23%</b>	<b>82.28%</b>	<b>81.86%</b>
Retail Transmission Rate – Network Service Rate	55	0.0056	0.31	55	0.0064	0.35	0.04	14.39%	0.35%	0.35%
Retail Transmission Rate – Line and Transformation Connection \$	55	0.0042	0.23	55	0.0047	0.26	0.03	12.01%	0.26%	0.25%
<b>Sub-Total: Retail Transmission</b>			<b>0.54</b>			<b>0.61</b>	<b>0.07</b>	<b>13.37%</b>	<b>0.60%</b>	<b>0.60%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>38.90</b>			<b>83.99</b>	<b>45.09</b>	<b>115.91%</b>	<b>82.84%</b>	<b>82.42%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>38.95</b>			<b>84.04</b>	<b>45.09</b>	<b>115.79%</b>	<b>82.89%</b>	<b>82.46%</b>
Wholesale Market Service Rate	55	0.0036	0.20	55	0.0036	0.20	0.00	0.09%	0.20%	0.20%
Rural Rate Protection Charge	55	0.0013	0.07	55	0.0013	0.07	0.00	0.09%	0.07%	0.07%
Ontario Electricity Support Program	55	0.0011	0.06	55	0.0011	0.06	0.00	0.09%	0.06%	0.06%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.25%	0.25%
<b>Sub-Total: Regulatory</b>			<b>0.58</b>			<b>0.58</b>	<b>0.00</b>	<b>0.05%</b>	<b>0.57%</b>	<b>0.57%</b>
Debt Retirement Charge (DRC)	50	0.000	0.00	50	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>44.63</b>			<b>89.73</b>	<b>45.09</b>	<b>101.03%</b>	<b>88.50%</b>	
HST		0.13	5.80		0.13	11.66	5.86	101.03%	11.50%	
<b>Total Bill (including HST)</b>			<b>50.44</b>			<b>101.39</b>	<b>50.95</b>	<b>101.03%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>50.44</b>			<b>101.39</b>	<b>50.95</b>	<b>101.03%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>45.10</b>			<b>90.19</b>	<b>45.09</b>	<b>99.99%</b>		<b>88.50%</b>
HST		0.13	5.86		0.13	11.72	5.86	99.99%		11.50%
<b>Total Bill (including HST)</b>			<b>50.96</b>			<b>101.91</b>	<b>50.96</b>	<b>99.99%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>50.96</b>			<b>101.91</b>	<b>50.96</b>	<b>99.99%</b>		<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	SeasonalR2	R2
Monthly Consumption (kWh)	350	
Peak (kW)	0	
Loss factor - Seasonal	1.104	
Loss factor - UR	1.105	
Commodity Threshold	600	
Monthly Consumption (kWh) - Uplifted - Seasonal	386	
Monthly Consumption (kWh) - Uplifted - UR	387	
Charge determinant	kWh	

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	350	0.103	36.05	350	0.103	36.05	0.00	0.00%	22.77%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.05</b>			<b>36.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>22.77%</b>	
TOU-Off Peak	228	0.087	19.79	228	0.087	19.79	0.00	0.00%		12.22%
TOU-Mid Peak	60	0.132	7.85	60	0.132	7.85	0.00	0.00%		4.85%
TOU-On Peak	63	0.180	11.34	63	0.180	11.34	0.00	0.00%		7.00%
<b>Sub-Total: Energy (TOU)</b>			<b>38.99</b>			<b>38.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>24.63%</b>	<b>24.07%</b>
Service Charge	1	32.47	32.47	1	78.94	78.94	46.47	143.12%	49.86%	48.73%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.8	0.80	1	1.35	1.35	0.55	68.75%	0.85%	0.83%
Distribution Volumetric Rate	350	0.0748	26.18	350	0.0352	12.32	-13.86	-52.94%	7.78%	7.61%
Volumetric Deferral/Variance Account Rider	350	0.0005	0.18	350	0	0.00	-0.18	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>59.63</b>			<b>92.61</b>	<b>32.99</b>	<b>55.32%</b>	<b>58.50%</b>	<b>57.17%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.50%	0.49%
Line Losses on Cost of Power (based on two-tier RPP prices)	36	0.10	3.75	37	0.10	3.79	0.04	0.96%	2.39%	2.34%
Line Losses on Cost of Power (based on TOU prices)	36	0.11	4.05	37	0.11	4.09	0.04	0.96%	2.59%	2.53%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>64.16</b>			<b>97.19</b>	<b>33.02</b>	<b>51.46%</b>	<b>61.39%</b>	<b>60.00%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>64.47</b>			<b>97.49</b>	<b>33.02</b>	<b>51.22%</b>	<b>61.58%</b>	<b>60.19%</b>
Retail Transmission Rate – Network Service Rate	386	0.0056	2.16	387	0.0064	2.48	0.31	14.39%	1.56%	1.53%
Retail Transmission Rate – Line and Transformation Connection \$	386	0.0042	1.62	387	0.0047	1.82	0.19	12.01%	1.15%	1.12%
<b>Sub-Total: Retail Transmission</b>			<b>3.79</b>			<b>4.29</b>	<b>0.51</b>	<b>13.37%</b>	<b>2.71%</b>	<b>2.65%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>67.95</b>			<b>101.48</b>	<b>33.53</b>	<b>49.34%</b>	<b>64.10%</b>	<b>62.65%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>68.26</b>			<b>101.79</b>	<b>33.53</b>	<b>49.12%</b>	<b>64.30%</b>	<b>62.84%</b>
Wholesale Market Service Rate	386	0.0036	1.39	387	0.0036	1.39	0.00	0.09%	0.88%	0.86%
Rural Rate Protection Charge	386	0.0013	0.50	387	0.0013	0.50	0.00	0.09%	0.32%	0.31%
Ontario Electricity Support Program	386	0.0011	0.43	387	0.0011	0.43	0.00	0.09%	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%	0.15%
<b>Sub-Total: Regulatory</b>			<b>2.57</b>			<b>2.57</b>	<b>0.00</b>	<b>0.08%</b>	<b>1.62%</b>	<b>1.59%</b>
Debt Retirement Charge (DRC)	350	0.000	0.00	350	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>106.57</b>			<b>140.10</b>	<b>33.53</b>	<b>31.46%</b>	<b>88.50%</b>	
HST		0.13	13.85		0.13	18.21	4.36	31.46%	11.50%	
<b>Total Bill (including HST)</b>			<b>120.42</b>			<b>158.31</b>	<b>37.89</b>	<b>31.46%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>120.42</b>			<b>158.31</b>	<b>37.89</b>	<b>31.46%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>109.81</b>			<b>143.34</b>	<b>33.53</b>	<b>30.54%</b>		<b>88.50%</b>
HST		0.13	14.28		0.13	18.63	4.36	30.54%		11.50%
<b>Total Bill (including HST)</b>			<b>124.09</b>			<b>161.98</b>	<b>37.89</b>	<b>30.54%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>124.09</b>			<b>161.98</b>	<b>37.89</b>	<b>30.54%</b>		<b>100.00%</b>

**2017 Bill Impacts (High Consumption Level)**

Rate Class	SeasonalR2	R2
Monthly Consumption (kWh)	1000	
Peak (kW)	0	
Loss factor - Seasonal	1.104	
Loss factor - UR	1.105	
Commodity Threshold	600	
Monthly Consumption (kWh) - Uplifted - Seasonal	1104	
Monthly Consumption (kWh) - Uplifted - UR	1105	
Charge determinant	kWh	

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	21.17%	
Energy Second Tier (kWh)	400	0.121	48.40	400	0.121	48.40	0.00	0.00%	16.58%	
<b>Sub-Total: Energy (RPP)</b>			<b>110.20</b>			<b>110.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>37.75%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		19.36%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		7.68%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		11.09%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>38.16%</b>	<b>38.13%</b>
Service Charge	1	32.47	32.47	1	78.94	78.94	46.47	143.12%	27.04%	27.02%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.8	0.80	1	1.35	1.35	0.55	68.75%	0.46%	0.46%
Distribution Volumetric Rate	1,000	0.0748	74.80	1,000	0.0352	35.20	-39.60	-52.94%	12.06%	12.05%
Volumetric Deferral/Variance Account Rider	1,000	0.0005	0.50	1,000	0	0.00	-0.50	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>108.57</b>			<b>115.49</b>	<b>6.92</b>	<b>6.37%</b>	<b>39.56%</b>	<b>39.54%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.27%	0.27%
Line Losses on Cost of Power (based on two-tier RPP prices)	104	0.12	12.58	105	0.12	12.71	0.12	0.96%	4.35%	4.35%
Line Losses on Cost of Power (based on TOU prices)	104	0.11	11.58	105	0.11	11.70	0.11	0.96%	4.01%	4.00%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>121.94</b>			<b>128.99</b>	<b>7.04</b>	<b>5.77%</b>	<b>44.19%</b>	<b>44.16%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>120.94</b>			<b>127.98</b>	<b>7.03</b>	<b>5.81%</b>	<b>43.84%</b>	<b>43.81%</b>
Retail Transmission Rate – Network Service Rate	1,104	0.0056	6.18	1,105	0.0064	7.07	0.89	14.39%	2.42%	2.42%
Retail Transmission Rate – Line and Transformation Connection \$	1,104	0.0042	4.64	1,105	0.0047	5.19	0.56	12.01%	1.78%	1.78%
<b>Sub-Total: Retail Transmission</b>			<b>10.82</b>			<b>12.27</b>	<b>1.45</b>	<b>13.37%</b>	<b>4.20%</b>	<b>4.20%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>132.76</b>			<b>141.25</b>	<b>8.49</b>	<b>6.39%</b>	<b>48.39%</b>	<b>48.35%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>131.76</b>			<b>140.24</b>	<b>8.48</b>	<b>6.43%</b>	<b>48.04%</b>	<b>48.01%</b>
Wholesale Market Service Rate	1,104	0.0036	3.97	1,105	0.0036	3.98	0.00	0.09%	1.36%	1.36%
Rural Rate Protection Charge	1,104	0.0013	1.44	1,105	0.0013	1.44	0.00	0.09%	0.49%	0.49%
Ontario Electricity Support Program	1,104	0.0011	1.21	1,105	0.0011	1.22	0.00	0.09%	0.42%	0.42%
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%
<b>Sub-Total: Regulatory</b>			<b>6.87</b>			<b>6.88</b>	<b>0.01</b>	<b>0.09%</b>	<b>2.36%</b>	<b>2.36%</b>
Debt Retirement Charge (DRC)	1,000	0.000	0.00	1,000	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>249.84</b>			<b>258.33</b>	<b>8.49</b>	<b>3.40%</b>	<b>88.50%</b>	
HST		0.13	32.48		0.13	33.58	1.10	3.40%	11.50%	
<b>Total Bill (including HST)</b>			<b>282.32</b>			<b>291.91</b>	<b>9.60</b>	<b>3.40%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>282.32</b>			<b>291.91</b>	<b>9.60</b>	<b>3.40%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>250.03</b>			<b>258.51</b>	<b>8.48</b>	<b>3.39%</b>		<b>88.50%</b>
HST		0.13	32.50		0.13	33.61	1.10	3.39%		11.50%
<b>Total Bill (including HST)</b>			<b>282.53</b>			<b>292.12</b>	<b>9.59</b>	<b>3.39%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>282.53</b>			<b>292.12</b>	<b>9.59</b>	<b>3.39%</b>		<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	Gse
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	1096
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	29.93%	
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	11.72%	
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>41.65%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		21.63%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		8.58%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		12.39%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.16%</b>	<b>42.61%</b>
Service Charge	1	27.94	27.94	1	27.6	27.60	-0.34	-1.22%	10.69%	10.56%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.73	0.73	1	0.72	0.72	-0.01	-1.37%	0.28%	0.28%
Distribution Volumetric Rate	1,000	0.0563	56.30	1,000	0.0555	55.50	-0.80	-1.42%	21.51%	21.23%
Volumetric Deferral/Variance Account Rider	1,000	0.0002	0.20	1,000	0.0002	0.20	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>85.17</b>			<b>84.02</b>	<b>-1.15</b>	<b>-1.35%</b>	<b>32.56%</b>	<b>32.14%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.31%	0.30%
Line Losses on Cost of Power (based on two-tier RPP prices)	96	0.12	11.62	96	0.12	11.62	0.00	0.00%	4.50%	4.44%
Line Losses on Cost of Power (based on TOU prices)	96	0.11	10.69	96	0.11	10.69	0.00	0.00%	4.14%	4.09%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>97.58</b>			<b>96.43</b>	<b>-1.15</b>	<b>-1.18%</b>	<b>37.36%</b>	<b>36.88%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>96.65</b>			<b>95.50</b>	<b>-1.15</b>	<b>-1.19%</b>	<b>37.01%</b>	<b>36.53%</b>
Retail Transmission Rate – Network Service Rate	1,096	0.0057	6.25	1,096	0.0061	6.69	0.44	7.02%	2.59%	2.56%
Retail Transmission Rate – Line and Transformation Connection \$	1,096	0.0036	3.95	1,096	0.0036	3.95	0.00	0.00%	1.53%	1.51%
<b>Sub-Total: Retail Transmission</b>			<b>10.19</b>			<b>10.63</b>	<b>0.44</b>	<b>4.30%</b>	<b>4.12%</b>	<b>4.07%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>107.77</b>			<b>107.06</b>	<b>-0.71</b>	<b>-0.66%</b>	<b>41.48%</b>	<b>40.95%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>106.85</b>			<b>106.13</b>	<b>-0.71</b>	<b>-0.67%</b>	<b>41.13%</b>	<b>40.60%</b>
Wholesale Market Service Rate	1,096	0.0036	3.95	1,096	0.0036	3.95	0.00	0.00%	1.53%	1.51%
Rural Rate Protection Charge	1,096	0.0013	1.42	1,096	0.0013	1.42	0.00	0.00%	0.55%	0.55%
Ontario Electricity Support Program	1,096	0.0011	1.21	1,096	0.0011	1.21	0.00	0.00%	0.47%	0.46%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Regulatory</b>			<b>6.83</b>			<b>6.83</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.64%</b>	<b>2.61%</b>
Debt Retirement Charge (DRC)	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	2.71%	2.68%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>229.09</b>			<b>228.38</b>	<b>-0.71</b>	<b>-0.31%</b>	<b>88.50%</b>	
HST		0.13	29.78		0.13	29.69	-0.09	-0.31%	11.50%	
<b>Total Bill (including HST)</b>			<b>258.88</b>			<b>258.07</b>	<b>-0.80</b>	<b>-0.31%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>258.88</b>			<b>258.07</b>	<b>-0.80</b>	<b>-0.31%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>232.06</b>			<b>231.35</b>	<b>-0.71</b>	<b>-0.31%</b>		<b>88.50%</b>
HST		0.13	30.17		0.13	30.08	-0.09	-0.31%		11.50%
<b>Total Bill (including HST)</b>			<b>262.23</b>			<b>261.43</b>	<b>-0.80</b>	<b>-0.31%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>262.23</b>			<b>261.43</b>	<b>-0.80</b>	<b>-0.31%</b>		<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	Gse
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2192
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	15.51%	
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	30.36%	
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.86%</b>	
TOU-Off Peak	1,300	0.087	113.10	1,300	0.087	113.10	0.00	0.00%		23.10%
TOU-Mid Peak	340	0.132	44.88	340	0.132	44.88	0.00	0.00%		9.17%
TOU-On Peak	360	0.180	64.80	360	0.180	64.80	0.00	0.00%		13.23%
<b>Sub-Total: Energy (TOU)</b>			<b>222.78</b>			<b>222.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>44.71%</b>	<b>45.50%</b>
Service Charge	1	27.94	27.94	1	27.6	27.60	-0.34	-1.22%	5.54%	5.64%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.73	0.73	1	0.72	0.72	-0.01	-1.37%	0.14%	0.15%
Distribution Volumetric Rate	2,000	0.0563	112.60	2,000	0.0555	111.00	-1.60	-1.42%	22.28%	22.67%
Volumetric Deferral/Variance Account Rider	2,000	0.0002	0.40	2,000	0.0002	0.40	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>141.67</b>			<b>139.72</b>	<b>-1.95</b>	<b>-1.38%</b>	<b>28.04%</b>	<b>28.53%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.16%	0.16%
Line Losses on Cost of Power (based on two-tier RPP prices)	192	0.12	23.23	192	0.12	23.23	0.00	0.00%	4.66%	4.74%
Line Losses on Cost of Power (based on TOU prices)	192	0.11	21.39	192	0.11	21.39	0.00	0.00%	4.29%	4.37%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>165.69</b>			<b>163.74</b>	<b>-1.95</b>	<b>-1.18%</b>	<b>32.87%</b>	<b>33.44%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>163.85</b>			<b>161.90</b>	<b>-1.95</b>	<b>-1.19%</b>	<b>32.49%</b>	<b>33.06%</b>
Retail Transmission Rate – Network Service Rate	2,192	0.0057	12.49	2,192	0.0061	13.37	0.88	7.02%	2.68%	2.73%
Retail Transmission Rate – Line and Transformation Connection	2,192	0.0036	7.89	2,192	0.0036	7.89	0.00	0.00%	1.58%	1.61%
<b>Sub-Total: Retail Transmission</b>			<b>20.39</b>			<b>21.26</b>	<b>0.88</b>	<b>4.30%</b>	<b>4.27%</b>	<b>4.34%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>186.08</b>			<b>185.00</b>	<b>-1.07</b>	<b>-0.58%</b>	<b>37.13%</b>	<b>37.78%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>184.23</b>			<b>183.16</b>	<b>-1.07</b>	<b>-0.58%</b>	<b>36.76%</b>	<b>37.40%</b>
Wholesale Market Service Rate	2,192	0.0036	7.89	2,192	0.0036	7.89	0.00	0.00%	1.58%	1.61%
Rural Rate Protection Charge	2,192	0.0013	2.85	2,192	0.0013	2.85	0.00	0.00%	0.57%	0.58%
Ontario Electricity Support Program	2,192	0.0011	2.41	2,192	0.0011	2.41	0.00	0.00%	0.48%	0.49%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Regulatory</b>			<b>13.40</b>			<b>13.40</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.69%</b>	<b>2.74%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	<b>14.00</b>	2,000	0.007	<b>14.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.81%</b>	<b>2.86%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>441.98</b>			<b>440.91</b>	<b>-1.07</b>	<b>-0.24%</b>	<b>88.50%</b>	
HST		0.13	57.46		0.13	57.32	-0.14	-0.24%	11.50%	
<b>Total Bill (including HST)</b>			<b>499.44</b>			<b>498.22</b>	<b>-1.21</b>	<b>-0.24%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>499.44</b>			<b>498.22</b>	<b>-1.21</b>	<b>-0.24%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>434.41</b>			<b>433.34</b>	<b>-1.07</b>	<b>-0.25%</b>		<b>88.50%</b>
HST		0.13	56.47		0.13	56.33	-0.14	-0.25%		11.50%
<b>Total Bill (including HST)</b>			<b>490.89</b>			<b>489.68</b>	<b>-1.21</b>	<b>-0.25%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>490.89</b>			<b>489.68</b>	<b>-1.21</b>	<b>-0.25%</b>		<b>100.00%</b>



**2017 Bill Impacts (High Consumption Level)**

Rate Class	Gse
Monthly Consumption (kWh)	15000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	16440
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	2.13%	
Energy Second Tier (kWh)	14,250	0.121	1,724.25	14,250	0.121	1,724.25	0.00	0.00%	47.63%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,801.50</b>			<b>1,801.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>49.76%</b>	
TOU-Off Peak	9,750	0.087	848.25	9,750	0.087	848.25	0.00	0.00%		24.54%
TOU-Mid Peak	2,550	0.132	336.60	2,550	0.132	336.60	0.00	0.00%		9.74%
TOU-On Peak	2,700	0.180	486.00	2,700	0.180	486.00	0.00	0.00%		14.06%
<b>Sub-Total: Energy (TOU)</b>			<b>1,670.85</b>			<b>1,670.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.15%</b>	<b>48.33%</b>
Service Charge	1	27.94	27.94	1	27.6	27.60	-0.34	-1.22%	0.76%	0.80%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.73	0.73	1	0.72	0.72	-0.01	-1.37%	0.02%	0.02%
Distribution Volumetric Rate	15,000	0.0563	844.50	15,000	0.0555	832.50	-12.00	-1.42%	23.00%	24.08%
Volumetric Deferral/Variance Account Rider	15,000	0.0002	3.00	15,000	0.0002	3.00	0.00	0.00%	0.08%	0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>876.17</b>			<b>863.82</b>	<b>-12.35</b>	<b>-1.41%</b>	<b>23.86%</b>	<b>24.99%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.02%	0.02%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,440	0.12	174.24	1,440	0.12	174.24	0.00	0.00%	4.81%	5.04%
Line Losses on Cost of Power (based on TOU prices)	1,440	0.11	160.40	1,440	0.11	160.40	0.00	0.00%	4.43%	4.64%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>1,051.20</b>			<b>1,038.85</b>	<b>-12.35</b>	<b>-1.17%</b>	<b>28.70%</b>	<b>30.05%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>1,037.36</b>			<b>1,025.01</b>	<b>-12.35</b>	<b>-1.19%</b>	<b>28.31%</b>	<b>29.65%</b>
Retail Transmission Rate – Network Service Rate	16,440	0.0057	93.71	16,440	0.0061	100.28	6.58	7.02%	2.77%	2.90%
Retail Transmission Rate – Line and Transformation Connection	16,440	0.0036	59.18	16,440	0.0036	59.18	0.00	0.00%	1.63%	1.71%
<b>Sub-Total: Retail Transmission</b>			<b>152.89</b>			<b>159.47</b>	<b>6.58</b>	<b>4.30%</b>	<b>4.40%</b>	<b>4.61%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>1,204.09</b>			<b>1,198.32</b>	<b>-5.77</b>	<b>-0.48%</b>	<b>33.10%</b>	<b>34.66%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>1,190.25</b>			<b>1,184.48</b>	<b>-5.77</b>	<b>-0.49%</b>	<b>32.72%</b>	<b>34.26%</b>
Wholesale Market Service Rate	16,440	0.0036	59.18	16,440	0.0036	59.18	0.00	0.00%	1.63%	1.71%
Rural Rate Protection Charge	16,440	0.0013	21.37	16,440	0.0013	21.37	0.00	0.00%	0.59%	0.62%
Ontario Electricity Support Program	16,440	0.0011	18.08	16,440	0.0011	18.08	0.00	0.00%	0.50%	0.52%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Regulatory</b>			<b>98.89</b>			<b>98.89</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.73%</b>	<b>2.86%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.90%</b>	<b>3.04%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>3,209.48</b>			<b>3,203.71</b>	<b>-5.77</b>	<b>-0.18%</b>	<b>88.50%</b>	
HST		0.13	417.23		0.13	416.48	-0.75	-0.18%	11.50%	
<b>Total Bill (including HST)</b>			<b>3,626.71</b>			<b>3,620.19</b>	<b>-6.52</b>	<b>-0.18%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>3,626.71</b>			<b>3,620.19</b>	<b>-6.52</b>	<b>-0.18%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>3,064.99</b>			<b>3,059.22</b>	<b>-5.77</b>	<b>-0.19%</b>		<b>88.50%</b>
HST		0.13	398.45		0.13	397.70	-0.75	-0.19%		11.50%
<b>Total Bill (including HST)</b>			<b>3,463.44</b>			<b>3,456.92</b>	<b>-6.52</b>	<b>-0.19%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>3,463.44</b>			<b>3,456.92</b>	<b>-6.52</b>	<b>-0.19%</b>		<b>100.00%</b>



**2017 Bill Impacts (Low Consumption Level)**

Rate Class	UGe
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	1067
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	35.67%	
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	13.97%	
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>49.64%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		25.68%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		10.19%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		14.71%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.43%</b>	<b>50.58%</b>
Service Charge	1	22.28	22.28	1	23.54	23.54	1.26	5.66%	10.87%	10.69%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.66	0.66	1	0.67	0.67	0.01	1.52%	0.31%	0.30%
Distribution Volumetric Rate	1,000	0.0252	25.20	1,000	0.0264	26.40	1.20	4.76%	12.19%	11.99%
Volumetric Deferral/Variance Account Rider	1,000	-0.0002	-0.20	1,000	-0.0001	-0.10	0.10	-50.00%	-0.05%	-0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>47.94</b>			<b>50.51</b>	<b>2.57</b>	<b>5.36%</b>	<b>23.32%</b>	<b>22.93%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.36%	0.36%
Line Losses on Cost of Power (based on two-tier RPP prices)	67	0.12	8.11	67	0.12	8.11	0.00	0.00%	3.74%	3.68%
Line Losses on Cost of Power (based on TOU prices)	67	0.11	7.46	67	0.11	7.46	0.00	0.00%	3.45%	3.39%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>56.84</b>			<b>59.41</b>	<b>2.57</b>	<b>4.52%</b>	<b>27.43%</b>	<b>26.97%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>56.19</b>			<b>58.76</b>	<b>2.57</b>	<b>4.57%</b>	<b>27.13%</b>	<b>26.68%</b>
Retail Transmission Rate – Network Service Rate	1,067	0.0061	6.51	1,067	0.0066	7.04	0.53	8.20%	3.25%	3.20%
Retail Transmission Rate – Line and Transformation Connection \$	1,067	0.0038	4.05	1,067	0.0038	4.05	0.00	0.00%	1.87%	1.84%
<b>Sub-Total: Retail Transmission</b>			<b>10.56</b>			<b>11.10</b>	<b>0.53</b>	<b>5.05%</b>	<b>5.12%</b>	<b>5.04%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>67.40</b>			<b>70.50</b>	<b>3.10</b>	<b>4.60%</b>	<b>32.55%</b>	<b>32.01%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>66.76</b>			<b>69.86</b>	<b>3.10</b>	<b>4.65%</b>	<b>32.26%</b>	<b>31.72%</b>
Wholesale Market Service Rate	1,067	0.0036	3.84	1,067	0.0036	3.84	0.00	0.00%	1.77%	1.74%
Rural Rate Protection Charge	1,067	0.0013	1.39	1,067	0.0013	1.39	0.00	0.00%	0.64%	0.63%
Ontario Electricity Support Program	1,067	0.0011	1.17	1,067	0.0011	1.17	0.00	0.00%	0.54%	0.53%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.12%	0.11%
<b>Sub-Total: Regulatory</b>			<b>6.65</b>			<b>6.65</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.07%</b>	<b>3.02%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	<b>7.00</b>	1,000	0.007	<b>7.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.23%</b>	<b>3.18%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>188.55</b>			<b>191.66</b>	<b>3.10</b>	<b>1.65%</b>	<b>88.50%</b>	
HST		0.13	24.51		0.13	24.92	0.40	1.65%	11.50%	
<b>Total Bill (including HST)</b>			<b>213.06</b>			<b>216.57</b>	<b>3.51</b>	<b>1.65%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>213.06</b>			<b>216.57</b>	<b>3.51</b>	<b>1.65%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>191.80</b>			<b>194.90</b>	<b>3.10</b>	<b>1.62%</b>		<b>88.50%</b>
HST		0.13	24.93		0.13	25.34	0.40	1.62%		11.50%
<b>Total Bill (including HST)</b>			<b>216.73</b>			<b>220.24</b>	<b>3.51</b>	<b>1.62%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>216.73</b>			<b>220.24</b>	<b>3.51</b>	<b>1.62%</b>		<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	UGe
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2134
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	18.40%	
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	36.02%	
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.42%</b>	
TOU-Off Peak	1,300	0.087	113.10	1,300	0.087	113.10	0.00	0.00%		27.46%
TOU-Mid Peak	340	0.132	44.88	340	0.132	44.88	0.00	0.00%		10.89%
TOU-On Peak	360	0.180	64.80	360	0.180	64.80	0.00	0.00%		15.73%
<b>Sub-Total: Energy (TOU)</b>			<b>222.78</b>			<b>222.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.06%</b>	<b>54.08%</b>
Service Charge	1	22.28	22.28	1	23.54	23.54	1.26	5.66%	5.61%	5.71%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.66	0.66	1	0.67	0.67	0.01	1.52%	0.16%	0.16%
Distribution Volumetric Rate	2,000	0.0252	50.40	2,000	0.0264	52.80	2.40	4.76%	12.58%	12.82%
Volumetric Deferral/Variance Account Rider	2,000	-0.0002	-0.40	2,000	-0.0001	-0.20	0.20	-50.00%	-0.05%	-0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>72.94</b>			<b>76.81</b>	<b>3.87</b>	<b>5.31%</b>	<b>18.29%</b>	<b>18.65%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.19%	0.19%
Line Losses on Cost of Power (based on two-tier RPP prices)	134	0.12	16.21	134	0.12	16.21	0.00	0.00%	3.86%	3.94%
Line Losses on Cost of Power (based on TOU prices)	134	0.11	14.93	134	0.11	14.93	0.00	0.00%	3.56%	3.62%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>89.94</b>			<b>93.81</b>	<b>3.87</b>	<b>4.30%</b>	<b>22.34%</b>	<b>22.77%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>88.66</b>			<b>92.53</b>	<b>3.87</b>	<b>4.37%</b>	<b>22.04%</b>	<b>22.46%</b>
Retail Transmission Rate – Network Service Rate	2,134	0.0061	13.02	2,134	0.0066	14.08	1.07	8.20%	3.35%	3.42%
Retail Transmission Rate – Line and Transformation Connection	2,134	0.0038	8.11	2,134	0.0038	8.11	0.00	0.00%	1.93%	1.97%
<b>Sub-Total: Retail Transmission</b>			<b>21.13</b>			<b>22.19</b>	<b>1.07</b>	<b>5.05%</b>	<b>5.29%</b>	<b>5.39%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>111.07</b>			<b>116.01</b>	<b>4.94</b>	<b>4.44%</b>	<b>27.63%</b>	<b>28.16%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>109.78</b>			<b>114.72</b>	<b>4.94</b>	<b>4.50%</b>	<b>27.32%</b>	<b>27.85%</b>
Wholesale Market Service Rate	2,134	0.0036	7.68	2,134	0.0036	7.68	0.00	0.00%	1.83%	1.86%
Rural Rate Protection Charge	2,134	0.0013	2.77	2,134	0.0013	2.77	0.00	0.00%	0.66%	0.67%
Ontario Electricity Support Program	2,134	0.0011	2.35	2,134	0.0011	2.35	0.00	0.00%	0.56%	0.57%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%	0.06%
<b>Sub-Total: Regulatory</b>			<b>13.05</b>			<b>13.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.11%</b>	<b>3.17%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	<b>14.00</b>	2,000	0.007	<b>14.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.33%</b>	<b>3.40%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>366.62</b>			<b>371.56</b>	<b>4.94</b>	<b>1.35%</b>	<b>88.50%</b>	
HST		0.13	47.66		0.13	48.30	0.64	1.35%	11.50%	
<b>Total Bill (including HST)</b>			<b>414.29</b>			<b>419.86</b>	<b>5.58</b>	<b>1.35%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>414.29</b>			<b>419.86</b>	<b>5.58</b>	<b>1.35%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>359.62</b>			<b>364.55</b>	<b>4.94</b>	<b>1.37%</b>		<b>88.50%</b>
HST		0.13	46.75		0.13	47.39	0.64	1.37%		11.50%
<b>Total Bill (including HST)</b>			<b>406.37</b>			<b>411.95</b>	<b>5.58</b>	<b>1.37%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>406.37</b>			<b>411.95</b>	<b>5.58</b>	<b>1.37%</b>		<b>100.00%</b>

**2017 Bill Impacts (High Consumption Level)**

Rate Class	UGe
Monthly Consumption (kWh)	15000
Peak (kW)	0
Loss factor	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	16005
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	2.52%	
Energy Second Tier (kWh)	14,250	0.121	1,724.25	14,250	0.121	1,724.25	0.00	0.00%	56.30%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,801.50</b>			<b>1,801.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.82%</b>	
TOU-Off Peak	9,750	0.087	848.25	9,750	0.087	848.25	0.00	0.00%		29.21%
TOU-Mid Peak	2,550	0.132	336.60	2,550	0.132	336.60	0.00	0.00%		11.59%
TOU-On Peak	2,700	0.180	486.00	2,700	0.180	486.00	0.00	0.00%		16.73%
<b>Sub-Total: Energy (TOU)</b>			<b>1,670.85</b>			<b>1,670.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.56%</b>	<b>57.53%</b>
Service Charge	1	22.28	22.28	1	23.54	23.54	1.26	5.66%	0.77%	0.81%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.66	0.66	1	0.67	0.67	0.01	1.52%	0.02%	0.02%
Distribution Volumetric Rate	15,000	0.0252	378.00	15,000	0.0264	396.00	18.00	4.76%	12.93%	13.64%
Volumetric Deferral/Variance Account Rider	15,000	-0.0002	-3.00	15,000	-0.0001	-1.50	1.50	-50.00%	-0.05%	-0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>397.94</b>			<b>418.71</b>	<b>20.77</b>	<b>5.22%</b>	<b>13.67%</b>	<b>14.42%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.03%	0.03%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,005	0.12	121.61	1,005	0.12	121.61	0.00	0.00%	3.97%	4.19%
Line Losses on Cost of Power (based on TOU prices)	1,005	0.11	111.95	1,005	0.11	111.95	0.00	0.00%	3.66%	3.85%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>520.34</b>			<b>541.11</b>	<b>20.77</b>	<b>3.99%</b>	<b>17.67%</b>	<b>18.63%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>510.68</b>			<b>531.45</b>	<b>20.77</b>	<b>4.07%</b>	<b>17.35%</b>	<b>18.30%</b>
Retail Transmission Rate – Network Service Rate	16,005	0.0061	97.63	16,005	0.0066	105.63	8.00	8.20%	3.45%	3.64%
Retail Transmission Rate – Line and Transformation Connection	16,005	0.0038	60.82	16,005	0.0038	60.82	0.00	0.00%	1.99%	2.09%
<b>Sub-Total: Retail Transmission</b>			<b>158.45</b>			<b>166.45</b>	<b>8.00</b>	<b>5.05%</b>	<b>5.43%</b>	<b>5.73%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>678.78</b>			<b>707.56</b>	<b>28.77</b>	<b>4.24%</b>	<b>23.10%</b>	<b>24.36%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>669.13</b>			<b>697.90</b>	<b>28.77</b>	<b>4.30%</b>	<b>22.79%</b>	<b>24.03%</b>
Wholesale Market Service Rate	16,005	0.0036	57.62	16,005	0.0036	57.62	0.00	0.00%	1.88%	1.98%
Rural Rate Protection Charge	16,005	0.0013	20.81	16,005	0.0013	20.81	0.00	0.00%	0.68%	0.72%
Ontario Electricity Support Program	16,005	0.0011	17.61	16,005	0.0011	17.61	0.00	0.00%	0.57%	0.61%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Regulatory</b>			<b>96.28</b>			<b>96.28</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.14%</b>	<b>3.32%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.43%</b>	<b>3.62%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>2,681.56</b>			<b>2,710.34</b>	<b>28.77</b>	<b>1.07%</b>	<b>88.50%</b>	
HST		0.13	348.60		0.13	352.34	3.74	1.07%	11.50%	
<b>Total Bill (including HST)</b>			<b>3,030.17</b>			<b>3,062.68</b>	<b>32.51</b>	<b>1.07%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>3,030.17</b>			<b>3,062.68</b>	<b>32.51</b>	<b>1.07%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>2,541.26</b>			<b>2,570.03</b>	<b>28.77</b>	<b>1.13%</b>		<b>88.50%</b>
HST		0.13	330.36		0.13	334.10	3.74	1.13%		11.50%
<b>Total Bill (including HST)</b>			<b>2,871.62</b>			<b>2,904.13</b>	<b>32.51</b>	<b>1.13%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>2,871.62</b>			<b>2,904.13</b>	<b>32.51</b>	<b>1.13%</b>		<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	St Lgt
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	109.2
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	100	0.103	10.30	100	0.103	10.30	0.00	0.00%	33.30%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>10.30</b>			<b>10.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>33.30%</b>
Service Charge	1	4.23	4.23	1	4.27	4.27	0.04	0.95%	13.81%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.08	0.08	1	0.08	0.08	0.00	0.00%	0.26%
Distribution Volumetric Rate	100	0.0911	9.11	100	0.0928	9.28	0.17	1.87%	30.00%
Volumetric Deferral/Variance Account Rider	100	0.0007	0.07	100	0.0007	0.07	0.00	0.00%	0.23%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>13.65</b>			<b>13.70</b>	<b>0.05</b>	<b>0.36%</b>	<b>44.29%</b>
Line Losses on Cost of Power	9	0.10	0.95	9	0.10	0.95	0.00	0.00%	3.06%
<b>Sub-Total: Distribution</b>			<b>14.60</b>			<b>14.65</b>	<b>0.05</b>	<b>0.34%</b>	<b>47.36%</b>
Retail Transmission Rate – Network Service Rate	109	0.0039	0.43	109	0.0047	0.51	0.09	20.51%	1.66%
Retail Transmission Rate – Line and Transformation Connection Se	109	0.0033	0.36	109	0.0028	0.31	-0.05	-15.15%	0.99%
<b>Sub-Total: Retail Transmission</b>			<b>0.79</b>			<b>0.82</b>	<b>0.03</b>	<b>4.17%</b>	<b>2.65%</b>
<b>Sub-Total: Delivery</b>			<b>15.38</b>			<b>15.47</b>	<b>0.08</b>	<b>0.53%</b>	<b>50.00%</b>
Wholesale Market Service Rate	109	0.0036	0.39	109	0.0036	0.39	0.00	0.00%	1.27%
Rural Rate Protection Charge	109	0.0013	0.14	109	0.0013	0.14	0.00	0.00%	0.46%
Ontario Electricity Support Program	109	0.0011	0.12	109	0.0011	0.12	0.00	0.00%	0.39%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.81%
<b>Sub-Total: Regulatory</b>			<b>0.91</b>			<b>0.91</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.93%</b>
<b>Debt Retirement Charge (DRC)</b>	100	0.007	<b>0.70</b>	100	0.007	<b>0.70</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.26%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>27.29</b>			<b>27.37</b>	<b>0.08</b>	<b>0.30%</b>	<b>88.50%</b>
HST		0.13	3.55		0.13	3.56	0.01	0.30%	11.50%
<b>Total Bill (including HST)</b>			<b>30.84</b>			<b>30.93</b>	<b>0.09</b>	<b>0.30%</b>	<b>100.00%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>30.84</b>		<b>0.00</b>	<b>30.93</b>	<b>0.09</b>	<b>0.30%</b>	<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	St Lgt
Monthly Consumption (kWh)	500
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	546
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	500	0.103	51.50	500	0.103	51.50	0.00	0.00%	38.47%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>51.50</b>			<b>51.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>38.47%</b>
Service Charge	1	4.23	4.23	1	4.27	4.27	0.04	0.95%	3.19%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.08	0.08	1	0.08	0.08	0.00	0.00%	0.06%
Distribution Volumetric Rate	500	0.0911	45.55	500	0.0928	46.40	0.85	1.87%	34.66%
Volumetric Deferral/Variance Account Rider	500	0.0007	0.35	500	0.0007	0.35	0.00	0.00%	0.26%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>50.37</b>			<b>51.10</b>	<b>0.73</b>	<b>1.45%</b>	<b>38.17%</b>
Line Losses on Cost of Power	46	0.10	4.74	46	0.10	4.74	0.00	0.00%	3.54%
<b>Sub-Total: Distribution</b>			<b>55.11</b>			<b>55.84</b>	<b>0.73</b>	<b>1.32%</b>	<b>41.71%</b>
Retail Transmission Rate – Network Service Rate	546	0.0039	2.13	546	0.0047	2.57	0.44	20.51%	1.92%
Retail Transmission Rate – Line and Transformation Connection Se	546	0.0033	1.80	546	0.0028	1.53	-0.27	-15.15%	1.14%
<b>Sub-Total: Retail Transmission</b>			<b>3.93</b>			<b>4.10</b>	<b>0.16</b>	<b>4.17%</b>	<b>3.06%</b>
<b>Sub-Total: Delivery</b>			<b>59.04</b>			<b>59.93</b>	<b>0.89</b>	<b>1.51%</b>	<b>44.77%</b>
Wholesale Market Service Rate	546	0.0036	1.97	546	0.0036	1.97	0.00	0.00%	1.47%
Rural Rate Protection Charge	546	0.0013	0.71	546	0.0013	0.71	0.00	0.00%	0.53%
Ontario Electricity Support Program	546	0.0011	0.60	546	0.0011	0.60	0.00	0.00%	0.45%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.19%
<b>Sub-Total: Regulatory</b>			<b>3.53</b>			<b>3.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.63%</b>
<b>Debt Retirement Charge (DRC)</b>	500	0.007	<b>3.50</b>	500	0.007	<b>3.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.61%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>117.57</b>			<b>118.46</b>	<b>0.89</b>	<b>0.76%</b>	<b>88.50%</b>
HST		0.13	15.28		0.13	15.40	0.12	0.76%	11.50%
<b>Total Bill (including HST)</b>			<b>132.85</b>			<b>133.86</b>	<b>1.01</b>	<b>0.76%</b>	<b>100.00%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>132.85</b>		<b>0.00</b>	<b>133.86</b>	<b>1.01</b>	<b>0.76%</b>	<b>100.00%</b>

**2017 Bill Impacts (High Consumption Level)**

Rate Class	St Lgt
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	2184
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	14.07%
Energy Second Tier (kWh)	1,250	0.121	151.25	1,250	0.121	151.25	0.00	0.00%	27.55%
<b>Sub-Total: Energy (RPP)</b>			<b>228.50</b>			<b>228.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>41.62%</b>
Service Charge	1	4.23	4.23	1	4.27	4.27	0.04	0.95%	0.78%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.08	0.08	1	0.08	0.08	0.00	0.00%	0.01%
Distribution Volumetric Rate	2,000	0.0911	182.20	2,000	0.0928	185.60	3.40	1.87%	33.81%
Volumetric Deferral/Variance Account Rider	2,000	0.0007	1.40	2,000	0.0007	1.40	0.00	0.00%	0.26%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>188.07</b>			<b>191.35</b>	<b>3.28</b>	<b>1.74%</b>	<b>34.85%</b>
Line Losses on Cost of Power	184	0.12	22.26	184	0.12	22.26	0.00	0.00%	4.06%
<b>Sub-Total: Distribution</b>			<b>210.34</b>			<b>213.61</b>	<b>3.28</b>	<b>1.56%</b>	<b>38.91%</b>
Retail Transmission Rate – Network Service Rate	2,184	0.0039	8.52	2,184	0.0047	10.26	1.75	20.51%	1.87%
Retail Transmission Rate – Line and Transformation Connection Se	2,184	0.0033	7.21	2,184	0.0028	6.12	-1.09	-15.15%	1.11%
<b>Sub-Total: Retail Transmission</b>			<b>15.72</b>			<b>16.38</b>	<b>0.66</b>	<b>4.17%</b>	<b>2.98%</b>
<b>Sub-Total: Delivery</b>			<b>226.06</b>			<b>229.99</b>	<b>3.93</b>	<b>1.74%</b>	<b>41.89%</b>
Wholesale Market Service Rate	2,184	0.0036	7.86	2,184	0.0036	7.86	0.00	0.00%	1.43%
Rural Rate Protection Charge	2,184	0.0013	2.84	2,184	0.0013	2.84	0.00	0.00%	0.52%
Ontario Electricity Support Program	2,184	0.0011	2.40	2,184	0.0011	2.40	0.00	0.00%	0.44%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%
<b>Sub-Total: Regulatory</b>			<b>13.35</b>			<b>13.35</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.43%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	<b>14.00</b>	2,000	0.007	<b>14.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.55%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>481.91</b>			<b>485.85</b>	<b>3.93</b>	<b>0.82%</b>	<b>88.50%</b>
HST		0.13	62.65		0.13	63.16	0.51	0.82%	11.50%
<b>Total Bill (including HST)</b>			<b>544.56</b>			<b>549.01</b>	<b>4.45</b>	<b>0.82%</b>	<b>100.00%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>544.56</b>		<b>0.00</b>	<b>549.01</b>	<b>4.45</b>	<b>0.82%</b>	<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	Sen Lgt
Monthly Consumption (kWh)	20
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	21.84
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	20	0.103	2.06	20	0.103	2.06	0.00	0.00%	22.41%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>2.06</b>			<b>2.06</b>	<b>0.00</b>	<b>0.00%</b>	<b>22.41%</b>
Service Charge	1	2.64	2.64	1	2.75	2.75	0.11	4.17%	29.91%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.05	0.05	1	0.05	0.05	0.00	0.00%	0.54%
Distribution Volumetric Rate	20	0.1153	2.31	20	0.1192	2.38	0.08	3.38%	25.93%
Volumetric Deferral/Variance Account Rider	20	0.0009	0.02	20	0.0009	0.02	0.00	0.00%	0.20%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>5.18</b>			<b>5.20</b>	<b>0.03</b>	<b>0.52%</b>	<b>56.58%</b>
Line Losses on Cost of Power	2	0.10	0.19	2	0.10	0.19	0.00	0.00%	2.06%
<b>Sub-Total: Distribution</b>			<b>5.36</b>			<b>5.39</b>	<b>0.03</b>	<b>0.50%</b>	<b>58.64%</b>
Retail Transmission Rate – Network Service Rate	22	0.0039	0.09	22	0.0047	0.10	0.02	20.51%	1.12%
Retail Transmission Rate – Line and Transformation Connection Se	22	0.0033	0.07	22	0.0028	0.06	-0.01	-15.15%	0.67%
<b>Sub-Total: Retail Transmission</b>			<b>0.16</b>			<b>0.16</b>	<b>0.01</b>	<b>4.17%</b>	<b>1.78%</b>
<b>Sub-Total: Delivery</b>			<b>5.52</b>			<b>5.56</b>	<b>0.03</b>	<b>0.61%</b>	<b>60.42%</b>
Wholesale Market Service Rate	22	0.0036	0.08	22	0.0036	0.08	0.00	0.00%	0.86%
Rural Rate Protection Charge	22	0.0013	0.03	22	0.0013	0.03	0.00	0.00%	0.31%
Ontario Electricity Support Program	22	0.0011	0.02	22	0.0011	0.02	0.00	0.00%	0.26%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	2.72%
<b>Sub-Total: Regulatory</b>			<b>0.38</b>			<b>0.38</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.14%</b>
<b>Debt Retirement Charge (DRC)</b>	20	0.007	0.14	20	0.007	0.14	0.00	0.00%	1.52%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>8.10</b>			<b>8.14</b>	<b>0.03</b>	<b>0.41%</b>	<b>88.50%</b>
HST		0.13	1.05		0.13	1.06	0.00	0.41%	11.50%
<b>Total Bill (including HST)</b>			<b>9.16</b>			<b>9.19</b>	<b>0.04</b>	<b>0.41%</b>	<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>9.16</b>		<b>0.00</b>	<b>9.19</b>	<b>0.04</b>	<b>0.41%</b>	<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	Sen Lgt
Monthly Consumption (kWh)	50
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	54.6
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	50	0.103	5.15	50	0.103	5.15	0.00	0.00%	28.91%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>5.15</b>			<b>5.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>28.91%</b>
Service Charge	1	2.64	2.64	1	2.75	2.75	0.11	4.17%	15.44%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.05	0.05	1	0.05	0.05	0.00	0.00%	0.28%
Distribution Volumetric Rate	50	0.1153	5.77	50	0.1192	5.96	0.20	3.38%	33.45%
Volumetric Deferral/Variance Account Rider	50	0.0009	0.05	50	0.0009	0.05	0.00	0.00%	0.25%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>8.66</b>			<b>8.81</b>	<b>0.14</b>	<b>1.66%</b>	<b>49.42%</b>
Line Losses on Cost of Power	5	0.10	0.47	5	0.10	0.47	0.00	0.00%	2.66%
<b>Sub-Total: Distribution</b>			<b>9.13</b>			<b>9.28</b>	<b>0.14</b>	<b>1.58%</b>	<b>52.08%</b>
Retail Transmission Rate – Network Service Rate	55	0.0039	0.21	55	0.0047	0.26	0.04	20.51%	1.44%
Retail Transmission Rate – Line and Transformation Connection Se	55	0.0033	0.18	55	0.0028	0.15	-0.03	-15.15%	0.86%
<b>Sub-Total: Retail Transmission</b>			<b>0.39</b>			<b>0.41</b>	<b>0.02</b>	<b>4.17%</b>	<b>2.30%</b>
<b>Sub-Total: Delivery</b>			<b>9.53</b>			<b>9.69</b>	<b>0.16</b>	<b>1.68%</b>	<b>54.38%</b>
Wholesale Market Service Rate	55	0.0036	0.20	55	0.0036	0.20	0.00	0.00%	1.10%
Rural Rate Protection Charge	55	0.0013	0.07	55	0.0013	0.07	0.00	0.00%	0.40%
Ontario Electricity Support Program	55	0.0011	0.06	55	0.0011	0.06	0.00	0.00%	0.34%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	1.40%
<b>Sub-Total: Regulatory</b>			<b>0.58</b>			<b>0.58</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.24%</b>
<b>Debt Retirement Charge (DRC)</b>	50	0.007	0.35	50	0.007	0.35	0.00	0.00%	1.96%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>15.61</b>			<b>15.77</b>	<b>0.16</b>	<b>1.03%</b>	<b>88.50%</b>
HST		0.13	2.03		0.13	2.05	0.02	1.03%	11.50%
<b>Total Bill (including HST)</b>			<b>17.63</b>			<b>17.82</b>	<b>0.18</b>	<b>1.03%</b>	<b>100.00%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>17.63</b>		<b>0.00</b>	<b>17.82</b>	<b>0.18</b>	<b>1.03%</b>	<b>100.00%</b>



**2017 Bill Impacts (High Consumption Level)**

Rate Class	Sen Lgt
Monthly Consumption (kWh)	200
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	218.4
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	200	0.103	20.60	200	0.103	20.60	0.00	0.00%	33.81%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>20.60</b>			<b>20.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>33.81%</b>
Service Charge	1	2.64	2.64	1	2.75	2.75	0.11	4.17%	4.51%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.05	0.05	1	0.05	0.05	0.00	0.00%	0.08%
Distribution Volumetric Rate	200	0.1153	23.06	200	0.1192	23.84	0.78	3.38%	39.13%
Volumetric Deferral/Variance Account Rider	200	0.0009	0.18	200	0.0009	0.18	0.00	0.00%	0.30%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>26.09</b>			<b>26.82</b>	<b>0.73</b>	<b>2.79%</b>	<b>44.02%</b>
Line Losses on Cost of Power	18	0.10	1.90	18	0.10	1.90	0.00	0.00%	3.11%
<b>Sub-Total: Distribution</b>			<b>27.99</b>			<b>28.72</b>	<b>0.73</b>	<b>2.60%</b>	<b>47.13%</b>
Retail Transmission Rate – Network Service Rate	218	0.0039	0.85	218	0.0047	1.03	0.17	20.51%	1.68%
Retail Transmission Rate – Line and Transformation Connection Se	218	0.0033	0.72	218	0.0028	0.61	-0.11	-15.15%	1.00%
<b>Sub-Total: Retail Transmission</b>			<b>1.57</b>			<b>1.64</b>	<b>0.07</b>	<b>4.17%</b>	<b>2.69%</b>
<b>Sub-Total: Delivery</b>			<b>29.56</b>			<b>30.35</b>	<b>0.79</b>	<b>2.69%</b>	<b>49.82%</b>
Wholesale Market Service Rate	218	0.0036	0.79	218	0.0036	0.79	0.00	0.00%	1.29%
Rural Rate Protection Charge	218	0.0013	0.28	218	0.0013	0.28	0.00	0.00%	0.47%
Ontario Electricity Support Program	218	0.0011	0.24	218	0.0011	0.24	0.00	0.00%	0.39%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.41%
<b>Sub-Total: Regulatory</b>			<b>1.56</b>			<b>1.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.56%</b>
<b>Debt Retirement Charge (DRC)</b>	200	0.007	<b>1.40</b>	200	0.007	<b>1.40</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.30%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>53.12</b>			<b>53.91</b>	<b>0.79</b>	<b>1.50%</b>	<b>88.50%</b>
HST		0.13	6.91		0.13	7.01	0.10	1.50%	11.50%
<b>Total Bill (including HST)</b>			<b>60.02</b>			<b>60.92</b>	<b>0.90</b>	<b>1.50%</b>	<b>100.00%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>60.02</b>		<b>0.00</b>	<b>60.92</b>	<b>0.90</b>	<b>1.50%</b>	<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	USL
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	109.2
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	100	0.103	10.30	100	0.103	10.30	0.00	0.00%	17.45%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>10.30</b>			<b>10.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>17.45%</b>
Service Charge	1	37.07	37.07	1	35.15	35.15	-1.92	-5.18%	59.56%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.54	0.54	1	0.51	0.51	-0.03	-5.56%	0.86%
Distribution Volumetric Rate	100	0.0305	3.05	100	0.0285	2.85	-0.20	-6.56%	4.83%
Volumetric Deferral/Variance Account Rider	100	0	0.00	100	-0.0001	-0.01	-0.01	0.00%	-0.02%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>40.82</b>			<b>38.50</b>	<b>-2.32</b>	<b>-5.69%</b>	<b>65.24%</b>
Line Losses on Cost of Power	9	0.10	0.95	9	0.10	0.95	0.00	0.00%	1.61%
<b>Sub-Total: Distribution</b>			<b>41.77</b>			<b>39.45</b>	<b>-2.32</b>	<b>-5.56%</b>	<b>66.84%</b>
Retail Transmission Rate – Network Service Rate	109	0.0046	0.50	109	0.0049	0.54	0.03	6.52%	0.91%
Retail Transmission Rate – Line and Transformation Connection Se	109	0.0031	0.34	109	0.0031	0.34	0.00	0.00%	0.57%
<b>Sub-Total: Retail Transmission</b>			<b>0.84</b>			<b>0.87</b>	<b>0.03</b>	<b>3.90%</b>	<b>1.48%</b>
<b>Sub-Total: Delivery</b>			<b>42.61</b>			<b>40.32</b>	<b>-2.29</b>	<b>-5.37%</b>	<b>68.32%</b>
Wholesale Market Service Rate	109	0.0036	0.39	109	0.0036	0.39	0.00	0.00%	0.67%
Rural Rate Protection Charge	109	0.0013	0.14	109	0.0013	0.14	0.00	0.00%	0.24%
Ontario Electricity Support Program	109	0.0011	0.12	109	0.0011	0.12	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%	0.42%
<b>Sub-Total: Regulatory</b>			<b>0.91</b>			<b>0.91</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.53%</b>
<b>Debt Retirement Charge (DRC)</b>	100	0.007	<b>0.70</b>	100	0.007	<b>0.70</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.19%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>54.51</b>			<b>52.23</b>	<b>-2.29</b>	<b>-4.20%</b>	<b>88.50%</b>
HST		0.13	7.09		0.13	6.79	-0.30	-4.20%	11.50%
<b>Total Bill (including HST)</b>			<b>61.60</b>			<b>59.02</b>	<b>-2.59</b>	<b>-4.20%</b>	<b>100.00%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>61.60</b>		<b>0.00</b>	<b>59.02</b>	<b>-2.59</b>	<b>-4.20%</b>	<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	USL
Monthly Consumption (kWh)	500
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	546
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	500	0.103	51.50	500	0.103	51.50	0.00	0.00%	38.79%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>51.50</b>			<b>51.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>38.79%</b>
Service Charge	1	37.07	37.07	1	35.15	35.15	-1.92	-5.18%	26.48%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.54	0.54	1	0.51	0.51	-0.03	-5.56%	0.38%
Distribution Volumetric Rate	500	0.0305	15.25	500	0.0285	14.25	-1.00	-6.56%	10.73%
Volumetric Deferral/Variance Account Rider	500	0	0.00	500	-0.0001	-0.05	-0.05	0.00%	-0.04%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>53.02</b>			<b>49.86</b>	<b>-3.16</b>	<b>-5.96%</b>	<b>37.55%</b>
Line Losses on Cost of Power	46	0.10	4.74	46	0.10	4.74	0.00	0.00%	3.57%
<b>Sub-Total: Distribution</b>			<b>57.76</b>			<b>54.60</b>	<b>-3.16</b>	<b>-5.47%</b>	<b>41.12%</b>
Retail Transmission Rate – Network Service Rate	546	0.0046	2.51	546	0.0049	2.68	0.16	6.52%	2.02%
Retail Transmission Rate – Line and Transformation Connection Se	546	0.0031	1.69	546	0.0031	1.69	0.00	0.00%	1.27%
<b>Sub-Total: Retail Transmission</b>			<b>4.20</b>			<b>4.37</b>	<b>0.16</b>	<b>3.90%</b>	<b>3.29%</b>
<b>Sub-Total: Delivery</b>			<b>61.96</b>			<b>58.97</b>	<b>-3.00</b>	<b>-4.84%</b>	<b>44.41%</b>
Wholesale Market Service Rate	546	0.0036	1.97	546	0.0036	1.97	0.00	0.00%	1.48%
Rural Rate Protection Charge	546	0.0013	0.71	546	0.0013	0.71	0.00	0.00%	0.53%
Ontario Electricity Support Program	546	0.0011	0.60	546	0.0011	0.60	0.00	0.00%	0.45%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.19%
<b>Sub-Total: Regulatory</b>			<b>3.53</b>			<b>3.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.66%</b>
<b>Debt Retirement Charge (DRC)</b>	500	0.007	<b>3.50</b>	500	0.007	<b>3.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.64%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>120.49</b>			<b>117.49</b>	<b>-3.00</b>	<b>-2.49%</b>	<b>88.50%</b>
HST		0.13	15.66		0.13	15.27	-0.39	-2.49%	11.50%
<b>Total Bill (including HST)</b>			<b>136.15</b>			<b>132.77</b>	<b>-3.39</b>	<b>-2.49%</b>	<b>100.00%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>136.15</b>		<b>0.00</b>	<b>132.77</b>	<b>-3.39</b>	<b>-2.49%</b>	<b>100.00%</b>

**2017 Bill Impacts (High Consumption Level)**

Rate Class	USL
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.092
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	1092
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.103	77.25	750	0.103	77.25	0.00	0.00%	33.31%
Energy Second Tier (kWh)	250	0.121	30.25	250	0.121	30.25	0.00	0.00%	13.04%
<b>Sub-Total: Energy (RPP)</b>			<b>107.50</b>			<b>107.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.35%</b>
Service Charge	1	37.07	37.07	1	35.15	35.15	-1.92	-5.18%	15.16%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.54	0.54	1	0.51	0.51	-0.03	-5.56%	0.22%
Distribution Volumetric Rate	1,000	0.0305	30.50	1,000	0.0285	28.50	-2.00	-6.56%	12.29%
Volumetric Deferral/Variance Account Rider	1,000	0	0.00	1,000	-0.0001	-0.10	-0.10	0.00%	-0.04%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>68.27</b>			<b>64.06</b>	<b>-4.21</b>	<b>-6.17%</b>	<b>27.62%</b>
Line Losses on Cost of Power	92	0.12	11.13	92	0.12	11.13	0.00	0.00%	4.80%
<b>Sub-Total: Distribution</b>			<b>79.40</b>			<b>75.19</b>	<b>-4.21</b>	<b>-5.30%</b>	<b>32.42%</b>
Retail Transmission Rate – Network Service Rate	1,092	0.0046	5.02	1,092	0.0049	5.35	0.33	6.52%	2.31%
Retail Transmission Rate – Line and Transformation Connection Se	1,092	0.0031	3.39	1,092	0.0031	3.39	0.00	0.00%	1.46%
<b>Sub-Total: Retail Transmission</b>			<b>8.41</b>			<b>8.74</b>	<b>0.33</b>	<b>3.90%</b>	<b>3.77%</b>
<b>Sub-Total: Delivery</b>			<b>87.81</b>			<b>83.93</b>	<b>-3.88</b>	<b>-4.42%</b>	<b>36.19%</b>
Wholesale Market Service Rate	1,092	0.0036	3.93	1,092	0.0036	3.93	0.00	0.00%	1.70%
Rural Rate Protection Charge	1,092	0.0013	1.42	1,092	0.0013	1.42	0.00	0.00%	0.61%
Ontario Electricity Support Program	1,092	0.0011	1.20	1,092	0.0011	1.20	0.00	0.00%	0.52%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.11%
<b>Sub-Total: Regulatory</b>			<b>6.80</b>			<b>6.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.93%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	<b>7.00</b>	1,000	0.007	<b>7.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.02%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>209.11</b>			<b>205.23</b>	<b>-3.88</b>	<b>-1.86%</b>	<b>88.50%</b>
HST		0.13	27.18		0.13	26.68	-0.50	-1.86%	11.50%
<b>Total Bill (including HST)</b>			<b>236.30</b>			<b>231.91</b>	<b>-4.39</b>	<b>-1.86%</b>	<b>100.00%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>236.30</b>		<b>0.00</b>	<b>231.91</b>	<b>-4.39</b>	<b>-1.86%</b>	<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	GSd
Monthly Consumption (kWh)	15,000
Peak (kW)	60
Loss factor	1.061
Load factor	34%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	15,915
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,915	0.103	1,639.25	15,915	0.103	1,639.25	0.00	0.00%	47.06%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,639.25</b>			<b>1,639.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.06%</b>
Service Charge	1	84.35	84.35	1	91.3	91.30	6.95	8.24%	2.62%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.32	1.32	1	1.39	1.39	0.07	5.30%	0.04%
Distribution Volumetric Rate	60	14.8802	892.81	60	16.2367	974.20	81.39	9.12%	27.97%
Volumetric Deferral/Variance Account Rider	60	0.0309	1.85	60	0.046	2.74	0.89	47.90%	0.08%
<b>Sub-Total: Distribution</b>			<b>980.34</b>			<b>1,069.63</b>	<b>89.30</b>	<b>9.11%</b>	<b>30.71%</b>
Retail Transmission Rate – Network Service Rate	60	1.6583	99.50	60	1.7747	106.48	6.98	7.02%	3.06%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.0912	65.47	60	1.1078	66.47	1.00	1.52%	1.91%
<b>Sub-Total: Retail Transmission</b>			<b>164.97</b>			<b>172.95</b>	<b>7.98</b>	<b>4.84%</b>	<b>4.97%</b>
<b>Sub-Total: Delivery</b>			<b>1,145.31</b>			<b>1,242.58</b>	<b>97.28</b>	<b>8.49%</b>	<b>35.67%</b>
Wholesale Market Service Rate	15,915	0.0036	57.29	15,915	0.0036	57.29	0.00	0.00%	1.64%
Rural Rate Protection Charge	15,915	0.0013	20.69	15,915	0.0013	20.69	0.00	0.00%	0.59%
Ontario Electricity Support Program	15,915	0.0011	17.51	15,915	0.0011	17.51	0.00	0.00%	0.50%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>95.74</b>			<b>95.74</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.75%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.01%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>2,985.29</b>			<b>3,082.57</b>	<b>97.28</b>	<b>3.26%</b>	<b>88.50%</b>
HST		0.13	388.09		0.13	400.73	12.65	3.26%	11.50%
<b>Total Bill (including HST)</b>			<b>3,373.38</b>			<b>3,483.30</b>	<b>109.92</b>	<b>3.26%</b>	<b>100.00%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>3,373.38</b>			<b>3,483.30</b>	<b>109.92</b>	<b>3.26%</b>	<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	GSd
Monthly Consumption (kWh)	35,000
Peak (kW)	120
Loss factor	1.061
Load factor	40%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	37,135
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	37,135	0.103	3,824.91	37,135	0.103	3,824.91	0.00	0.00%	50.63%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>3,824.91</b>			<b>3,824.91</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.63%</b>
Service Charge	1	84.35	84.35	1	91.3	91.30	6.95	8.24%	1.21%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.32	1.32	1	1.39	1.39	0.07	5.30%	0.02%
Distribution Volumetric Rate	120	14.8802	1,785.62	120	16.2367	1,948.40	162.78	9.12%	25.79%
Volumetric Deferral/Variance Account Rider	120	0.0309	3.71	120	0.046	5.48	1.78	47.90%	0.07%
<b>Sub-Total: Distribution</b>			<b>1,875.00</b>			<b>2,046.58</b>	<b>171.58</b>	<b>9.15%</b>	<b>27.09%</b>
Retail Transmission Rate – Network Service Rate	120	1.6583	199.00	120	1.7747	212.96	13.97	7.02%	2.82%
Retail Transmission Rate – Line and Transformation Connection Service Rate	120	1.0912	130.94	120	1.1078	132.94	1.99	1.52%	1.76%
<b>Sub-Total: Retail Transmission</b>			<b>329.94</b>			<b>345.90</b>	<b>15.96</b>	<b>4.84%</b>	<b>4.58%</b>
<b>Sub-Total: Delivery</b>			<b>2,204.94</b>			<b>2,392.48</b>	<b>187.54</b>	<b>8.51%</b>	<b>31.67%</b>
Wholesale Market Service Rate	37,135	0.0036	133.69	37,135	0.0036	133.69	0.00	0.00%	1.77%
Rural Rate Protection Charge	37,135	0.0013	48.28	37,135	0.0013	48.28	0.00	0.00%	0.64%
Ontario Electricity Support Program	37,135	0.0011	40.85	37,135	0.0011	40.85	0.00	0.00%	0.54%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>223.06</b>			<b>223.06</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.95%</b>
<b>Debt Retirement Charge (DRC)</b>	35,000	0.007	<b>245.00</b>	35,000	0.007	<b>245.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.24%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>6,497.91</b>			<b>6,685.44</b>	<b>187.54</b>	<b>2.89%</b>	<b>88.50%</b>
HST		0.13	844.73		0.13	869.11	24.38	2.89%	11.50%
<b>Total Bill (including HST)</b>			<b>7,342.63</b>			<b>7,554.55</b>	<b>211.92</b>	<b>2.89%</b>	<b>100.00%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>7,342.63</b>			<b>7,554.55</b>	<b>211.92</b>	<b>2.89%</b>	<b>100.00%</b>

**2017 Bill Impacts (High Consumption Level)**

Rate Class	GSd
Monthly Consumption (kWh)	175,000
Peak (kW)	500
Loss factor	1.061
Load factor	48%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	185,675
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	185,675	0.103	19,124.53	185,675	0.103	19,124.53	0.00	0.00%	54.35%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>19,124.53</b>			<b>19,124.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.35%</b>
Service Charge	1	84.35	84.35	1	91.3	91.30	6.95	8.24%	0.26%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.32	1.32	1	1.39	1.39	0.07	5.30%	0.00%
Distribution Volumetric Rate	500	14.8802	7,440.10	500	16.2367	8,118.35	678.25	9.12%	23.07%
Volumetric Deferral/Variance Account Rider	500	0.0309	15.45	500	0.046	22.85	7.40	47.90%	0.06%
<b>Sub-Total: Distribution</b>			<b>7,541.22</b>			<b>8,233.89</b>	<b>692.67</b>	<b>9.19%</b>	<b>23.40%</b>
Retail Transmission Rate – Network Service Rate	500	1.6583	829.15	500	1.7747	887.35	58.20	7.02%	2.52%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.0912	545.60	500	1.1078	553.90	8.30	1.52%	1.57%
<b>Sub-Total: Retail Transmission</b>			<b>1,374.75</b>			<b>1,441.25</b>	<b>66.50</b>	<b>4.84%</b>	<b>4.10%</b>
<b>Sub-Total: Delivery</b>			<b>8,915.97</b>			<b>9,675.14</b>	<b>759.17</b>	<b>8.51%</b>	<b>27.50%</b>
Wholesale Market Service Rate	185,675	0.0036	668.43	185,675	0.0036	668.43	0.00	0.00%	1.90%
Rural Rate Protection Charge	185,675	0.0013	241.38	185,675	0.0013	241.38	0.00	0.00%	0.69%
Ontario Electricity Support Program	185,675	0.0011	204.24	185,675	0.0011	204.24	0.00	0.00%	0.58%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,114.30</b>			<b>1,114.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.17%</b>
<b>Debt Retirement Charge (DRC)</b>	175,000	0.007	<b>1,225.00</b>	175,000	0.007	<b>1,225.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.48%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>30,379.80</b>			<b>31,138.97</b>	<b>759.17</b>	<b>2.50%</b>	<b>88.50%</b>
HST		0.13	3,949.37		0.13	4,048.07	98.69	2.50%	11.50%
<b>Total Bill (including HST)</b>			<b>34,329.17</b>			<b>35,187.03</b>	<b>857.86</b>	<b>2.50%</b>	<b>100.00%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>34,329.17</b>			<b>35,187.03</b>	<b>857.86</b>	<b>2.50%</b>	<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	UGd
Monthly Consumption (kWh)	15,000
Peak (kW)	60
Loss factor	1.050
Load factor	34%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	15,750
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,750	0.103	1,622.25	15,750	0.103	1,622.25	0.00	0.00%	53.46%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,622.25</b>			<b>1,622.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.46%</b>
Service Charge	1	88.26	88.26	1	95.9	95.90	7.64	8.66%	3.16%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.36	1.36	1	1.44	1.44	0.08	5.88%	0.05%
Distribution Volumetric Rate	60	8.5146	510.88	60	9.2723	556.34	45.46	8.90%	18.33%
Volumetric Deferral/Variance Account Rider	60	-0.0691	-4.15	60	-0.0606	-3.64	0.51	-12.30%	-0.12%
<b>Sub-Total: Distribution</b>			<b>596.35</b>			<b>650.04</b>	<b>53.69</b>	<b>9.00%</b>	<b>21.42%</b>
Retail Transmission Rate – Network Service Rate	60	2.045	122.70	60	2.2023	132.14	9.44	7.69%	4.35%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.3278	79.67	60	1.3509	81.05	1.39	1.74%	2.67%
<b>Sub-Total: Retail Transmission</b>			<b>202.37</b>			<b>213.19</b>	<b>10.82</b>	<b>5.35%</b>	<b>7.03%</b>
<b>Sub-Total: Delivery</b>			<b>798.72</b>			<b>863.23</b>	<b>64.52</b>	<b>8.08%</b>	<b>28.45%</b>
Wholesale Market Service Rate	15,750	0.0036	56.70	15,750	0.0036	56.70	0.00	0.00%	1.87%
Rural Rate Protection Charge	15,750	0.0013	20.48	15,750	0.0013	20.48	0.00	0.00%	0.67%
Ontario Electricity Support Program	15,750	0.0011	17.33	15,750	0.0011	17.33	0.00	0.00%	0.57%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>94.75</b>			<b>94.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.12%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	<b>105.00</b>	15,000	0.007	<b>105.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.46%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>2,620.72</b>			<b>2,685.23</b>	<b>64.52</b>	<b>2.46%</b>	<b>88.50%</b>
HST		0.13	340.69		0.13	349.08	8.39	2.46%	11.50%
<b>Total Bill (including HST)</b>			<b>2,961.41</b>			<b>3,034.31</b>	<b>72.90</b>	<b>2.46%</b>	<b>100.00%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>2,961.41</b>			<b>3,034.31</b>	<b>72.90</b>	<b>2.46%</b>	<b>100.00%</b>



**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	UGd
Monthly Consumption (kWh)	35,000
Peak (kW)	120
Loss factor	1.050
Load factor	40%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	36,750
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	36,750	0.103	3,785.25	36,750	0.103	3,785.25	0.00	0.00%	56.97%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>3,785.25</b>			<b>3,785.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.97%</b>
Service Charge	1	88.26	88.26	1	95.9	95.90	7.64	8.66%	1.44%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.36	1.36	1	1.44	1.44	0.08	5.88%	0.02%
Distribution Volumetric Rate	120	8.5146	1,021.75	120	9.2723	1,112.68	90.92	8.90%	16.75%
Volumetric Deferral/Variance Account Rider	120	-0.0691	-8.29	120	-0.0606	-7.27	1.02	-12.30%	-0.11%
<b>Sub-Total: Distribution</b>			<b>1,103.08</b>			<b>1,202.74</b>	<b>99.66</b>	<b>9.04%</b>	<b>18.10%</b>
Retail Transmission Rate – Network Service Rate	120	2.045	245.40	120	2.2023	264.28	18.88	7.69%	3.98%
Retail Transmission Rate – Line and Transformation Connection Service Rate	120	1.3278	159.34	120	1.3509	162.11	2.77	1.74%	2.44%
<b>Sub-Total: Retail Transmission</b>			<b>404.74</b>			<b>426.38</b>	<b>21.65</b>	<b>5.35%</b>	<b>6.42%</b>
<b>Sub-Total: Delivery</b>			<b>1,507.82</b>			<b>1,629.13</b>	<b>121.31</b>	<b>8.05%</b>	<b>24.52%</b>
Wholesale Market Service Rate	36,750	0.0036	132.30	36,750	0.0036	132.30	0.00	0.00%	1.99%
Rural Rate Protection Charge	36,750	0.0013	47.78	36,750	0.0013	47.78	0.00	0.00%	0.72%
Ontario Electricity Support Program	36,750	0.0011	40.43	36,750	0.0011	40.43	0.00	0.00%	0.61%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>220.75</b>			<b>220.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.32%</b>
<b>Debt Retirement Charge (DRC)</b>	35,000	0.007	<b>245.00</b>	35,000	0.007	<b>245.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.69%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>5,758.82</b>			<b>5,880.13</b>	<b>121.31</b>	<b>2.11%</b>	<b>88.50%</b>
HST		0.13	748.65		0.13	764.42	15.77	2.11%	11.50%
<b>Total Bill (including HST)</b>			<b>6,507.46</b>			<b>6,644.54</b>	<b>137.08</b>	<b>2.11%</b>	<b>100.00%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>6,507.46</b>			<b>6,644.54</b>	<b>137.08</b>	<b>2.11%</b>	<b>100.00%</b>

**2017 Bill Impacts (High Consumption Level)**

Rate Class	UGd
Monthly Consumption (kWh)	175,000
Peak (kW)	500
Loss factor	1.050
Load factor	48%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	183,750
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	183,750	0.103	18,926.25	183,750	0.103	18,926.25	0.00	0.00%	60.39%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>18,926.25</b>			<b>18,926.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>60.39%</b>
Service Charge	1	88.26	88.26	1	95.9	95.90	7.64	8.66%	0.31%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	1.36	1.36	1	1.44	1.44	0.08	5.88%	0.00%
Distribution Volumetric Rate	500	8.5146	4,257.30	500	9.2723	4,636.15	378.85	8.90%	14.79%
Volumetric Deferral/Variance Account Rider	500	-0.0691	-34.55	500	-0.0606	-30.30	4.25	-12.30%	-0.10%
<b>Sub-Total: Distribution</b>			<b>4,312.37</b>			<b>4,703.19</b>	<b>390.82</b>	<b>9.06%</b>	<b>15.01%</b>
Retail Transmission Rate – Network Service Rate	500	2.045	1,022.50	500	2.2023	1,101.15	78.65	7.69%	3.51%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.3278	663.90	500	1.3509	675.45	11.55	1.74%	2.16%
<b>Sub-Total: Retail Transmission</b>			<b>1,686.40</b>			<b>1,776.60</b>	<b>90.20</b>	<b>5.35%</b>	<b>5.67%</b>
<b>Sub-Total: Delivery</b>			<b>5,998.77</b>			<b>6,479.79</b>	<b>481.02</b>	<b>8.02%</b>	<b>20.68%</b>
Wholesale Market Service Rate	183,750	0.0036	661.50	183,750	0.0036	661.50	0.00	0.00%	2.11%
Rural Rate Protection Charge	183,750	0.0013	238.88	183,750	0.0013	238.88	0.00	0.00%	0.76%
Ontario Electricity Support Program	183,750	0.0011	202.13	183,750	0.0011	202.13	0.00	0.00%	0.64%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,102.75</b>			<b>1,102.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.52%</b>
<b>Debt Retirement Charge (DRC)</b>	175,000	0.007	<b>1,225.00</b>	175,000	0.007	<b>1,225.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.91%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>27,252.77</b>			<b>27,733.79</b>	<b>481.02</b>	<b>1.77%</b>	<b>88.50%</b>
HST		0.13	3,542.86		0.13	3,605.39	62.53	1.77%	11.50%
<b>Total Bill (including HST)</b>			<b>30,795.63</b>			<b>31,339.18</b>	<b>543.55</b>	<b>1.77%</b>	<b>100.00%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>30,795.63</b>			<b>31,339.18</b>	<b>543.55</b>	<b>1.77%</b>	<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	Dgen
Monthly Consumption (kWh)	300
Peak (kW)	10
Loss factor	1.061
Load factor	4%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	318
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	318	0.103	32.78	318	0.103	32.78	0.00	0.00%	10.80%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>32.78</b>			<b>32.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>10.80%</b>
Service Charge	1	120.38	120.38	1	149.73	149.73	29.35	24.38%	49.34%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	2.28	2.28	1	2.73	2.73	0.45	19.74%	0.90%
Distribution Volumetric Rate	10	5.951	59.51	10	6.9118	69.12	9.61	16.15%	22.77%
Volumetric Deferral/Variance Account Rider	10	0.0481	0.48	10	0.0626	0.63	0.15	30.15%	0.21%
<b>Sub-Total: Distribution</b>			<b>182.65</b>			<b>222.20</b>	<b>39.55</b>	<b>21.65%</b>	<b>73.22%</b>
Retail Transmission Rate – Network Service Rate	10	0.5672	5.67	10	0.5785	5.79	0.11	1.99%	1.91%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10	0.3663	3.66	10	0.3535	3.54	-0.13	-3.49%	1.16%
<b>Sub-Total: Retail Transmission</b>			<b>9.34</b>			<b>9.32</b>	<b>-0.02</b>	<b>-0.16%</b>	<b>3.07%</b>
<b>Sub-Total: Delivery</b>			<b>191.99</b>			<b>231.52</b>	<b>39.54</b>	<b>20.59%</b>	<b>76.29%</b>
Wholesale Market Service Rate	318	0.0036	1.15	318	0.0036	1.15	0.00	0.00%	0.38%
Rural Rate Protection Charge	318	0.0013	0.41	318	0.0013	0.41	0.00	0.00%	0.14%
Ontario Electricity Support Program	318	0.0011	0.35	318	0.0011	0.35	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%	0.08%
<b>Sub-Total: Regulatory</b>			<b>2.16</b>			<b>2.16</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.71%</b>
Debt Retirement Charge (DRC)	300	0.007	2.10	300	0.007	2.10	0.00	0.00%	0.69%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>229.03</b>			<b>268.57</b>	<b>39.54</b>	<b>17.26%</b>	<b>88.50%</b>
HST		0.13	29.77		0.13	34.91	5.14	17.26%	11.50%
<b>Total Bill (including HST)</b>			<b>258.80</b>			<b>303.48</b>	<b>44.68</b>	<b>17.26%</b>	<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>258.80</b>			<b>303.48</b>	<b>44.68</b>	<b>17.26%</b>	<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	Dgen
Monthly Consumption (kWh)	2,000
Peak (kW)	20
Loss factor	1.061
Load factor	14%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	2,122
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	2,122	0.103	218.57	2,122	0.103	218.57	0.00	0.00%	34.78%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>218.57</b>			<b>218.57</b>	<b>0.00</b>	<b>0.00%</b>	<b>34.78%</b>
Service Charge	1	120.38	120.38	1	149.73	149.73	29.35	24.38%	23.83%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	2.28	2.28	1	2.73	2.73	0.45	19.74%	0.43%
Distribution Volumetric Rate	20	5.951	119.02	20	6.9118	138.24	19.22	16.15%	22.00%
Volumetric Deferral/Variance Account Rider	20	0.0481	0.96	20	0.0626	1.25	0.29	30.15%	0.20%
<b>Sub-Total: Distribution</b>			<b>242.64</b>			<b>291.95</b>	<b>49.31</b>	<b>20.32%</b>	<b>46.46%</b>
Retail Transmission Rate – Network Service Rate	20	0.5672	11.34	20	0.5785	11.57	0.23	1.99%	1.84%
Retail Transmission Rate – Line and Transformation Connection Service Rate	20	0.3663	7.33	20	0.3535	7.07	-0.26	-3.49%	1.13%
<b>Sub-Total: Retail Transmission</b>			<b>18.67</b>			<b>18.64</b>	<b>-0.03</b>	<b>-0.16%</b>	<b>2.97%</b>
<b>Sub-Total: Delivery</b>			<b>261.31</b>			<b>310.59</b>	<b>49.28</b>	<b>18.86%</b>	<b>49.42%</b>
Wholesale Market Service Rate	2,122	0.0036	7.64	2,122	0.0036	7.64	0.00	0.00%	1.22%
Rural Rate Protection Charge	2,122	0.0013	2.76	2,122	0.0013	2.76	0.00	0.00%	0.44%
Ontario Electricity Support Program	2,122	0.0011	2.33	2,122	0.0011	2.33	0.00	0.00%	0.37%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.04%
<b>Sub-Total: Regulatory</b>			<b>12.98</b>			<b>12.98</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.07%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	<b>14.00</b>	2,000	0.007	<b>14.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.23%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>506.86</b>			<b>556.14</b>	<b>49.28</b>	<b>9.72%</b>	<b>88.50%</b>
HST		0.13	65.89		0.13	72.30	6.41	9.72%	11.50%
<b>Total Bill (including HST)</b>			<b>572.75</b>			<b>628.43</b>	<b>55.68</b>	<b>9.72%</b>	<b>100.00%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>572.75</b>			<b>628.43</b>	<b>55.68</b>	<b>9.72%</b>	<b>100.00%</b>

**2017 Bill Impacts (High Consumption Level)**

Rate Class	Dgen
Monthly Consumption (kWh)	5,000
Peak (kW)	100
Loss factor	1.061
Load factor	7%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	5,305
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	5,305	0.103	546.42	5,305	0.103	546.42	0.00	0.00%	31.06%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>546.42</b>			<b>546.42</b>	<b>0.00</b>	<b>0.00%</b>	<b>31.06%</b>
Service Charge	1	120.38	120.38	1	149.73	149.73	29.35	24.38%	8.51%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	2.28	2.28	1	2.73	2.73	0.45	19.74%	0.16%
Distribution Volumetric Rate	100	5.951	595.10	100	6.9118	691.18	96.08	16.15%	39.29%
Volumetric Deferral/Variance Account Rider	100	0.0481	4.81	100	0.0626	6.26	1.45	30.15%	0.36%
<b>Sub-Total: Distribution</b>			<b>722.57</b>			<b>849.90</b>	<b>127.33</b>	<b>17.62%</b>	<b>48.32%</b>
Retail Transmission Rate – Network Service Rate	100	0.5672	56.72	100	0.5785	57.85	1.13	1.99%	3.29%
Retail Transmission Rate – Line and Transformation Connection Service Rate	100	0.3663	36.63	100	0.3535	35.35	-1.28	-3.49%	2.01%
<b>Sub-Total: Retail Transmission</b>			<b>93.35</b>			<b>93.20</b>	<b>-0.15</b>	<b>-0.16%</b>	<b>5.30%</b>
<b>Sub-Total: Delivery</b>			<b>815.92</b>			<b>943.10</b>	<b>127.18</b>	<b>15.59%</b>	<b>53.62%</b>
Wholesale Market Service Rate	5,305	0.0036	19.10	5,305	0.0036	19.10	0.00	0.00%	1.09%
Rural Rate Protection Charge	5,305	0.0013	6.90	5,305	0.0013	6.90	0.00	0.00%	0.39%
Ontario Electricity Support Program	5,305	0.0011	5.84	5,305	0.0011	5.84	0.00	0.00%	0.33%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>32.08</b>			<b>32.08</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.82%</b>
Debt Retirement Charge (DRC)	5,000	0.007	35.00	5,000	0.007	35.00	0.00	0.00%	1.99%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>1,429.42</b>			<b>1,556.60</b>	<b>127.18</b>	<b>8.90%</b>	<b>88.50%</b>
HST		0.13	185.82		0.13	202.36	16.53	8.90%	11.50%
<b>Total Bill (including HST)</b>			<b>1,615.24</b>			<b>1,758.95</b>	<b>143.71</b>	<b>8.90%</b>	<b>100.00%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>1,615.24</b>			<b>1,758.95</b>	<b>143.71</b>	<b>8.90%</b>	<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	ST
Monthly Consumption (kWh)	200,000
Peak (kW)	500
Loss factor	1.034
Load factor	55%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	206,800
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	206,800	0.103	21,300.40	206,800	0.103	21,300.40	0.00	0.00%	65.36%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>21,300.40</b>			<b>21,300.40</b>	<b>0.00</b>	<b>0.00%</b>	<b>65.36%</b>
Service Charge	1	1222.62	1,222.62	1	1262.65	1,262.65	40.03	3.27%	3.87%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	11.62	11.62	1	11.94	11.94	0.32	2.75%	0.04%
Distribution Volumetric Rate	500	1.174	587.00	500	1.2116	605.80	18.80	3.20%	1.86%
Volumetric Deferral/Variance Account Rider	500	0.3151	157.55	500	0.3127	156.35	-1.20	-0.76%	0.48%
<b>Sub-Total: Distribution</b>			<b>1,978.79</b>			<b>2,036.74</b>	<b>57.95</b>	<b>2.93%</b>	<b>6.25%</b>
Retail Transmission Rate – Network Service Rate	500	3.4531	1,726.55	500	3.19	1,595.00	-131.55	-7.62%	4.89%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	2.6371	1,318.55	500	2.5361	1,268.05	-50.50	-3.83%	3.89%
<b>Sub-Total: Retail Transmission</b>			<b>3,045.10</b>			<b>2,863.05</b>	<b>-182.05</b>	<b>-5.98%</b>	<b>8.78%</b>
<b>Sub-Total: Delivery</b>			<b>5,023.89</b>			<b>4,899.79</b>	<b>-124.10</b>	<b>-2.47%</b>	<b>15.03%</b>
Wholesale Market Service Rate	206,800	0.0036	744.48	206,800	0.0036	744.48	0.00	0.00%	2.28%
Rural Rate Protection Charge	206,800	0.0013	268.84	206,800	0.0013	268.84	0.00	0.00%	0.82%
Ontario Electricity Support Program	206,800	0.0011	227.48	206,800	0.0011	227.48	0.00	0.00%	0.70%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,241.05</b>			<b>1,241.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.81%</b>
<b>Debt Retirement Charge (DRC)</b>	200,000	0.007	<b>1,400.00</b>	200,000	0.007	<b>1,400.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.30%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>28,965.34</b>			<b>28,841.24</b>	<b>-124.10</b>	<b>-0.43%</b>	<b>88.50%</b>
<b>HST</b>		0.13	3,765.49		0.13	3,749.36	-16.13	-0.43%	11.50%
<b>Total Bill (including HST)</b>			<b>32,730.83</b>			<b>32,590.60</b>	<b>-140.23</b>	<b>-0.43%</b>	<b>100.00%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>32,730.83</b>			<b>32,590.60</b>	<b>-140.23</b>	<b>-0.43%</b>	<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	ST
Monthly Consumption (kWh)	500,000
Peak (kW)	1,000
Loss factor	1.034
Load factor	68%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	517,000
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	517,000	0.103	53,251.00	517,000	0.103	53,251.00	0.00	0.00%	68.92%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>53,251.00</b>			<b>53,251.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>68.92%</b>
Service Charge	1	1222.62	1,222.62	1	1262.65	1,262.65	40.03	3.27%	1.63%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	11.62	11.62	1	11.94	11.94	0.32	2.75%	0.02%
Distribution Volumetric Rate	1,000	1.174	1,174.00	1,000	1.2116	1,211.60	37.60	3.20%	1.57%
Volumetric Deferral/Variance Account Rider	1,000	0.3151	315.10	1,000	0.3127	312.70	-2.40	-0.76%	0.40%
<b>Sub-Total: Distribution</b>			<b>2,723.34</b>			<b>2,798.89</b>	<b>75.55</b>	<b>2.77%</b>	<b>3.62%</b>
Retail Transmission Rate – Network Service Rate	1,000	3.4531	3,453.10	1,000	3.19	3,190.00	-263.10	-7.62%	4.13%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,000	2.6371	2,637.10	1,000	2.5361	2,536.10	-101.00	-3.83%	3.28%
<b>Sub-Total: Retail Transmission</b>			<b>6,090.20</b>			<b>5,726.10</b>	<b>-364.10</b>	<b>-5.98%</b>	<b>7.41%</b>
<b>Sub-Total: Delivery</b>			<b>8,813.54</b>			<b>8,524.99</b>	<b>-288.55</b>	<b>-3.27%</b>	<b>11.03%</b>
Wholesale Market Service Rate	517,000	0.0036	1,861.20	517,000	0.0036	1,861.20	0.00	0.00%	2.41%
Rural Rate Protection Charge	517,000	0.0013	672.10	517,000	0.0013	672.10	0.00	0.00%	0.87%
Ontario Electricity Support Program	517,000	0.0011	568.70	517,000	0.0011	568.70	0.00	0.00%	0.74%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>3,102.25</b>			<b>3,102.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.01%</b>
Debt Retirement Charge (DRC)	500,000	0.007	3,500.00	500,000	0.007	3,500.00	0.00	0.00%	4.53%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>68,666.79</b>			<b>68,378.24</b>	<b>-288.55</b>	<b>-0.42%</b>	<b>88.50%</b>
HST		0.13	8,926.68		0.13	8,889.17	-37.51	-0.42%	11.50%
<b>Total Bill (including HST)</b>			<b>77,593.47</b>			<b>77,267.41</b>	<b>-326.06</b>	<b>-0.42%</b>	<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>77,593.47</b>			<b>77,267.41</b>	<b>-326.06</b>	<b>-0.42%</b>	<b>100.00%</b>

**2017 Bill Impacts (High Consumption Level)**

Rate Class	ST
Monthly Consumption (kWh)	4,000,000
Peak (kW)	10,000
Loss factor	1.034
Load factor	55%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted	4,136,000
Charge determinant	kW

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	4,136,000	0.103	426,008.00	4,136,000	0.103	426,008.00	0.00	0.00%	68.22%
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>426,008.00</b>			<b>426,008.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>68.22%</b>
Service Charge	1	1222.62	1,222.62	1	1262.65	1,262.65	40.03	3.27%	0.20%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	11.62	11.62	1	11.94	11.94	0.32	2.75%	0.00%
Distribution Volumetric Rate	10,000	1.174	11,740.00	10,000	1.2116	12,116.00	376.00	3.20%	1.94%
Volumetric Deferral/Variance Account Rider	10,000	0.3151	3,151.00	10,000	0.3127	3,127.00	-24.00	-0.76%	0.50%
<b>Sub-Total: Distribution</b>			<b>16,125.24</b>			<b>16,517.59</b>	<b>392.35</b>	<b>2.43%</b>	<b>2.65%</b>
Retail Transmission Rate – Network Service Rate	10,000	3.4531	34,531.00	10,000	3.1900	31,900.00	-2,631.00	-7.62%	5.11%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,000	2.6371	26,371.00	10,000	2.5361	25,361.00	-1,010.00	-3.83%	4.06%
<b>Sub-Total: Retail Transmission</b>			<b>60,902.00</b>			<b>57,261.00</b>	<b>-3,641.00</b>	<b>-5.98%</b>	<b>9.17%</b>
<b>Sub-Total: Delivery</b>			<b>77,027.24</b>			<b>73,778.59</b>	<b>-3,248.65</b>	<b>-4.22%</b>	<b>11.82%</b>
Wholesale Market Service Rate	4,136,000	0.0036	14,889.60	4,136,000	0.0036	14,889.60	0.00	0.00%	2.38%
Rural Rate Protection Charge	4,136,000	0.0013	5,376.80	4,136,000	0.0013	5,376.80	0.00	0.00%	0.86%
Ontario Electricity Support Program	4,136,000	0.0011	4,549.60	4,136,000	0.0011	4,549.60	0.00	0.00%	0.73%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>24,816.25</b>			<b>24,816.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.97%</b>
<b>Debt Retirement Charge (DRC)</b>	4,000,000	0.007	<b>28,000.00</b>	4,000,000	0.007	<b>28,000.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.48%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>555,851.49</b>			<b>552,602.84</b>	<b>-3,248.65</b>	<b>-0.58%</b>	<b>88.50%</b>
<b>HST</b>		0.13	72,260.69		0.13	71,838.37	-422.32	-0.58%	11.50%
<b>Total Bill (including HST)</b>			<b>628,112.18</b>			<b>624,441.21</b>	<b>-3,670.97</b>	<b>-0.58%</b>	<b>100.00%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>628,112.18</b>			<b>624,441.21</b>	<b>-3,670.97</b>	<b>-0.58%</b>	<b>100.00%</b>



**2017 Bill Impacts (Low Consumption Level)**

Rate Class	SeasonalUR-AllFixed	UR
Monthly Consumption (kWh)	50	
Peak (kW)	0	
Loss factor - Seasonal	1.104	
Loss factor - UR	1.057	
Commodity Threshold	600	
Monthly Consumption (kWh) - Uplifted - Seasonal	55	
Monthly Consumption (kWh) - Uplifted - UR	53	
Charge determinant	kWh	

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	50	0.103	5.15	50	0.103	5.15	0.00	0.00%	11.29%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>5.15</b>			<b>5.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>11.29%</b>	
TOU-Off Peak	33	0.087	2.83	33	0.087	2.83	0.00	0.00%		6.13%
TOU-Mid Peak	9	0.132	1.12	9	0.132	1.12	0.00	0.00%		2.43%
TOU-On Peak	9	0.180	1.62	9	0.180	1.62	0.00	0.00%		3.51%
<b>Sub-Total: Energy (TOU)</b>			<b>5.57</b>			<b>5.57</b>	<b>0.00</b>	<b>0.00%</b>	<b>12.21%</b>	<b>12.08%</b>
Service Charge	1	32.47	32.47	1	32.24	32.24	-0.23	-0.70%	70.69%	69.93%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.8	0.80	1	0.71	0.71	-0.09	-11.25%	1.56%	1.54%
Distribution Volumetric Rate	50	0.0748	3.74	50	0	0.00	-3.74	-100.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider	50	0.0005	0.03	50	-0.0003	-0.02	-0.04	-160.00%	-0.03%	-0.03%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>37.04</b>			<b>32.94</b>	<b>-4.10</b>	<b>-11.06%</b>	<b>72.22%</b>	<b>71.43%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.73%	1.71%
Line Losses on Cost of Power (based on two-tier RPP prices)	5	0.10	0.54	3	0.10	0.29	-0.24	-45.19%	0.64%	0.64%
Line Losses on Cost of Power (based on TOU prices)	5	0.11	0.58	3	0.11	0.32	-0.26	-45.19%	0.70%	0.69%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>38.36</b>			<b>34.02</b>	<b>-4.34</b>	<b>-11.31%</b>	<b>74.59%</b>	<b>73.78%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>38.40</b>			<b>34.04</b>	<b>-4.36</b>	<b>-11.35%</b>	<b>74.65%</b>	<b>73.83%</b>
Retail Transmission Rate – Network Service Rate	55	0.0056	0.31	53	0.0068	0.36	0.05	16.26%	0.79%	0.78%
Retail Transmission Rate – Line and Transformation Connection \$	55	0.0042	0.23	53	0.005	0.26	0.03	13.98%	0.58%	0.57%
<b>Sub-Total: Retail Transmission</b>			<b>0.54</b>			<b>0.62</b>	<b>0.08</b>	<b>15.28%</b>	<b>1.37%</b>	<b>1.35%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>38.90</b>			<b>34.64</b>	<b>-4.26</b>	<b>-10.94%</b>	<b>75.96%</b>	<b>75.13%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>38.95</b>			<b>34.67</b>	<b>-4.28</b>	<b>-10.98%</b>	<b>76.01%</b>	<b>75.19%</b>
Wholesale Market Service Rate	55	0.0036	0.20	53	0.0036	0.19	-0.01	-4.26%	0.42%	0.41%
Rural Rate Protection Charge	55	0.0013	0.07	53	0.0013	0.07	0.00	-4.26%	0.15%	0.15%
Ontario Electricity Support Program	55	0.0011	0.06	53	0.0011	0.06	0.00	-4.26%	0.13%	0.13%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.55%	0.54%
<b>Sub-Total: Regulatory</b>			<b>0.58</b>			<b>0.57</b>	<b>-0.01</b>	<b>-2.43%</b>	<b>1.24%</b>	<b>1.23%</b>
Debt Retirement Charge (DRC)	50	0.000	0.00	50	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>44.63</b>			<b>40.36</b>	<b>-4.27</b>	<b>-9.57%</b>	<b>88.50%</b>	
HST		0.13	5.80		0.13	5.25	-0.56	-9.57%	11.50%	
<b>Total Bill (including HST)</b>			<b>50.44</b>			<b>45.61</b>	<b>-4.83</b>	<b>-9.57%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>50.44</b>			<b>45.61</b>	<b>-4.83</b>	<b>-9.57%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>45.10</b>			<b>40.80</b>	<b>-4.29</b>	<b>-9.52%</b>		<b>88.50%</b>
HST		0.13	5.86		0.13	5.30	-0.56	-9.52%		11.50%
<b>Total Bill (including HST)</b>			<b>50.96</b>			<b>46.11</b>	<b>-4.85</b>	<b>-9.52%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>50.96</b>			<b>46.11</b>	<b>-4.85</b>	<b>-9.52%</b>		<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	SeasonalUR-AllFixed	UR
Monthly Consumption (kWh)	350	
Peak (kW)	0	
Loss factor - Seasonal	1.104	
Loss factor - UR	1.057	
Commodity Threshold	600	
Monthly Consumption (kWh) - Uplifted - Seasonal	386	
Monthly Consumption (kWh) - Uplifted - UR	370	
Charge determinant	kWh	

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	350	0.103	36.05	350	0.103	36.05	0.00	0.00%	40.60%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.05</b>			<b>36.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>40.60%</b>	
TOU-Off Peak	228	0.087	19.79	228	0.087	19.79	0.00	0.00%		21.44%
TOU-Mid Peak	60	0.132	7.85	60	0.132	7.85	0.00	0.00%		8.51%
TOU-On Peak	63	0.180	11.34	63	0.180	11.34	0.00	0.00%		12.29%
<b>Sub-Total: Energy (TOU)</b>			<b>38.99</b>			<b>38.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.91%</b>	<b>42.24%</b>
Service Charge	1	32.47	32.47	1	32.24	32.24	-0.23	-0.70%	36.31%	34.93%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.8	0.80	1	0.71	0.71	-0.09	-11.25%	0.80%	0.77%
Distribution Volumetric Rate	350	0.0748	26.18	350	0	0.00	-26.18	-100.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider	350	0.0005	0.18	350	-0.0003	-0.11	-0.28	-160.00%	-0.12%	-0.11%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>59.63</b>			<b>32.85</b>	<b>-26.78</b>	<b>-44.91%</b>	<b>36.99%</b>	<b>35.59%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.89%	0.86%
Line Losses on Cost of Power (based on two-tier RPP prices)	36	0.10	3.75	20	0.10	2.05	-1.69	-45.19%	2.31%	2.23%
Line Losses on Cost of Power (based on TOU prices)	36	0.11	4.05	20	0.11	2.22	-1.83	-45.19%	2.50%	2.41%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>64.16</b>			<b>35.69</b>	<b>-28.47</b>	<b>-44.37%</b>	<b>40.20%</b>	<b>38.67%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>64.47</b>			<b>35.86</b>	<b>-28.61</b>	<b>-44.38%</b>	<b>40.39%</b>	<b>38.85%</b>
Retail Transmission Rate – Network Service Rate	386	0.0056	2.16	370	0.0068	2.52	0.35	16.26%	2.83%	2.73%
Retail Transmission Rate – Line and Transformation Connection \$	386	0.0042	1.62	370	0.005	1.85	0.23	13.98%	2.08%	2.00%
<b>Sub-Total: Retail Transmission</b>			<b>3.79</b>			<b>4.37</b>	<b>0.58</b>	<b>15.28%</b>	<b>4.92%</b>	<b>4.73%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>67.95</b>			<b>40.06</b>	<b>-27.89</b>	<b>-41.05%</b>	<b>45.11%</b>	<b>43.40%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>68.26</b>			<b>40.22</b>	<b>-28.03</b>	<b>-41.07%</b>	<b>45.30%</b>	<b>43.58%</b>
Wholesale Market Service Rate	386	0.0036	1.39	370	0.0036	1.33	-0.06	-4.26%	1.50%	1.44%
Rural Rate Protection Charge	386	0.0013	0.50	370	0.0013	0.48	-0.02	-4.26%	0.54%	0.52%
Ontario Electricity Support Program	386	0.0011	0.43	370	0.0011	0.41	-0.02	-4.26%	0.46%	0.44%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.28%	0.27%
<b>Sub-Total: Regulatory</b>			<b>2.57</b>			<b>2.47</b>	<b>-0.10</b>	<b>-3.84%</b>	<b>2.78%</b>	<b>2.68%</b>
Debt Retirement Charge (DRC)	350	0.000	0.00	350	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>106.57</b>			<b>78.58</b>	<b>-27.99</b>	<b>-26.27%</b>	<b>88.50%</b>	
HST		0.13	13.85		0.13	10.22	-3.64	-26.27%	11.50%	
<b>Total Bill (including HST)</b>			<b>120.42</b>			<b>88.79</b>	<b>-31.63</b>	<b>-26.27%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>120.42</b>			<b>88.79</b>	<b>-31.63</b>	<b>-26.27%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>109.81</b>			<b>81.68</b>	<b>-28.13</b>	<b>-25.62%</b>		<b>88.50%</b>
HST		0.13	14.28		0.13	10.62	-3.66	-25.62%		11.50%
<b>Total Bill (including HST)</b>			<b>124.09</b>			<b>92.30</b>	<b>-31.79</b>	<b>-25.62%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>124.09</b>			<b>92.30</b>	<b>-31.79</b>	<b>-25.62%</b>		<b>100.00%</b>

**2017 Bill Impacts (High Consumption Level)**

Rate Class	SeasonalUR-AllFixed	UR
Monthly Consumption (kWh)	1000	
Peak (kW)	0	
Loss factor - Seasonal	1.104	
Loss factor - UR	1.057	
Commodity Threshold	600	
Monthly Consumption (kWh) - Uplifted - Seasonal	1104	
Monthly Consumption (kWh) - Uplifted - UR	1057	
Charge determinant	kWh	

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	32.25%	
Energy Second Tier (kWh)	400	0.121	48.40	400	0.121	48.40	0.00	0.00%	25.25%	
<b>Sub-Total: Energy (RPP)</b>			<b>110.20</b>			<b>110.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.50%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		29.40%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		11.66%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		16.84%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.12%</b>	<b>57.90%</b>
Service Charge	1	32.47	32.47	1	32.24	32.24	-0.23	-0.70%	16.82%	16.76%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.8	0.80	1	0.71	0.71	-0.09	-11.25%	0.37%	0.37%
Distribution Volumetric Rate	1,000	0.0748	74.80	1,000	0	0.00	-74.80	-100.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider	1,000	0.0005	0.50	1,000	-0.0003	-0.30	-0.80	-160.00%	-0.16%	-0.16%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>108.57</b>			<b>32.65</b>	<b>-75.92</b>	<b>-69.93%</b>	<b>17.04%</b>	<b>16.97%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.41%	0.41%
Line Losses on Cost of Power (based on two-tier RPP prices)	104	0.12	12.58	57	0.12	6.90	-5.69	-45.19%	3.60%	3.59%
Line Losses on Cost of Power (based on TOU prices)	104	0.11	11.58	57	0.11	6.35	-5.24	-45.19%	3.31%	3.30%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>121.94</b>			<b>40.34</b>	<b>-81.60</b>	<b>-66.92%</b>	<b>21.05%</b>	<b>20.97%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>120.94</b>			<b>39.79</b>	<b>-81.15</b>	<b>-67.10%</b>	<b>20.76%</b>	<b>20.68%</b>
Retail Transmission Rate – Network Service Rate	1,104	0.0056	6.18	1,057	0.0068	7.19	1.01	16.26%	3.75%	3.74%
Retail Transmission Rate – Line and Transformation Connection \$	1,104	0.0042	4.64	1,057	0.005	5.29	0.65	13.98%	2.76%	2.75%
<b>Sub-Total: Retail Transmission</b>			<b>10.82</b>			<b>12.47</b>	<b>1.65</b>	<b>15.28%</b>	<b>6.51%</b>	<b>6.48%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>132.76</b>			<b>52.81</b>	<b>-79.95</b>	<b>-60.22%</b>	<b>27.56%</b>	<b>27.45%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>131.76</b>			<b>52.26</b>	<b>-79.50</b>	<b>-60.34%</b>	<b>27.27%</b>	<b>27.17%</b>
Wholesale Market Service Rate	1,104	0.0036	3.97	1,057	0.0036	3.81	-0.17	-4.26%	1.99%	1.98%
Rural Rate Protection Charge	1,104	0.0013	1.44	1,057	0.0013	1.37	-0.06	-4.26%	0.72%	0.71%
Ontario Electricity Support Program	1,104	0.0011	1.21	1,057	0.0011	1.16	-0.05	-4.26%	0.61%	0.60%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.13%	0.13%
<b>Sub-Total: Regulatory</b>			<b>6.87</b>			<b>6.59</b>	<b>-0.28</b>	<b>-4.10%</b>	<b>3.44%</b>	<b>3.43%</b>
Debt Retirement Charge (DRC)	1,000	0.000	0.00	1,000	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>249.84</b>			<b>169.60</b>	<b>-80.23</b>	<b>-32.11%</b>	<b>88.50%</b>	
HST		0.13	32.48		0.13	22.05	-10.43	-32.11%	11.50%	
<b>Total Bill (including HST)</b>			<b>282.32</b>			<b>191.65</b>	<b>-90.66</b>	<b>-32.11%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>282.32</b>			<b>191.65</b>	<b>-90.66</b>	<b>-32.11%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>250.03</b>			<b>170.25</b>	<b>-79.78</b>	<b>-31.91%</b>		<b>88.50%</b>
HST		0.13	32.50		0.13	22.13	-10.37	-31.91%		11.50%
<b>Total Bill (including HST)</b>			<b>282.53</b>			<b>192.38</b>	<b>-90.15</b>	<b>-31.91%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>282.53</b>			<b>192.38</b>	<b>-90.15</b>	<b>-31.91%</b>		<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	SeasonalR1-AllFixed	R1
Monthly Consumption (kWh)	50	
Peak (kW)	0	
Loss factor - Seasonal	1.104	
Loss factor - UR	1.076	
Commodity Threshold	600	
Monthly Consumption (kWh) - Uplifted - Seasonal	55	
Monthly Consumption (kWh) - Uplifted - UR	54	
Charge determinant	kWh	

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	50	0.103	5.15	50	0.103	5.15	0.00	0.00%	7.44%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>5.15</b>			<b>5.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.44%</b>	
TOU-Off Peak	33	0.087	2.83	33	0.087	2.83	0.00	0.00%		4.06%
TOU-Mid Peak	9	0.132	1.12	9	0.132	1.12	0.00	0.00%		1.61%
TOU-On Peak	9	0.180	1.62	9	0.180	1.62	0.00	0.00%		2.32%
<b>Sub-Total: Energy (TOU)</b>			<b>5.57</b>			<b>5.57</b>	<b>0.00</b>	<b>0.00%</b>	<b>8.05%</b>	<b>7.99%</b>
Service Charge	1	32.47	32.47	1	52.93	52.93	20.46	63.00%	76.49%	75.93%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.8	0.80	1	0.81	0.81	0.01	1.25%	1.17%	1.16%
Distribution Volumetric Rate	50	0.0748	3.74	50	0	0.00	-3.74	-100.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider	50	0.0005	0.03	50	-0.0002	-0.01	-0.04	-140.00%	-0.01%	-0.01%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>37.04</b>			<b>53.73</b>	<b>16.69</b>	<b>45.07%</b>	<b>77.65%</b>	<b>77.08%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.14%	1.13%
Line Losses on Cost of Power (based on two-tier RPP prices)	5	0.10	0.54	4	0.10	0.39	-0.14	-26.92%	0.57%	0.56%
Line Losses on Cost of Power (based on TOU prices)	5	0.11	0.58	4	0.11	0.42	-0.16	-26.92%	0.61%	0.61%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>38.36</b>			<b>54.91</b>	<b>16.55</b>	<b>43.14%</b>	<b>79.35%</b>	<b>78.77%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>38.40</b>			<b>54.94</b>	<b>16.54</b>	<b>43.06%</b>	<b>79.40%</b>	<b>78.82%</b>
Retail Transmission Rate – Network Service Rate	55	0.0056	0.31	54	0.0064	0.34	0.04	11.39%	0.50%	0.49%
Retail Transmission Rate – Line and Transformation Connection \$	55	0.0042	0.23	54	0.0048	0.26	0.03	11.39%	0.37%	0.37%
<b>Sub-Total: Retail Transmission</b>			<b>0.54</b>			<b>0.60</b>	<b>0.06</b>	<b>11.39%</b>	<b>0.87%</b>	<b>0.86%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>38.90</b>			<b>55.51</b>	<b>16.61</b>	<b>42.70%</b>	<b>80.22%</b>	<b>79.64%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>38.95</b>			<b>55.54</b>	<b>16.60</b>	<b>42.62%</b>	<b>80.27%</b>	<b>79.68%</b>
Wholesale Market Service Rate	55	0.0036	0.20	54	0.0036	0.19	-0.01	-2.54%	0.28%	0.28%
Rural Rate Protection Charge	55	0.0013	0.07	54	0.0013	0.07	0.00	-2.54%	0.10%	0.10%
Ontario Electricity Support Program	55	0.0011	0.06	54	0.0011	0.06	0.00	-2.54%	0.09%	0.08%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.36%	0.36%
<b>Sub-Total: Regulatory</b>			<b>0.58</b>			<b>0.57</b>	<b>-0.01</b>	<b>-1.45%</b>	<b>0.83%</b>	<b>0.82%</b>
Debt Retirement Charge (DRC)	50	0.000	0.00	50	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>44.63</b>			<b>61.23</b>	<b>16.60</b>	<b>37.19%</b>	<b>88.50%</b>	
HST		0.13	5.80		0.13	7.96	2.16	37.19%	11.50%	
<b>Total Bill (including HST)</b>			<b>50.44</b>			<b>69.19</b>	<b>18.76</b>	<b>37.19%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>50.44</b>			<b>69.19</b>	<b>18.76</b>	<b>37.19%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>45.10</b>			<b>61.68</b>	<b>16.59</b>	<b>36.79%</b>		<b>88.50%</b>
HST		0.13	5.86		0.13	8.02	2.16	36.79%		11.50%
<b>Total Bill (including HST)</b>			<b>50.96</b>			<b>69.70</b>	<b>18.75</b>	<b>36.79%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>50.96</b>			<b>69.70</b>	<b>18.75</b>	<b>36.79%</b>		<b>100.00%</b>

**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	SeasonalR1-AllFixed	R1
Monthly Consumption (kWh)	350	
Peak (kW)	0	
Loss factor - Seasonal	1.104	
Loss factor - UR	1.076	
Commodity Threshold	600	
Monthly Consumption (kWh) - Uplifted - Seasonal	386	
Monthly Consumption (kWh) - Uplifted - UR	377	
Charge determinant	kWh	

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	350	0.103	36.05	350	0.103	36.05	0.00	0.00%	31.91%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.05</b>			<b>36.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>31.91%</b>	
TOU-Off Peak	228	0.087	19.79	228	0.087	19.79	0.00	0.00%		16.98%
TOU-Mid Peak	60	0.132	7.85	60	0.132	7.85	0.00	0.00%		6.74%
TOU-On Peak	63	0.180	11.34	63	0.180	11.34	0.00	0.00%		9.73%
<b>Sub-Total: Energy (TOU)</b>			<b>38.99</b>			<b>38.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>34.51%</b>	<b>33.45%</b>
Service Charge	1	32.47	32.47	1	52.93	52.93	20.46	63.00%	46.85%	45.41%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.8	0.80	1	0.81	0.81	0.01	1.25%	0.72%	0.70%
Distribution Volumetric Rate	350	0.0748	26.18	350	0	0.00	-26.18	-100.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider	350	0.0005	0.18	350	-0.0002	-0.07	-0.25	-140.00%	-0.06%	-0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>59.63</b>			<b>53.67</b>	<b>-5.96</b>	<b>-9.99%</b>	<b>47.51%</b>	<b>46.05%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.70%	0.68%
Line Losses on Cost of Power (based on two-tier RPP prices)	36	0.10	3.75	27	0.10	2.74	-1.01	-26.92%	2.43%	2.35%
Line Losses on Cost of Power (based on TOU prices)	36	0.11	4.05	27	0.11	2.96	-1.09	-26.92%	2.62%	2.54%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>64.16</b>			<b>57.20</b>	<b>-6.97</b>	<b>-10.86%</b>	<b>50.63%</b>	<b>49.08%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>64.47</b>			<b>57.42</b>	<b>-7.05</b>	<b>-10.94%</b>	<b>50.83%</b>	<b>49.27%</b>
Retail Transmission Rate – Network Service Rate	386	0.0056	2.16	377	0.0064	2.41	0.25	11.39%	2.13%	2.07%
Retail Transmission Rate – Line and Transformation Connection \$	386	0.0042	1.62	377	0.0048	1.81	0.18	11.39%	1.60%	1.55%
<b>Sub-Total: Retail Transmission</b>			<b>3.79</b>			<b>4.22</b>	<b>0.43</b>	<b>11.39%</b>	<b>3.73%</b>	<b>3.62%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>67.95</b>			<b>61.41</b>	<b>-6.54</b>	<b>-9.62%</b>	<b>54.36%</b>	<b>52.70%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>68.26</b>			<b>61.64</b>	<b>-6.62</b>	<b>-9.70%</b>	<b>54.56%</b>	<b>52.89%</b>
Wholesale Market Service Rate	386	0.0036	1.39	377	0.0036	1.36	-0.04	-2.54%	1.20%	1.16%
Rural Rate Protection Charge	386	0.0013	0.50	377	0.0013	0.49	-0.01	-2.54%	0.43%	0.42%
Ontario Electricity Support Program	386	0.0011	0.43	377	0.0011	0.41	-0.01	-2.54%	0.37%	0.36%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.22%	0.21%
<b>Sub-Total: Regulatory</b>			<b>2.57</b>			<b>2.51</b>	<b>-0.06</b>	<b>-2.29%</b>	<b>2.22%</b>	<b>2.15%</b>
Debt Retirement Charge (DRC)	350	0.000	0.00	350	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>106.57</b>			<b>99.97</b>	<b>-6.60</b>	<b>-6.19%</b>	<b>88.50%</b>	
HST		0.13	13.85		0.13	13.00	-0.86	-6.19%	11.50%	
<b>Total Bill (including HST)</b>			<b>120.42</b>			<b>112.97</b>	<b>-7.45</b>	<b>-6.19%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>120.42</b>			<b>112.97</b>	<b>-7.45</b>	<b>-6.19%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>109.81</b>			<b>103.13</b>	<b>-6.68</b>	<b>-6.08%</b>		<b>88.50%</b>
HST		0.13	14.28		0.13	13.41	-0.87	-6.08%		11.50%
<b>Total Bill (including HST)</b>			<b>124.09</b>			<b>116.54</b>	<b>-7.55</b>	<b>-6.08%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>124.09</b>			<b>116.54</b>	<b>-7.55</b>	<b>-6.08%</b>		<b>100.00%</b>

**2017 Bill Impacts (High Consumption Level)**

Rate Class	SeasonalR1-AllFixed	R1
Monthly Consumption (kWh)	1000	
Peak (kW)	0	
Loss factor - Seasonal	1.104	
Loss factor - UR	1.076	
Commodity Threshold	600	
Monthly Consumption (kWh) - Uplifted - Seasonal	1104	
Monthly Consumption (kWh) - Uplifted - UR	1076	
Charge determinant	kWh	

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	28.41%	
Energy Second Tier (kWh)	400	0.121	48.40	400	0.121	48.40	0.00	0.00%	22.25%	
<b>Sub-Total: Energy (RPP)</b>			<b>110.20</b>			<b>110.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.67%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		25.94%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		10.29%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		14.86%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.21%</b>	<b>51.09%</b>
Service Charge	1	32.47	32.47	1	52.93	52.93	20.46	63.00%	24.33%	24.28%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.8	0.80	1	0.81	0.81	0.01	1.25%	0.37%	0.37%
Distribution Volumetric Rate	1,000	0.0748	74.80	1,000	0	0.00	-74.80	-100.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider	1,000	0.0005	0.50	1,000	-0.0002	-0.20	-0.70	-140.00%	-0.09%	-0.09%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>108.57</b>			<b>53.54</b>	<b>-55.03</b>	<b>-50.69%</b>	<b>24.61%</b>	<b>24.56%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.36%	0.36%
Line Losses on Cost of Power (based on two-tier RPP prices)	104	0.12	12.58	76	0.12	9.20	-3.39	-26.92%	4.23%	4.22%
Line Losses on Cost of Power (based on TOU prices)	104	0.11	11.58	76	0.11	8.47	-3.12	-26.92%	3.89%	3.88%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>121.94</b>			<b>63.52</b>	<b>-58.42</b>	<b>-47.91%</b>	<b>29.21%</b>	<b>29.14%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>120.94</b>			<b>62.79</b>	<b>-58.15</b>	<b>-48.08%</b>	<b>28.87%</b>	<b>28.80%</b>
Retail Transmission Rate – Network Service Rate	1,104	0.0056	6.18	1,076	0.0064	6.89	0.70	11.39%	3.17%	3.16%
Retail Transmission Rate – Line and Transformation Connection \$	1,104	0.0042	4.64	1,076	0.0048	5.16	0.53	11.39%	2.37%	2.37%
<b>Sub-Total: Retail Transmission</b>			<b>10.82</b>			<b>12.05</b>	<b>1.23</b>	<b>11.39%</b>	<b>5.54%</b>	<b>5.53%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>132.76</b>			<b>75.57</b>	<b>-57.19</b>	<b>-43.08%</b>	<b>34.75%</b>	<b>34.66%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>131.76</b>			<b>74.84</b>	<b>-56.92</b>	<b>-43.20%</b>	<b>34.41%</b>	<b>34.33%</b>
Wholesale Market Service Rate	1,104	0.0036	3.97	1,076	0.0036	3.87	-0.10	-2.54%	1.78%	1.78%
Rural Rate Protection Charge	1,104	0.0013	1.44	1,076	0.0013	1.40	-0.04	-2.54%	0.64%	0.64%
Ontario Electricity Support Program	1,104	0.0011	1.21	1,076	0.0011	1.18	-0.03	-2.54%	0.54%	0.54%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.11%	0.11%
<b>Sub-Total: Regulatory</b>			<b>6.87</b>			<b>6.71</b>	<b>-0.17</b>	<b>-2.44%</b>	<b>3.08%</b>	<b>3.08%</b>
Debt Retirement Charge (DRC)	1,000	0.000	0.00	1,000	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>249.84</b>			<b>192.48</b>	<b>-57.36</b>	<b>-22.96%</b>	<b>88.50%</b>	
HST		0.13	32.48		0.13	25.02	-7.46	-22.96%	11.50%	
<b>Total Bill (including HST)</b>			<b>282.32</b>			<b>217.50</b>	<b>-64.81</b>	<b>-22.96%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>282.32</b>			<b>217.50</b>	<b>-64.81</b>	<b>-22.96%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>250.03</b>			<b>192.94</b>	<b>-57.09</b>	<b>-22.83%</b>		<b>88.50%</b>
HST		0.13	32.50		0.13	25.08	-7.42	-22.83%		11.50%
<b>Total Bill (including HST)</b>			<b>282.53</b>			<b>218.02</b>	<b>-64.51</b>	<b>-22.83%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>282.53</b>			<b>218.02</b>	<b>-64.51</b>	<b>-22.83%</b>		<b>100.00%</b>

**2017 Bill Impacts (Low Consumption Level)**

Rate Class	SeasonalR2-AllFixed	R2
Monthly Consumption (kWh)	50	
Peak (kW)	0	
Loss factor - Seasonal	1.104	
Loss factor - UR	1.105	
Commodity Threshold	600	
Monthly Consumption (kWh) - Uplifted - Seasonal	55	
Monthly Consumption (kWh) - Uplifted - UR	55	
Charge determinant	kWh	

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	50	0.103	5.15	50	0.103	5.15	0.00	0.00%	3.66%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>5.15</b>			<b>5.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.66%</b>	
TOU-Off Peak	33	0.087	2.83	33	0.087	2.83	0.00	0.00%		2.00%
TOU-Mid Peak	9	0.132	1.12	9	0.132	1.12	0.00	0.00%		0.80%
TOU-On Peak	9	0.180	1.62	9	0.180	1.62	0.00	0.00%		1.15%
<b>Sub-Total: Energy (TOU)</b>			<b>5.57</b>			<b>5.57</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.96%</b>	<b>3.95%</b>
Service Charge	1	32.47	32.47	1	115.40	115.40	82.93	255.41%	82.08%	81.78%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.8	0.80	1	1.34	1.34	0.54	67.50%	0.95%	0.95%
Distribution Volumetric Rate	50	0.0748	3.74	50	0	0.00	-3.74	-100.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider	50	0.0005	0.03	50	0	0.00	-0.03	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>37.04</b>			<b>116.74</b>	<b>79.71</b>	<b>215.22%</b>	<b>83.04%</b>	<b>82.73%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.56%	0.56%
Line Losses on Cost of Power (based on two-tier RPP prices)	5	0.10	0.54	5	0.10	0.54	0.01	0.96%	0.38%	0.38%
Line Losses on Cost of Power (based on TOU prices)	5	0.11	0.58	5	0.11	0.58	0.01	0.96%	0.42%	0.41%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>38.36</b>			<b>118.07</b>	<b>79.71</b>	<b>207.80%</b>	<b>83.98%</b>	<b>83.67%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>38.40</b>			<b>118.12</b>	<b>79.71</b>	<b>207.56%</b>	<b>84.01%</b>	<b>83.70%</b>
Retail Transmission Rate – Network Service Rate	55	0.0056	0.31	55	0.0064	0.35	0.04	14.39%	0.25%	0.25%
Retail Transmission Rate – Line and Transformation Connection S	55	0.0042	0.23	55	0.0047	0.26	0.03	12.01%	0.18%	0.18%
<b>Sub-Total: Retail Transmission</b>			<b>0.54</b>			<b>0.61</b>	<b>0.07</b>	<b>13.37%</b>	<b>0.44%</b>	<b>0.43%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>38.90</b>			<b>118.69</b>	<b>79.78</b>	<b>205.09%</b>	<b>84.42%</b>	<b>84.11%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>38.95</b>			<b>118.73</b>	<b>79.79</b>	<b>204.87%</b>	<b>84.45%</b>	<b>84.14%</b>
Wholesale Market Service Rate	55	0.0036	0.20	55	0.0036	0.20	0.00	0.09%	0.14%	0.14%
Rural Rate Protection Charge	55	0.0013	0.07	55	0.0013	0.07	0.00	0.09%	0.05%	0.05%
Ontario Electricity Support Program	55	0.0011	0.06	55	0.0011	0.06	0.00	0.09%	0.04%	0.04%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.18%	0.18%
<b>Sub-Total: Regulatory</b>			<b>0.58</b>			<b>0.58</b>	<b>0.00</b>	<b>0.05%</b>	<b>0.41%</b>	<b>0.41%</b>
Debt Retirement Charge (DRC)	50	0.000	0.00	50	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>44.63</b>			<b>124.42</b>	<b>79.79</b>	<b>178.76%</b>	<b>88.50%</b>	
HST		0.13	5.80		0.13	16.17	10.37	178.76%	11.50%	
<b>Total Bill (including HST)</b>			<b>50.44</b>			<b>140.59</b>	<b>90.16</b>	<b>178.76%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>50.44</b>			<b>140.59</b>	<b>90.16</b>	<b>178.76%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>45.10</b>			<b>124.88</b>	<b>79.79</b>	<b>176.92%</b>		<b>88.50%</b>
HST		0.13	5.86		0.13	16.23	10.37	176.92%		11.50%
<b>Total Bill (including HST)</b>			<b>50.96</b>			<b>141.12</b>	<b>90.16</b>	<b>176.92%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>50.96</b>			<b>141.12</b>	<b>90.16</b>	<b>176.92%</b>		<b>100.00%</b>



**2017 Bill Impacts (Typical Consumption Level)**

Rate Class	SeasonalR2-AllFixed	R2
Monthly Consumption (kWh)	350	
Peak (kW)	0	
Loss factor - Seasonal	1.104	
Loss factor - UR	1.105	
Commodity Threshold	600	
Monthly Consumption (kWh) - Uplifted - Seasonal	386	
Monthly Consumption (kWh) - Uplifted - UR	387	
Charge determinant	kWh	

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	350	0.103	36.05	350	0.103	36.05	0.00	0.00%	19.43%	
Energy Second Tier (kWh)	0	0.121	0.00	0	0.121	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>36.05</b>			<b>36.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>19.43%</b>	
TOU-Off Peak	228	0.087	19.79	228	0.087	19.79	0.00	0.00%		10.46%
TOU-Mid Peak	60	0.132	7.85	60	0.132	7.85	0.00	0.00%		4.15%
TOU-On Peak	63	0.180	11.34	63	0.180	11.34	0.00	0.00%		5.99%
<b>Sub-Total: Energy (TOU)</b>			<b>38.99</b>			<b>38.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>21.01%</b>	<b>20.60%</b>
Service Charge	1	32.47	32.47	1	115.40	115.40	82.93	255.41%	62.18%	60.98%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.8	0.80	1	1.34	1.34	0.54	67.50%	0.72%	0.71%
Distribution Volumetric Rate	350	0.0748	26.18	350	0	0.00	-26.18	-100.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider	350	0.0005	0.18	350	0	0.00	-0.18	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>59.63</b>			<b>116.74</b>	<b>57.12</b>	<b>95.79%</b>	<b>62.91%</b>	<b>61.69%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.43%	0.42%
Line Losses on Cost of Power (based on two-tier RPP prices)	36	0.10	3.75	37	0.10	3.79	0.04	0.96%	2.04%	2.00%
Line Losses on Cost of Power (based on TOU prices)	36	0.11	4.05	37	0.11	4.09	0.04	0.96%	2.21%	2.16%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>64.16</b>			<b>121.32</b>	<b>57.15</b>	<b>89.07%</b>	<b>65.37%</b>	<b>64.11%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>64.47</b>			<b>121.63</b>	<b>57.16</b>	<b>88.66%</b>	<b>65.54%</b>	<b>64.27%</b>
Retail Transmission Rate – Network Service Rate	386	0.0056	2.16	387	0.0064	2.48	0.31	14.39%	1.33%	1.31%
Retail Transmission Rate – Line and Transformation Connection S	386	0.0042	1.62	387	0.0047	1.82	0.19	12.01%	0.98%	0.96%
<b>Sub-Total: Retail Transmission</b>			<b>3.79</b>			<b>4.29</b>	<b>0.51</b>	<b>13.37%</b>	<b>2.31%</b>	<b>2.27%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>67.95</b>			<b>125.61</b>	<b>57.66</b>	<b>84.85%</b>	<b>67.68%</b>	<b>66.37%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>68.26</b>			<b>125.92</b>	<b>57.66</b>	<b>84.48%</b>	<b>67.85%</b>	<b>66.54%</b>
Wholesale Market Service Rate	386	0.0036	1.39	387	0.0036	1.39	0.00	0.09%	0.75%	0.74%
Rural Rate Protection Charge	386	0.0013	0.50	387	0.0013	0.50	0.00	0.09%	0.27%	0.27%
Ontario Electricity Support Program	386	0.0011	0.43	387	0.0011	0.43	0.00	0.09%	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%	0.13%	0.13%
<b>Sub-Total: Regulatory</b>			<b>2.57</b>			<b>2.57</b>	<b>0.00</b>	<b>0.08%</b>	<b>1.39%</b>	<b>1.36%</b>
<b>Debt Retirement Charge (DRC)</b>	350	0.000	<b>0.00</b>	350	0.000	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>106.57</b>			<b>164.23</b>	<b>57.66</b>	<b>54.11%</b>	<b>88.50%</b>	
HST		0.13	13.85		0.13	21.35	7.50	54.11%	11.50%	
<b>Total Bill (including HST)</b>			<b>120.42</b>			<b>185.58</b>	<b>65.16</b>	<b>54.11%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>120.42</b>			<b>185.58</b>	<b>65.16</b>	<b>54.11%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>109.81</b>			<b>167.48</b>	<b>57.66</b>	<b>52.51%</b>		<b>88.50%</b>
HST		0.13	14.28		0.13	21.77	7.50	52.51%		11.50%
<b>Total Bill (including HST)</b>			<b>124.09</b>			<b>189.25</b>	<b>65.16</b>	<b>52.51%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>124.09</b>			<b>189.25</b>	<b>65.16</b>	<b>52.51%</b>		<b>100.00%</b>



**2017 Bill Impacts (High Consumption Level)**

Rate Class	Seasonal R2-All Fixed	R2
Monthly Consumption (kWh)	1000	
Peak (kW)	0	
Loss factor - Seasonal	1.104	
Loss factor - UR	1.105	
Commodity Threshold	600	
Monthly Consumption (kWh) - Uplifted - Seasonal	1104	
Monthly Consumption (kWh) - Uplifted - UR	1105	
Charge determinant	kWh	

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.103	61.80	600	0.103	61.80	0.00	0.00%	21.07%	
Energy Second Tier (kWh)	400	0.121	48.40	400	0.121	48.40	0.00	0.00%	16.50%	
<b>Sub-Total: Energy (RPP)</b>			<b>110.20</b>			<b>110.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>37.57%</b>	
TOU-Off Peak	650	0.087	56.55	650	0.087	56.55	0.00	0.00%		19.27%
TOU-Mid Peak	170	0.132	22.44	170	0.132	22.44	0.00	0.00%		7.64%
TOU-On Peak	180	0.180	32.40	180	0.180	32.40	0.00	0.00%		11.04%
<b>Sub-Total: Energy (TOU)</b>			<b>111.39</b>			<b>111.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>37.97%</b>	<b>37.95%</b>
Service Charge	1	32.47	32.47	1	115.40	115.40	82.93	255.41%	39.34%	39.31%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Deferral/Variance Account Rider	1	0.8	0.80	1	1.34	1.34	0.54	67.50%	0.46%	0.46%
Distribution Volumetric Rate	1,000	0.0748	74.80	1,000	0	0.00	-74.80	-100.00%	0.00%	0.00%
Volumetric Deferral/Variance Account Rider	1,000	0.0005	0.50	1,000	0	0.00	-0.50	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>108.57</b>			<b>116.74</b>	<b>8.17</b>	<b>7.53%</b>	<b>39.80%</b>	<b>39.77%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.27%	0.27%
Line Losses on Cost of Power (based on two-tier RPP prices)	104	0.12	12.58	105	0.12	12.71	0.12	0.96%	4.33%	4.33%
Line Losses on Cost of Power (based on TOU prices)	104	0.11	11.58	105	0.11	11.70	0.11	0.96%	3.99%	3.98%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>121.94</b>			<b>130.24</b>	<b>8.29</b>	<b>6.80%</b>	<b>44.40%</b>	<b>44.37%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>120.94</b>			<b>129.23</b>	<b>8.28</b>	<b>6.85%</b>	<b>44.06%</b>	<b>44.03%</b>
Retail Transmission Rate – Network Service Rate	1,104	0.0056	6.18	1,105	0.0064	7.07	0.89	14.39%	2.41%	2.41%
Retail Transmission Rate – Line and Transformation Connection S	1,104	0.0042	4.64	1,105	0.0047	5.19	0.56	12.01%	1.77%	1.77%
<b>Sub-Total: Retail Transmission</b>			<b>10.82</b>			<b>12.27</b>	<b>1.45</b>	<b>13.37%</b>	<b>4.18%</b>	<b>4.18%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>132.76</b>			<b>142.50</b>	<b>9.74</b>	<b>7.34%</b>	<b>48.58%</b>	<b>48.55%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>131.76</b>			<b>141.49</b>	<b>9.73</b>	<b>7.38%</b>	<b>48.24%</b>	<b>48.20%</b>
Wholesale Market Service Rate	1,104	0.0036	3.97	1,105	0.0036	3.98	0.00	0.09%	1.36%	1.36%
Rural Rate Protection Charge	1,104	0.0013	1.44	1,105	0.0013	1.44	0.00	0.09%	0.49%	0.49%
Ontario Electricity Support Program	1,104	0.0011	1.21	1,105	0.0011	1.22	0.00	0.09%	0.41%	0.41%
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%
<b>Sub-Total: Regulatory</b>			<b>6.87</b>			<b>6.88</b>	<b>0.01</b>	<b>0.09%</b>	<b>2.35%</b>	<b>2.34%</b>
Debt Retirement Charge (DRC)	1,000	0.000	0.00	1,000	0.000	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>249.84</b>			<b>259.58</b>	<b>9.75</b>	<b>3.90%</b>	<b>88.50%</b>	
HST		0.13	32.48		0.13	33.75	1.27	3.90%	11.50%	
<b>Total Bill (including HST)</b>			<b>282.32</b>			<b>293.33</b>	<b>11.01</b>	<b>3.90%</b>	<b>100.00%</b>	
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%	0.00%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>282.32</b>			<b>293.33</b>	<b>11.01</b>	<b>3.90%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>250.03</b>			<b>259.76</b>	<b>9.74</b>	<b>3.89%</b>		<b>88.50%</b>
HST		0.13	32.50		0.13	33.77	1.27	3.89%		11.50%
<b>Total Bill (including HST)</b>			<b>282.53</b>			<b>293.53</b>	<b>11.00</b>	<b>3.89%</b>		<b>100.00%</b>
Ontario Clean Energy Benefit (OCEB)		0.00	0.00		0.00	0.00	0.00	0.00%		0.00%
<b>Total Bill on TOU (including OCEB)</b>			<b>282.53</b>			<b>293.53</b>	<b>11.00</b>	<b>3.89%</b>		<b>100.00%</b>

## NOTICE OF PROCEEDING

The Ontario Energy Board (OEB) has decided that Hydro One’s Seasonal Class, which is referred to on customer bills as service type, should be eliminated and existing seasonal customers reclassified to one of Hydro One’s other residential service types based on density. Hydro One has filed with the OEB an updated “Report on the Elimination of the Seasonal Class” that assesses the impact on customers as a result of eliminating the Seasonal service type. The OEB is initiating a proceeding under section 78 of the *Ontario Energy Board Act, 1998* to consider the remaining steps for elimination of the Seasonal service type.

You are presently classified as a seasonal customer. As a result of eliminating the Seasonal service type, Hydro One anticipates that you will move to the residential [insert either medium density, low density or urban high density] service type.

The estimated impact in 2017 as a result of eliminating the Seasonal service type is shown in the table below for a range of average monthly consumption. Your average monthly consumption based on your usage over the last 12 months is [insert customer specific consumption value] kWh.

Your final residential service type is still subject to verification and may change. As such, you should understand the range of possible impacts shown in the table below.

### Monthly Bill Impact on Seasonal Customers in 2017 due to Elimination of the Seasonal Service Type

Average Monthly Consumption	2016 Average Monthly Total Bill	2017 <i>Change</i> in Average Monthly Total Bill					
		Seasonal Moving to Residential Low Density		Seasonal Moving to Residential Medium Density		Seasonal Moving to Residential Urban High Density	
kWh	\$/month	\$/month	%	\$/month	%	\$/month	%
50	\$50.96	\$47.29	93%	-\$5.74	-11%	-\$16.41	-32%
350	\$124.09	\$38.31	31%	-\$20.32	-16%	-\$36.07	-29%
1000	\$282.53	\$18.85	7%	-\$51.90	-18%	-\$78.68	-28%

As required by the OEB, Hydro One is also in the process of moving to fixed distribution rates for all residential and seasonal customers. This will also affect the elimination of the Seasonal service type. Please see the table below for the expected monthly bill impacts once the Seasonal service type is eliminated and the move to fixed distribution rates is completed.

**Expected Monthly Bill Impact on Seasonal Customers After the Seasonal Service Type is Eliminated and the Move to Fixed Residential Rates is Completed**

Average Monthly Consumption	2016 Average Monthly Total Bill	Expected <i>Change</i> in Average Monthly Total Bill					
		Seasonal Moving to Residential Low Density		Seasonal Moving to Residential Medium Density		Seasonal Moving to Residential Urban High Density	
kWh	\$/month	\$/month	%	\$/month	%	\$/month	%
50	\$50.96	+ \$90.14	+177%	+ \$18.75	+37%	- \$4.85	-10%
350	\$124.09	+ \$65.14	+52%	- \$7.55	-6%	- \$31.79	-26%
1000	\$282.53	+ \$10.98	+4%	- \$64.51	-23%	- \$90.15	-32%

Given that the impact on some customers' monthly bills will be significant, Hydro One is proposing to provide a credit on seasonal customers' bills so that the increase in their total bill will be no more than 10% *per year* during the transition to their new residential service type.

**ELIGIBILITY FOR RURAL AND REMOTE RATE PROTECTION ("RRRP")**

An RRRP credit of \$60.50 per month is available to low density year-round residential customers. As a seasonal customer you do not qualify for RRRP unless you meet the year-round residential criteria shown below. If you qualify to be categorized as a year-round residential customer, you can submit a completed declaration form to Hydro One. The declaration form and instructions for applying for year-round residential status are available at [www.HydroOne.com/ServiceRequests/](http://www.HydroOne.com/ServiceRequests/) or you can contact Hydro One's Call Centre at 1-888-664-9376, or by email at [CustomerCommunications@HydroOne.com](mailto:CustomerCommunications@HydroOne.com) to have a copy of the application material mailed to you.

To be categorized as year-round residential, all of the following criteria must be met:

- (i) You as the customer represents and warrants to Hydro One that for so long as you have year-round residential rate status for the identified dwelling, you will not designate another property that you own as a year-round residence for purposes of Hydro One's Rate classification;
- (ii) You as the customer must live in this residence for at least four (4) days of the week for eight (8) months of the year and you do 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.

**THE ONTARIO ENERGY BOARD IS HOLDING A PUBLIC HEARING**

The OEB will hold a public hearing to consider Hydro One's Report. The OEB will question the company on the findings in its Report. The OEB will also hear arguments from individuals

and from groups that represent Hydro One's customers. At the end of this hearing, the OEB will decide on the next steps with respect to eliminating the Seasonal service type.

The OEB is an independent and impartial public agency. The OEB makes decisions that serve the public interest. The OEB's goal is to promote a financially viable and efficient energy sector that provides you with reliable energy services at a reasonable cost.

### **BE INFORMED AND HAVE YOUR SAY**

You have the right to information about this proceeding and to be involved in the process. You can:

- Review Hydro One's Report on the OEB's website now.
- Sign up to observe the proceeding by receiving OEB documents related to this hearing.
- File a letter with your comments, which will be considered during the hearing.
- Become an active participant (called an intervenor). Apply by [insert actual date 10 calendar days from date letter sent to customers] or the hearing will go ahead without you and you will not receive any further notice of the proceeding.
- At the end of the process, review the OEB's decision and its reasons on the OEB's website.

### **LEARN MORE**

The proposed changes to the Seasonal service type relate to Hydro One's distribution services. They make up part of the Delivery line - one of the four line items on your bill. The OEB's file number for this case is EB-2016-0315. To learn more about this hearing, find instructions on how to file letters or become an intervenor, or to access any document related to this case please select the appropriate proceeding from the list at the OEB website: [www.ontarioenergyboard.ca/notice](http://www.ontarioenergyboard.ca/notice). You can also phone the OEB's Consumer Relations Centre at 1-877-632-2727 with any questions.

### **ORAL VS. WRITTEN HEARINGS**

There are two types of OEB hearings – oral and written. If you have a preference as to which hearing type should be held, you can write to the OEB to express your preference and explain why.

### **PRIVACY**

*If you write a letter of comment or sign up to observe the hearing, your name and the content of your letter or the documents you file with the OEB will be put on the public record and the OEB website. However, your personal telephone number, home address and email address will be removed. If you are a business, all your information will remain public. If you apply to become an intervenor, all information will be public.*

*This rate hearing will be held under section 78 of the Ontario Energy Board Act, 1998, S.O. 1998 c.15 (Schedule B).*