

## CUSTOMER CLASSIFICATION

### 1.0 RATE CLASS REVIEW

In accordance with the Board Decision on Hydro One's IRM application EB-2012-0136 with respect to issue #13 of the settlement agreement, Hydro One has reviewed its customer rate classification to ensure that all customers are classified in accordance with the Company's currently approved density-based rate classes.

The rate class review leveraged the new functionality available through Hydro One's Geographic Information System ("GIS") to identify clusters of customers and the circuit-kilometers ("cct-km") of distribution line required to serve those customers to verify that the density zone criteria for Hydro One's density-based rate classes are being satisfied. Hydro One's residential and general service rate classes are tied to the identification of the following density zones:

- High (Urban) Density Zone:  $\geq 3000$  customers and  $\geq 60$  cust/cct-km
- Medium Density Zone:  $\geq 100$  customers and  $\geq 15$  cust/cct-km
- Low Density Zone: Areas that are not Medium or High Density

The rate class review used the following methodology to define density zones:

1. GIS system used to identify core clusters of contiguous customers
2. Density zone boundary extended out from core cluster of contiguous customers in all directions to:
  - easily identifiable and communicated physical boundaries (e.g. highways/roads, railways, rivers, lakes)

- non-physical boundaries identifiable within the GIS system (e.g. property lines) where physical boundaries are remotely located from customer clusters
3. Combined customer clusters that are located close to each other into a larger, single density zone, where it helped to mitigate negative impacts to existing customer classifications
  4. Determined the circuit-km of distribution line within a proposed density zone boundary and calculated the number of customers per cct-km of line
  5. Confirmed the density zone definition applicable to the total number of customers and customers/cct-km for a proposed density zone boundary

In a few situations, a (-10%) deadband was applied to the density zone definition where a majority of customers within a proposed density zone boundary would be negatively impacted as a result of moving to a lower-density rate class.

While the density zone definition always applies to a core cluster of contiguous customers, extending the density zone boundary out from a core cluster per the criteria noted does result in a density zone value below the 10% deadband for a limited number of density zone boundaries.

As shown in Table 1, the rate class review results in 11% of Hydro One customers being reclassified, with the vast majority of those moving to a higher-density rate class with lower rates. The customer reclassifications identified by the rate class review have been incorporated into the customer load forecast included with this application for the 2015-2019 Custom COS period.

**Table 1. Summary of Rate Class Review Results**

	# of Customers	% of Total
Total	1,222,548	100.0%
No Change	1,087,980	89.0%
Total Changing	134,568	11.0%
<b><i>Lower Rates</i></b>	<b><i>112,019</i></b>	<b><i>9.2%</i></b>
R1 to UR	40,023	3.3%
R2 to UR	1,815	0.1%
R2 to R1	63,670	5.2%
GSe to UGe	5,733	0.5%
GSd to UGd	778	0.1%
<b><i>Higher Rates</i></b>	<b><i>22,549</i></b>	<b><i>1.8%</i></b>
UR to R1	5,704	0.5%
UR to R2	439	<0.1%
R1 to R2	16,028	1.3%
UGe to GSe	311	<0.1%
UGd to GSd	67	<0.1%

The net impact of the rate class review is a drop of about \$40M in revenue at current rates. While many customers will see lower bills as a result of implementing the rate class review findings, customers will experience about a 3.4% increase on average across all rate classes to make up for the revenue deficiency resulting from the large number of customers moving to rate classes with lower rates.

The rate class review has resulted in a tool that has been incorporated into Hydro One's customer service processes to ensure that all new and existing customers are classified in their correct rate classes on a going forward basis.

Hydro One proposes to update the rate class review on a province-wide basis every 5 years to coincide with the resetting of rates as part of a rates application. Individual

1 density zones will be updated in the interim period between rates applications if there are  
2 property developments within or adjacent to a density zone that result in a material  
3 change to the rate classification of affected customers.

## 4 5 **2.0 NEW UNMETERED SCATTERED LOAD (USL) RATE CLASS**

6  
7 Per the direction of the Board in its report *Review of Electricity Distribution Cost*  
8 *Allocation Policy* issued March 31, 2011, Hydro One has created a separate USL rate  
9 class.

10  
11 Hydro One proactively undertook a study to measure the hourly load profiles of cable  
12 boxes starting in late 2010 in anticipation of the need to create a separate USL rate class.  
13 Three cable companies (Rogers, Cogeco and East Link) provided site specific  
14 information of their equipment to Hydro One for sample selection purposes. A total of  
15 35 interval meters were installed across Ontario to measure the hourly load. Cable  
16 equipment monitored included cable boxes with and without battery heating mats.  
17 Hourly load data was collected for a period of a year. Regression analysis was performed  
18 and weather normalized load profiles were generated. The results of this study, combined  
19 with profiles of other types of non-weather sensitive USL loads, were used to produce the  
20 USL hourly load profiles for this application.

21  
22 USL customers were previously treated as General Service energy (“GSe”) customers,  
23 with a reduced monthly fixed charge to reflect that USL customers do not have any  
24 metering related costs. The number of USL customers and forecast kWh represented  
25 only a small portion of the GSe customers and load, and as such, the separation of this  
26 class has resulted in a negligible impact to the allocation of GSe costs. The creation of a  
27 separate USL rate class will have a small impact on other rate classes given that the USL

1 class' R/C ratio, as discussed in Exhibit G1, Tab 3, Schedule 1, is above the Board  
2 approved range and Hydro One plans to bring the R/C ratios for all its rate classes to a  
3 range of 98% to 102%.

4 A new USL rate class has been created in the Board's Cost Allocation Model ("CAM")  
5 and populated with all required inputs. The CAM results for the USL rate class are  
6 included in the discussion of cost allocation in Exhibit G1, Tab 3, Schedule 1.

### 7 8 **3.0 REVIEW OF SEASONAL RATE CLASS**

9  
10 In accordance with the Board Decision on Hydro One's IRM application EB-2012-0136  
11 with respect to issue #17 of the settlement agreement, Hydro One has consulted with  
12 interested stakeholders to review the rates for Seasonal customers. The intent of the  
13 review was to ensure that Seasonal rates are fair and equitable, and in accordance with  
14 rate making principles.

15  
16 Hydro One consulted with stakeholders on three occasions as part of the broader  
17 stakeholder sessions for the Custom COS period, described in Exhibit A, Tab 20,  
18 Schedule 1. Hydro One also engaged the consulting firm Citizen Optimum to conduct a  
19 series of focus groups with Seasonal customers. The report on the focus group findings is  
20 provided in Exhibit G1, Tab 2, Schedule 2. The focus groups were used to gather  
21 participant opinions on fair rate designs for Seasonal customers, and to solicit and present  
22 options for revising the existing Seasonal rate structure. The option preferred by focus  
23 group participants was to move Seasonal customers that have consumption characteristics  
24 similar to year-round residential customers to the residential customer classes. Hydro One  
25 had received similar feedback during the stakeholder sessions.

26  
27 A review of Hydro One's historical consumption data indicates that there are a number of  
28 Seasonal customers that have annual consumption and monthly load profile

1 characteristics very similar to that of year-round residential customers. To better align  
2 with cost causality and fairness rate principles, Hydro One proposes to treat as year-round  
3 residential customers those Seasonal customers that i) consume at least 9,600 kWh  
4 annually and ii) consume at least 600 kWh monthly for a minimum of 10 months of the  
5 year. The definition of Seasonal rate class included in the proposed rate schedules  
6 provided at Exhibit G2, Tab 2, Schedule 1 have been revised to reflect the proposed  
7 change.

8  
9 Hydro One's proposal will result in moving approximately 11,000 Hydro One Seasonal  
10 customers, or 7%, of the total number of Seasonal customers to the medium density  
11 residential (R1) and low density residential (R2) rate classes. This change has been  
12 incorporated into the customer load forecast included with this application for the 2015-  
13 2019 Custom COS period.

14  
15 The net impact of the proposed Seasonal customer change is a drop of about \$7M in  
16 revenue at current rates. While those Seasonal customers moving to year-round  
17 residential classes will see lower bills as a result of implementing the proposed definition  
18 change, all customer classes will experience an average increase of about 0.5% to make  
19 up for the revenue deficiency resulting from this proposed change.

20  
21 Hydro One believes that its consultation efforts and proposed changes to the definition of  
22 the Seasonal rate class, combined with the proposed changes to the fixed charges for the  
23 Seasonal class as discussed at Exhibit G1, Tab 4, Schedule 1, satisfies the requirement of  
24 issue #17 in the settlement agreement for the 2013 IRM application EB-2012-0136.

25  
26 A number of potential options discussed with stakeholders were not evaluated further as  
27 they received very limited stakeholder support. Hydro One has not provided the results

1 associated with eliminating the Seasonal class and moving all seasonal customers into  
2 year-round residential classes as the company believes this option is less consistent with  
3 the rate-making principle of cost causality and increases the cross-subsidization among  
4 customers in the amalgamated residential rate classes.

## **COST ALLOCATION**

### **1.0 INTRODUCTION**

Hydro One Networks Inc's total revenue requirement for each of the five years of the Custom Cost of Service (COS) period, as described in Exhibit E1, Tab 1, Schedule 1, has been allocated to rate classes in order to determine proposed distribution rates. Hydro One has followed the cost allocation policies outlined in the Board's report *Review of Electricity Distribution Cost Allocation Policy (EB-2010-0219)* issued March 31, 2011. Hydro One has used a cost allocation model consistent with the Board's Revised Cost Allocation Model ("CAM") issued in August 2013, modified as discussed in Exhibit G2, Tab 1, Schedule 1 in order to accommodate the Company's specific circumstances, including the breakout of bulk system assets, incorporating density-based rate classes and the inclusion of sentinel lights.

Exhibits G2, Tab 1, Schedules 2 to 6 provide the inputs and outputs from the CAM for each of the five years of the Custom COS period as specified in the Board's filing requirements. The full model for each test year has also been filed electronically.

### **2.0 COST ALLOCATION MODEL**

#### **2.1 Introduction**

The OEB's CAM is designed based on the principle that costs should be allocated to those customer classes causing them. Cost allocation generally is done in three steps; functionalization, categorization and allocation.



1 In the functionalization step, costs are aggregated into homogenous groups as defined by  
2 functions within the utility. Functionalization is achieved by allocating utility costs to the  
3 various USofA accounts, with further refinement in some categories for bulk and  
4 primary-related costs, station costs, and sentinel light costs as described in Exhibit G2,  
5 Tab 1, Schedule 1.

6  
7 In the categorization step, each of the USofA accounts determined in the  
8 functionalization step is categorized as demand-related (related to the peak demands on  
9 the system), customer-related (related to the number of customers or connections of the  
10 utility), or jointly demand and customer-related (related to both demand on the system  
11 and number of customers). Where costs are categorized as jointly demand and customer-  
12 related, the proportions of each are determined using a minimum system approach. This  
13 approach determines the customer-related proportion by estimating the minimum system  
14 that would be needed to serve the minimum load requirements of all distribution  
15 customers. The remainder of the costs is considered to be demand-related. Hydro One  
16 uses a minimum system split specific to its system as determined by the minimum system  
17 study reviewed and approved by the Board as part of Hydro One's 2008 Rates  
18 application, EB-2007-0681.

19  
20 The final step of the cost allocation process is the allocation of the demand and customer-  
21 related costs based on various allocators. Hydro One has adopted the allocators used in  
22 the Board's CAM, except to the extent new allocators were required due to changes in the  
23 functionalization of assets and to accommodate the allocation of costs between density-  
24 based classes, as discussed further below.

## 2.2 Consideration of Cost Allocation Issues

In its Decision in Hydro One's last cost-of-service application EB-2009-0096 the Board directed Hydro One to review a number of issues raised by the Vulnerable Energy Consumers Coalition ("VECC") as a normal part of the process for making potential improvements to the cost allocation methodology.

### 2.2.1 Direct Cost Allocation

One of the issues examined was with respect to Hydro One's direct allocation of some costs. Hydro One directly allocates some Sentinel lights costs, as well as directly allocating metering and settlement related costs associated with its interval metered customers in the GSd, UGd, DGen and ST rate classes. These directly allocated costs are identified within Hydro One's cost accounting and so can be specifically attributed to the customers that drive them. As such, Hydro One believes that its treatment of these directly assigned costs results in a better alignment with the principle of cost causality.

Hydro One tested the impact of its approach by re-running its previously approved 2010 CAM with only direct allocation of sentinel lighting related costs, which VECC did not have an issue with. Hydro One's analysis shows that the impact on the revenue-to-cost ("R/C") ratio of not directly assigning interval metering, billing and settlement costs for most classes is small, except for the DGen and ST classes. These classes are most significantly impacted as the directly allocated costs, of which they are the primary drivers, represent a significant portion of their total revenue requirement, particularly in the case of the DGen class. Hydro One believes that without the direct assignment of these costs, the ST and DGen classes will not be fairly allocated the costs associated with processing their metering information and the ongoing management of their accounts. This is especially problematic because of the large, and growing, number of DGen

1 customers served by Hydro One's distribution system. Having other rate classes pick up  
2 the costs specifically attributed to interval metered customers is inconsistent with the  
3 principle of cost causality.

4  
5 *2.2.2 Allocation of Administrative and General (A&G) Costs*

6  
7 In its last cost-of-service application, Hydro One allocated Administrative and General  
8 ("A&G") expenses to customer classes using an allocator that included only non-directly  
9 allocated distribution and customer Operation and Maintenance ("O&M") costs, as per  
10 the methodology used in the Board's CAM.

11  
12 In its argument in EB-2007-0681 VECC suggested that directly allocated costs should not  
13 be excluded in determining the O&M allocator for A&G costs. The costs that Hydro One  
14 directly allocates consist of customer-related O&M costs as well as some A&G costs.  
15 Hydro One believes there is merit to VECC's argument for including directly allocated  
16 O&M costs when developing the O&M allocator, but does not believe it appropriate to  
17 include directly allocated A&G costs for the purpose of allocating other A&G costs. In  
18 the current application, Hydro One has modified the O&M allocator to include both non-  
19 directly and directly allocated O&M costs, which will then be used to allocate the balance  
20 of A&G costs that are not directly allocated.

21  
22 Hydro One tested the impact of this change by re-running the previously approved 2010  
23 CAM including the directly allocated O&M costs in calculating the O&M allocator.  
24 Hydro One's analysis shows that the impact on the R/C ratio for most classes is small,  
25 except for the DGen class which shows a 13% drop in its 2010 R/C.

1     2.2.3     Allocation of Revenue from Miscellaneous Revenues

2  
3     In its final arguments in proceeding EB-2007-0681, VECC noted an issue with respect to  
4     Hydro One's allocation of Miscellaneous Revenues. Hydro One has since revised its  
5     treatment of Miscellaneous Revenue to follow the latest CAM issued by the Board, which  
6     addresses the issues raised by VECC. The Board's latest CAM incorporates necessary  
7     changes to meet the requirements specified in the Board's report *Review of Electricity*  
8     *Distribution Cost Allocation* issued March 31, 2011.

9  
10    2.2.4    Determination of Minimum System Peak Load Carrying Capability (PLCC)

11  
12    In 2007, Hydro One engaged Black and Veatch consultants to conduct a Minimum  
13    System Study to compute the minimum component, minimum system ratio, and peak  
14    load carrying capability ("PLCC") for components of Hydro One's distribution system.  
15    For the purpose of determining the PLCC adjustment for conductors, the Study assumed  
16    that each distribution station would supply a single feeder. The Minimum System Study  
17    was reviewed and approved by the Board as part of Hydro One's 2008 application EB-  
18    2008-0187.

19  
20    In response to the Board direction, Hydro One engaged the original consultant to provide  
21    an alternate calculation of the PLCC adjustment for conductors using the actual number  
22    of distribution feeders in Hydro One Distribution's system, as suggested by VECC,  
23    instead of assuming one feeder per distributing station. The consultant's report is  
24    provided at Exhibit G1, Tab 3, Schedule 2.

25  
26    The alternate calculation of PLCC addresses the inconsistency within the Minimum  
27    System Study between the calculation of the minimum system split, which includes the  
28    total line length of all distribution lines, and the PLCC calculation. Since the calculation

1 shown in Exhibit G1, Tab 4, Schedule 2 was provided in July of 2010, updated  
2 information on the number of feeders and total number of customers has become  
3 available. An update to the calculation of the Conductor PLCC is provided below. The  
4 value of 1,154 watts per customer has been used in the CAM.

5  
6 **Table 1**  
7 **Updated Conductor PLCC Calculation**

	<b>Conductor PLCC in 2010 CAM</b>	<b>Updated Conductor PLCC</b>
Rating for each distribution feeder circuit, Amps	184	184
Line-to-Neutral Voltage, kV	4.16	4.16
Circuit capacity per distribution feeder, kVA	765	765
Assumed power factor	80%	80%
Circuit capacity per distribution feeder, kW	612	612
Number of distribution feeders	1,035	2,366
Distribution system Conductors PLCC, kW	633,784	1,448,825
Number of customers	1,165,092	1,255,963
<b>PLCC- Conductors (Watts Per Customer)</b>	<b>544</b>	<b>1,154</b>

For consistency, the transformer PLCC calculation has also been updated to reflect the total number of customers in 2012, as shown below. The value of 2,875 watts per customer has been used in the CAM.

**Table 2**  
**Updated Transformer PLCC Calculation**

	<b>Transformer PLCC in 2010 CAM</b>	<b>Updated Transformer PLCC</b>
Number of existing transformers	451,440	451,440
Capacity (kVA) of Minimum Component	10	10
Assumed power factor	80%	80%
Distribution system Transformers PLCC, kW	3,611,520	3,611,520
Number of customers	1,165,092	1,255,963
<b>PLCC- Transformers (Watts Per Customer)</b>	<b>3,100</b>	<b>2,875</b>

Hydro One tested the impact of this change by re-running its previously approved 2010 CAM using the alternate PLCC value. Hydro One's analysis shows that the higher conductor PLCC value results in about 3% lower costs allocated to the residential customers, offset by higher costs allocated to the general service customers. This results from more of the residential customers' non-coincident peak load being met by the minimum system capacity, which drives a decrease in the demand-related costs allocated to the residential class.

**2.3 Allocation of Smart Grid Costs**

In accordance with the settlement agreement in Hydro One's 2014 IRM application EB-2013-0141 on the issue of the Smart Grid Rate Rider, Hydro One is providing information on its allocation of Smart Grid costs.

Smart Grid costs to the end of 2014 are recovered via Smart Grid riders established in Hydro One's 2010/11 COS application EB-2009-0096; the 2013 IRM application EB-2012-0136; and the 2014 IRM application EB-2013-0141. The balance associated with variances in Smart Grid spending to date are included in the variance account being proposed for disposition in this application as described in Exhibit F1, Tab 1, Schedule 1 (Regulatory Accounts). A rate rider to dispose of the Smart Grid regulatory balance is proposed as discussed in Exhibit G1, Tab 5, Schedule 1. The Smart Grid regulatory balance to be disposed of is allocated across all rate classes based on their share of revenue requirement, which is the methodology previously approved by the Board for use in determining the Smart Grid riders established under EB-2009-0096 and EB-2012-0136.

Fixed asset costs associated with Smart Grid spending to date, as well as the fixed asset costs proposed for the 2015 to 2019 Custom COS period, are included in the Board's CAM under the following USofA accounts: 1820 Distribution Station Equipment; 1830 Poles, Towers and Fixtures; 1835 Overhead Conductors and Devices; 1920 Computer Equipment – Hardware; 1925 Computer Software; 1955 Communication Equipment; and, 1980 System Supervisory Equipment. The bulk of the fixed assets are in USofA 1980 (24%), 1835 (23%) and 1925 (21%). Fixed asset costs are allocated to all rate classes using the methodology per the Board's approved CAM, which allocates costs based on relative number of customers and relative peak load of each class.

1 The Smart Grid OM&A costs over the 2015 to 2019 Custom COS period are allocated  
2 within the Board's CAM to USofA 5085 "Miscellaneous Distribution Expenses". In  
3 accordance with the Board's approved methodology, USofA 5085 expenses are allocated  
4 to all rate classes based on the relative share of total distribution lines and stations assets  
5 assigned to each rate class.

## 6 7 **2.4 Density Factors**

8  
9 Hydro One previously received approval to apply density weighting factors to allocate  
10 overhead lines and transformer costs between its density based rate classes for the  
11 purpose of setting rates as part of its EB-2007-0681 and EB-2009-0096 COS  
12 applications.

13  
14 Per the direction from the Board in their Decision on the 2010/11 application EB-2009-  
15 0096, Hydro One completed a study of the relationship between customer density and  
16 cost allocation which was filed as part of Hydro One's 2013 IRM application EB-2012-  
17 0136. The Density Study results confirm the appropriateness of having density-based rate  
18 classes and concluded that there is a statistically significant relationship between  
19 customer density and distribution service costs, and that distribution service costs  
20 decrease as customer density increases.

21  
22 Hydro One received approval in its 2013 IRM application to adjust its rates based on  
23 reallocating the total bottom-line costs for each rate class as determined in its 2010 CAM.  
24 The adjustment to the bottom-line costs, excluding Customer and A&G costs, aligned the  
25 CAM results with the relative cost of serving density-based classes as determined by the  
26 Density Study. The density factors used to make the adjustment for all urban rate classes  
27 (UR, UGe, and UGd) and for the R1 and R2 class were based directly on the results of



1 the Density Study. The density factors for the GSe, GSd and Seasonal rate classes were  
2 interpolated based on the relative weightings of the other classes.

3  
4 As per settlement agreement in Hydro One's 2013 IRM application, the Company has  
5 incorporated the Density Study density weighting factors into the CAM included as part  
6 of the current application, instead of making a bottom-line adjustment.

7  
8 Consistent with the findings of the Density Study, which looked at all program costs and  
9 assets associated with providing line and transformation related distribution services to  
10 customer groups of different density, Hydro One has applied the density factors derived  
11 in the Density Study to all line and transformation assets associated with providing  
12 primary and secondary service. As per the approach approved for previous COS  
13 applications, Hydro One does not apply density weights to the bulk system assets.

14  
15 For the current application, Hydro One has interpolated the density factors for Seasonal,  
16 GSe and GSd based on the weighted average customer density for these classes as  
17 determined using the information on number of customers, area, and total circuit  
18 kilometers for the 62 sample areas included in the Density Study<sup>1</sup>. Table 3 provides the  
19 weighted average customer density calculated for each rate class and the density factors  
20 for all rate classes used in the CAM submitted as part of this application. The Density  
21 factors for all rate classes that are not density differentiated (i.e. Street Lights, Sentinel  
22 Lights, USL, DGen and ST) are set to 1.0 in the CAM.

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<sup>1</sup> Per Figure 10 in Exhibit D-1-1, Attachment 1 of EB-2012-0136

**Table 3**

**Weighted average customer density and Density Factors by rate class**

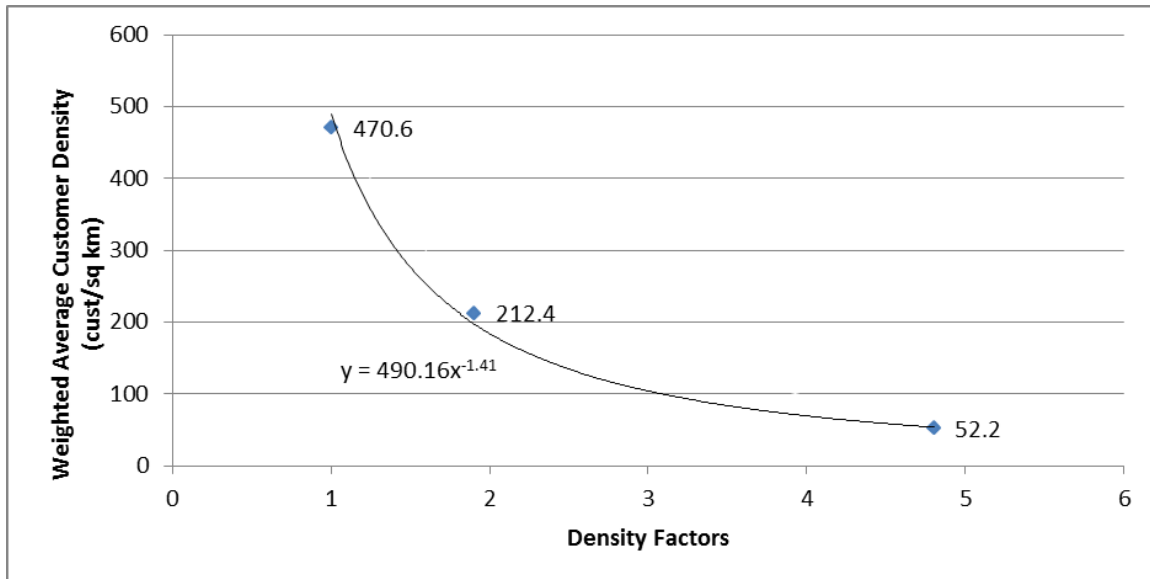
<b>Rate Class</b>	<b>Weighted Average Customer Density (Cust per km<sup>2</sup>)</b>	<b>Density Factors from the Density Study</b>
UR	470.6	1.0
R1	212.4	1.9
R2	52.2	4.8
Seasonal	80.8	3.6 *
UGe	478.2	1.0
GSe	145.2	2.4*
UGd	484.8	1.0
GSd	164.4	2.2*

\* Interpolated per Figure 1

The relationship between weighted average customer density and the density factors for UR, R1, and R2 classes was plotted and a non-linear trend line established to interpolate the density factors for the Seasonal, GSe and GSd classes.

**Figure 1**

**Relationship between weighted average customer density and density factors**



## **2.5 Weighting Factors**

### **2.5.1 Billing and Collecting**

Hydro One is using the billing and collecting weighting factors noted below based on consideration of the costs associated with billing, customer call handling and collection services determined in discussion with experienced staff directly involved in these activities. Customer density is assumed to have no impact on the billing and collection cost to which these factors apply.

**Table 4**  
**Billing and Collecting Weighting Factors**

Rate Class	UR	R1	R2	Seas	GSe	GSd	UGe	UGd	St.Lgt	Sen.Lgt	USL	DGen	ST
Weighting Factor	1	1	1	1	2	7	2	7	2	0.02	2	15	15

There is no material difference associated with billing and collecting efforts for the different residential customers, and so all weighting factors were set to 1 per the Board's guidelines.

GSe and UGe weighting factors have been kept at the original model default value of 2 as Hydro One believes this appropriately reflects the higher costs of dealing with commercial customer bills and inquiries, which are usually more complex in nature and take more time and resources to resolve.

The original model default weighting factor of 7 is considered appropriate for GSd and UGd customers given that these customers drive higher billing and customer service costs similar to General Service energy customers. Also they drive additional costs related to the annual review process to check for average consumption > 50 kW to qualify to be moved to the demand-billed rate class. The review process can trigger an increase in customer calls and require additional communication with customers, as well as increasing settlement issues.

The weighting factor for street lights and USL rate classes are set at 2 as billing and settlement related costs for these rate classes are similar to those of energy-billed commercial customers. There is also additional effort for these classes associated with maintaining and updating the forecast kWh to be used for billing purposes.

The weighting factor for Sentinel Lights is set to a nominal value of 0.02 as the customers in this class require little to no oversight. There are no meter readings required and forecast kWh are easily determined and not subject to change over time. The administration of sentinel light accounts is minimal as these customers are simply an additional line item on their main account's electricity bill.

The original model default weighting factor of 15 is considered appropriate for DGen and ST customers because of the level of effort associated with billing and collections driven by the complexity of their bills.

#### 2.5.2 Services

Hydro One is using the services weighting factors noted below:

**Table 5**  
**Services Weighting Factors**

<b>Rate Class</b>	UR	R1	R2	Seas	GSe	GSd	UGe	UGd	St.Lgt	Sen.Lgt	USL	DGen	ST
<b>Weighting Factor</b>	0.5	0.75	1.5	1.0	0	0	0	0	0	0	0	0	0

The weighting factors for Services are applied to services assets and reflect an estimate of the relative cost of services assets provided by Hydro One to its rate classes. The weighting factors for the residential classes are based on an estimated relative service connection length of 30, 20, 15 and 10 metres for R2, Seasonal, R1 and UR customers, respectively. All other rate classes are fully responsible for their service connection assets and as such their weighting factors are set to zero.

### 3.0 IMPLEMENTATION OF COST ALLOCATION RESULTS

The Board's policy report *Application of Cost Allocation for Electricity Distributors* (EB-2007-0667) established target ranges for the R/C for each customer class and states that utilities should endeavour to move their R/C ratios closer to 1 if this is supported by improved cost allocation. This view was reinforced in the Board's report *Review of Electricity Distribution Cost Allocation* (EB-2010-0219) and in their Decision in rate applications for Toronto Hydro (EB-2010-0142) and Brant County Power (EB-2010-0125). Hydro One has made numerous improvements to its cost allocation, including:

- using updated customer load profiles based on 2012 smart meter data;
- creation of a USL rate class;
- improvements to the assignment of OM&A costs by USofA;
- improvements to the breakout of fixed asset costs by USofA;
- updated density factors tied to approved Density Study results; and
- updated billing, collection and services weighting factors.

Hydro One proposes to adjust class revenue recoveries as necessary to move the R/C ratios for all rate classes to within a range of 98% to 102% over the five year Custom COS period. The proposed range provides some flexibility in establishing rates and mitigates the undesirable result of having customer rates fluctuate up or down as a result of even minor movements around an absolute target of 1.

The approach in this application to moving the R/C ratios as determined by the CAM is to ensure that all rate classes with R/C ratios outside the upper limit of the Board range are brought within the Board approved ranges in 2015. In subsequent years, the class with the highest R/C ratio will be phased-in over the remaining years of the Custom COS period to achieve the end state target of 1.02. All other classes with ratios above the

phased-in target will be brought to the same value. The decrease in revenue from rate classes whose R/C ratios are dropping will be made up by increasing the R/C ratios for those classes with ratios below 1, as required. The rate classes with ratios below 1 will be brought closer to 1, starting with the classes whose R/C ratios are the lowest, except in the case of the Sentinel Light and DGen classes whose R/C ratios are such that the increase in the R/C ratio has been phased-in over five years. For any given year, the decrease in the revenue to be collected from rate classes whose R/C ratio are above 1 is offset by an equal increase in revenue to be collected from those rate classes whose R/C ratio is below 1.

The proposed changes to the R/C ratios over the five year Custom COS period are summarized in Table 6. Table 6 shows the R/C ratios output by the CAM and the adjustment to the R/C ratios as part of the rate design process.

**Table 6**  
**Revenue-to-Cost Ratios**

Rate Class	2015		2016		2017		2018		2019		Board Range
	CAM	Rate Design	CAM	Rate Design	CAM	Rate Design	CAM	Rate Design	CAM	Rate Design	
<b>UR</b>	129	115	118	113	115	110	111	105	106	102	85 - 115
<b>R1</b>	123	115	116	113	114	110	110	105	106	102	85 - 115
<b>R2</b>	92	94	94	94	95	96	96	98	98	99	85 - 115
<b>Seasonal</b>	91	94	94	94	95	96	97	98	98	99	85 - 115
<b>GSe</b>	103	103	103	103	102	102	101	101	101	101	80 - 120
<b>UGe</b>	71	94	95	94	93	96	95	98	97	99	80 - 120
<b>GSd</b>	91	94	92	94	91	96	93	98	95	99	80 - 120
<b>UGd</b>	93	94	92	94	91	96	93	98	95	99	80 - 120
<b>St. Lgt</b>	88	94	93	94	94	96	96	98	98	99	70 - 120
<b>Sen. Lgt</b>	89	91	90	92	92	95	96	98	99	99	80 - 120
<b>USL</b>	124	120	121	113	114	110	111	105	106	102	80 - 120
<b>DGen</b>	39	51	56	67	69	79	81	91	93	99	80 - 120*
<b>ST</b>	72	94	94	94	95	96	95	98	97	99	85 - 115

\* Assume same as for GSe

- 1 Exhibit G2, Tab 1, Schedule 7 provides a summary of the cost allocation results by rate
- 2 class in the format required per Appendix 2-P of the Board's July 17, 2013 updated Filing
- 3 Requirements.



## RATE DESIGN

### 1.0 INTRODUCTION

The purpose of this evidence is to present the proposed rates designed to collect the revenue requirement as determined by the CAM discussed in Exhibit G1, Tab 3, Schedule 1.

The proposed distribution rates for each rate class over the Custom COS period are summarized in Table 1.

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

Rate Class*	2015			2016			2017			2018			2019		
	Service Charge (\$/month)	Volumetric Charge (\$/kWh)	Volumetric Charge (\$/kW)	Service Charge (\$/month)	Volumetric Charge (\$/kWh)	Volumetric Charge (\$/kW)	Service Charge (\$/month)	Volumetric Charge (\$/kWh)	Volumetric Charge (\$/kW)	Service Charge (\$/month)	Volumetric Charge (\$/kWh)	Volumetric Charge (\$/kW)	Service Charge (\$/month)	Volumetric Charge (\$/kWh)	Volumetric Charge (\$/kW)
UR	20.45	0.0176		21.02	0.0182		20.68	0.0179		20.01	0.0174		19.65	0.0172	
R1	28.16	0.0311		29.44	0.0326		29.16	0.0323		28.31	0.0315		27.91	0.0313	
R2	67.96	0.0457		73.24	0.0497		75.69	0.0517		77.92	0.0540		80.21	0.0564	
Seasonal	26.57	0.0905		28.45	0.0978		29.63	0.1019		30.29	0.1047		31.14	0.1088	
GSe	30.08	0.0538		32.32	0.0576		33.27	0.0593		33.67	0.0607		34.17	0.0626	
UGe	23.15	0.0240		24.76	0.0255		26.38	0.0271		27.48	0.0284		28.54	0.0299	
GSd	83.96		13.7208	91.53		15.1456	98.56		16.4418	103.54		17.6167	108.41		18.8109
UGd	85.01		7.8589	92.91		8.6492	100.56		9.383	106.14		10.0451	111.64		10.7214
St Lgt	4.02	0.0907		4.39	0.0988		4.57	0.1038		4.72	0.1079		4.90	0.1119	
Sen Lgt	2.42	0.1149		2.78	0.1298		3.04	0.1406		3.25	0.1494		3.39	0.1538	
USL	39.41	0.0307		39.52	0.0303		39.41	0.0297		38.11	0.0286		37.56	0.0282	
DGen	168.02		3.2651	208.09		4.7988	238.69		6.2919	266.3		7.6646	285.63		8.8373

\* Refer to Table 5 for ST rates.

The proposed rates over the Custom COS period reflect the changes in revenue requirement and load forecast, and the results of applying the OEB's CAM. The proposed rates are calculated based on the rate class revenue requirement after adjustments to the R/C ratios as described in Section 3.0 of Exhibit G1, Tab 3, Schedule 1. Details of the calculation of the R/C ratio adjustments and derivation of the rates shown in Table 1 are provided in Exhibit G1, Tab 4, Schedule 2.

The Distribution and Total Bill impacts at typical consumption levels for each rate class over the Custom COS period are summarized in Table 2. Bill impacts over a range of consumption levels are provided in Exhibit G1, Tab 7, Schedule 1.

**Table 2**  
**Distribution and Total Bill Impacts at Typical Consumption Levels**

Rate Class	Monthly Consumption (kWh)	Monthly Peak (kW)	2015				2016				2017				2018				2019			
			Change in DX Bill (\$)	Change in DX Bill (%)	Change in Total Bill (\$)	Change in Total Bill (%)	Change in DX Bill (\$)	Change in DX Bill (%)	Change in Total Bill (\$)	Change in Total Bill (%)	Change in DX Bill (\$)	Change in DX Bill (%)	Change in Total Bill (\$)	Change in Total Bill (%)	Change in DX Bill (\$)	Change in DX Bill (%)	Change in Total Bill (\$)	Change in Total Bill (%)	Change in DX Bill (\$)	Change in DX Bill (%)	Change in Total Bill (\$)	Change in Total Bill (%)
UR	800		(\$4.22)	-11.2%	(\$6.23)	-4.4%	\$0.76	2.3%	\$0.77	0.6%	\$0.49	1.4%	\$0.50	0.4%	\$0.39	1.1%	\$0.40	0.3%	\$0.59	1.7%	\$0.60	0.4%
R1	800		(\$0.75)	-1.4%	(\$2.42)	-1.5%	\$1.95	3.8%	\$1.98	1.3%	\$1.20	2.3%	\$1.22	0.8%	\$0.63	1.2%	\$0.64	0.4%	\$1.42	2.6%	\$1.44	0.9%
R2	800		\$6.23	9.7%	\$6.85	4.0%	\$7.19	10.2%	\$7.31	4.1%	\$7.55	9.7%	\$7.68	4.2%	\$9.00	10.5%	\$9.15	4.8%	\$9.01	9.5%	\$9.16	4.6%
Seasonal	400		\$2.72	4.7%	\$2.57	2.3%	\$4.05	6.7%	\$4.12	3.6%	\$4.96	7.6%	\$5.04	4.3%	\$4.69	6.7%	\$4.77	3.9%	\$5.35	7.2%	\$5.44	4.3%
GSe	2,000		\$10.20	8.3%	\$12.65	3.4%	\$8.27	6.2%	\$8.41	2.2%	\$8.97	6.4%	\$9.12	2.3%	\$9.57	6.4%	\$9.73	2.4%	\$10.38	6.5%	\$10.56	2.5%
UGe	2,000		\$21.24	44.9%	\$18.28	6.1%	\$3.74	5.5%	\$3.80	1.2%	\$7.18	9.9%	\$7.30	2.3%	\$7.01	8.8%	\$7.13	2.2%	\$7.56	8.7%	\$7.69	2.3%
GSd	35,000	120	\$226.79	15.8%	\$216.10	3.5%	\$155.93	9.4%	\$176.20	2.8%	\$221.85	12.2%	\$250.69	3.8%	\$235.06	11.5%	\$265.62	3.9%	\$240.54	10.6%	\$271.81	3.8%
UGd	35,000	120	\$130.56	15.3%	\$131.06	2.4%	\$89.39	9.1%	\$101.01	1.8%	\$130.83	12.2%	\$147.84	2.6%	\$137.73	11.4%	\$155.64	2.6%	\$141.17	10.5%	\$159.53	2.6%
St Lgt	500		\$9.14	23.7%	\$9.13	9.3%	\$3.83	8.0%	\$3.90	3.6%	\$4.41	8.6%	\$4.48	4.0%	\$4.54	8.1%	\$4.62	4.0%	\$4.52	7.5%	\$4.60	3.8%
Sen Lgt	50		\$1.26	18.9%	\$1.26	9.8%	\$0.99	12.5%	\$1.01	7.1%	\$1.09	12.2%	\$1.11	7.3%	\$1.08	10.8%	\$1.10	6.8%	\$0.79	7.1%	\$0.80	4.6%
USL	500		\$2.61	5.2%	\$2.00	1.8%	(\$0.54)	-1.0%	(\$0.55)	-0.5%	\$1.34	2.6%	\$1.36	1.2%	\$0.26	0.5%	\$0.26	0.2%	\$1.11	2.1%	\$1.13	1.0%
DGen	2,000	20	\$61.57	37.4%	\$75.75	17.4%	\$65.91	29.1%	\$74.48	14.6%	\$69.72	23.9%	\$78.79	13.4%	\$71.80	19.8%	\$81.14	12.2%	\$61.37	14.2%	\$69.35	9.3%
ST	500,000	1,000	\$603.07	34.2%	\$1,242.63	1.9%	\$196.00	8.3%	\$221.48	0.3%	\$172.54	6.7%	\$194.97	0.3%	\$223.02	8.2%	\$252.01	0.4%	\$220.25	7.4%	\$248.88	0.4%

1 The 2015 proposed rate schedules reflecting the rates shown in Table 1 are provided in  
2 Exhibit G2, Tab 2, Schedule 1. The currently approved rate schedules are provided in  
3 Exhibit G2, Tab 3, Schedule 1. Rate schedules for subsequent years of the Custom COS  
4 period will be produced as part of the annual process for setting rates, taking into account  
5 any changes as a result of the annual adjustments discussed in Exhibit A, Tab 4, Schedule  
6 2.

## 7 8 **2.0 RATE DESIGN PROCESS**

9  
10 Generally accepted ratemaking principles guided Hydro One's development of rates for  
11 this application. Those principles are best summarized by James Bonbright's, *Principles*  
12 *of Public Utility Rates*. The OEB Staff's March 31, 2008 discussion paper *Rate Design*  
13 *for Recovery of Electricity Distribution Costs* (EB-2007-0031), cited these principles and  
14 summarized them as:

- 15  
16 1) Full Cost Recovery – the level and design of rates should be sufficient to provide  
17 distributors with a reasonable opportunity to recover its revenue requirement, and for  
18 rates to be effective they should be practical, clear and uncontroversial  
19 2) Fairness – customers should, in general, pay rates for distribution service that reflects  
20 the costs they “cause” as determined by a Board approved cost allocation study  
21 3) Efficiency – rates should encourage customers to maximize use of existing distribution  
22 assets, and encourage existing and new customers to use the system in ways that lead  
23 to rational growth  
24

25 The R/C ratios for each rate class per Sheet O1 of the CAM, as well as information on the  
26 monthly customer charge per Sheet O2 are the key inputs to the development of rates.  
27 The O1 and O2 output sheets for each year of the Custom COS period are provided in  
28 Exhibit G2, Tab 1, Schedules 2 to 6.

1     **3.0     FIXED VERSUS VOLUMETRIC CHARGES**

2  
3     Hydro One is proposing to reset the fixed charge for all rate classes in 2015 to the  
4     minimum system values calculated in Sheet O2 of the CAM, except as noted otherwise.  
5     The Company believes a minimum system-based fixed charge appropriately recovers a  
6     utility's costs associated with owning, operating and maintaining the assets required to  
7     provide customers even a minimum amount of electricity. A fixed charge based on a  
8     minimum system approach ensures consistency with the principles underlying the  
9     Board's CAM which allocates the minimum system portion of a utility's costs to a rate  
10    class in proportion to the number of customers within the class.

11  
12    Hydro One customers across all rate classes have seen their fixed charges remain  
13    essentially flat since 2008 due to the fact that the revenue increases over the 2008-2011  
14    period were largely absorbed by increases to the volumetric charges. Since 2011 there  
15    have been only small increases to the fixed charges as a result of uniformly applied IRM  
16    increases.

17  
18    Given how costs are allocated to rate classes, the currently approved fixed charge levels  
19    place a disproportionate emphasis for collection of costs on the volumetric charge, which  
20    Hydro One proposes to address in this current application.

21  
22    Table 3 shows the current and proposed 2015 fixed and volumetric revenue shares. For  
23    2016 to 2019 Hydro One will maintain the fixed and volumetric percentage splits  
24    established in 2015 in order to provide stability in the revenue mix over the period.  
25    Hydro One plans to reset the fixed/volumetric split at the start of the next COS period.

**Table 3**  
**Current and Proposed Fixed and Volumetric Revenue Split**

Rate Class	Current (2014 rates)		Proposed (2015 rates)	
	Fixed	Volumetric	Fixed	Volumetric
<b>UR</b>	38%	62%	59%	41%
<b>R1</b>	38%	62%	48%	52%
<b>R2</b>	56%	44%	55%	45%
<b>Seasonal</b>	47%	53%	52%	48%
<b>GSe</b>	31%	69%	22%	78%
<b>UGe</b>	18%	82%	25%	75%
<b>GSd</b>	4%	96%	5%	95%
<b>UGd</b>	3%	97%	7%	93%
<b>St Lgt</b>	1%	99%	2%	98%
<b>Sen Lgt</b>	20%	80%	26%	74%
<b>USL</b>	67%	33%	78%	22%
<b>DGen</b>	26%	74%	74%	26%
<b>ST</b>	19%	81%	18%	82%

Table 4 compares the current and 2015 proposed monthly fixed charges with the 3 values calculated in Sheet O2 of the CAM.

**Table 4**  
**Current and 2015 Proposed Monthly Fixed Charges**

<b>Rate Class</b>	<b>Current (2014) Monthly Fixed Charge (\$/month)*</b>	<b>Proposed 2015 Monthly Fixed Charge (\$/month)*</b>	<b>CAM Scenario1: Customer Unit Cost per Month - Avoided Cost</b>	<b>CAM Scenario2: Customer Unit Cost per Month - Directly Related</b>	<b>CAM Scenario3: Customer Unit Cost per Month - Min System with PLCC Adjustment</b>
<b>UR</b>	12.72	20.45	7.91	10.02	20.45
<b>R1</b>	20.15	28.16	7.68	9.83	28.16
<b>R2</b>	29.11	37.46	8.47	10.95	50.46
<b>Seasonal</b>	19.71	26.57	7.52	9.37	51.66
<b>GSe</b>	35.92	30.08	16.58	20.82	30.08
<b>UGe</b>	10.20	23.15	19.63	24.19	23.15
<b>GSd</b>	52.27	83.96	58.63	75.41	83.96
<b>UGd</b>	28.71	85.01	65.92	82.35	85.01
<b>St Lgt</b>	1.47	4.02	3.00	4.02	23.62
<b>Sen Lgt</b>	1.50	2.42	1.78	2.42	15.87
<b>USL</b>	29.69	39.41	7.08	9.34	39.41
<b>DGen</b>	38.13	168.02	89.19	147.88	168.02
<b>ST</b>	294.97	453.70	321.19	427.62	618.19

\* Fixed Charge shown for R2 class is net of RRRP Credit.

The R2 fixed charge has been set based on the currently approved 2014 charge escalated to reflect the proposed 2015 average increase in rates revenue requirement, as per the factor used to increase revenue at existing rates shown on Sheet O1 of the Board's CAM. The proposed fixed charge set using this approach results in the collection of 56% from fixed charges for the R2 class, which is equal to the currently approved fixed/variable split, but below the 71.3% fixed revenue share that existed in 2008. The proposed R2 fixed charge is within the range of values calculated by the CAM when the RRRP credit

1 applicable to R2 customers is taken into consideration. The fixed charge for the Seasonal  
2 customer class is set to collect a fixed revenue share equivalent to the average of the R2  
3 and R1 fixed revenue share, in recognition that Seasonal customers are located in both  
4 medium and low density zones. Hydro One does not propose adopting the minimum  
5 system fixed charge for the Seasonal customer class as this would represent a 2.5 times  
6 increase in the current fixed charge and would result in large rate impacts to the many  
7 low consumption customers within the Seasonal rate class.

8  
9 The fixed charges for the Streetlight and Sentinel light classes have been set at the CAM  
10 Scenario 2 - Directly Related amount shown in Table 4. The proposed fixed charges  
11 represent a substantial increase in the current value for these classes, but less than the 10  
12 times increase that would result if the minimum system-based charge was adopted.

13  
14 The minimum system fixed charge calculated by the CAM also provides the basis for  
15 establishing the fixed charges for the ST rate class, as described in Section 4.0 of this  
16 Exhibit.

17  
18 For all classes, the volumetric rate was set to recover the balance of the revenue to be  
19 collected from each rate class.

## 20 21 **4.0 CALCULATION OF SUB-TRANSMISSION (ST) RATES**

### 22 23 **4.1 Introduction**

24  
25 The charges for the use of Common ST lines, High Voltage Distribution Stations  
26 (“HVDS”), Low Voltage Distribution Stations (“LVDS”), Specific ST Line and Specific  
27 Primary Line, were derived using the results of the CAM for each year of the Custom  
28 COS period.

1 The methodology used in this application for the allocation of costs to the ST rate class,  
2 as discussed in Exhibit G1, Tab 3, Schedule 1, as well as for the design of ST rates has  
3 not changed from the methodology that was used in Hydro One's 2008 and 2010/11 COS  
4 applications, EB-2007-0681 and EB-2009-0096, respectively. Unlike many other host  
5 distributors, Hydro One has had approved ST rates applicable to its embedded  
6 distributors since 2008. As such, embedded distributors have had the opportunity to  
7 review the cost allocation and rate design of the rates applicable to them as part of the  
8 regulatory approval process for Hydro One's last two COS applications.

9  
10 The HVDS and Common ST line charges are billed to customers supplied from multiple  
11 feeders connected to the same Transmission Station ("TS") or HVDS based on their  
12 aggregated billing demand. The aggregation of billing demand is consistent with the  
13 billing of Retail Transmission Service Rates ("RTSR") and was previously reviewed and  
14 approved in Hydro One's 2008 and 2010/11 COS applications, EB-2007-0681 and EB-  
15 2009-0096, respectively.

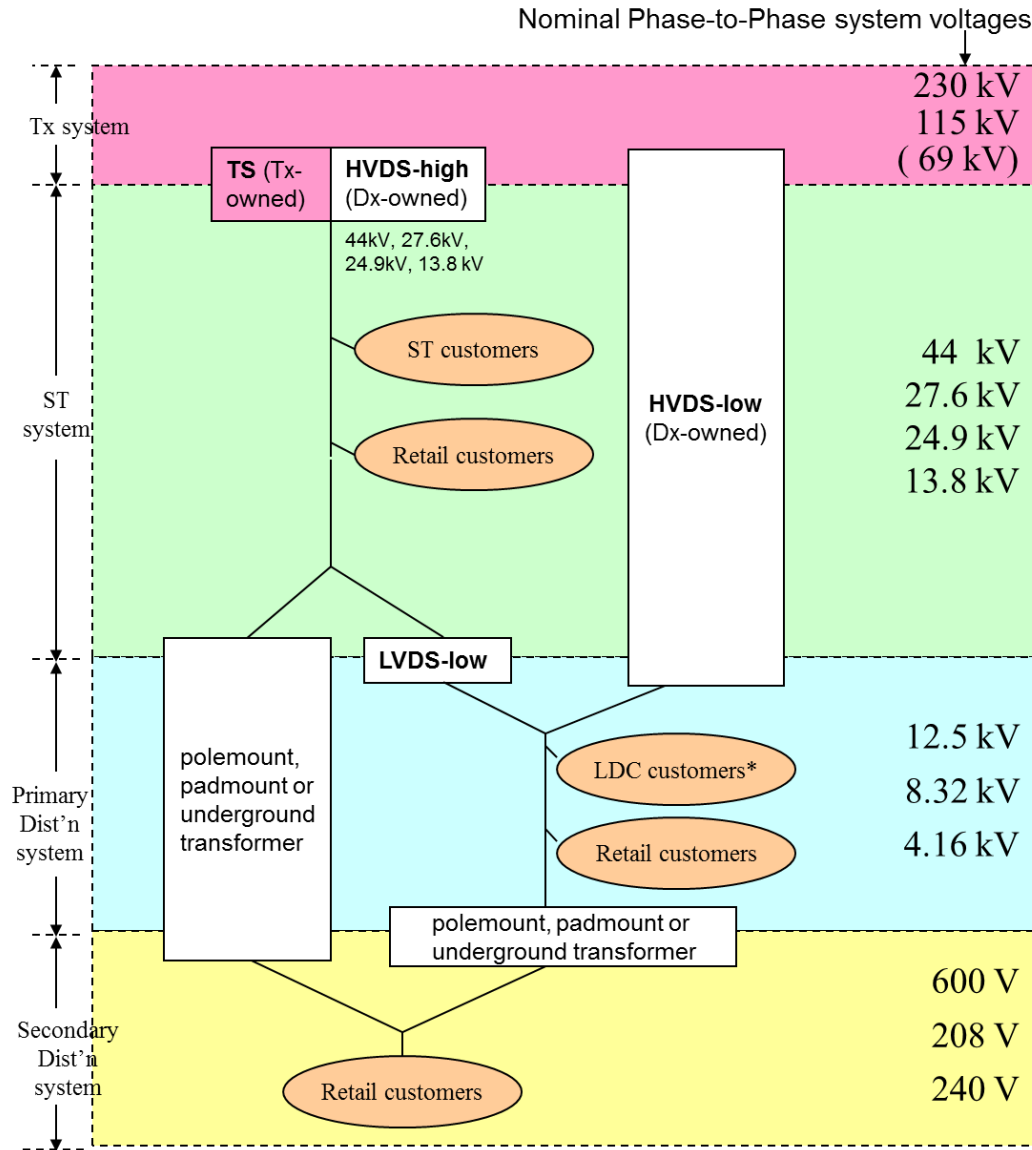
16  
17 As previously reviewed and approved by the Board in Hydro One's 2008 and 2010/11  
18 COS applications, EB-2007-0681 and EB-2009-0096, customers with load displacement  
19 generation above 1 MW, or 2 MW for renewable generation, installed after October  
20 1998, are billed ST volumetric charges on a gross load basis.

21  
22 Figure 1 provides a simplified diagram of the basic elements of the distribution system  
23 and its connection to the transmission system to assist in understanding the ST charges.



1  
2

**Figure 1**  
**Distribution System**



\* The approved ST rate class includes some LDCs whose delivery points are supplied at voltages below 13.8kV.

3

## 4.2 Derivation of ST Rates

Table 5 shows the filed 2014 ST charges and the proposed 2015-2019 ST charges.

**Table 5**  
**Current and Proposed ST Charges**

		Current	Proposed				
	Unit	2014	2015	2016	2017	2018	2019
Fixed Service Charge	\$	294.97	453.70	441.70	424.87	427.79	430.1
Meter Charge	\$/meter	476.35	675.53	782.25	833.62	886.74	934.76
Common Line	\$/kW	0.682	1.1227	1.2500	1.3182	1.3849	1.4552
Specific ST Line	\$/km	647.16	960.9097	821.1486	865.0076	858.9937	868.5871
Specific Primary Line	\$/km	501.55	722.7036	617.5888	650.5753	646.0522	653.2675
HVDS-high	\$/kW	1.632	1.8444	1.8444	1.8444	1.8444	1.8444
HVDS-low	\$/kW	3.618	3.8691	3.4110	3.4411	3.4763	3.4874
LVDS-low	\$/kW	1.987	2.0247	1.5666	1.5967	1.6319	1.643

### 4.2.1 Fixed Service Charge

Hydro One applies a monthly fixed service charge per delivery point where an ST customer uses Common ST lines or HVDS facilities. The fixed service charge is based on the Minimum System with PLCC Adjustment value for the ST class from the O2 Sheet of the CAM, adjusted to exclude low voltage meter costs allocated to the ST rate class.

1    4.2.2    Meter rate for Hydro One Owned Meter

2  
3    Most of the customers in the ST group provide their own metering facilities. To reflect  
4    this, Hydro One has an additional fixed charge, per metering facility, applicable to  
5    customers for whom Hydro One provides metering facilities. The meter charge is set to  
6    recover Hydro One's low voltage metering facility costs allocated to the ST rate class in  
7    the CAM.

8  
9    4.2.3    Common ST Line Rate

10  
11   The CAM and rate design process determine the total rates revenue requirement to be  
12   collected from the ST rate class, as shown in Exhibit G1, Tab 4, Schedule 2. The amount  
13   that is not recovered through the other ST charges (i.e. fixed service, meter, HVDS-high,  
14   HVDS-low, LVDS-low, Specific ST Line and Specific Primary Line) are recovered  
15   through the Common ST Line charge. Common ST Line is a volumetric charge. Details  
16   of the derivation of the Common ST Line rates are provided in Exhibit G1, Tab 4,  
17   Schedule 3.

18  
19   4.2.4    HVDS-High Rate

20  
21   Customers in the ST class can obtain transformation from above 50 kV to a voltage  
22   between 44 kV and 13.8 kV either through the use of an HVDS-high, or through a TS  
23   owned by Hydro One Transmission. Customers that obtain supply through a TS are  
24   charged RTSR – transformation. Therefore, for consistency purposes, the HVDS-high  
25   rate is set equivalent to the RTSR – transformation rate adjusted for losses. HVDS-high  
26   is a volumetric charge.

1    *4.2.5    HVDS-low Rate*

2  
3    HVDS-low stations transform power from above 50 kV to under 13.8 kV. Consistent  
4    with the current rate structure, the HVDS-low rate is set to be the sum of the HVDS-high  
5    rate and LVDS-low rate. This ensures that the rate for transformation from above 50kV  
6    to below 13.8kV is equivalent for all delivery points, regardless of the type of upstream  
7    transformation facilities used. HVDS-low is a volumetric charge.

8  
9    *4.2.6    LVDS-low Rate*

10  
11    LVDS-low stations transform power from above 13.8 kV to under 13.8 kV. The rate is  
12    set to recover the LVDS-low portion of the costs attributable to distribution stations that  
13    are allocated to the ST rate class, as determined by the the CAM. The ST LVDS-low  
14    portion of the distribution stations costs is based on the gross book value of assets  
15    associated with providing ST service from LVDS-low stations as a share of the total  
16    LVDS station assets. LVDS-low is a volumetric charge. Details of the derivation of the  
17    LVDS-low rate are provided in Exhibit G1, Tab 4, Schedule 3.

18  
19    *4.2.7    Specific ST Line and Specific Primary Line Rates*

20  
21    A line section is “specific” if it supplies solely one LDC and is within that LDC’s  
22    territory. Specific ST lines are those between 44 kV and 13.8 kV, while Specific Primary  
23    lines are between 12.5 kV and 4.16 kV.

24  
25    The Specific ST line rate is set to the average per kilometer cost for all lines on Hydro  
26    One’s distribution system. The specific Primary line rate is adjusted for the relationship  
27    in unit costs between the average distribution line cost and the cost of Primary lines.

1 Details of the derivation of the Specific ST line rates are provided in Exhibit G1, Tab 4,  
2 Schedule 3.

3  
4 Specific ST and Primary line rates are applied to the length of the specific line section  
5 (km) rather than to demand (kW).

6  
7 **4.2.8 Updating ST Charges Over the Custom COS Period**  
8

9 As described in Exhibit G1, Tab 6, Schedule 1, RTSR rates will be updated as a part of  
10 the annual draft rate orders prepared over the Custom COS period in the event new  
11 Uniform Transmission Rates are approved for the corresponding year. Since the HVDS-  
12 high charge is set at the same value as the proposed RTSR-Transformation rate, and the  
13 HVDS-low and Common ST line rates are in-turn impacted by the HVDS-high charge, it  
14 is anticipated that these three ST rates will be updated as part of the draft rate order  
15 associated with future years of the Custom COS period.

16  
17 **4.3 Milton Hydro ST Charges**  
18

19 In the Board's Decision on Proceeding EB-2007-0681, Hydro One was directed to bring  
20 forward a rate specific to address Milton's circumstances in case Milton Hydro has not  
21 purchased the two feeder connections to Palermo TS. The sale of these assets to Milton  
22 Hydro had not been completed at the time of Hydro One's next COS application, EB-  
23 2009-0096. At that time Hydro One noted that there were 30 other customers that have  
24 similar circumstances to Milton's situation; that is, being supplied by feeders located  
25 outside the customer's boundaries and supply only one customer.

26  
27 Hydro One noted in EB-2009-0096 that if the Board were to approve the use of the  
28 Specific ST Line, kilometer-based charge, for all customers in a similar situation to

1 Milton Hydro, there would be three LDCs and four Direct customers paying substantially  
2 more as compared to their current billing determinants. In addition, the revenues  
3 collected from all customers would be \$6.8 million lower than if they would be charged  
4 on a per kW basis. The revenue shortfall would need to be recovered through higher  
5 rates for the ST Common Line charge applicable to most ST customers. There were no  
6 submissions on this issue and no change in the approach to charging for ST charges was  
7 approved by the Board as part of EB-2009-0096.

8  
9 The sale of the subject assets to Milton Hydro continues to be explored, but has not been  
10 completed. Given the impacts of using the Specific ST Line rate for all customers in  
11 Milton Hydro's situation, as described above, Hydro One proposes that no changes be  
12 made to the current approach to ST charges described in this exhibit.

## 13 14 **5.0 REVENUE RECONCILIATION**

15  
16 A reconciliation of the revenue at proposed rates and the revenue requirements by rate  
17 class, as per the requirements of Appendix 2-V of the Board's Filing Requirements, are  
18 provided in Exhibit G2, Tab 1, Schedule 8.

## 19 20 **6.0 TRANSFORMER COST ALLOWANCE**

21  
22 There are circumstances under which Hydro One does not supply customers with  
23 transformation equipment, but rather the customer provides its own equipment. This  
24 occurs usually when the customer has unique consumption characteristics that require the  
25 use of special equipment not usually provided by Hydro One. Since the rates developed  
26 for most customer classes assume that Hydro One provides transformation to the  
27 customer, customers in classes that provide their own transformation are entitled to  
28 receive a credit equivalent to the costs of transformation included in their rates.

The transformation allowance was set previously on a generic basis for LDCs throughout the province. Hydro One is proposing to maintain its currently approved Transformer Ownership Allowance at the previously established rate of \$0.60/kW. Some customers that provide their own transformation are energy billed, therefore, in order to be able to provide these customers with a Transformer Ownership Allowance, an equivalent 0.14 ¢/kWh rate previously approved will be maintained. The proposed Transformer Ownership Allowance will also apply to single-phase customers that provide their own transformation equipment.

The projected cost of the Customer Supplied Transformer Allowance (“CSTA”) credit results in the rate adders shown in Table 6, which are included in the volumetric rates shown on the proposed rate schedules in Exhibit G2, Tab 2, Schedule 1 for the GSd, UGd and DGen rate classes.

**Table 6**  
**CSTA Rate Adders**

<b>Year</b>	<b>CSTA Credit Amount to be Recovered (\$)</b>	<b>Rate Adder for CSTA (\$/kW)</b>
<b>2015</b>	1,149,589	0.0978
<b>2016</b>	1,157,525	0.0983
<b>2017</b>	1,166,050	0.0986
<b>2018</b>	1,163,643	0.0989
<b>2019</b>	1,159,528	0.0992

## **7.0 HOPPER FOUNDRY RATE ADJUSTMENT**

In accordance with the Board's Decision in Hydro One's cost-of-service application EB-2007-0681, Hydro One continues to levy the General Service Demand rates applicable to Hopper Foundry using monthly kW billing determinants determined on a time-of-use basis. As a result of using this approach, Hydro One will collect less revenue from Hopper Foundry in each year of the Custom COS period. The lost revenue amounts and associated adder to be included in the GSd rate schedules shown in Exhibit G2, Tab 2, Schedule 1 are provided in Table 7.

**Table 7**  
**Hopper Foundry Rate Adders**

<b>Year</b>	<b>Lost Revenue Amount (\$)</b>	<b>Hopper Foundry Rate Adder (\$/kW)</b>
<b>2015</b>	91,195	0.0108
<b>2016</b>	99,788	0.0117
<b>2017</b>	111,980	0.0131
<b>2018</b>	124,974	0.0147
<b>2019</b>	138,288	0.0163

## **8.0 BILLING DETERMINANTS**

Hydro One is not proposing any changes to the type of billing determinants currently approved for its customer classes. Customers will continue to be billed a monthly fixed charge and a kWh or kW volumetric charge. For the Streetlight, Sentinel light and



1 Unmetered Scattered Load classes, customers will continue to be charged a monthly per  
2 account service charge and a volumetric charge based on estimated kWh.

3  
4 **9.0 STANDBY RATES**

5  
6 Hydro One's currently approved standby rate consist of a monthly administration charge,  
7 as described in Exhibit G2, Tab 5, Schedule 1, however there are no load displacement  
8 generation customers to which the monthly administration charge is applied.

9  
10 The Board is currently undertaking a consultation process on the development of Standby  
11 Rates Policy for load displacement generation customers (Proceeding EB-2013-0004).

**2015 Rate Design**

			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					
Rate Class	Number of Customers	GWh	kW	Revenue	Allocated Cost	Misc Revenue	Revenue from Rates	2013 R/C Ratio	R/C Ratio from 2015 CAM	Target 2015 R/C Ratio	Total Revenue to be Collected	Shift in Revenue	% Change in Revenue from Rates	Fixed Charge (\$/month)	Revenue from Fixed Charge	Revenue from Volumetric Charge	Volumetric Charge (¢/kWh)	Volumetric Charge (\$/kW)	Fixed Revenue %
UR	209,540	2,001	-	\$ 102,331,383	\$ 79,113,630	\$ 4,231,535	\$ 98,099,848	1.15	1.29	1.15	\$ 90,980,675	\$(11,350,709)	-12%	\$ 20.45	\$ 51,427,454	\$ 35,321,685	1.765		59%
R1	438,279	5,052	-	\$ 339,049,659	\$ 276,037,347	\$ 11,974,293	\$ 327,075,366	1.06	1.23	1.15	\$ 317,442,949	\$(21,606,710)	-7%	\$ 28.16	\$ 148,095,408	\$ 157,373,247	3.115		48%
R2	335,043	4,933	-	\$ 505,717,161	\$ 548,009,481	\$ 15,740,401	\$ 489,876,761	0.93	0.82	0.94	\$ 514,443,620	\$ 8,726,459	2%	\$ 67.96	\$ 273,243,014	\$ 225,460,205	4.570		55%
Seasonal	143,666	474	-	\$ 89,006,651	\$ 97,736,968	\$ 3,027,588	\$ 85,979,063	1.15	0.94	0.94	\$ 91,750,528	\$ 2,743,678	3%	\$ 26.57	\$ 45,813,014	\$ 42,909,927	9.051		52%
GSe	93,508	2,195	-	\$ 156,126,304	\$ 151,958,792	\$ 4,362,042	\$ 151,764,262	1.05	1.03	1.03	\$ 156,126,304	\$ -	0%	\$ 30.08	\$ 33,750,230	\$ 118,014,032	5.377		22%
GSd	6,113	2,404	8,484,670	\$ 121,360,791	\$ 133,130,461	\$ 2,400,876	\$ 118,959,915	0.93	0.91	0.94	\$ 124,976,152	\$ 3,615,361	3%	\$ 83.96	\$ 6,158,534	\$ 116,416,742	4.843	13.721	5%
UGe	17,768	604	-	\$ 15,177,882	\$ 21,371,749	\$ 611,960	\$ 14,565,922	1.20	0.71	0.94	\$ 20,062,718	\$ 4,884,836	34%	\$ 23.15	\$ 4,936,367	\$ 14,514,391	2.403		25%
UGd	1,901	1,068	3,058,267	\$ 26,183,552	\$ 28,084,764	\$ 390,579	\$ 25,792,972	1.20	0.93	0.94	\$ 26,364,557	\$ 181,006	1%	\$ 85.01	\$ 1,939,420	\$ 24,034,558	2.251	7.859	7%
St Lgt	4,883	124	-	\$ 11,030,371	\$ 12,515,616	\$ 310,100	\$ 10,720,271	0.93	0.88	0.94	\$ 11,749,028	\$ 718,657	7%	\$ 4.02	\$ 235,424	\$ 11,203,504	9.071		2%
Sen Lgt	30,009	22	-	\$ 6,843,806	\$ 7,706,116	\$ 3,638,981	\$ 3,204,825	0.93	0.89	0.91	\$ 7,016,268	\$ 172,462	5%	\$ 2.42	\$ 872,015	\$ 2,505,272	11.495		26%
USL	5,642	24	-	\$ 3,605,254	\$ 2,914,636	\$ 91,809	\$ 3,513,445	NA	1.24	1.20	\$ 3,497,563	\$(107,690)	-3%	\$ 39.41	\$ 2,667,995	\$ 737,760	3.067		78%
DGen	1,010	21	216,099	\$ 2,150,371	\$ 5,548,950	\$ 88,122	\$ 2,062,249	1.00	0.39	0.51	\$ 2,830,087	\$ 679,716	33%	\$ 168.02	\$ 2,036,375	\$ 705,589	3.344	3.265	74%
ST	810	16,560	30,696,855	\$ 36,352,092	\$ 50,806,767	\$ 965,465	\$ 35,386,627	1.01	0.72	0.94	\$ 47,694,827	\$ 11,342,735	32%	\$ 862.46	\$ 8,380,897	\$ 38,348,465	0.232	1.249	18%

Total	1,288,172	35,483	42,455,891	\$ 1,414,935,276	\$ 1,414,935,276	\$ 47,833,750	\$ 1,367,101,526				\$ 1,414,935,276	\$ 0			\$ 579,556,148	\$ 787,545,378				
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Target R/C ratio: 1 (Phase in over 5 years)

Sen Lgt	0.91
DGen	0.51

Total Revenue from Rates	\$ 1,367,101,526
Misc Revenue	\$ 47,833,750
Total Revenue Requirement	\$ 1,414,935,276
2015 Revenue at 2014 rates	\$ 1,158,859,444
% Change in Revenue from Rates	17.9696%

## 2016 Rate Design

	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							
Rate Class	Number of Customers	GWh	kW	Revenue	Allocated Cost	Misc Revenue	Revenue from Rates	2015 R/C Ratio	R/C Ratio from 2016 CAM	Target 2016 R/C Ratio	Total Revenue to be Collected	Shift in Revenue	% Change in Revenue from Rates	Fixed Charge (\$/month)	Revenue from Fixed Charge	Revenue from Volumetric Charge	Volumetric Charge (¢/kWh)	Volumetric Charge (\$/kW)	Fixed Revenue %
UR	211,691	2,016	-	\$ 98,020,855	\$ 83,286,114	\$ 4,285,375	\$ 93,735,481	1.15	1.18	1.13	\$ 94,337,170	\$(3,683,685)	-4%	\$ 21.02	\$ 53,385,366	\$ 36,666,429	1.819		59%
R1	443,872	5,109	-	\$ 343,380,462	\$ 296,395,475	\$ 12,239,441	\$ 331,141,022	1.15	1.16	1.13	\$ 335,723,556	\$(7,656,906)	-2%	\$ 29.44	\$ 156,829,551	\$ 166,654,565	3.262		48%
R2	337,693	4,923	-	\$ 552,603,260	\$ 590,424,466	\$ 16,150,369	\$ 536,452,891	0.94	0.94	0.94	\$ 557,852,211	\$ 5,248,951	1%	\$ 73.24	\$ 296,802,263	\$ 244,899,579	4.974		55%
Seasonal	144,188	471	-	\$ 98,101,567	\$ 104,157,520	\$ 3,093,602	\$ 95,007,965	0.94	0.94	0.94	\$ 98,411,407	\$ 309,840	0%	\$ 28.45	\$ 49,218,341	\$ 46,099,464	9.782		52%
GSe	93,788	2,206	-	\$ 167,982,685	\$ 162,857,181	\$ 4,426,150	\$ 163,556,535	1.03	1.03	1.03	\$ 167,982,685	\$ -	0%	\$ 32.32	\$ 36,372,665	\$ 127,183,870	5.764		22%
GSd	6,196	2,438	8,493,971	\$ 134,101,129	\$ 145,968,678	\$ 2,464,503	\$ 131,636,627	0.94	0.92	0.94	\$ 137,915,947	\$ 3,814,818	3%	\$ 91.53	\$ 6,805,470	\$ 128,645,975	5.277	15.146	5%
UGe	17,808	609	-	\$ 21,589,209	\$ 22,720,703	\$ 615,211	\$ 20,973,998	0.94	0.95	0.94	\$ 21,467,258	\$ (121,951)	-1%	\$ 24.76	\$ 5,291,997	\$ 15,560,050	2.555		25%
UGd	1,907	1,077	3,045,878	\$ 28,143,158	\$ 30,551,064	\$ 395,395	\$ 27,747,763	0.94	0.92	0.94	\$ 28,865,637	\$ 722,480	3%	\$ 92.91	\$ 2,125,811	\$ 26,344,432	2.446	8.649	7%
St Lgt	4,927	125	-	\$ 12,721,861	\$ 13,671,503	\$ 316,769	\$ 12,405,092	0.94	0.93	0.94	\$ 12,917,280	\$ 195,419	2%	\$ 4.39	\$ 259,330	\$ 12,341,181	9.876		2%
Sen Lgt	29,840	22	-	\$ 7,320,516	\$ 8,172,135	\$ 3,675,232	\$ 3,645,284	0.91	0.90	0.92	\$ 7,533,421	\$ 212,905	6%	\$ 2.78	\$ 996,184	\$ 2,862,005	12.979		26%
USL	5,691	25	-	\$ 3,787,980	\$ 3,122,197	\$ 91,474	\$ 3,696,506	1.20	1.21	1.13	\$ 3,536,475	\$ (251,505)	-7%	\$ 39.52	\$ 2,698,739	\$ 746,261	3.028		78%
DGen	1,289	23	232,370	\$ 3,700,788	\$ 6,637,167	\$ 101,542	\$ 3,599,246	0.51	0.56	0.67	\$ 4,434,883	\$ 734,095	20%	\$ 208.09	\$ 3,218,242	\$ 1,115,098	4.851	4.799	74%
ST	816	16,629	30,723,761	\$ 51,139,417	\$ 54,628,685	\$ 971,768	\$ 50,167,649	0.94	0.94	0.94	\$ 51,614,956	\$ 475,539	1%	\$ 927.97	\$ 9,082,840	\$ 41,560,348	0.250	1.353	18%
Total	1,299,705	35,674	42,495,980	\$ 1,522,592,888	\$ 1,522,592,888	\$ 48,826,830	\$ 1,473,766,058				\$ 1,522,592,888	\$ (0)			\$ 623,086,801	\$ 850,679,256			

Target R/C ratio: 1 (Phase in over 4 years)

UR 1.13  
Sen Lgt 0.92  
Dgen 0.67

Total Revenue from Rates \$1,473,766,057  
Misc Revenue \$ 48,826,830  
Total Revenue Requirement \$1,522,592,888  
2016 Revenue at 2015 Rates \$1,374,685,991  
% Change in Revenue from Rates 7.2075%

## 2017 Rate Design

2017 Rate Design				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					
Rate Class	Number of Customers	GWh	kW	Revenue	Allocated Cost	Misc Revenue	Revenue from Rates	2016 R/C Ratio	R/C Ratio from 2017 CAM	Target 2017 R/C Ratio	Total Revenue to be Collected	Shift in Revenue	% Change in Revenue from Rates	Fixed Charge (\$/month)	Revenue from Fixed Charge	Revenue from Volumetric Charge	Volumetric Charge (¢/kWh)	Volumetric Charge (\$/kW)	Fixed Revenue %	
UR	213,918	2,039	-	\$ 98,123,029	\$ 85,563,637	\$ 4,389,512	\$ 93,733,516	1.13	1.15	1.10	\$ 93,936,565	\$ (4,186,464)	-4%	\$ 20.68	\$ 53,086,140	\$ 36,460,913	1.788		59%	
R1	449,678	5,184	-	\$ 349,986,645	\$ 307,059,061	\$12,556,087	\$ 337,430,558	1.13	1.14	1.10	\$ 337,106,677	\$ (12,879,968)	-4%	\$ 29.16	\$ 157,346,592	\$ 167,203,998	3.226		48%	
R2	340,418	4,933	-	\$ 576,722,375	\$ 604,755,498	\$16,427,030	\$ 560,295,345	0.94	0.95	0.96	\$ 580,739,947	\$ 4,017,571	1%	\$ 75.69	\$ 309,191,031	\$ 255,121,886	5.171		55%	
Seasonal	144,731	473	-	\$ 101,639,346	\$ 107,067,000	\$ 3,146,442	\$ 98,492,904	0.94	0.95	0.96	\$ 102,815,244	\$ 1,175,898	1%	\$ 29.63	\$ 51,465,023	\$ 48,203,778	10.186		52%	
GSe	94,081	2,216	-	\$ 173,446,361	\$ 170,666,442	\$ 4,527,443	\$ 168,918,918	1.03	1.02	1.02	\$ 173,446,361	\$ -	0%	\$ 33.27	\$ 37,565,183	\$ 131,353,734	5.928		22%	
GSd	6,282	2,469	8,541,960	\$ 142,799,599	\$ 156,637,411	\$ 2,542,493	\$ 140,257,106	0.94	0.91	0.96	\$ 150,417,156	\$ 7,617,556	5%	\$ 98.56	\$ 7,429,648	\$ 140,445,014	5.689	16.442	5%	
UGe	17,851	613	-	\$ 22,187,023	\$ 23,840,495	\$ 628,679	\$ 21,558,344	0.94	0.93	0.96	\$ 22,893,760	\$ 706,737	3%	\$ 26.38	\$ 5,650,608	\$ 16,614,473	2.709		25%	
UGd	1,913	1,086	3,048,496	\$ 29,737,906	\$ 32,612,325	\$ 405,053	\$ 29,332,854	0.94	0.91	0.96	\$ 31,317,251	\$ 1,579,345	5%	\$ 100.56	\$ 2,308,146	\$ 28,604,052	2.635	9.383	7%	
St Lgt	4,973	125	-	\$ 13,313,285	\$ 14,146,512	\$ 320,026	\$ 12,993,258	0.94	0.94	0.96	\$ 13,584,737	\$ 271,452	2%	\$ 4.57	\$ 273,000	\$ 12,991,710	10.383		2%	
Sen Lgt	29,671	22	-	\$ 7,670,875	\$ 8,321,789	\$ 3,702,246	\$ 3,968,629	0.92	0.92	0.95	\$ 7,887,846	\$ 216,971	5%	\$ 3.04	\$ 1,080,721	\$ 3,104,879	14.062		26%	
USL	5,734	25	-	\$ 3,677,731	\$ 3,236,787	\$ 92,349	\$ 3,585,362	1.13	1.14	1.10	\$ 3,553,526	\$ (124,204)	-3%	\$ 39.41	\$ 2,711,412	\$ 749,765	2.972		78%	
DGen	1,523	24	240,223	\$ 5,218,137	\$ 7,537,157	\$ 117,489	\$ 5,100,648	0.67	0.69	0.79	\$ 5,991,143	\$ 773,007	15%	\$ 238.69	\$ 4,362,188	\$ 1,511,467	6.316	6.292	74%	
ST	822	16,731	30,976,388	\$ 53,482,682	\$ 56,560,879	\$ 983,008	\$ 52,499,675	0.94	0.95	0.96	\$ 54,314,780	\$ 832,098	2%	\$ 970.02	\$ 9,565,037	\$ 43,766,735	0.262	1.413	18%	
Total	1,311,594	35,940	42,807,067	\$ 1,578,004,993	\$ 1,578,004,993	\$49,837,856	\$ 1,528,167,136				\$ 1,578,004,993	\$ 0			\$ 642,034,732	\$ 886,132,405				

Target R/C ratio: 1 (Phase in over 3 years)

UR 1.10  
Sen Lgt 0.95  
Dgen 0.79

Total Revenue from Rates \$1,528,167,137  
Misc Revenue \$ 49,837,856  
Total Revenue Requirement \$1,578,004,993  
2017 Revenue at 2016 Rates \$1,484,752,967  
% Change in Revenue from Rates 2.9240%

## 2018 Rate Design

2018 Rate Design				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					
Rate Class	Number of Customers	GWh	kW	Revenue	Allocated Cost	Misc Revenue	Revenue from Rates	2017 R/C Ratio	R/C Ratio from 2018 CAM	Target 2018 R/C Ratio	Total Revenue to be Collected	Shift in Revenue	% Change in Revenue from Rates	Fixed Charge (\$/month)	Revenue from Fixed Charge	Revenue from Volumetric Charge	Volumetric Charge (¢/kWh)	Volumetric Charge (\$/kW)	Fixed Revenue %	
UR	216,443	2,050	-	\$ 96,626,356	\$ 87,367,792	\$ 4,313,091	\$ 92,313,265	1.10	1.11	1.05	\$ 91,997,074	\$ (4,629,282)	-5%	\$ 20.01	\$ 51,981,657	\$ 35,702,326	1.742		59%	
R1	456,145	5,228	-	\$ 347,736,729	\$ 315,269,793	\$ 12,321,026	\$ 335,415,703	1.10	1.10	1.05	\$ 331,974,721	\$ (15,762,009)	-5%	\$ 28.31	\$ 154,972,510	\$ 164,681,184	3.150		48%	
R2	343,578	4,912	-	\$ 594,070,235	\$ 616,361,381	\$ 16,089,425	\$ 577,980,809	0.96	0.96	0.98	\$ 602,441,730	\$ 8,371,495	1%	\$ 77.92	\$ 321,266,567	\$ 265,085,738	5.396		55%	
Seasonal	145,457	473	-	\$ 105,090,436	\$ 107,913,313	\$ 3,084,685	\$ 102,005,751	0.96	0.97	0.98	\$ 105,476,243	\$ 385,807	0%	\$ 30.29	\$ 52,870,947	\$ 49,520,611	10.474		52%	
GSe	94,493	2,199	-	\$ 176,123,034	\$ 173,662,139	\$ 4,441,884	\$ 171,681,149	1.02	1.01	1.01	\$ 176,123,034	\$ -	0%	\$ 33.67	\$ 38,179,464	\$ 133,501,685	6.071		22%	
GSd	6,375	2,472	8,499,358	\$ 152,916,590	\$ 163,876,238	\$ 2,523,871	\$ 150,392,719	0.96	0.93	0.98	\$ 160,175,324	\$ 7,258,734	5%	\$ 103.54	\$ 7,920,862	\$ 149,730,591	6.058	17.617	5%	
UGe	17,919	611	-	\$ 23,315,635	\$ 24,454,097	\$ 621,118	\$ 22,694,517	0.96	0.95	0.98	\$ 23,901,836	\$ 586,201	3%	\$ 27.48	\$ 5,908,365	\$ 17,372,353	2.844		25%	
UGd	1,921	1,082	3,019,175	\$ 31,702,058	\$ 33,949,893	\$ 407,938	\$ 31,294,120	0.96	0.93	0.98	\$ 33,183,183	\$ 1,481,125	5%	\$ 106.14	\$ 2,447,256	\$ 30,327,988	2.803	10.045	7%	
St Lgt	5,026	126	-	\$ 13,920,701	\$ 14,485,810	\$ 320,842	\$ 13,599,859	0.96	0.96	0.98	\$ 14,158,669	\$ 237,968	2%	\$ 4.72	\$ 284,795	\$ 13,553,031	10.786		2%	
Sen Lgt	29,554	22	-	\$ 8,002,384	\$ 8,364,411	\$ 3,717,933	\$ 4,284,451	0.95	0.96	0.98	\$ 8,183,397	\$ 181,014	4%	\$ 3.25	\$ 1,152,982	\$ 3,312,482	14.938		26%	
USL	5,776	26	-	\$ 3,656,724	\$ 3,291,351	\$ 93,472	\$ 3,563,252	1.10	1.11	1.05	\$ 3,465,747	\$ (190,977)	-5%	\$ 38.11	\$ 2,641,768	\$ 730,507	2.862		78%	
DGen	1,719	25	248,297	\$ 6,756,230	\$ 8,302,996	\$ 134,022	\$ 6,622,208	0.79	0.81	0.91	\$ 7,529,613	\$ 773,383	12%	\$ 266.30	\$ 5,492,485	\$ 1,903,107	7.647	7.665	74%	
ST	829	16,718	30,960,496	\$ 55,448,891	\$ 58,066,788	\$ 979,279	\$ 54,469,612	0.96	0.95	0.98	\$ 56,755,432	\$ 1,306,540	2%	\$ 1,005.72	\$ 10,003,436	\$ 45,772,716	0.274	1.478	18%	
Total	1,325,235	35,943	42,727,326	\$ 1,615,366,002	\$ 1,615,366,002	\$ 49,048,586	\$ 1,566,317,415				\$ 1,615,366,002	\$ 0			\$ 655,123,095	\$ 911,194,321				

Target R/C ratio: 1 (Phase in over 2 years)

UR 1.05  
Sen Lgt 0.98  
DGen 0.91

Total Revenue from Rates \$ 1,566,317,415  
Misc Revenue \$ 49,048,586  
Total Revenue Requirement \$ 1,615,366,002  
2018 Revenue at 2017 rates \$ 1,533,949,651  
% Change in Revenue from Rates 2.1101%

## 2019 Rate Design

2019 Rate Design				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				
Rate Class	Number of Customers	GWh	kW	Revenue	Allocated Cost	Misc Revenue	Revenue from Rates	2018 R/C Ratio	R/C Ratio from 2019 CAM	Target 2019 R/C Ratio	Total Revenue to be Collected	Shift in Revenue	% Change in Revenue from Rates	Fixed Charge (\$/month)	Revenue from Fixed Charge	Revenue from Volumetric Charge	Volumetric Charge (¢/kWh)	Volumetric Charge (\$/kW)	Fixed Revenue %
UR	218,631	2,053	-	\$ 94,990,394	\$ 89,547,964	\$ 4,387,751	\$ 90,602,643	1.05	1.06	1.02	\$ 91,338,923	\$ (3,651,471)	-4%	\$ 19.65	\$ 51,547,225	\$ 35,403,947	1.725		59%
R1	461,880	5,255	-	\$ 343,683,238	\$ 325,085,581	\$12,531,789	\$ 331,151,450	1.05	1.06	1.02	\$ 331,587,293	\$ (12,095,945)	-4%	\$ 27.91	\$ 154,682,499	\$ 164,373,005	3.128		48%
R2	346,199	4,872	-	\$ 618,922,343	\$ 630,633,380	\$16,254,539	\$ 602,667,805	0.98	0.98	0.99	\$ 624,459,136	\$ 5,536,793	1%	\$ 80.21	\$ 333,239,593	\$ 274,965,005	5.644		55%
Seasonal	145,966	469	-	\$ 108,081,218	\$ 109,818,628	\$ 3,111,354	\$ 104,969,864	0.98	0.98	0.99	\$ 108,743,444	\$ 662,226	1%	\$ 31.14	\$ 54,544,229	\$ 51,087,861	10.882		52%
GSe	94,764	2,172	-	\$ 179,208,210	\$ 177,145,864	\$ 4,480,121	\$ 174,728,089	1.01	1.01	1.01	\$ 179,208,210	\$ -	0%	\$ 34.17	\$ 38,857,061	\$ 135,871,029	6.256		22%
GSd	6,458	2,464	8,443,180	\$ 163,562,421	\$ 171,464,116	\$ 2,559,971	\$ 161,002,450	0.98	0.95	0.99	\$ 169,785,389	\$ 6,222,968	4%	\$ 108.41	\$ 8,401,886	\$ 158,823,531	6.446	18.811	5%
UGe	17,962	605	-	\$ 24,367,479	\$ 25,117,570	\$ 628,573	\$ 23,738,905	0.98	0.97	0.99	\$ 24,871,655	\$ 504,177	2%	\$ 28.54	\$ 6,152,601	\$ 18,090,481	2.989		25%
UGd	1,927	1,073	2,984,482	\$ 33,722,979	\$ 35,337,954	\$ 412,185	\$ 33,310,794	0.98	0.95	0.99	\$ 34,991,976	\$ 1,268,998	4%	\$ 111.64	\$ 2,581,998	\$ 31,997,794	2.982	10.721	7%
St Lgt	5,071	127	-	\$ 14,661,420	\$ 14,953,652	\$ 324,509	\$ 14,336,910	0.98	0.98	0.99	\$ 14,807,248	\$ 145,828	1%	\$ 4.90	\$ 298,068	\$ 14,184,670	11.194		2%
Sen Lgt	29,391	22	-	\$ 8,343,990	\$ 8,455,965	\$ 3,735,678	\$ 4,608,312	0.98	0.99	0.99	\$ 8,373,176	\$ 29,186	1%	\$ 3.39	\$ 1,197,401	\$ 3,440,097	15.384		26%
USL	5,824	26	-	\$ 3,584,874	\$ 3,377,873	\$ 94,761	\$ 3,490,113	1.05	1.06	1.02	\$ 3,445,430	\$ (139,444)	-4%	\$ 37.56	\$ 2,624,842	\$ 725,827	2.825		78%
DGen	1,908	26	256,373	\$ 8,429,353	\$ 9,043,122	\$ 150,151	\$ 8,279,202	0.91	0.93	0.99	\$ 8,954,585	\$ 525,232	6%	\$ 285.63	\$ 6,538,790	\$ 2,265,644	8.787	8.837	74%
ST	835	16,637	30,861,915	\$ 58,154,621	\$ 59,730,869	\$ 991,424	\$ 57,163,197	0.98	0.97	0.99	\$ 59,146,072	\$ 991,451	2%	\$ 1,041.23	\$ 10,430,018	\$ 47,724,630	0.287	1.546	18%
Total	1,336,816	35,801	42,545,951	\$ 1,659,712,539	\$ 1,659,712,539	\$49,662,806	\$ 1,610,049,733				\$1,659,712,538	\$ (0)			\$ 671,096,212	\$ 938,953,520			
																Total Revenue from Rates	\$ 1,610,049,732		
																Misc Revenue	\$ 49,662,806		
																Total Revenue Requirement	\$ 1,659,712,538		
																2019 Revenue at 2018 rates	\$ 1,567,679,209		
																% Change in Revenue from Rates	2.7028%		

Phase-in Complete

## Common Line Rate Calculation

Minus	2015			2016			2017			2018			2019		
	Billing Quantity (Annual)	Rates (adjusted for target r/c but not rounded)	Revenue Generated (Annual)	Billing Quantity (Annual)	Rates (adjusted for target r/c but not rounded)	Revenue Generated (Annual)	Billing Quantity (Annual)	Rates (adjusted for target r/c but not rounded)	Revenue Generated (Annual)	Billing Quantity (Annual)	Rates (adjusted for target r/c but not rounded)	Revenue Generated (Annual)	Billing Quantity (Annual)	Rates (adjusted for target r/c but not rounded)	Revenue Generated (Annual)
HVDS-high cost allocation	496,894.74	1.8444	916,472.67	498,475.58	1.8444	919,388.37	503,831.66	1.8444	929,267.11	504,846.45	1.8444	931,138.80	504,617.47	1.8444	930,716.47
HVDS-low cost allocation	31,668.18	3.8691	122,527.34	31,455.71	3.4110	107,295.42	31,562.37	3.4411	108,609.27	31,353.83	3.4763	108,995.31	31,058.27	3.4874	108,312.60
LVDS-low cost allocation	885,144.56	2.0247	1,792,152.18	885,962.55	1.5666	1,387,948.93	890,677.16	1.5967	1,422,144.22	887,298.96	1.6319	1,447,983.16	881,463.39	1.6430	1,448,244.36
Specific ST lines	1,096.45	960.9097	1,053,591.36	1,096.45	821.15	900,350.02	1,096.45	865.01	948,439.31	1,096.45	858.99	941,845.36	1,096.45	868.59	952,364.06
Specific Primary lines	-	722.7036	-	-	617.59	-	-	650.58	-	-	646.05	-	-	653.27	-
Plus:															
Fixed Rate	9,717.39	453.70	4,408,780.33	9,787.84	441.70	4,323,289.53	9,860.69	424.87	4,189,513.37	9,946.51	427.79	4,255,016.79	10,017.03	430.10	4,308,326.05
Meter Charge	5,880.00	675.53	3,972,116.40	5,880.00	782.25	4,599,630.00	5,880.00	833.62	4,901,685.60	5,880.00	886.74	5,214,031.20	5,880.00	934.76	5,496,388.80
Total revenue generated through other delivery charges: Revenue to be collected by ST (adjusted for change in revenue from Rates target R/C Ratio)			\$ 12,265,640			\$ 12,237,902			\$ 12,499,659			\$ 12,899,011			\$ 13,244,352
			\$ 46,729,362			\$ 50,643,189			\$ 53,331,772			\$ 55,776,152			\$ 58,154,648
ST Common Line Revenue Requirement (Annual)			\$ 34,463,721			\$ 38,405,286			\$ 40,832,113			\$ 42,877,142			\$ 44,910,296
ST Common Line Charge Determinant (Annual)	30,696,855			30,723,761			30,976,388			30,960,496			30,861,915		
ST Common Line Charge (\$/kW)		\$ 1.1227			\$ 1.2500			\$ 1.3182			\$ 1.3849			\$ 1.4552	

**LVDS-Low Rate Calculation**

A ST share of LVDS-low station gross fixed assets (per 2012 YE data) \$ 5,982,710

B Gross Fixed Assets of all Distribution plant (per CAM Sheet O6)  
C=A/B ST LVDS-low station gross fixed assets as share of all Distribution assets

2015	2016	2017	2018	2019
\$343,495,002	\$361,793,600	\$380,840,553	\$400,611,455	\$420,615,174
1.74%	1.65%	1.57%	1.49%	1.42%

		2015		2016		2017		2018		2019	
		D	DxC	E	ExC	F	FxC	G	GxC	H	HxC
USoA	Account	ST Total	LVDS Low Portion	ST Total	LVDS Low Portion	ST Total	LVDS Low Portion	ST Total	LVDS Low Portion	ST Total	LVDS Low Portion
5005	Operation Supervision and Engineering	\$ 102,816	\$ 1,791	\$ 103,242	\$ 1,707	\$ 104,957	\$ 1,649	\$ 106,329	\$ 1,588	\$ 108,149	\$ 1,538
5012	Station Buildings and Fixtures Expense (not applicable To LVDS low)										
5016*	Distribution Station Equipment - Operation Labour	\$ 162,910	\$ 162,910	\$ 165,358	\$ 165,358	\$ 170,617	\$ 170,617	\$ 173,242	\$ 173,242	\$ 174,014	\$ 174,014
5017*	Distribution Station Equipment - Operation Supplies and Expenses	\$ 53,699	\$ 53,699	\$ 54,507	\$ 54,507	\$ 56,240	\$ 56,240	\$ 57,105	\$ 57,105	\$ 57,362	\$ 57,362
5105	Maintenance Supervision and Engineering	\$ 355,431	\$ 6,191	\$ 409,385	\$ 6,770	\$ 414,559	\$ 6,512	\$ 386,152	\$ 5,767	\$ 375,543	\$ 5,342
5110	Maintenance of Buildings and Fixtures - Distribution Stations	\$ 141,926	\$ 141,926	\$ 143,307	\$ 143,307	\$ 146,351	\$ 146,351	\$ 147,958	\$ 147,958	\$ 146,787	\$ 146,787
5114*	Maintenance of Distribution Station Equipment	\$ 421,432	\$ 421,432	\$ 426,735	\$ 426,735	\$ 439,009	\$ 439,009	\$ 447,427	\$ 447,427	\$ 455,333	\$ 455,333
5405 to 5680	25 General Admin. Acc'ts (12 non-zero)	\$ 4,716,066	\$ 82,141	\$ 4,739,431	\$ 78,372	\$ 4,710,238	\$ 73,994	\$ 4,711,252	\$ 70,358	\$ 4,719,714	\$ 67,132
	Other ("NIDIT") "expenses"										
3046	Net Inc (Balance Transferred From Income)	\$ 9,018,142	\$ 157,070	\$ 9,784,702	\$ 161,802	\$ 10,542,758	\$ 165,619	\$ 11,178,855	\$ 166,944	\$ 11,727,191	\$ 166,804
5705	Amortization Expense - Property, Plant, and Equipment	\$ 10,252,645	\$ 178,572	\$ 10,722,976	\$ 177,318	\$ 11,297,931	\$ 177,482	\$ 11,912,762	\$ 177,905	\$ 12,512,626	\$ 177,976
6005	Interest on Long Term Debt	\$ 6,666,926	\$ 116,119	\$ 7,281,826	\$ 120,414	\$ 7,885,014	\$ 123,867	\$ 8,540,678	\$ 127,546	\$ 9,309,521	\$ 132,416
6105	Taxes Other Than Income Taxes	\$ 167,148	\$ 2,911	\$ 174,255	\$ 2,882	\$ 181,418	\$ 2,850	\$ 188,537	\$ 2,816	\$ 195,800	\$ 2,785
6110	Income Taxes	\$ 1,860,545	\$ 32,405	\$ 2,163,834	\$ 35,782	\$ 2,273,881	\$ 35,721	\$ 2,372,521	\$ 35,431	\$ 2,537,484	\$ 36,092
	Annual LVDS Low Revenue Requirement per CAM	\$ 1,357,168		\$ 1,374,954		\$ 1,399,912		\$ 1,414,086		\$ 1,423,581	
	Annual LVDS Low Revenue Requirement after R/C adjustment per Rate Design Sheet	\$ 1,792,190		\$ 1,387,987		\$ 1,422,100		\$ 1,448,005		\$ 1,448,272	
	Annual Forecast LVDS Low Charge Determinant (kW)	885,145		885,963		890,677		887,299		881,463	
	<b>Proposed LVDS Low Rate (\$/kW)</b>	<b>\$ 2.0247</b>		<b>\$ 1.5666</b>		<b>\$ 1.5967</b>		<b>\$ 1.6319</b>		<b>\$ 1.6430</b>	

\*USofA 5016, 5017 & 5114 are wholly recovered by the LVDS Low tariff



**Specific Line Rates Calculation**

A	Relative unit line costs (Primary to ST)	75.2%
<u>Total Line Lengths (actual kms year end 2012)</u>		
	44 kV to 13.8 kV inclusive	27,098
	12.5 to 4.16 kV inclusive	91,502
	Total kms of 50kV-to-4.16kV line	118,599
B	Total weighted kms of 50kV-4.16kV line	95,916

CAM O4 Summary by Class and Accounts	2015		2016		2017		2018		2019	
	Total	Assigned to Lines	Total	Assigned to Lines	Total	Assigned to Lines	Total	Assigned to Lines	Total	Assigned to Lines
Costs: di Lines - 50kV to 750V	\$ 227,580,896	\$ 227,580,896	\$ 262,322,535	\$ 262,322,535	\$ 266,460,007	\$ 266,460,007	\$ 249,571,448	\$ 249,571,448	\$ 243,662,003	\$ 243,662,003
Costs: di General + di Remainder	\$ 72,162,379		\$ 79,216,855		\$ 77,566,372		\$ 82,608,667		\$ 81,639,270	
Costs: cu group (excluding customer premise costs)	\$ 69,222,385		\$ 68,911,065		\$ 69,215,997		\$ 70,134,112		\$ 71,331,478	

Calculated proportion of total di+cu costs allocated to ST and Primary Lines: 62% 64% 64% 62% 61%

Expenses	Rate Base Assets	Total	Assigned to Lines	Total	Assigned to Lines	Total	Assigned to Lines	Total	Assigned to Lines	Total	Assigned to Lines
Distribution Costs (di)	di	\$299,743,275	\$227,580,896	\$341,539,389	\$262,322,535	\$344,026,379	\$266,460,007	\$332,180,116	\$249,571,448	\$325,301,273	\$243,662,003
Customer Related Costs (cu)	cu	\$115,547,644		\$115,530,702		\$115,940,702		\$117,459,388		\$119,563,464	
General and Administration (ad)	ad	\$138,263,922	\$85,282,265	\$142,087,737	\$90,809,536	\$142,696,532	\$92,011,181	\$142,647,911	\$88,490,148	\$143,284,933	\$88,023,729
Depreciation and Amortization (dep)	dep	\$355,415,643	\$219,223,140	\$374,931,648	\$239,622,149	\$390,156,681	\$251,574,277	\$402,850,454	\$249,904,091	\$413,635,651	\$254,107,334
PILs (INPUT)	INPUT	\$52,512,828	\$32,390,322	\$60,478,151	\$38,652,124	\$63,035,202	\$40,645,300	\$65,364,667	\$40,548,292	\$69,542,415	\$42,721,747
Interest	INT	\$188,170,223	\$116,064,861	\$203,523,637	\$130,073,766	\$218,583,741	\$140,943,496	\$235,301,799	\$145,967,025	\$255,137,227	\$156,737,555
Direct Allocation		\$10,749,789	\$0	\$11,023,762	\$0	\$11,305,605	\$0	\$11,576,202	\$0	\$11,851,538	\$0
Allocated Net Income (NI)	NI	\$254,531,952	\$156,997,293	\$273,477,862	\$174,782,133	\$292,260,151	\$188,450,281	\$307,985,466	\$191,055,582	\$321,396,038	\$197,442,097
<b>Total Revenue Requirement (includes NI)</b>		<b>\$1,414,935,276</b>	<b>\$837,538,776</b>	<b>\$1,522,592,888</b>	<b>\$936,262,243</b>	<b>\$1,578,004,993</b>	<b>\$980,084,542</b>	<b>\$1,615,366,002</b>	<b>\$965,536,586</b>	<b>\$1,659,712,539</b>	<b>\$982,694,466</b>

Total Revenue Requirement after R/C adjustment per

C	Rate Design Sheet	\$ 1,106,001,213	\$ 945,137,079	\$ 995,618,470	\$ 988,696,519	\$ 999,738,530
D=C/B/12	Specific ST Line Rate (\$/per km/month):	\$ 960.91	\$ 821.15	\$ 865.01	\$ 858.99	\$ 868.59
DxA	Specific Primary Line Rate (\$/per km/month)	\$ 722.70	\$ 617.59	\$ 650.58	\$ 646.05	\$ 653.27

## **RATE RIDERS**

### **1.0 REGULATORY ASSET RATE RIDER**

This section describes the methodology used to allocate the Regulatory Asset amounts, as identified in Exhibit F1, Tab 1, Schedule 1, among customer classes.

The methodology proposed to allocate the Regulatory Asset balances to customer classes follows the approach approved in previous Hydro One applications for similar regulatory assets, or aligns with the cost allocators used in the Boards CAM.

Hydro One proposes that Regulatory Assets associated with overall revenue requirement (e.g. Pension, OEB Costs, Smart Grid, Green Energy) be disposed of using riders with both a fixed and volumetric component. Regulatory Assets associated with customer based charges (e.g. Smart Meter) will be disposed of via a fixed rider. RSVA balances will be disposed of via a volumetric rider.

It is proposed that all Regulatory Asset be disposed of evenly over the five-year Custom COS period to smooth customer impacts.

Table 1 shows the regulatory accounts and balances proposed for disposition. The table also lists the allocators used to distribute these costs among customer classes and the rationale for using these allocators.

**Table 1**

**Regulatory Asset Account Balances and Allocators Proposed for Disposition**

<b>Variance Account</b>	<b>Account balance (\$)</b>	<b>Proposed Allocator</b>	<b>Rationale</b>
RSVA-Wholesale Market Service Charge	(73,078,802)	Forecast kWh excluding wholesale market participants	Previously approved by the Board in EB-2012-0136 and per IRM methodology
RSVA-Retail Transmission Network Charge	39,720,537	Forecast kWh for all customers	Previously approved by the Board in EB-2012-0136 and per IRM methodology
RSVA-Retail Transmission Connection Charge	16,626,828	Forecast kWh for all customers	Previously approved by the Board in EB-2012-0136 and per IRM methodology
RSVA-Low Voltage Variance	3,970,868	Forecast kWh for all customers	Previously approved by the Board in EB-2012-0136 and per IRM methodology
RSVA-Global Adjustment	(22,750,129)	Forecast kWh for non-RPP, non-LDC and class B customers	Previously approved by the Board in EB-2012-0136 and per IRM methodology
RSVA-Power (Line Losses)	(555,490)	Forecast kWh for all customers	Previously approved by the Board in EB-2012-0136 and per IRM methodology
Disposition & Recovery of Regulatory Balances (2011)	(705,661)	Forecast kWh for all customers	Previously approved by the Board in EB-2012-0136 and per IRM methodology
RCVA	1,064,118	Forecast number of customers	Previously approved by the Board in EB-2009-0096

<b>Variance Account</b>	<b>Account balance (\$)</b>	<b>Proposed Allocator</b>	<b>Rationale</b>
OEB Costs	9,317,037	OM&A from Cost Allocation study	Previously approved by the Board in EB-2007-0681
DSC Exemption	6,674,988	2015 Revenue Requirement share	Same allocator used for Green Energy Costs in EB-2009-0096
Special Purpose Charge Variance	173,860	Forecast kWh for all customers	Same basis as charge incurred and per IRM methodology
Tax Changes	(17,763,206)	Net Fixed Assets from Cost Allocation study	Previously approved by the Board in EB-2007-0681
MicroFIT Connection Charge Variance	(1,581,655)	OM&A from Cost Allocation study	Treated like another source of revenue. Same allocator used in the CAM for Miscellaneous Revenue
Deferred Pension	60,129,031	2015 Revenue Requirement share	Treated same as other contributors to Revenue Requirement (eg. Smart Grid and Green Energy approved in EB-2009-0096)
Generator Joint Use	(322,211)	OM&A from Cost Allocation study	Treated like another source of revenue. Same allocator used in the CAM for Miscellaneous Revenue
Capex Variance	(1,752,777)	2015 Revenue Requirement share	Previously approved by the Board in EB-2008-0187
Smart Meter	4,686,792	Number of metered customers	Previously approved by the Board in EB-2009-0096
Smart Grid	(1,060,232)	2015 Revenue Requirement share	Previously approved by the Board in EB-2012-0136
Green Energy	(1,487,313)	2015 Revenue Requirement share	Previously approved by the Board in EB-2009-0096

- 1
- 2 Each test year's forecast of the number of customers, annual energy and peak demand are
- 3 used as charge determinants to derive the annual rate rider amounts.

Table 2 provides a summary of the proposed Regulatory Assets Rider by rate class. Details of the derivation of the rider amounts for all rate classes for each year of the Custom COS period are provided in Exhibit G1, Tab 5, Schedule 2.

**Table 2**  
**Regulatory Assets Rate Rider by Rate Class**

Rate Class	2015		2016		2017		2018		2019	
	Fixed (\$/month)	Variable (\$/kWh or \$/kW)	Fixed (\$/month)	Variable (\$/kWh or \$/kW)	Fixed (\$/month)	Variable (\$/kWh or \$/kW)	Fixed (\$/month)	Variable (\$/kWh or \$/kW)	Fixed (\$/month)	Variable (\$/kWh or \$/kW)
<b>UR</b>	0.25	-0.0001	0.24	-0.0001	0.23	-0.0001	0.22	-0.0001	0.21	-0.0002
<b>R1</b>	0.30	0.0000	0.30	0.0000	0.28	0.0000	0.27	-0.0001	0.26	-0.0001
<b>R2</b>	0.58	0.0001	0.58	0.0001	0.58	0.0001	0.59	0.0001	0.59	0.0001
<b>Seasonal</b>	0.28	0.0004	0.28	0.0004	0.28	0.0004	0.28	0.0004	0.28	0.0004
<b>GSe</b>	0.31	0.0001	0.30	0.0001	0.30	0.0001	0.30	0.0001	0.29	0.0001
<b>GSd</b>	0.65	0.0144	0.65	0.0160	0.68	0.0210	0.69	0.0258	0.71	0.0297
<b>UGe</b>	0.25	-0.0001	0.25	-0.0001	0.25	-0.0001	0.25	-0.0001	0.26	-0.0001
<b>UGd</b>	0.66	-0.0434	0.66	-0.0430	0.69	-0.0401	0.71	-0.0376	0.73	-0.0357
<b>St Lgt</b>	0.04	0.0004	0.05	0.0004	0.05	0.0005	0.05	0.0005	0.05	0.0005
<b>Sen Lgt</b>	0.03	0.0005	0.03	0.0006	0.03	0.0007	0.03	0.0007	0.03	0.0007
<b>USL</b>	0.35	0.0000	0.33	0.0000	0.32	0.0000	0.30	-0.0001	0.28	-0.0001
<b>DGen</b>	1.72	0.0047	1.93	0.0154	2.12	0.0268	2.31	0.0370	2.42	0.0449
<b>ST-General</b>	6.54	0.1895	6.50	0.1891	6.55	0.1875	6.64	0.1876	6.70	0.1882
<b>ST-Excl WMP</b>		-0.2685		-0.2679		-0.2651		-0.2649		-0.2658

**Note:** Global Adjustment Rate Rider of -0.0006 \$/kWh will apply to all non-RPP, non-LDC, and class B customers for the entire Custom COS period.

**2.0 REVENUE SMOOTHING RATE RIDER**

The amount of revenue required in each test year to smooth the overall distribution rate impacts over the five year Custom COS period is discussed in Exhibit F1, Tab 1, Schedule 2.

Hydro One proposes to dispose of the annual smoothing revenue via a rider with both fixed and volumetric components consistent with how revenue would normally be collected from customers. The allocation of the smoothing revenue to each rate class will be based on the share of total revenue collected by rate class. The smoothing revenue by rate class will be split between fixed and volumetric components in proportion to the amount of revenue collected via fixed and volumetric charges for each rate class. As with the Regulatory Asset rate rider, each test year's forecast for number of customers, annual energy and peak demand are used as charge determinants to derive the annual rate rider amounts.

Table 3 provides a summary of the Revenue Smoothing Rider by rate class. Details of the derivation of the rider amounts for all rate classes for each year of the Custom COS period are provided in Exhibit G1, Tab 5, Schedule 3.

**Table 3**

**Revenue Smoothing Rate Rider by Rate Class**

Rate Class	2015		2016		2017		2018		2019	
	Fixed (\$/month)	Variable (\$/kWh or \$/kW)	Fixed (\$/month)	Variable (\$/kWh or \$/kW)	Fixed (\$/month)	Variable (\$/kWh or \$/kW)	Fixed (\$/month)	Variable (\$/kWh or \$/kW)	Fixed (\$/month)	Variable (\$/kWh or \$/kW)
<b>UR</b>	-0.78	-0.0007	-0.98	-0.0008	-0.30	-0.0003	0.53	0.0005	1.25	0.0011
<b>R1</b>	-1.08	-0.0012	-1.37	-0.0015	-0.43	-0.0005	0.74	0.0008	1.77	0.0020
<b>R2</b>	-2.60	-0.0017	-3.41	-0.0023	-1.11	-0.0008	2.05	0.0014	5.09	0.0036
<b>Seasonal</b>	-1.02	-0.0035	-1.33	-0.0046	-0.43	-0.0015	0.80	0.0027	1.98	0.0069
<b>GSe</b>	-1.15	-0.0021	-1.51	-0.0027	-0.49	-0.0009	0.88	0.0016	2.17	0.0040
<b>GSd</b>	-3.21	-0.5244	-4.26	-0.7057	-1.44	-0.2405	2.72	0.4624	6.88	1.1934
<b>UGe</b>	-0.88	-0.0009	-1.15	-0.0012	-0.39	-0.0004	0.72	0.0007	1.81	0.0019
<b>UGd</b>	-3.25	-0.3004	-4.33	-0.4030	-1.47	-0.1373	2.79	0.2637	7.08	0.6802
<b>St Lgt</b>	-0.15	-0.0035	-0.20	-0.0046	-0.07	-0.0015	0.12	0.0028	0.31	0.0071
<b>Sen Lgt</b>	-0.09	-0.0044	-0.13	-0.0060	-0.04	-0.0021	0.09	0.0039	0.22	0.0098
<b>USL</b>	-1.51	-0.0012	-1.84	-0.0014	-0.58	-0.0004	1.00	0.0008	2.38	0.0018
<b>DGen</b>	-6.42	-0.1248	-9.70	-0.2236	-3.49	-0.0920	6.99	0.2012	18.12	0.5606
<b>ST</b>	-32.96	-0.0477	-43.24	-0.0630	-14.19	-0.0207	26.40	0.0388	66.06	0.0981

Determination of Deferral/Variance Account Rate Rider Amounts by Rate Class (2015)

	Allocators	Value	Source	UR	R1	R2	Seasonal	GSe	GSD	UGe	UGd	St Lgt	Sen Lgt	USL	Dgen	ST
2	Number of Customers	1,288,172	2015 Load Forecast	209,540	438,279	335,043	143,666	93,508	6,113	17,768	1,901	4,883	30,009	5,642	1,010	810
3	KWh	35,482,549,090	2015 Load Forecast	2,001,279,224	5,052,450,892	4,933,406,049	474,073,680	2,194,809,668	2,404,019,346	604,059,537	1,067,646,621	123,507,003	21,795,353	24,056,636	21,102,942	16,560,342,139
4	KWh and WMP	23,873,621,746	2015 Load Forecast	2,001,279,224	5,052,450,892	4,933,406,049	474,073,680	2,194,809,668	2,404,019,346	604,059,537	1,067,646,621	123,507,003	21,795,353	24,056,636	21,102,942	4,951,414,795
5	KWh for Non-RPP, Non-LDC, and Class B customers	7,753,198,855	2015 Load Forecast	272,738,525	565,377,683	546,849,052	12,058,813	456,886,453	2,219,813,865	139,536,737	1,017,402,300	61,431,166	3,481,968	1,529,263	21,733,354	2,434,359,677
6	Billing kWhs	42,455,891	2015 Load Forecast						8,484,670		3,058,267				216,099	30,696,855
7	OM&A	100%	2015 Cost Allocation Model: E2 Allocators sheet	6.86%	21.82%	38.42%	7.27%	10.54%	6.85%	1.43%	1.42%	0.99%	0.52%	0.28%		3.31%
8	NFA	100%	2015 Cost Allocation Model: E2 Allocators sheet	4.62%	18.03%	39.91%	6.72%	10.92%	1.09%	1.52%	2.28%	0.86%	0.41%	0.17%		3.54%
9	Revenue From Rates	\$1,367,101,526	2015 Rate Design	\$86,749,139	\$305,468,655	\$498,703,219	\$88,722,941	\$152,575,276	\$19,450,758	\$25,973,978	\$11,438,928	\$3,377,287	\$3,405,755	\$2,741,965	\$46,729,362	
10	Fixed Revenue Requirement	\$579,556,148	2015 Rate Design	\$51,427,454	\$148,095,408	\$273,243,014	\$45,813,014	\$33,750,230	\$6,158,534	\$4,936,367	\$1,939,420	\$235,424	\$872,015	\$2,667,995	\$2,036,375	\$3,880,897
11	Volumetric Revenue Requirement	\$787,545,378	2015 Rate Design	\$35,321,685	\$157,373,247	\$225,460,205	\$42,909,927	\$118,014,032	\$116,416,742	\$14,514,391	\$24,034,558	\$11,203,504	\$2,505,272	\$737,760	\$705,589	\$38,348,465
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14	Rider Development															
15		Amount to be collected/refunded	Allocator													
16	RSVA-Wholesale Market Service Charge	\$	(73,078,802) kWh Exc WMP	(\$6,126,054)	(\$15,465,901)	(\$15,101,496)	(\$1,451,172)	(\$6,718,464)	(\$7,358,869)	(\$1,849,068)	(\$3,268,140)	(\$378,063)	(\$66,717)	(\$73,639)	(\$64,596)	(\$15,156,622)
17	RSVA-Retail Transmission Network Charge	\$	39,720,537 kWh	\$2,240,309	\$5,655,909	\$5,522,645	\$530,696	\$2,456,955	\$2,691,152	\$676,208	\$1,195,165	\$138,259	\$24,399	\$26,930	\$23,623	\$18,538,287
18	RSVA-Retail Transmission Connection Charge	\$	16,626,828 kWh	\$937,783	\$2,367,537	\$2,311,753	\$222,147	\$1,028,470	\$1,126,503	\$283,057	\$500,290	\$57,874	\$10,213	\$11,273	\$9,889	\$7,760,039
19	RSVA-LV Variance	\$	3,970,868 kWh	\$223,964	\$565,422	\$552,100	\$53,054	\$245,622	\$269,035	\$67,601	\$119,481	\$13,822	\$2,439	\$2,692	\$2,362	\$1,853,275
20	RSVA-Global Adjustment	\$	(22,750,129) kWh for Non-RPP	(\$800,294)	(\$1,658,982)	(\$1,604,813)	(\$35,384)	(\$1,340,637)	(\$6,513,576)	(\$409,441)	(\$2,985,353)	(\$180,257)	(\$10,217)	(\$4,487)	(\$63,772)	(\$7,143,116)
21	RSVA-Power (Line Losses)	\$	(555,480) kWh	(\$31,331)	(\$79,098)	(\$77,234)	(\$7,422)	(\$34,360)	(\$37,636)	(\$9,457)	(\$16,714)	(\$1,934)	(\$341)	(\$377)	(\$330)	(\$259,257)
22	Disposition & Recovery of Regulatory Balances (2011)	\$	(705,661) kWh	(\$39,801)	(\$100,481)	(\$98,113)	(\$9,428)	(\$43,649)	(\$47,810)	(\$12,013)	(\$21,233)	(\$2,456)	(\$433)	(\$478)	(\$420)	(\$329,345)
23	RCVA	\$	1,064,118 Number of customers	\$173,094	\$362,049	\$276,768	\$118,678	\$77,244	\$5,050	\$14,678	\$1,571	\$4,033	\$24,790	\$4,660	\$834	\$669
24	OEB Costs	\$	9,317,037 OM&A	\$639,179	\$2,033,247	\$3,579,963	\$677,409	\$981,861	\$638,315	\$133,287	\$132,612	\$92,016	\$48,577	\$26,421	\$26,086	\$308,063
25	DSC Exemption	\$	6,674,988 2015 Revenue Requirement Share	\$423,560	\$1,491,476	\$2,434,960	\$433,197	\$741,002	\$598,494	\$94,970	\$126,820	\$55,852	\$16,490	\$16,629	\$13,388	\$228,160
26	Special Purpose Charge Variance	\$	173,860 kWh	\$9,806	\$24,756	\$24,173	\$2,323	\$10,754	\$11,779	\$2,960	\$5,231	\$605	\$107	\$118	\$103	\$81,143
27	Tax Changes	\$	(17,763,206) NFA	(\$819,838)	(\$3,202,226)	(\$7,089,872)	(\$1,192,873)	(\$1,940,601)	(\$1,947,610)	(\$269,691)	(\$404,847)	(\$151,899)	(\$72,810)	(\$29,355)	(\$12,229)	(\$629,356)
28	MicroFit Connection Charge Variance	\$	(1,581,655) OM&A	(\$108,507)	(\$345,163)	(\$106,733)	(\$114,997)	(\$106,680)	(\$108,360)	(\$22,627)	(\$22,512)	(\$15,621)	(\$8,246)	(\$4,485)	(\$4,428)	(\$52,297)
29	Deferred Pension	\$	60,129,031 2015 Revenue Requirement Share	\$3,815,475	\$13,435,384	\$21,934,392	\$3,802,288	\$6,675,026	\$5,391,211	\$855,500	\$1,142,410	\$503,117	\$148,543	\$149,795	\$120,599	\$2,055,291
30	Generator Joint Use	\$	(522,211) OM&A	(\$22,105)	(\$70,316)	(\$123,806)	(\$23,427)	(\$33,956)	(\$22,075)	(\$4,609)	(\$4,586)	(\$3,192)	(\$1,680)	(\$914)	(\$10,654)	
31	Capex Variance	\$	(1,752,777) 2015 Revenue Requirement Share	(\$111,222)	(\$391,645)	(\$639,393)	(\$113,753)	(\$194,579)	(\$157,155)	(\$24,938)	(\$33,302)	(\$14,666)	(\$4,330)	(\$4,367)	(\$3,516)	(\$59,912)
32	Smart Meter	\$	4,686,792 Number of customers excluding unmetered	\$787,144	\$1,646,409	\$1,258,598	\$539,686	\$351,267	\$22,963	\$66,747	\$7,142	\$0	\$0	\$0	\$3,794	\$3,042
33	Smart Grid	\$	(1,060,232) 2015 Revenue Requirement Share	(\$67,277)	(\$236,901)	(\$68,808)	(\$117,698)	(\$95,061)	(\$15,085)	(\$20,144)	(\$8,871)	(\$2,619)	(\$2,641)	(\$2,126)	(\$36,240)	
34	Green Energy	\$	(1,487,313) 2015 Revenue Requirement Share	(\$94,377)	(\$332,329)	(\$542,555)	(\$96,524)	(\$165,109)	(\$133,354)	(\$21,161)	(\$28,258)	(\$12,445)	(\$3,674)	(\$3,705)	(\$2,983)	(\$50,838)
35																
36		\$	21,306,580													
37	Total Regulatory Assets for Approval	\$	21,306,580													
38		\$		\$ 1,029,510	\$ 5,699,149	\$ 11,623,776	\$ 3,365,692	\$ 1,812,467	\$ (5,667,013)	\$ (443,083)	\$ (3,574,366)	\$ 96,183	\$ 104,489	\$ 114,069	\$ 45,374	\$ 7,100,332
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ST Volumetric Rider Derivation	Rider Revenue (\$)	Charge Determinant (kW)	Rider (\$/kW)
General (All volumetric rider revenue excluding RSVA-Wholesale Market Service Charge)	5,816,420	30,696,855	0.1895
Excluding WMP (Rider revenue for RSVA Wholesale Market Service Charge)	-3,031,324	11,289,591	-0.2685



Allocators	Value	Source	U1	R1	R2	Seasonal	GSe	Gsd	Ug	Ugd	St Lgt	Sen Lgt	USL	Dgen	ST
Number of Customers	1,299,705	2016 Load Forecast	211,691	443,872	337,693	144,188	93,788	6,196	17,808	1,907	4,927	29,840	5,691	1,289	816
kWh	35,674,072,033	2016 Load Forecast	2,016,183,097	5,108,854,783	4,923,248,614	471,244,703	2,206,447,679	2,438,092,291	609,041,231	1,077,211,367	124,955,158	2,448,223	22,986,381	16,629,106,986	
kWh excl WMP	24,022,162,340	2016 Load Forecast	2,016,183,097	4,923,248,614	4,923,248,614	471,244,703	2,206,447,679	2,438,092,291	609,041,231	1,077,211,367	124,955,158	2,448,223	22,986,381	14,975,995,193	
kWh for Non-RPP, Non-LDC, and Class B customers	7,817,234,654	2016 Load Forecast	217,689,656	545,223,139	11,986,854	459,309,100	2,251,276,006	1,026,516,920	621,544,161	3,252,795	1,566,869	23,775,117	2,444,467,861		
Billing kW	42,495,980	2016 Load Forecast	-	-	-	-	-	8,493,917	-	3,045,878	-	233,370	30,723,761		
OM&A	100%	2016 Cost Allocation Model: E2 Allocators sheet	6.65%	21.70%	38.77%	7.32%	10.44%	6.92%	1.39%	1.14%	1.01%	0.52%	0.28%	0.31%	3.26%
NFA	100%	2016 Cost Allocation Model: E2 Allocators sheet	4.55%	18.04%	39.75%	6.81%	10.91%	11.22%	1.51%	2.32%	0.87%	0.41%	0.17%	0.08%	3.58%
Revenue From Rates	\$1,473,766,057	2016 Rate Design	\$90,051,795	\$323,484,115	\$541,701,842	\$95,317,806	\$163,556,535	\$135,451,445	\$28,402,243	\$10,600,511	\$3,856,189	\$3,445,001	\$4,333,340	\$50,643,189	
Fixed Revenue Requirement	\$623,086,801	2016 Rate Design	\$53,385,366	\$156,829,551	\$296,802,263	\$49,218,341	\$36,372,665	\$6,805,470	\$5,291,997	\$2,125,811	\$259,330	\$996,184	\$2,698,739	\$3,218,242	\$9,082,840
Voluntary Revenue Requirement	\$90,679,256	2016 Rate Design	\$36,666,429	\$166,654,565	\$244,899,576	\$46,099,464	\$127,183,870	\$128,645,975	\$15,560,505	\$26,344,432	\$12,341,181	\$2,862,005	\$746,261	\$1,115,098	\$41,560,348

ST Volumetric Rider Derivation	Rider Revenue (\$)	Charge Determinant (kW)	Rider (\$/kW)
General (All volumetric rider revenue excluding RSVA-Wholesale Market Service Charge)	5,809,868	30,723,761	0.1891
Excluding WMP (Rider revenue for RSVA Wholesale Market Service Charge)	-3,027,301	11,300,721	-0.2679

Allocators	Value	Source	UR	R1	R2	Seasonal	GS0	GS1	UGe	UGd	St Lgt	Sen Lgt	USL	Dgen	ST
Number of Customers	1,311,594	2017 Load Forecast	213,918	449,678	340,418	144,731	94,081	6,282	17,851	1,913	4,973	29,671	5,734	1,523	822
kWh	35,940,256,368	2017 Load Forecast	2,039,119,237	5,183,502,386	4,933,428,093	473,246,265	2,215,826,649	2,468,895,836	613,411,739	1,085,625,236	125,123,040	22,080,536	25,229,669	23,930,288	16,730,826,238
kWh excl WPP	2,820,626,299	2017 Load Forecast	16,159,119,231	4,933,428,093	4,733,246,265	473,246,265	2,215,826,649	2,468,895,836	613,411,739	1,085,625,236	125,123,040	22,080,536	25,229,669	23,930,288	5,011,207,271
kWh for Non-RMP, Non-LDC, and Class B customers	74,885,472,154	2017 Load Forecast	27,789,481	580,042,564	546,851,944	12,037,762	461,261,531	2,279,719,234	1,034,534,826	62,334,832	12,567,329	3,527,529	1,603,832	24,645,162	49,420,429,729
Billing kW	42,807,067	2017 Load Forecast	-	-	-	-	-	8,541,960	-	3,048,496	-	-	24,223	-	30,976,388
OM&A	100%	2017 Cost Allocation Model: E2 Allocators sheet	6.66%	21.79%	38.45%	7.30%	10.51%	7.05%	1.40%	1.44%	1.00%	0.527%	0.28%	0.36%	3.24%
NFA	100%	2017 Cost Allocation Model: E2 Allocators sheet	4.50%	18.03%	39.18%	6.53%	11.07%	11.64%	1.53%	2.39%	0.87%	0.40%	0.17%	0.08%	3.61%
Revenue From Rates	\$1,528,167,137	2017 Rate Design	\$89,547,053	\$324,550,590	\$564,312,917	\$99,668,802	\$168,918,918	\$147,874,662	\$22,265,082	\$30,912,199	\$13,264,710	\$4,185,600	\$4,611,178	\$5,873,655	\$53,331,772
Fixed Revenue Requirement	\$563,084,732	2017 Rate Design	\$53,086,140	\$157,346,592	\$309,191,031	\$51,465,023	\$73,565,183	\$7,429,648	\$5,650,608	\$2,308,146	\$273,000	\$1,080,721	\$2,711,412	\$4,362,188	\$9,565,037
Voluntary Revenue Requirement	\$842,132,405	2017 Rate Design	\$36,460,913	\$167,203,998	\$255,121,886	\$48,203,778	\$131,353,734	\$140,445,014	\$16,614,473	\$28,604,052	\$12,991,710	\$3,104,879	\$479,765	\$1,511,467	\$43,766,735

ST Volumetric Rider Derivation	Rider Revenue (\$)	Charge Determinant (kW)	Rider (\$/kW)
General (All volumetric rider revenue excluding RSVA-Wholesale Market Service Charge)	5,806,866	30,976,388	0.1875
Excluding WMP (Rider revenue for RSVA Wholesale Market Service Charge)	-3,023,976	11,408,859	-0.2651

## Determination of Deferral/Variance Account Rate Rider Amounts by Rate Class (2018)

Allocators	Value	Source	UR	R1	R2	Seasonal	GSe	GSD	UGe	UGd	St Lgt	Sen Lgt	USL	Dgen	ST
Number of Customers	1,325,235	2017 Load Forecast	216,443	456,145	343,578	145,457	94,493	6,375	17,919	1,921	6,026	29,554	5,776	1,719	829
kWh	35,942,900,418	2017 Load Forecast	2,049,900,221	5,228,175,767	4,912,424,145	472,806,230	2,199,124,798	2,471,784,997	610,815,360	1,081,837,005	125,657,151	22,174,791	25,522,507	24,887,701	16,717,789,744
kWh excl WMP	24,239,831,342	2017 Load Forecast	2,049,900,221	5,228,175,767	4,912,424,145	472,806,230	2,199,124,798	2,471,784,997	610,815,360	1,081,837,005	125,657,151	22,174,791	25,522,507	24,887,701	5,014,720,668
kWh for Non-RPP, Non-LDC, and Class B customers	7,883,951,316	2017 Load Forecast	279,364,696	585,041,589	544,523,289	12,026,574	457,784,719	2,282,387,044	141,097,321	1,030,924,873	62,500,628	3,542,586	1,622,447	25,631,176	2,457,504,374
Billing kWhs	42,727,326	2017 Load Forecast	-	-	-	-	-	8,499,358	-	3,019,175	-	-	-	248,297	30,960,496
OM&A	100%	2017 Cost Allocation Model: E2 Allocators sheet	6.76%	21.98%	38.18%	7.20%	10.45%	7.12%	1.41%	1.46%	1.00%	0.50%	0.28%	0.41%	3.25%
NFA	100%	2017 Cost Allocation Model: E2 Allocators sheet	4.46%	18.09%	39.07%	6.43%	10.98%	11.86%	1.53%	2.43%	0.87%	0.40%	0.17%	0.08%	3.63%
Revenue From Rates	\$1,566,317,415	2017 Rate Design	\$87,683,983	\$319,653,694	\$586,352,305	\$102,391,558	\$171,681,149	\$157,651,454	\$23,280,718	\$32,775,244	\$13,837,827	\$4,465,464	\$3,372,275	\$7,395,591	\$55,776,152
Fixed Revenue Requirement	\$655,123,095	2017 Rate Design	\$51,981,657	\$154,972,510	\$321,266,567	\$52,870,947	\$38,179,464	\$7,920,862	\$5,908,365	\$2,447,256	\$284,795	\$1,152,982	\$2,641,768	\$5,492,485	\$10,003,436
Volumetric Revenue Requirement	\$911,194,321	2017 Rate Design	\$35,702,326	\$164,681,184	\$265,085,738	\$49,520,611	\$133,501,685	\$149,730,591	\$17,372,353	\$30,327,988	\$13,553,031	\$3,312,482	\$730,507	\$1,903,107	\$45,772,716

Rider Development																	
		Amount to be collected/refunded				Allocator											
15																	
16	RSVA-Wholesale Market Service Charge	\$	(73,078,802)	kWh Exc WMP	(\$6,180,086)	(\$15,762,025)	(\$14,810,090)	(\$1,425,427)	(\$6,629,972)	(\$7,451,994)	(\$1,841,500)	(\$3,261,547)	(\$378,834)	(\$66,853)	(\$76,946)	(\$75,032)	
17	RSVA-Retail Transmission Network Charge	\$	39,720,537	kWh	\$2,265,347	\$5,777,663	\$5,428,725	\$522,499	\$2,430,255	\$2,731,572	\$675,013	\$1,195,539	\$138,864	\$24,505	\$28,205	\$27,503	
18	RSVA-Retail Transmission Connection Charge	\$	16,626,828	kWh	\$948,263	\$2,418,502	\$2,272,438	\$218,715	\$1,017,293	\$1,143,423	\$282,557	\$500,447	\$58,128	\$10,258	\$11,806	\$11,513	
19	RSVA-LV Variance	\$	3,970,868	kWh	\$226,467	\$577,594	\$542,710	\$52,234	\$242,953	\$273,076	\$67,481	\$119,518	\$13,882	\$2,450	\$2,820	\$2,750	
20	RSVA-Global Adjustment	\$	(22,750,129)	kWh for Non-RPP	(\$806,142)	(\$1,688,211)	(\$1,571,290)	(\$34,704)	(\$1,320,995)	(\$6,586,114)	(\$407,154)	(\$2,974,863)	(\$180,353)	(\$10,223)	(\$4,682)	(\$73,962)	
21	RSVA-Power (Line Losses)	\$	(555,490)	kWh	(\$31,681)	(\$80,800)	(\$75,921)	(\$7,307)	(\$33,987)	(\$38,201)	(\$9,440)	(\$16,720)	(\$1,942)	(\$343)	(\$394)	(\$385)	
22	Disposition & Recovery of Regulatory Balances (2011)	\$	(705,661)	kWh	(\$40,245)	(\$102,644)	(\$96,445)	(\$9,283)	(\$43,175)	(\$48,528)	(\$11,992)	(\$21,240)	(\$2,467)	(\$435)	(\$501)	(\$489)	
23	RDVA	\$	1,064,118	Number of customers	\$173,796	\$366,269	\$275,881	\$116,797	\$75,874	\$5,119	\$14,388	\$1,543	\$4,035	\$23,731	\$4,638	\$1,380	
24	O&B Costs	\$	9,317,037	OM&A	\$629,932	\$2,047,686	\$3,556,954	\$671,291	\$973,506	\$663,255	\$131,716	\$135,677	\$93,031	\$46,845	\$26,297	\$38,326	
25	O&B Exemption	\$	6,674,988	2015 Revenue Requirement Share	\$373,672	\$1,362,230	\$2,498,787	\$436,350	\$731,633	\$671,844	\$99,213	\$139,674	\$58,971	\$19,030	\$14,371	\$31,517	
26	Special Purpose Charge Variance	\$	173,860	kWh	\$9,916	\$25,289	\$23,762	\$2,287	\$10,637	\$11,956	\$5,235	\$2,953	\$608	\$107	\$123	\$120	
27	Tax Changes	\$	(17,763,206)	NFA	(\$792,158)	(\$3,213,082)	(\$6,398,619)	(\$1,141,358)	(\$1,951,170)	(\$2,107,213)	(\$271,853)	(\$431,246)	(\$155,362)	(\$70,644)	(\$29,827)	(\$14,930)	
28	Microfit Connection Charge Variance	\$	(1,581,655)	OM&A	(\$106,937)	(\$347,614)	(\$603,827)	(\$113,958)	(\$165,262)	(\$112,594)	(\$22,360)	(\$23,032)	(\$15,793)	(\$7,952)	(\$4,464)	(\$6,506)	
29	Deferred Pension	\$	60,129,031	2015 Revenue Requirement Share	\$3,366,082	\$12,271,119	\$22,509,356	\$3,930,688	\$6,590,632	\$6,052,049	\$893,719	\$1,258,202	\$531,217	\$171,424	\$129,458	\$283,908	
30	Generator Joint Use	\$	(322,211)	OM&A	(\$21,785)	(\$70,815)	(\$123,010)	(\$23,215)	(\$33,667)	(\$22,937)	(\$4,555)	(\$4,692)	(\$3,217)	(\$1,620)	(\$909)	(\$1,325)	
31	Capex Variance	\$	(1,752,777)	2015 Revenue Requirement Share	(\$98,122)	(\$357,706)	(\$656,154)	(\$114,581)	(\$192,119)	(\$176,419)	(\$26,052)	(\$36,677)	(\$15,485)	(\$4,997)	(\$3,774)	(\$8,276)	
32	Smart Meter	\$	4,686,792	Number of customers excluding unmetered	\$789,508	\$1,663,859	\$1,253,252	\$530,578	\$344,677	\$23,255	\$65,362	\$7,004	\$0	\$0	\$0	\$6,270	
33	Smart Grid	\$	(1,060,232)	2015 Revenue Requirement Share	(\$59,353)	(\$216,372)	(\$396,899)	(\$69,308)	(\$116,210)	(\$106,713)	(\$15,759)	(\$22,185)	(\$9,367)	(\$3,023)	(\$2,283)	(\$5,006)	
34	Green Energy	\$	(1,487,313)	2015 Revenue Requirement Share	(\$83,261)	(\$303,531)	(\$556,777)	(\$97,227)	(\$163,022)	(\$149,700)	(\$22,106)	(\$31,122)	(\$13,140)	(\$4,240)	(\$3,202)	(\$7,023)	
35																	
36		\$	21,306,580														
37	Total Regulatory Assets for Approval	\$	21,306,580														
38					UR	R1	R2	Seasonal	GSe	GSD	UGe	UGd	St Lgt	Sen Lgt	USL	Dgen	
39					\$ 563,213	\$ 4,367,411	\$ 12,531,836	\$ 3,445,072	\$ 1,767,882	\$ (5,224,864)	\$ (400,367)	\$ (3,460,482)	\$ 122,777	\$ 128,019	\$ 90,735	\$ 210,354	
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ST Volumetric Rider Derivation	Rider Revenue (\$)	Charge Determinant (kW)	Rider (\$/kW)
General (All volumetric rider revenue excluding RSVA-Wholesale Market Service Charge)	5,808,903	30,960,496	0.1876
Excluding WMP (Rider revenue for RSVA Wholesale Market Service Charge)	-3,023,699	11,416,376	-0.2649

## Determination of Deferral/Variance Account Rate Rider Amounts by Rate Class (2019)

Allocators	Value	Source	UR	R1	R2	Seasonal	GSe	GSd	UGe	UGd	St Lgt	Sen Lgt	USL	Dgen	ST
Number of Customers	1,336,816	2017 Load Forecast	218,831	261,880	346,199	145,966	34,764	5,071	17,962	1,927	5,071	22,361,260	25,783,933	1,308	835
3 kWh	35,800,878,551	2017 Load Forecast	2,052,905,845	5,254,821,459	4,872,190,236	469,453,136	2,172,016,594	2,463,741,578	605,321,588	1,073,018,433	126,713,808	22,361,260	25,693,770	25,783,933	16,836,858,910
4 kWh excl WMP	24,160,801,904	2017 Load Forecast	2,052,905,845	5,254,821,459	4,872,190,236	469,453,136	2,172,016,594	2,463,741,578	605,321,588	1,073,018,433	126,713,808	22,361,260	25,693,770	25,783,933	4,996,780,263
5 kWh for Non-RPP, Non-LDC, and Class B customers	7,849,646,997	2017 Load Forecast	279,774,309	588,023,287	540,063,515	11,941,282	452,141,692	2,274,959,943	139,828,269	1,022,521,310	63,026,199	3,572,376	1,633,334	26,554,182	2,445,607,299
Billing kWhs	42,545,951	2017 Load Forecast	-	-	-	-	-	8,443,180	-	2,984,482	-	-	-	256,373	30,861,915
OM&A	100%	2017 Cost Allocation Model: E2 Allocators sheet	6.85%	22.17%	37.97%	7.16%	10.38%	7.13%	1.42%	1.45%	1.00%	0.49%	0.28%	0.46%	3.24%
NFA	100%	2017 Cost Allocation Model: E2 Allocators sheet	4.42%	18.15%	38.93%	6.35%	10.89%	12.09%	1.53%	2.46%	0.88%	0.39%	0.17%	0.08%	3.65%
Revenue From Rates	\$1,610,049,732	2017 Rate Design	\$86,951,173	\$319,055,504	\$608,204,598	\$105,632,090	\$174,728,089	\$167,225,417	\$24,243,082	\$34,579,792	\$14,482,739	\$4,637,498	\$3,350,669	\$8,804,433	\$58,154,648
Fixed Revenue Requirement	\$671,096,212	2017 Rate Design	\$51,547,225	\$154,682,499	\$333,239,593	\$54,544,229	\$38,857,061	\$8,401,886	\$6,152,601	\$2,581,988	\$298,068	\$1,197,401	\$2,624,842	\$6,538,790	\$10,430,018
Volumetric Revenue Requirement	\$938,953,520	2017 Rate Design	\$35,403,947	\$164,373,005	\$274,965,005	\$51,087,861	\$135,871,029	\$158,823,531	\$18,090,481	\$31,997,794	\$14,184,670	\$3,440,097	\$725,827	\$2,265,644	\$47,724,630
Rider Development															
Amount to be collected/refunded		Allocator													
RSVA-Wholesale Market Service Charge	\$	(73,078,802) kWh Exc WMP	(\$6,209,392)	(\$15,894,177)	(\$14,736,838)	(\$1,419,948)	(\$6,569,665)	(\$7,452,041)	(\$1,830,907)	(\$3,245,542)	(\$383,269)	(\$67,836)	(\$77,716)	(\$77,988)	(\$15,113,684)
RSVA-Retail Transmission Network Charge	\$	38,720,537 kWh	\$2,777,668	\$5,830,145	\$5,405,822	\$520,851	\$2,409,820	\$2,733,484	\$671,595	\$1,190,498	\$140,587	\$24,809	\$28,507	\$28,607	\$18,458,343
RSVA-Retail Transmission Connection Charge	\$	16,626,828 kWh	\$953,421	\$2,440,471	\$2,262,768	\$218,026	\$1,008,739	\$1,144,224	\$281,127	\$498,337	\$58,849	\$10,385	\$11,933	\$11,975	\$7,726,574
RSVA-LV Variance	\$	3,970,868 kWh	\$227,699	\$582,840	\$540,401	\$52,070	\$240,910	\$273,267	\$67,139	\$119,014	\$14,055	\$2,480	\$2,850	\$2,860	\$1,845,283
RSVA-Global Adjustment	\$	(22,750,129) kWh for Non-RPP	(\$810,852)	(\$1,704,230)	(\$1,565,231)	(\$34,609)	(\$1,310,413)	(\$6,593,371)	(\$405,255)	(\$2,963,508)	(\$182,665)	(\$10,354)	(\$4,734)	(\$76,960)	(\$7,087,947)
RSVA-Power (Line Losses)	\$	(555,490) kWh	(\$31,853)	(\$81,534)	(\$75,597)	\$7,284	(\$33,701)	(\$38,228)	(\$9,392)	(\$16,649)	(\$1,966)	(\$347)	(\$399)	(\$400)	(\$258,139)
Disposition & Recovery of Regulatory Balances (2011)	\$	(705,561) kWh	(\$40,464)	(\$103,576)	(\$96,034)	(\$9,253)	(\$42,812)	(\$48,562)	(\$11,931)	(\$21,150)	(\$2,498)	(\$441)	(\$506)	(\$506)	(\$327,925)
RCVA	\$	1,064,118 Number of customers	\$174,033	\$367,661	\$275,577	\$116,190	\$75,433	\$5,141	\$14,298	\$1,534	\$4,036	\$23,396	\$4,636	\$1,519	\$664
OEB Costs	\$	9,317,037 OM&A	\$637,824	\$2,065,526	\$3,537,412	\$666,861	\$967,054	\$664,230	\$131,916	\$135,442	\$93,041	\$45,915	\$26,485	\$43,016	\$302,316
DSC Exemption	\$	6,674,988 2015 Revenue Requirement Share	\$360,485	\$1,322,749	\$2,521,511	\$437,932	\$724,392	\$693,288	\$100,508	\$143,362	\$60,043	\$19,226	\$13,891	\$36,502	\$241,099
Special Purpose Charge Variance	\$	173,860 kWh	\$9,970	\$25,519	\$23,861	\$2,280	\$10,548	\$11,965	\$2,940	\$5,211	\$615	\$109	\$125	\$125	\$80,794
MicroFit Connection Charge Variance	\$	(17,763,208) NFA	(\$785,611)	(\$3,223,933)	(\$6,915,224)	(\$1,128,712)	(\$1,934,729)	(\$2,146,684)	(\$270,950)	(\$437,111)	(\$157,163)	(\$69,979)	(\$29,971)	(\$14,995)	(\$648,149)
Deferred Pension	\$	(1,581,655) OM&A	(\$108,277)	(\$350,642)	(\$600,509)	(\$113,206)	(\$164,166)	(\$112,759)	(\$22,394)	(\$15,795)	(\$7,795)	(\$4,496)	(\$7,302)	(\$7,302)	(\$51,211)
Generator Joint Use	\$	60,129,031 2015 Revenue Requirement Share	\$3,247,285	\$11,915,469	\$22,714,052	\$3,944,943	\$6,525,408	\$6,245,212	\$905,384	\$1,291,419	\$540,873	\$173,192	\$125,134	\$328,811	\$2,171,488
Capex Variance	\$	(322,211) OM&A	(\$22,058)	(\$71,432)	(\$122,334)	(\$23,062)	(\$33,444)	(\$22,971)	(\$4,562)	(\$4,684)	(\$3,218)	(\$1,588)	(\$916)	(\$1,488)	(\$10,455)
Smart Meter	\$	(1,752,777) 2015 Revenue Requirement Share	(\$94,659)	(\$347,339)	(\$662,121)	(\$114,996)	(\$190,217)	(\$182,050)	(\$26,392)	(\$37,645)	(\$15,767)	(\$5,049)	(\$3,648)	(\$9,585)	(\$63,310)
Smart Grid	\$	4,686,792 Number of customers excluding unmetered	\$790,325	\$1,669,638	\$1,251,464	\$527,648	\$342,560	\$23,346	\$64,929	\$5,967	\$0	\$0	\$0	\$0	\$6,896
Green Energy	\$	(1,060,232) 2015 Revenue Requirement Share	(\$57,258)	(\$210,101)	(\$400,508)	(\$69,560)	(\$115,060)	(\$110,119)	(\$15,964)	(\$22,771)	(\$9,537)	(\$3,054)	(\$2,206)	(\$5,798)	(\$38,295)
	\$	(1,487,313) 2015 Revenue Requirement Share	(\$80,323)	(\$294,733)	(\$561,840)	(\$97,580)	(\$161,408)	(\$154,478)	(\$22,395)	(\$31,944)	(\$13,379)	(\$4,284)	(\$3,095)	(\$8,133)	(\$53,721)
Total Regulatory Assets for Approval	\$	21,306,580													
	\$	21,306,580	\$ 437,961	\$ 3,938,321	\$ 12,796,230	\$ 3,468,593	\$ 1,749,251	\$ (5,067,106)	\$ (380,307)	\$ (3,412,213)	\$ 126,845	\$ 128,988	\$ 85,874	\$ 257,152	\$ 7,176,992
Recovery per year		\$ 4,261,316	\$ 87,592	\$ 787,664	\$ 2,559,246	\$ 693,719	\$ 349,850	\$ (1,013,421)	\$ (76,061)	\$ (682,443)	\$ 25,369	\$ 25,798	\$ 17,175	\$ 51,430	\$ 1,435,398
Fixed and Volumetric Rider Revenue Del/Var Accounts (Rows 24, 25, 27, 28, 29, 30, 31, 33, 34)	\$	10,430,732	\$ 619,482	\$ 2,161,113	\$ 3,902,088	\$ 700,524	\$ 1,123,566	\$ 974,734	\$ 155,030	\$ 202,615	\$ 95,820	\$ 29,317	\$ 24,236	\$ 72,205	\$ 370,002
Fixed Portion (Row42*(Row10 / (Row10+11)))	\$	4,416,513	\$ 367,247	\$ 1,047,737	\$ 2,137,981	\$ 361,723	\$ 249,865	\$ 48,973	\$ 39,345	\$ 15,129	\$ 1,972	\$ 7,570	\$ 18,986	\$ 53,625	\$ 66,360
Volumetric Portion (Row42*(Row11 / (Row10+11)))	\$	6,014,219	\$ 252,235	\$ 1,113,376	\$ 1,764,106	\$ 338,801	\$ 873,701	\$ 925,760	\$ 115,685	\$ 187,486	\$ 93,848	\$ 21,747	\$ 5,250	\$ 18,581	\$ 303,642
Fixed Rider Revenue Del/Var Accounts (Rows 23 & 32)	\$	1,150,182	\$ 192,871	\$ 407,460	\$ 305,408	\$ 128,768	\$ 83,599	\$ 5,697	\$ 15,845	\$ 1,700	\$ 807	\$ 4,679	\$ 927	\$ 1,683	\$ 736
Volumetric Rider Revenue Del/Var Accounts (Rows 16, 17, 18, 19, 21, 22, 26)	\$	(2,769,572)	\$ (562,590)	\$ (1,440,062)	\$ (1,335,204)	\$ (128,652)	\$ (595,232)	\$ (675,178)	\$ (165,886)	\$ (294,056)	\$ (34,725)	\$ (6,128)	\$ (7,041)	\$ (7,066)	\$ 2,482,249
Volumetric GA Rider Revenue Account (Row 20)	\$	(4,550,026)	\$ (162,170)	\$ (340,846)	\$ (313,046)	\$ (6,922)	\$ (262,083)	\$ (1,318,674)	\$ (81,051)	\$ (592,702)	\$ (36,533)	\$ (2,071)	\$ (947)	\$ (15,392)	\$ (1,417,589)
TOTAL FIXED RIDER REVENUE (ROWS 43+46)	\$	5,566,695	\$ 560,118	\$ 1,455,197	\$ 2,443,390	\$ 490,491	\$ 333,464	\$ 54,671	\$ 55,190	\$ 16,829	\$ 2,779	\$ 12,249	\$ 19,913	\$ 55,308	\$ 67,096
TOTAL VOLUMETRIC RIDER REVENUE (ROWS 44+47)	\$	3,244,647	\$ (310,356)	\$ (326,687)	\$ 428,903	\$ 210,150	\$ 278,469	\$ 250,582	\$ (50,201)	\$ (106,570)	\$ 59,123	\$ 15,619	\$ (1,791)	\$ 11,515	\$ 2,785,892
GA RIDER REVENUE (ROW 48)	\$	(4,550,026)	\$ (162,170)	\$ (340,846)	\$ (313,046)	\$ (6,922)	\$ (262,083)	\$ (1,318,674)	\$ (81,051)	\$ (592,702)	\$ (36,533)	\$ (2,071)	\$ (947)	\$ (15,392)	\$ (1,417,589)
Monthly Fixed Rider			UR 0.21	R1 0.26	R2 0.59	Seasonal 0.28	GSe 0.71	GSd 0.71	UGe 0.26	UGd 0.73	St Lgt 0.05	Sen Lgt 0.03	USL 0.28	Dgen 2.42	ST 6.70
Volumetric Rider-General (kWh)			(0.0002)	(0.0001)	0.0001	0.0004	0.0001				0.0005	0.0007	(0.0001)		
Volumetric Rider-General (kW)								0.0297	(0.0357)	(0.0357)				0.0449	*see ST rider derivation below (0.0006)
Volumetric Rider-GA			(0.0006)	(0.0006)	(0.0006)	(0.0006)	(0.0006)	(0.0006)	(0.0006)	(0.0006)	(0.0006)	(0.0006)	(0.0006)	(0.0006)	

ST Volumetric Rider Derivation	Rider Revenue (\$)	Charge Determinant (kW)	Rider (\$/kW)
General (All volumetric rider revenue excluding RSVA-Wholesale Market Service Charge)	5,808,628	30,861,915	0.1882
Excluding WMP (Rider revenue for RSVA Wholesale Market Service Charge)	-3,022,737	11,373,585	-0.2658

Name of LDC: Hydro One Netowrks Inc.  
File Number: EB-2013-0416  
Effective Date: January 1, 2015

## Calculation of Revenue Smoothing Rate Rider - Fixed and Variable (2015)

Rate Class	Service Charge Revenue A	Distribution Volumetric Rate Revenue kWh B	Distribution Volumetric Rate Revenue kW C	Service Charge Rider Revenue D = \$N * (A/\$O)	Distribution Volumetric Charge Rider Revenue kWh E = \$N * (B/\$O)	Distribution Volumetric Charge Rider Revenue kW F = \$N * (C/\$O)	Total Revenue by Rate Class G = D + E + F	Billed Customers or Connections H	Billed kWh I	Billed kW J	Service Charge Rate Rider K = D / H / 12	Distribution Volumetric Rate kWh Rate Rider L = E / I	Distribution Volumetric Rate kW Rate Rider M = F / J
Residential – Urban [UR]	51,427,454	35,321,685		\$ (1,965,518)	\$ (1,349,968)	\$ -	\$ (3,315,486)	209,540	2,001,279,224	0	-\$0.78	-\$0.0007	
Residential – Medium Density [R1]	148,095,408	157,373,247		\$ (5,660,094)	\$ (6,014,686)	\$ -	\$ (11,674,779)	438,279	5,052,450,592	0	-\$1.08	-\$0.0012	
Residential – Low Density [R2]	273,243,014	225,460,205		\$ (10,443,140)	\$ (8,616,917)	\$ -	\$ (19,060,057)	335,043	4,933,406,049	0	-\$2.60	-\$0.0017	
Seasonal Residential	45,813,014	42,909,927		\$ (1,750,939)	\$ (1,639,985)	\$ -	\$ (3,390,923)	143,666	474,073,680	0	-\$1.02	-\$0.0035	
General Service Energy Billed (less than to 50 kW) [GSe - metered]	33,750,230	118,014,032		\$ (1,289,908)	\$ (4,510,406)	\$ -	\$ (5,800,314)	93,508	2,194,809,668	0	-\$1.15	-\$0.0021	
General Service Demand Billed (50 kW and above) [GSd]	6,158,534		116,416,742	\$ (235,374)	\$ -	\$ (4,449,359)	\$ (4,684,734)	6,113	2,404,019,346	8,484,670	-\$3.21		-\$0.5244
Urban General Service Energy Billed (less than 50 kW) [UGe]	4,936,367	14,514,391		\$ (188,664)	\$ (554,729)	\$ -	\$ (743,393)	17,768	604,059,537	0	-\$0.88	-\$0.0009	
Urban General Service Demand Billed (50 kW and above) [UGd]	1,939,420		24,034,558	\$ (74,123)	\$ -	\$ (918,582)	\$ (992,706)	1,901	1,067,646,621	3,058,267	-\$3.25		-\$0.3004
Street Lighting	235,424	11,203,504		\$ (8,998)	\$ (428,189)	\$ -	\$ (437,187)	4,883	123,507,003	0	-\$0.15	-\$0.0035	
Sentinel Lighting	872,015	2,505,272		\$ (33,328)	\$ (95,750)	\$ -	\$ (129,077)	30,009	21,795,353	0	-\$0.09	-\$0.0044	
Unmetered Scattered Load [USL]	2,667,995	737,760		\$ (101,969)	\$ (28,197)	\$ -	\$ (130,165)	5,642	24,056,636	0	-\$1.51	-\$0.0012	
Distributed Generation [DGen]	2,036,375		705,589	\$ (77,829)	\$ -	\$ (26,967)	\$ (104,796)	1,010	21,102,942	218,099	-\$6.42		-\$0.1248
Sub-Transmission [ST]	8,380,897		38,348,465	\$ (320,311)	\$ -	\$ (1,465,649)	\$ (1,785,961)	810	16,560,342,139	30,696,855	-\$32.96		-\$0.0477
		<b>Total Revenue from Rates</b>	<b>1,367,101,526</b>	<b>\$ (22,150,194)</b>	<b>\$ (23,238,826)</b>	<b>\$ (6,860,558)</b>	<b>\$ (52,249,579)</b>						
			<b>\$0</b>				<b>\$N</b>						

Name of LDC: Hydro One Netowrks Inc.  
File Number: EB-2013-0416  
Effective Date: January 1, 2016

Calculation of Revenue Smoothing Rate Rider - Fixed and Variable (2016)

Rate Class	Service Charge Revenue A	Distribution Volumetric Rate Revenue kWh B	Distribution Volumetric Rate Revenue kW C	Service Charge Rider Revenue D = \$N * (A/\$O)	Distribution Volumetric Charge Rider Revenue kWh E = \$N * (B/\$O)	Distribution Volumetric Charge Rider Revenue kW F = \$N * (C/\$O)	Total Revenue by Rate Class G = D + E + F	Billed Customers or Connections H	Billed kWh I	Billed kW J	Service Charge Rate Rider K = D / H / 12	Distribution Volumetric Rate kWh Rider L = E / I	Distribution Volumetric Rate kW Rate Rider M = F / J
Residential – Urban [UR]	53,385,366	36,666,429		\$ (2,487,431)	\$ (1,708,431)	\$ -	\$ (4,195,862)	211,691	2,016,183,097	0	-\$0.98	-\$0.0008	
Residential – Medium Density [R1]	156,829,551	166,654,565		\$ (7,307,296)	\$ (7,765,081)	\$ -	\$ (15,072,377)	443,872	5,108,854,783	0	-\$1.37	-\$0.0015	
Residential – Low Density [R2]	296,802,263	244,899,579		\$ (13,829,166)	\$ (11,410,819)	\$ -	\$ (25,239,985)	337,693	4,923,248,614	0	-\$3.41	-\$0.0023	
Seasonal Residential	49,218,341	46,099,464		\$ (2,293,273)	\$ (2,147,952)	\$ -	\$ (4,441,225)	144,188	471,244,703	0	-\$1.33	-\$0.0046	
General Service Energy Billed (less than to 50 kW) [GSe - metered]	36,372,665	127,183,870		\$ (1,694,743)	\$ (5,925,989)	\$ -	\$ (7,620,732)	93,788	2,206,447,679	0	-\$1.51	-\$0.0027	
General Service Demand Billed (50 kW and above) [GSd]	6,805,470		128,645,975	\$ (317,093)	\$ -	\$ (5,994,114)	\$ (6,311,207)	6,196	2,438,092,291	8,493,971	-\$4.26		-\$0.7057
Urban General Service Energy Billed (less than 50 kW) [UGe]	5,291,997	15,560,050		\$ (246,575)	\$ (725,003)	\$ -	\$ (971,578)	17,808	609,041,231	0	-\$1.15	-\$0.0012	
Urban General Service Demand Billed (50 kW and above) [UGd]	2,125,811		26,344,432	\$ (99,050)	\$ -	\$ (1,227,489)	\$ (1,326,539)	1,907	1,077,211,367	3,045,878	-\$4.33		-\$0.4030
Street Lighting	259,330	12,341,181		\$ (12,083)	\$ (575,023)	\$ -	\$ (587,107)	4,927	124,955,158	0	-\$0.20	-\$0.0046	
Sentinel Lighting	996,184	2,862,005		\$ (46,416)	\$ (133,352)	\$ -	\$ (179,768)	29,840	22,050,910	0	-\$0.13	-\$0.0060	
Unmetered Scattered Load [USL]	2,698,739	746,261		\$ (125,745)	\$ (34,771)	\$ -	\$ (160,516)	5,691	24,648,223	0	-\$1.84	-\$0.0014	
Distributed Generation [DGen]	3,218,242		1,115,098	\$ (149,950)	\$ -	\$ (51,957)	\$ (201,907)	1,289	22,988,381	232,370	-\$9.70		-\$0.2236
Sub-Transmission [ST]	9,082,840		41,560,348	\$ (423,205)	\$ -	\$ (1,936,457)	\$ (2,359,662)	816	16,629,105,596	30,723,761	-\$43.24		-\$0.0630
Total Revenue from Rates		1,473,766,057		\$ (29,032,026)	\$ (30,426,422)	\$ (9,210,017)	\$ (68,668,464)						
			\$O				\$N						

Name of LDC: Hydro One Netowrks Inc.  
File Number: EB-2013-0416  
Effective Date: January 1, 2017

Calculation of Revenue Smoothing Rate Rider - Fixed and Variable (2017)

Rate Class	Service Charge Revenue A	Distribution Volumetric Rate Revenue kWh B	Distribution Volumetric Rate Revenue kW C	Service Charge Rider Revenue D = \$N * (A/\$O)	Distribution Volumetric Charge Rider Revenue kWh E = \$N * (B/\$O)	Distribution Volumetric Charge Rider Revenue kW F = \$N * (C/\$O)	Total Revenue by Rate Class G = D + E + F	Billed Customers or Connections H	Billed kWh I	Billed kW J	Service Charge Rate Rider K = D / H / 12	Distribution Volumetric Rate kWh Rider L = E / I	Distribution Volumetric Rate kW Rate Rider M = F / J
Residential – Urban [UR]	53,086,140	36,460,913		\$ (776,612)	\$ (533,397)	\$ -	\$ (1,310,008)	213,918	2,039,119,237	0	-\$0.30	-\$0.0003	
Residential – Medium Density [R1]	157,346,592	167,203,998		\$ (2,301,866)	\$ (2,446,073)	\$ -	\$ (4,747,940)	449,678	5,183,502,386	0	-\$0.43	-\$0.0005	
Residential – Low Density [R2]	309,191,031	255,121,886		\$ (4,523,240)	\$ (3,732,248)	\$ -	\$ (8,255,489)	340,418	4,933,428,083	0	-\$1.11	-\$0.0008	
Seasonal Residential	51,465,023	48,203,778		\$ (752,896)	\$ (705,186)	\$ -	\$ (1,458,082)	144,731	473,246,268	0	-\$0.43	-\$0.0015	
General Service Energy Billed (less than to 50 kW) [GSe - metered]	37,565,183	131,353,734		\$ (549,551)	\$ (1,921,610)	\$ -	\$ (2,471,161)	94,081	2,215,826,849	0	-\$0.49	-\$0.0009	
General Service Demand Billed (50 kW and above) [GSd]	7,429,648		140,445,014	\$ (108,690)	\$ -	\$ (2,054,609)	\$ (2,163,299)	6,282	2,468,895,806	8,541,960	-\$1.44		-\$0.2405
Urban General Service Energy Billed (less than 50 kW) [UGe]	5,650,608	16,614,473		\$ (82,664)	\$ (243,058)	\$ -	\$ (325,722)	17,851	613,411,739	0	-\$0.39	-\$0.0004	
Urban General Service Demand Billed (50 kW and above) [UGd]	2,308,146		28,604,052	\$ (33,767)	\$ -	\$ (418,457)	\$ (452,223)	1,913	1,085,625,236	3,048,496	-\$1.47		-\$0.1373
Street Lighting	273,900	12,991,710		\$ (3,994)	\$ (190,059)	\$ -	\$ (194,053)	4,973	125,123,040	0	-\$0.07	-\$0.0015	
Sentinel Lighting	1,080,721	3,104,879		\$ (15,810)	\$ (45,422)	\$ -	\$ (61,232)	29,671	22,080,536	0	-\$0.04	-\$0.0021	
Unmetered Scattered Load [USL]	2,711,412	749,765		\$ (39,666)	\$ (10,969)	\$ -	\$ (50,635)	5,734	25,229,669	0	-\$0.58	-\$0.0004	
Distributed Generation [DGen]	4,382,188		1,511,467	\$ (63,816)	\$ -	\$ (22,112)	\$ (85,927)	1,523	23,930,288	240,223	-\$3.49		-\$0.0920
Sub-Transmission [ST]	9,565,037		43,766,735	\$ (139,930)	\$ -	\$ (640,276)	\$ (780,205)	822	16,730,826,230	30,976,388	-\$14.19		-\$0.0207
Total Revenue from Rates		1,528,167,137		\$ (9,392,502)	\$ (9,828,022)	\$ (3,135,452)	\$ (22,355,976)						
			\$0				\$N						

Name of LDC: Hydro One Networks Inc.  
File Number: EB-2013-0416  
Effective Date: January 1, 2018

## Calculation of Revenue Smoothing Rate Rider - Fixed and Variable (2018)

Rate Class	Service Charge Revenue A	Distribution Volumetric Rate Revenue kWh B	Distribution Volumetric Rate Revenue kW C	Service Charge Rider Revenue D = \$N * (A/\$O)	Distribution Volumetric Charge Rider Revenue kWh E = \$N * (B/\$O)	Distribution Volumetric Charge Rider Revenue kW F = \$N * (C/\$O)	Total Revenue by Rate Class G = D + E + F	Billed Customers or Connections H	Billed kWh I	Billed kW J	Service Charge Rate Rider K = D / H / 12	Distribution Volumetric Rate kWh Rate Rider L = E / I	Distribution Volumetric Rate kW Rate Rider M = F / J
Residential – Urban [UR]	51,981,657	35,702,326		\$ 1,364,345	\$ 937,067	\$ -	\$ 2,301,412	216,443	2,049,900,221	0	\$0.53	\$0.0005	
Residential – Medium Density [R1]	154,972,510	164,681,184		\$ 4,067,512	\$ 4,322,332	\$ -	\$ 8,389,844	456,145	5,228,175,767	0	\$0.74	\$0.0008	
Residential – Low Density [R2]	321,266,567	265,085,738		\$ 8,432,177	\$ 6,957,617	\$ -	\$ 15,389,794	343,578	4,912,424,145	0	\$2.05	\$0.0014	
Seasonal Residential	52,870,947	49,520,611		\$ 1,387,686	\$ 1,299,751	\$ -	\$ 2,687,437	145,457	472,806,230	0	\$0.80	\$0.0027	
General Service Energy Billed (less than 50 kW) [GSe - metered]	38,179,464	133,501,685		\$ 1,002,084	\$ 3,503,974	\$ -	\$ 4,506,058	94,493	2,199,124,798	0	\$0.88	\$0.0016	
General Service Demand Billed (50 kW and above) [GSd]	7,920,862		149,730,591	\$ 207,896	\$ -	\$ 3,929,929	\$ 4,137,825	6,375	2,471,784,997	8,499,358	\$2.72		\$0.4624
Urban General Service Energy Billed (less than 50 kW) [UGe]	5,908,365	17,372,353		\$ 155,075	\$ 455,966	\$ -	\$ 611,041	17,919	610,815,360	0	\$0.72	\$0.0007	
Urban General Service Demand Billed (50 kW and above) [UGd]	2,447,256		30,327,988	\$ 64,232	\$ -	\$ 796,009	\$ 860,241	1,921	1,081,837,005	3,019,175	\$2.79		\$0.2637
Street Lighting	284,795	13,553,031		\$ 7,475	\$ 355,722	\$ -	\$ 363,197	5,026	125,657,151	0	\$0.12	\$0.0028	
Sentinel Lighting	1,152,982	3,312,482		\$ 30,262	\$ 86,942	\$ -	\$ 117,204	29,554	22,174,791	0	\$0.09	\$0.0039	
Unmetered Scattered Load [USL]	2,641,768	730,507		\$ 69,338	\$ 19,173	\$ -	\$ 88,511	5,776	25,522,507	0	\$1.00	\$0.0008	
Distributed Generation [DGen]	5,492,485		1,903,107	\$ 144,159	\$ -	\$ 49,950	\$ 194,110	1,719	24,887,701	248,297	\$6.99		\$0.2012
Sub-Transmission [ST]	10,003,436		45,772,716	\$ 262,557	\$ -	\$ 1,201,381	\$ 1,463,938	829	16,717,789,744	30,960,496	\$26.40		\$0.0388
<b>Total Revenue from Rates</b>		<b>1,566,317,415</b>		<b>\$ 17,194,798</b>	<b>\$ 17,938,545</b>	<b>\$ 5,977,269</b>	<b>\$ 41,110,611</b>						
		<b>\$0</b>					<b>\$N</b>						



Name of LDC: Hydro One Networks Inc.  
File Number: EB-2013-0416  
Effective Date: January 1, 2019

Calculation of Revenue Smoothing Rate Rider - Fixed and Variable (2019)

Rate Class	Service Charge Revenue A	Distribution Volumetric Rate Revenue kWh B	Distribution Volumetric Rate Revenue kW C	Service Charge Rider Revenue D = \$N * (A/\$O)	Distribution Volumetric Charge Rider Revenue kWh E = \$N * (B/\$O)	Distribution Volumetric Charge Rider Revenue kW F = \$N * (C/\$O)	Total Revenue by Rate Class G = D + E + F	Billed Customers or Connections H	Billed kWh I	Billed kW J	Service Charge Rate Rider K = D / H / 12	Distribution Volumetric Rate kWh Rider L = E / I	Distribution Volumetric Rate kW Rate Rider M = F / J
Residential – Urban [UR]	51,547,225	35,403,947		\$ 3,270,216	\$ 2,246,068	\$ -	\$ 5,516,284	218,631	2,052,905,845	0	\$1.25	\$0.0011	
Residential – Medium Density [R1]	154,682,499	164,373,005		\$ 9,813,238	\$ 10,428,015	\$ -	\$ 20,241,253	461,880	5,254,821,459	0	\$1.77	\$0.0020	
Residential – Low Density [R2]	333,239,593	274,965,005		\$ 21,141,108	\$ 17,444,101	\$ -	\$ 38,585,209	346,199	4,872,190,236	0	\$5.09	\$0.0036	
Seasonal Residential	54,544,229	51,087,861		\$ 3,460,349	\$ 3,241,073	\$ -	\$ 6,701,423	145,966	469,453,136	0	\$1.98	\$0.0069	
General Service Energy Billed (less than to 50 kW) [GSe - metered]	38,857,061	135,871,029		\$ 2,465,137	\$ 8,619,816	\$ -	\$ 11,084,954	94,764	2,172,016,594	0	\$2.17	\$0.0040	
General Service Demand Billed (50 kW and above) [GSd]	8,401,886		158,823,531	\$ 533,025	\$ -	\$ 10,075,950	\$ 10,608,975	6,458	2,463,741,578	8,443,180	\$6.88		\$1.1934
Urban General Service Energy Billed (less than 50 kW) [UGe]	6,152,601	18,090,481		\$ 390,328	\$ 1,147,681	\$ -	\$ 1,538,009	17,962	605,321,588	0	\$1.81	\$0.0019	
Urban General Service Demand Billed (50 kW and above) [UGd]	2,581,998		31,997,794	\$ 163,805	\$ -	\$ 2,029,977	\$ 2,193,782	1,927	1,073,018,433	2,984,482	\$7.08		\$0.6802
Street Lighting	296,068	14,184,670		\$ 18,910	\$ 899,892	\$ -	\$ 918,802	5,071	126,713,808	0	\$0.31	\$0.0071	
Sentinel Lighting	1,197,401	3,440,097		\$ 75,965	\$ 218,244	\$ -	\$ 294,208	29,391	22,361,260	0	\$0.22	\$0.0098	
Unmetered Scattered Load [USL]	2,624,842	725,827		\$ 166,523	\$ 46,047	\$ -	\$ 212,570	5,824	25,693,770	0	\$2.38	\$0.0018	
Distributed Generation [DGen]	6,538,790		2,265,644	\$ 414,828	\$ -	\$ 143,735	\$ 558,564	1,908	25,783,933	256,373	\$18.12		\$0.5606
Sub-Transmission [ST]	10,430,018		47,724,630	\$ 661,693	\$ -	\$ 3,027,706	\$ 3,689,399	835	16,636,856,910	30,861,915	\$66.06		\$0.0981
		Total Revenue from Rates	1,610,049,732	\$ 42,575,126	\$ 44,290,937	\$ 15,277,369	\$ 102,143,432						
			\$0				\$N						

## **RETAIL TRANSMISSION SERVICE RATES**

### **1.0 INTRODUCTION**

Hydro One proposes to update the Retail Transmission Service Rates (“RTSR”) approved in proceeding EB-2013-0141 to reflect the proposed new Uniform Transmission Rates (“UTR”) effective January 1, 2014 approved by the Board as part of proceeding EB-2012-0031. It is expected that the Board will approve new UTRs on an annual basis. In the event a new UTR is approved at the time a Draft Rate Order for new Distribution rates in a specific year is prepared over the Custom COS period, Hydro One will update the proposed RTSR to reflect the new UTR as a part of the Draft Rate Order process. Changes to the UTR will also affect some Sub-Transmission (“ST”) rates, as discussed in Exhibit G1, Tab 4, Schedule 1. As such, the impacted ST rates will also be updated as a part of the Draft Rate Order process.

Aggregation at a TS or HVDS for purposes of billing RTSR charges was approved by the Board in proceedings EB-2004-0451, EB-2007-0681 and EB-2009-0096. For customers that are being aggregated for purposes of RTSR, the aggregated demand is arrived at by applying losses to the measured quantities of individual delivery points.

### **1.1 Hydro One Distribution Situation**

Hydro One is billed by the IESO at each of its transmission delivery points for the transmission of power to its Retail customers and Embedded LDCs. Total transmission charges are the sum of all applicable Network, Line Connection and Transformation Connection charges at these delivery points. Delivery point charges are based on the contribution of customer’s load downstream of the delivery point. A large amount of power purchased by Hydro One is supplied to its ST customer class, which includes

1 embedded LDCs. For these customers, metering data is available to accurately identify  
2 the ST share of the transmission charges incurred by Hydro One. Given the need to first  
3 split transmission charges between ST and non-ST customers, Hydro One does not use  
4 the Board's RTSR workform approach for establishing its RTSR rates. Rather, Hydro  
5 One uses the methodology that has been reviewed and approved by the Board for Hydro  
6 One's distribution rate filings since 2008, and is consistent with the methodology  
7 outlined in Chapter 11 of the 2000 Distribution Rate Handbook. This methodology is  
8 described in Section 2 of this Exhibit.

## 9 10 **1.2 Approved Transmission Rates**

11  
12 The UTR approved in proceeding EB-2012-0031, effective January 1, 2014 comprise the  
13 following charges:

- 14
- 15 • A Transmission Network charge of \$3.82/kW to be applied to the demand at each  
16 transmission delivery point based on billed demand which is defined to be the larger  
17 of: a) 85% of non-coincident peak from 7 a.m. to 7 p.m. IESO business days or b) the  
18 peak coincident with the transmission system peak.
  - 19
  - 20 • Line and transformation connection charges of \$0.82/kW and \$1.98/kW, respectively,  
21 which are applied to the non-coincident peak at each transmission delivery point.
  - 22

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

**2.0 ESTIMATING RETAIL TRANSMISSION SERVICE CHARGES FROM IESO**

To estimate the transmission charges from the IESO, Hydro One used the forecast 2015 load at each of its transmission connections and applied the currently approved Transmission rates as of January 1, 2014. This resulted in a estimated charge of \$242.4 million for Network charges, \$117.4 million for Transformation Connection charges and \$44.1 million for Line Connection charges for a total of \$403.8 million, as shown in Table 1.

The estimated 2015 transmission charges from the IESO need to be recovered from all Hydro One's distribution customers. For the ST customer class, sufficient connectivity data exists to allow Hydro One to allocate the appropriate share of transmission charges based on the total ST customer's load coincident with the IESO's monthly billing peak for their transmission delivery point. This results in 47% of the \$403.8 million being allocated to the ST class with the residual 53% being recovered from the other rate classes. Among the other rate classes, hourly load shape data is used to allocate the costs to each individual class, consistent with the methodology of Chapter 11 of the 2000 Electricity Distribution Rate Handbook.

Table 1 shows the estimated 2015 IESO charges allocated to the customer classes. Since the data in Table 1 will be impacted by changes to the UTR, Hydro One proposes to provide an update to the table below as part of the Draft Rate Order process for subsequent years of the Custom COS period.

**Table 1**

**Forecast 2015 IESO Transmission Charges by Rate Class**

	<b>Tx Network</b>	<b>Tx Line</b>	<b>Tx Transformation</b>	<b>Total IESO Bill</b>	<b>Share</b>
IESO Bill	\$242,410,267	\$44,066,378	\$117,362,702	\$403,839,347	
ST	\$114,553,663	\$18,633,842	\$55,996,318	\$189,183,823	47%
Retail	\$127,856,604	\$25,432,536	\$61,366,384	\$214,655,524	53%
UR	\$14,931,720	\$2,997,095	\$7,231,717	\$25,160,533	
R1	\$35,833,193	\$7,359,241	\$17,757,177	\$60,949,611	
R2	\$35,410,589	\$7,226,700	\$17,437,367	\$60,074,656	
Seasonal	\$2,779,321	\$664,974	\$1,604,522	\$5,048,816	
UGe	\$3,991,309	\$709,395	\$1,711,706	\$6,412,410	
UGd	\$6,212,497	\$1,139,060	\$2,748,447	\$10,100,003	
GSe	\$13,906,815	\$2,526,900	\$6,097,178	\$22,530,893	
GSd	\$13,933,555	\$2,614,135	\$6,307,668	\$22,855,358	
DGen	\$118,643	\$21,797	\$52,593	\$193,033	
USL	\$121,617	\$23,192	\$55,959	\$200,768	
Lighting	\$617,346	\$150,047	\$362,050	\$1,129,443	

**3.0 PROPOSED 2015 RTSR**

The transmission charges allocated to each rate class shown in Table 1 are divided by the corresponding billing parameters for each class, resulting in the proposed 2015 RTSR rates shown in Table 2. Table 2 also shows the currently approved RTSR filed in Proceeding EB-2013-0141.

The proposed RTSR for 2015 will be updated in the event new UTR are approved to be effect in 2015, at the time the 2015 Draft Rate Order for this proceeding is submitted. An

update to Table 2 will be provided as part of the Draft Rate Order process for subsequent years of the Custom COS period.

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

**Table 2**

**Proposed 2015 RTSR**

RATE CLASS	Approved 2014 Rates		Proposed 2015 Rates	
	Network	Line Connection	Network	Line Connection
Urban (\$/kWh)	0.00707	0.00489	0.0071	0.0048
R1 (\$/kWh)	0.00719	0.00499	0.0066	0.0046
R2 (\$/kWh)	0.00702	0.00470	0.0065	0.0045
Seasonal (\$/kWh)	0.00663	0.00460	0.0053	0.0043
Urban General Service energy (\$/kWh)	0.00544	0.00358	0.0062	0.0038
Urban General Service demand (\$/kW)	1.78	1.17	1.9346	1.2106
General Service energy (\$/kWh)	0.00527	0.00350	0.0058	0.0036
General Service demand (\$/kW)	1.71	1.11	1.5478	0.9911
Distributed Generator (\$/kW)	0.36	0.23	0.5175	0.3245
Unmetered Scattered Load (\$/kWh)	0.00527	0.00350	0.0046	0.0030
Street and Sentinel Lights (\$/kWh)	0.00442	0.00297	0.0039	0.0032
ST (\$/kW)	3.23	0.65 Line	3.4482	0.7512 Line
		1.62 Transf.		1.7838 Transf.

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

## **BILL IMPACT SUMMARY**

### **1.0 DISTRIBUTION AND TOTAL BILL IMPACTS**

Table 1 provides a summary of the distribution and total bill impacts by rate class for a range of high, typical and low customer consumption levels including all riders.

A detailed calculation of the impacts by bill component for each rate class, per the Board's Appendix 2-W filing requirements, is provided in Exhibit G2, Tab 4, Schedule 1.

As per the Appendix 2-W requirements and section 2.11.11 of the Board's filing requirements, the bill impacts have been calculated holding constant the commodity and regulatory charges (i.e. wholesale market service rate, rural rate protection charge, debt retirement charge, Ontario Clean Energy Benefit). The RTSR charges have been updated for 2015 to reflect the proposed Uniform Transmission Rates for 2014, and are held constant for the remainder of the Custom COS period.

Table 1

Distribution and Total Bill Impacts by Rate Class

Rate Class	Consumption Level	Monthly Consumption (kWh)	Monthly Peak (kW)	2015				2016				2017				2018				2019			
				Change in DX Bill (\$)	Change in DX Bill (%)	Change in Total Bill (\$)	Change in Total Bill (%)	Change in DX Bill (\$)	Change in DX Bill (%)	Change in Total Bill (\$)	Change in Total Bill (%)	Change in DX Bill (\$)	Change in DX Bill (%)	Change in Total Bill (\$)	Change in Total Bill (%)	Change in DX Bill (\$)	Change in DX Bill (%)	Change in Total Bill (\$)	Change in Total Bill (%)	Change in DX Bill (\$)	Change in DX Bill (%)	Change in Total Bill (\$)	Change in Total Bill (%)
UR	Low	100		\$2.34	12.2%	\$2.14	6.4%	\$0.41	1.9%	\$0.42	1.2%	\$0.35	1.6%	\$0.36	1.0%	\$0.18	0.8%	\$0.18	0.5%	\$0.38	1.7%	\$0.39	1.1%
	Typical	800		(\$4.22)	-11.2%	(\$6.23)	-4.4%	\$0.76	2.3%	\$0.77	0.6%	\$0.49	1.4%	\$0.50	0.4%	\$0.39	1.1%	\$0.40	0.3%	\$0.59	1.7%	\$0.60	0.4%
	High	2,000		(\$15.48)	-22.4%	(\$20.57)	-6.3%	\$1.36	2.5%	\$1.38	0.5%	\$0.73	1.3%	\$0.74	0.2%	\$0.75	1.3%	\$0.76	0.2%	\$0.95	1.7%	\$0.97	0.3%
R1	Low	100		\$2.80	10.2%	\$2.64	6.3%	\$1.11	3.7%	\$1.13	2.5%	\$0.71	2.3%	\$0.72	1.6%	\$0.35	1.1%	\$0.36	0.8%	\$0.72	2.2%	\$0.73	1.6%
	Typical	800		(\$0.75)	-1.4%	(\$2.42)	-1.5%	\$1.95	3.8%	\$1.98	1.3%	\$1.20	2.3%	\$1.22	0.8%	\$0.63	1.2%	\$0.64	0.4%	\$1.42	2.6%	\$1.44	0.9%
	High	2,000		(\$6.83)	-7.3%	(\$11.11)	-3.1%	\$3.39	3.9%	\$3.45	1.0%	\$2.04	2.3%	\$2.07	0.6%	\$1.11	1.2%	\$1.13	0.3%	\$2.62	2.8%	\$2.66	0.8%
R2	Low	100		\$2.89	7.8%	\$3.00	5.8%	\$4.81	12.1%	\$4.89	9.0%	\$5.10	11.4%	\$5.19	8.7%	\$5.85	11.8%	\$5.95	9.2%	\$5.79	10.4%	\$5.89	8.3%
	Typical	800		\$6.23	9.7%	\$6.85	4.0%	\$7.19	10.2%	\$7.31	4.1%	\$7.55	9.7%	\$7.68	4.2%	\$9.00	10.5%	\$9.15	4.8%	\$9.01	9.5%	\$9.16	4.6%
	High	2,000		\$11.97	10.7%	\$13.46	3.6%	\$11.27	9.1%	\$11.46	3.0%	\$11.75	8.7%	\$11.95	3.0%	\$14.40	9.8%	\$14.64	3.6%	\$14.53	9.0%	\$14.78	3.5%
Seasonal	Low	50		\$2.27	8.1%	\$2.28	6.4%	\$1.88	6.2%	\$1.91	5.0%	\$2.44	7.6%	\$2.48	6.2%	\$2.24	6.5%	\$2.28	5.4%	\$2.44	6.7%	\$2.49	5.5%
	Typical	400		\$2.72	4.7%	\$2.57	2.3%	\$4.05	6.7%	\$4.12	3.6%	\$4.96	7.6%	\$5.04	4.3%	\$4.69	6.7%	\$4.77	3.9%	\$5.35	7.2%	\$5.44	4.3%
	High	1,000		\$3.51	3.2%	\$3.07	1.3%	\$7.77	6.9%	\$7.90	3.2%	\$9.28	7.7%	\$9.44	3.7%	\$8.89	6.8%	\$9.04	3.5%	\$10.33	7.4%	\$10.51	3.9%
GSe	Low	1,000		(\$0.20)	-0.2%	\$0.93	0.4%	\$5.07	6.3%	\$5.16	2.5%	\$5.47	6.4%	\$5.56	2.6%	\$5.67	6.2%	\$5.77	2.6%	\$6.08	6.3%	\$6.18	2.7%
	Typical	2,000		\$10.20	8.3%	\$12.65	3.4%	\$8.27	6.2%	\$8.41	2.2%	\$8.97	6.4%	\$9.12	2.3%	\$9.57	6.4%	\$9.73	2.4%	\$10.38	6.5%	\$10.56	2.5%
	High	15,000		\$145.40	22.0%	\$180.54	6.5%	\$49.87	6.2%	\$55.06	1.9%	\$54.47	6.4%	\$60.14	2.0%	\$60.27	6.6%	\$66.58	2.2%	\$66.28	6.8%	\$73.24	2.3%
UGe	Low	1,000		\$14.82	48.3%	\$13.41	8.5%	\$2.54	5.6%	\$2.58	1.5%	\$4.78	9.9%	\$4.86	2.8%	\$4.61	8.7%	\$4.69	2.6%	\$4.86	8.5%	\$4.94	2.7%
	Typical	2,000		\$21.24	44.9%	\$18.28	6.1%	\$3.74	5.5%	\$3.80	1.2%	\$7.18	9.9%	\$7.30	2.3%	\$7.01	8.8%	\$7.13	2.2%	\$7.56	8.7%	\$7.69	2.3%
	High	15,000		\$104.70	39.8%	\$88.09	3.7%	\$19.34	5.3%	\$21.30	0.9%	\$38.38	9.9%	\$42.29	1.7%	\$38.21	9.0%	\$42.11	1.7%	\$42.66	9.2%	\$47.05	1.8%
GSd	Low	15,000	60	\$126.00	16.8%	\$122.30	4.3%	\$81.23	9.3%	\$91.79	3.1%	\$115.86	12.1%	\$130.93	4.3%	\$122.11	11.4%	\$137.98	4.4%	\$124.80	10.5%	\$141.02	4.3%
	Typical	35,000	120	\$226.79	15.8%	\$216.10	3.5%	\$155.93	9.4%	\$176.20	2.8%	\$221.85	12.2%	\$250.69	3.8%	\$235.06	11.5%	\$265.62	3.9%	\$240.54	10.6%	\$271.81	3.8%
	High	175,000	500	\$865.11	14.9%	\$810.22	2.8%	\$629.07	9.4%	\$710.85	2.4%	\$893.08	12.2%	\$1,009.18	3.3%	\$950.45	11.6%	\$1,074.01	3.4%	\$973.60	10.6%	\$1,100.17	3.4%
UGd	Low	15,000	60	\$90.18	20.3%	\$96.51	3.9%	\$48.11	9.0%	\$54.36	2.1%	\$70.68	12.2%	\$79.87	3.0%	\$73.80	11.3%	\$83.39	3.1%	\$75.49	10.4%	\$85.31	3.1%
	Typical	35,000	120	\$130.56	15.3%	\$131.06	2.4%	\$89.39	9.1%	\$101.01	1.8%	\$130.83	12.2%	\$147.84	2.6%	\$137.73	11.4%	\$155.64	2.6%	\$141.17	10.5%	\$159.53	2.6%
	High	175,000	500	\$386.34	11.2%	\$334.72	1.3%	\$350.87	9.1%	\$396.48	1.5%	\$511.74	12.2%	\$578.27	2.1%	\$542.66	11.5%	\$613.21	2.2%	\$557.16	10.6%	\$629.59	2.2%
St Lgt	Low	100		\$3.78	42.5%	\$3.81	18.1%	\$1.03	8.1%	\$1.05	4.2%	\$1.13	8.2%	\$1.15	4.4%	\$1.18	8.0%	\$1.20	4.4%	\$1.20	7.5%	\$1.22	4.3%
	Typical	500		\$9.14	23.7%	\$9.13	9.3%	\$3.83	8.0%	\$3.90	3.6%	\$4.41	8.6%	\$4.48	4.0%	\$4.54	8.1%	\$4.62	4.0%	\$4.52	7.5%	\$4.60	3.8%
	High	2,000		\$29.22	19.5%	\$29.07	7.1%	\$14.33	8.0%	\$14.57	3.3%	\$16.71	8.6%	\$16.99	3.8%	\$17.14	8.2%	\$17.43	3.7%	\$16.97	7.5%	\$17.26	3.5%
Sen Lgt	Low	20		\$1.02	28.6%	\$1.03	16.6%	\$0.59	12.8%	\$0.60	8.3%	\$0.65	12.5%	\$0.66	8.4%	\$0.64	10.9%	\$0.65	7.6%	\$0.48	7.4%	\$0.48	5.3%
	Typical	50		\$1.26	18.9%	\$1.26	9.8%	\$0.99	12.5%	\$1.01	7.1%	\$1.09	12.2%	\$1.11	7.3%	\$1.08	10.8%	\$1.10	6.8%	\$0.79	7.1%	\$0.80	4.6%
	High	200		\$2.45	11.1%	\$2.43	5.3%	\$3.00	12.2%	\$3.05	6.3%	\$3.31	12.0%	\$3.37	6.5%	\$3.30	10.7%	\$3.36	6.1%	\$2.33	6.8%	\$2.37	4.1%
USL	Low	100		\$7.37	21.8%	\$7.37	15.8%	(\$0.30)	-0.7%	(\$0.31)	-0.6%	\$1.18	2.9%	\$1.20	2.2%	\$0.26	0.6%	\$0.26	0.5%	\$0.87	2.1%	\$0.88	1.6%
	Typical	500		\$2.61	5.2%	\$2.00	1.8%	(\$0.54)	-1.0%	(\$0.55)	-0.5%	\$1.34	2.6%	\$1.36	1.2%	\$0.26	0.5%	\$0.26	0.2%	\$1.11	2.1%	\$1.13	1.0%
	High	1,000		(\$3.34)	-4.7%	(\$4.70)	-2.4%	(\$0.84)	-1.2%	(\$0.85)	-0.4%	\$1.54	2.3%	\$1.57	0.8%	\$0.26	0.4%	\$0.26	0.1%	\$1.41	2.1%	\$1.43	0.7%
DGen	Low	300	10	\$91.42	88.5%	\$106.39	66.7%	\$51.46	26.4%	\$58.15	21.9%	\$53.36	21.7%	\$60.30	18.6%	\$55.04	18.4%	\$62.20	16.2%	\$45.97	13.0%	\$51.95	11.6%
	Typical	2,000	20	\$61.57	37.4%	\$75.75	17.4%	\$65.91	29.1%	\$74.48	14.6%	\$69.72	23.9%	\$78.79	13.4%	\$71.80	19.8%	\$81.14	12.2%	\$61.37	14.2%	\$69.35	9.3%
	High	5,000	100	(\$177.23)	-27.1%	(\$169.38)	-12.1%	\$181.56	38.0%	\$205.16	16.7%	\$200.61	30.4%	\$226.69	15.8%	\$205.89	23.9%	\$232.66	14.0%	\$184.57	17.3%	\$208.56	11.0%
ST	Low	200,000	500	\$465.32	36.6%	\$806.39	2.9%	\$140.20	8.1%	\$158.43	0.6%	\$118.09	6.3%	\$133.44	0.5%	\$159.87	8.0%	\$180.65	0.6%	\$155.15	7.2%	\$175.32	0.6%
	Typical	500,000	1,000	\$603.07	34.2%	\$1,242.63	1.9%	\$196.00	8.3%	\$221.48	0.3%	\$172.54	6.7%	\$194.97	0.3%	\$223.02	8.2%	\$252.01	0.4%	\$220.25	7.4%	\$248.88	0.4%
	High	4,000,000	10,000	\$3,082.57	28.9%	\$9,094.88	1.7%	\$1,200.40	8.7%	\$1,356.45	0.2%	\$1,152.64	7.7%	\$1,302.48	0.2%	\$1,359.72	8.4%	\$1,536.48	0.3%	\$1,392.05	8.0%	\$1,573.02	0.3%



The distribution and total bill impacts associated with customers that will be moving between rate classes in 2015 as a result of the rate class review and seasonal customer changes are provided in Table 2.

**Table 2**

**Distribution and Total Bill Impacts for Customers Moving Between Rate Classes in 2015 as a Result of the Rate Class Review and Proposed Seasonal Customer Change**

Rate Class	Consumption Level	Monthly Consumption (kWh)	Monthly Peak (kW)	Change in DX Bill (\$)	Change in DX Bill (%)	Change in Total Bill (\$)	Change in Total Bill (%)
UR -> R1	Low	100		\$11.11	57.7%	\$11.20	33.5%
	Typical	800		\$13.72	36.5%	\$13.10	9.3%
	High	2,000		\$18.18	26.3%	\$16.38	5.0%
UR -> R2	Low	100		\$20.59	106.9%	\$21.14	63.3%
	Typical	800		\$33.14	88.2%	\$35.25	24.9%
	High	2,000		\$54.64	79.2%	\$59.45	18.2%
R1 -> UR	Low	100		(\$5.97)	-21.6%	(\$6.41)	-15.3%
	Typical	800		(\$18.69)	-35.9%	(\$21.76)	-13.9%
	High	2,000		(\$40.49)	-43.1%	(\$48.06)	-13.6%
R2 -> UR	Low	100		(\$15.36)	-41.6%	(\$15.99)	-31.0%
	Typical	800		(\$31.13)	-48.3%	(\$34.63)	-20.4%
	High	2,000		(\$58.15)	-52.1%	(\$66.57)	-17.9%
R2 -> R1	Low	100		(\$6.59)	-17.8%	(\$6.94)	-13.5%
	Typical	800		(\$13.19)	-20.4%	(\$15.29)	-9.0%
	High	2,000		(\$24.49)	-21.9%	(\$29.62)	-7.9%
R1 -> R2	Low	100		\$12.28	44.6%	\$12.58	30.0%
	Typical	800		\$18.67	35.9%	\$19.72	12.6%
	High	2,000		\$29.63	31.5%	\$31.97	9.0%
Seasonal -> R1	Low	100		(\$1.87)	-5.8%	(\$2.08)	-4.5%
	Typical	800		(\$41.20)	-44.5%	(\$43.35)	-21.9%
	High	2,000		(\$108.63)	-55.5%	(\$114.10)	-25.0%
Seasonal -> R2	Low	100		\$7.61	23.6%	\$7.86	16.8%
	Typical	800		(\$21.78)	-23.5%	(\$21.20)	-10.7%
	High	2,000		(\$72.17)	-36.9%	(\$71.02)	-15.5%
UGe -> GSe	Low	1,000		\$50.34	164.0%	\$52.05	32.9%
	Typical	2,000		\$85.56	181.0%	\$88.73	29.5%
	High	15,000		\$543.42	206.8%	\$614.45	26.2%
GSe -> UGe	Low	1,000		(\$35.72)	-44.0%	(\$37.71)	-18.0%
	Typical	2,000		(\$54.12)	-44.1%	(\$57.80)	-15.3%
	High	15,000		(\$293.32)	-44.4%	(\$345.82)	-12.4%
UGd -> GSd	Low	15,000	60	\$430.90	97.2%	\$457.34	18.4%
	Typical	35,000	120	\$813.03	95.2%	\$859.57	15.6%
	High	175,000	500	\$3,233.17	93.6%	\$3,407.03	13.0%
GSd -> UGd	Low	15,000	60	(\$214.72)	-28.7%	(\$238.54)	-8.5%
	Typical	35,000	120	(\$455.68)	-31.6%	(\$512.41)	-8.3%
	High	175,000	500	(\$1,981.72)	-34.0%	(\$2,262.09)	-7.8%

## **2.0 RURAL OR REMOTE RATE PROTECTION (“RRRP”)**

In accordance with the requirements of O.Reg. 442/01, Hydro One is provided rate protection funding of \$127 million, of which \$125.4 million is available to provide an RRRP credit to its R2 residential customers. The current RRRP credit is \$28.50 per month. The number of R2 customers has dropped as a result of the rate class review, and Hydro One proposes to increase the RRRP credit to \$30.50 per month over the five year Custom COS period.

## **3.0 RATE IMPACT MITIGATION**

The annual total bill impacts across most rate classes resulting from the revenue requirement and regulatory asset disposition requested in this application are below the 10% value established by the Board in the *2006 Electricity Distribution Rate Handbook* for customers with typical consumption.

The total bill impact for a typical DGen customer is above 10% in 2015 to 2018. Hydro One has mitigated the impacts to DGen customers by spreading the increase in the R/C ratio for this class over the full five years of the Custom COS period. The impact on a typical customer in this class is less than \$100 per month, which the Board established as a level below which special mitigation is not required for a General Service demand customer, as discussed below. As such, no rate mitigation is proposed for the DGen rate class.

There are some customers that may experience total bill impacts in excess of 10% in 2015 due to being moved to their appropriate rate class as a result of the rate class review. Specifically, residential customers moving from the UR rate class to the R2 rate class, and Urban General Service energy and demand-billed customers moving to the non-urban General Service energy and demand-billed rate classes will experience higher total impacts that Hydro One proposes to mitigate.

Hydro One proposes to adopt the special rate mitigation approach approved by the Board as part of its 2008 and 2010/11 cost-of-service applications, EB-2007-0681 and EB-2009-0096. The rate mitigation plan will limit total bill impacts as follows:

- UR residential customers moving to the R2 rate class will be limited to a maximum of 15% or \$3 per month;
- Urban General Service energy-billed customers moving to the General Service energy-billed class will be limited to a maximum of 15% or \$10 per month; and
- Urban General Service demand-billed customers moving to the General Service demand-billed class will be limited to a maximum of 15% or \$100 per month.

The costs of this mitigation and related implementation will be tracked in a Bill Impact Mitigation variance account, as described in Exhibit F1, Tab 1, Schedule 2. The required mitigation will apply only in 2015, the year in which the move between rate classes due to the rate class review occurs. The mitigation amount for affected customers will be calculated based on the last 12 months of billing information available for affected customers at the time the credit is calculated. The mitigation will be applied via a credit to the affected customer's 2015 monthly bills.

## LINE LOSS STUDY

In its EB-2009-0096 Decision with Reasons, the Board directed Hydro One to track the dollar value of variances between the Board approved losses recovered in rates and the actual line losses commencing January 1, 2010. The Distribution Line Loss Study prepared by Navigant Consulting Ltd. (“Navigant”) for Hydro One, provided in Attachment 1, is in response to this Decision for the years 2010 to 2012 inclusive.

Hydro One followed the recommendation of the consultant and used the bill data method to calculate the line loss variance analysis for 2013. In addition, hourly data obtained from the IESO and Hydro One’s CIS was used in the analysis. The line loss variance analysis for 2010-2013 is presented in Table 1. Over the 4 years period, Hydro One under-collected line losses by about 30.6 GWh and the corresponding dollar values in the RSVA-Power (1588) account will be about \$8 million. Hydro One’s average actual line losses for 2010-2013 tracked well with the Board approved losses.

**Table 1**

**Line Loss Variance Analysis for 2010-2013**

	2010	2011	2012	2013	2010-2013
Purchase (kWh)	25,147,786,869	25,269,760,852	25,222,134,097	25,833,409,098	101,473,090,916
Consumption (kWh)	23,090,758,102	23,696,731,189	24,060,730,736	23,752,391,691	94,600,611,718
Actual Losses (kWh)	2,057,028,767	1,573,029,663	1,161,403,361	2,081,017,407	6,872,479,198
Loss Adjusted Consumption (kWh)	24,801,899,448	25,418,695,980	25,806,884,587	25,414,964,154	101,442,444,169
Approved losses (kWh)	1,711,141,347	1,721,964,791	1,746,153,851	1,662,572,463	6,841,832,451
Variance (kWh)	345,887,420	(148,935,128)	(584,750,490)	418,444,943	30,646,746
Approved TLF	7.4%	7.3%	7.3%	7.0%	7.2%
Actual TLF	8.9%	6.6%	4.8%	8.8%	7.3%
RSVA Power \$	17,234,733	(3,343,507)	(14,438,777)	8,507,428	7,959,877

Please refer to Attachment 2 for the Expert Evidence Statement from Navigant as required by the OEB Rules of Practice and Procedure, Section 13A.

# **MODIFICATION TO BOARD'S COST ALLOCATION MODEL**

## **1.0 INTRODUCTION**

This exhibit details the modifications that Hydro One has made to the Board's Cost Allocation Model ("CAM") to reflect its unique circumstances.

## **2.0 COMPUTER MODEL**

Hydro One has used Version 2 of the Board's CAM, published on August 5, 2011 modified to incorporate all structural and cosmetic differences between Version 2 and Version 3.1 of the CAM issued by the Board on August 2, 2013.

The Board's CAM has been modified to take into account the multiple rate classes served by Hydro One, including:

- a number of density-based customer classes;
- customers connected to the sub-transmission (ST) system; and
- the split of Hydro One's distribution system between bulk, primary and secondary distribution.

Unless otherwise noted, the changes made to the model are the same changes previously approved in the model used by Hydro One in proceeding EB-2009-0096.

### 3.0 CUSTOMER CLASSES

In Input Sheet 2 (I2 LDC class), Hydro One has entered the following Customer classes:

1	Residential - Urban Density	UR
2	Residential - Medium Density	R1
3	Residential - Low Density	R2
4	Seasonal Residential	Seasonal
5	General Service Energy Billed (Less than 50kW)	GSe
6	General Service Demand Billed (50kW or more)	GSd
7	Urban General Service Energy Billed (Less than 50kW)	UGe
8	Urban General Service Demand Billed (50 kW or more)	UGd
9	Street Lights	St Lgt
10	Sentinel Lights	Sen Lgt
11	Unmetered Scattered Load	USL
12	Distributed Generation	DGen
13	Sub-Transmission	ST

The customer classes are the same as those approved by the Board in Hydro One's last Cost of Service application (EB-2009-0096), except for the inclusion of a new Unmetered Scattered Load (USL) class as per the Board's guidelines in the "Review of Electricity Distribution Cost Allocation Policy" released in March 2011.

1     **4.0     MODEL CHANGES**

2  
3     **Trial Balance (TB) Data (Input Sheet 3)**

4  
5     Transformer Ownership Allowance is not populated as Hydro One's proposed Revenue  
6     Requirement excludes the cost of Transformer Ownership allowance.

7  
8     Hydro One includes sentinel lights as a regulated activity as per Regulation 116/02 dated  
9     March 22, 2002, made under the *Electricity Act, 1998*. This regulation allows Hydro One  
10    to include in its regulated rate base, the assets and OM&A directly related to the  
11    provision of sentinel light services. As such, all costs and external revenues associated  
12    with sentinel lights have been included in the model.

13  
14    The formula in Cell G16 has been adjusted to reflect Hydro One's Working Capital.  
15    USoA 1985 (Sentinel Light) is also taken into account when calculating Working Capital.

16  
17    Based on actual 2012 year-end fixed assets data, about 3% of the amount in USoA 1815  
18    is for wholesale meters. This amount was reclassified from USoA 1815 to USoA 1820.

19  
20    New row has been added for account 4235-2 to separate out the miscellaneous revenue  
21    associated with sentinel light pole rental charges.

22  
23    External revenue in USoA 4330 was reclassified to USoA 5085.

24  
25    Sentinel light costs in USoAs 5170 and 5172 were reclassified to USoA 5665 and were  
26    directly allocated to this class.

1 Low-income Energy Assistance Program funding was reclassified from USoA 5320 to  
2 USoA 6201-5.

3  
4 A portion of the costs from USoAs 5310, 5315, 5610, 5615, 5630 and 5665 was directly  
5 allocated to the interval metered customers to reflect the billing and settlement costs  
6 incurred by these customers.

7  
8 **Asset Breakout (Input Sheet 4)**

9  
10 Changes have been made to the model to reflect the distribution assets used to supply the  
11 ST customer class. These assets include: High Voltage Distribution Stations (HVDS), a  
12 small number of Low Voltage Distribution Stations (LVDS) whose secondary voltages  
13 are between 27.6 kV and 13.8 kV inclusive, and power lines between the voltages of 44  
14 kV and 13.8 kV inclusive. In addition, some LVDS and power lines between the  
15 voltages of 12.5 kV and 4.16 kV inclusive are also used to supply embedded LDC  
16 customers below 13.8 kV.

17  
18 Two sub-accounts have been created for USoA 1815 (Transformer Station Equipment-  
19 Primary above 50 kV) to take into account the fact that these stations can be shared  
20 between the bulk ST system customers and other retail customers, or used exclusively by  
21 one customer group. Costs are allocated between HVDS-Retail and HVDS-ST in  
22 proportion to the total consumption supplied from all HVDS.

23  
24 USoAs 1830 (Poles, Towers and Fixtures), 1835 (Overhead Conductors and Devices),  
25 1840 (Underground Conduit), and 1845 (Underground Conductors and Devices), are split  
26 between bulk, primary and secondary assets using 2012 year-end gross book values of  
27 Hydro One's fixed assets.



1 Sub-accounts have been created for USoAs 1830-3 (Poles, Towers and Fixtures – Sub-  
2 Transmission Bulk Delivery) and 1830-4 (Poles, Towers and Fixtures – Primary) to  
3 provide a split between ST and retail customers. To derive this split, the ST shared line  
4 length as % of total bulk/primary line length is allocated to ST and Retail customers in  
5 proportion to their kWh.

6  
7 Sub-accounts have been created for USoAs 1835-3 (Overhead Conductors and Devices –  
8 Sub-Transmission Bulk Delivery) and 1835-4 (Overhead Conductors and Devices –  
9 Primary) to provide a split between ST and retail customers. Same methodology as  
10 mentioned above for USoAs 1830-3 and 1830-4 was used to derive this split.

11  
12 Service connections are estimated to represent 50% of the total length of overhead  
13 secondary conductors. Accordingly, 50% of the amount in USoA 1835-5 (Overhead  
14 Conductors and Devices – Secondary) has been moved to USoA 1855 (Services). All of  
15 secondary underground conductors and devices (USoA 1845-5) are assumed to be  
16 associated with service connections, and therefore the entire amount in USoA 1845-5 has  
17 been moved to USoA 1855.

18  
19 Sub-accounts have been created for USoA 1860 (Meters) to provide a split between  
20 single-phase, poly-phase, ST, and smart meters. The split has been calculated using 2012  
21 year-end gross book values of these various types of meters.

22  
23 Where new sub-accounts were created, formulas to calculate totals were modified to  
24 include sub-accounts and exclude main accounts.

25  
26 For the reason discussed under section ***Trial Balance Data (Input Sheet 3)***, a row has  
27 been added for USoA 1985 (Sentinel Lights).

1 Formulas for Contributed Capital (cell C104), Accumulated Depreciated (cell C105), and  
2 Net Assets (cell C108) have been modified to add back the amounts associated with  
3 USoAs 1600s, 1700s and 2040.

4  
5 **Weighting Factors (Input Sheet 5.2)**

6  
7 Weighting factors discussed in Exhibit G1, Tab 3, Schedule 1 have been used for  
8 Services and Billing and Collecting.

9  
10 **Revenue (Input Sheet 6.1)**

11  
12 For GSe class, the monthly service charge entered in row 33 is excluding the adder for  
13 USL metering credit.

14  
15 For GSd, UGd, and DGen classes, volumetric distribution rates entered in row 35 are  
16 excluding CSTA rate adder.

17  
18 Hydro One's rates for Street and Sentinel Light customers are developed on per account  
19 basis, not per connection. The revenue calculation formulas in row 39 for these two rate  
20 classes have been altered accordingly.

21  
22 **Customer Data (Input Sheet 6.2)**

23  
24 The majority of, if not all, Sentinel Light customers have a primary account (either  
25 residential or general service). To account for the fact that most of the customer related  
26 costs are shared between the associated primary and sentinel light accounts, the number

1 of sentinel light connections entered in this worksheet are half of the total sentinel light  
2 connections in Hydro One's distribution service territory.

3  
4 **Meter Capital (Input Sheet 7.1)**

5  
6 Hydro One has reviewed its meter capital costs and has entered the actual installed  
7 cost/meter for each rate class in Column D.

8  
9 **Meter Reading (Input Sheet 7.2)**

10  
11 Based on current estimates, there will be about 42,000 customers without smart/interval  
12 meter during the forecast period. It is estimated that residential and energy-billed general  
13 service customers' meters will be read every three months (except one meter read per  
14 year for Seasonal customers) and demand-billed general service customers' meters will  
15 be read every month.

16  
17 Hydro One has used the specific meter reading weighting factors previously approved in  
18 EB-2009-0096, which were developed using the relative costs of meter reading for Hydro  
19 One's diverse customer base.

20  
21 **Demand Data (Input Sheet 8)**

22  
23 Loss factors specific to each rate class were used to calculate load data at different  
24 delivery levels: Transmission, Bulk, Primary, and Secondary. The Line Transformer  
25 Non-coincident Peaks ("NCPs") were developed using the ratio of the billed demand for  
26 customers that receive transformer ownership allowance and the total customer class  
27 billed demand.

1 **Direct Allocation (Input Sheet 9)**

2  
3 A portion of the amounts in following USoAs were directly allocated:

- 4 • 5310 Meter Reading Expenses;  
5 • 5315 Customer Billing;  
6 • 5610 Management Salaries and Expenses;  
7 • 5615 General Administrative Salaries and Expenses;  
8 • 5630 Outside Services Employed; and  
9 • 5665 Miscellaneous General Expenses.

10  
11 Most of these expenses relate to the staff dealing with interval metered customers and  
12 have been distributed among customer classes using number of interval meters by rate  
13 class.

14  
15 A portion of 5665 has been directly allocated to sentinel lights.

16  
17 Based on discussion with experts, salaries for 1.5 FTEs (from USoA 5610 and 5615)  
18 have been directly allocated to DGen class.

19  
20 **Revenue to Cost | RR (Output Sheet 1)**

21  
22 Formula to check the rate base amount has been adjusted to be based on nearest millions  
23 of dollar.

24  
25 Formula to compare rate base input in sheet ***I3 TB Data*** with rate base output in sheet  
26 ***O1 Revenue to Cost / RR*** results in a mismatch between the two numbers. Rows 84 to 91

1 have been added to show that once the amounts in USoAs 1600s, 1700s and 2040 have  
2 been accounted for, the rate base input equals output.

3  
4 **Fixed Charge Floor Ceiling (Output Sheet 2)**

5  
6 Formula for General Plant-Gross Assets has been changed to include USoA 1985  
7 (Sentinel Light) assets.

8  
9 Formulas for all Fixed Assets costs have been adjusted to reflect new Fixed Assets sub-  
10 accounts.

11  
12 In Scenario 3, new rows have been added to reflect sub-accounts for USoA 4235 (4235-1,  
13 4235-2, and 4235-90). Formula for the sub-total has been adjusted to reflect this change.

14  
15 **Line Transformers PLCC Adjustment (Output Sheet 2.1)**

16  
17 Formula for General Plant – Gross Assets has been changed to include USoA 1985  
18 (Sentinel Light).

19  
20 Formula for Peak Load Carrying Capability (“PLCC”) adjustment to Customer related  
21 costs has been adjusted to ensure allocated cost does not exceed total cost when the  
22 PLCC-Conductor kW is changed from the default of 400 W in worksheet E3: PLCC.

23  
24 **Primary Costs PLCC Adjustment (Output Sheet 2.2)**

25  
26 Formulas for Fixed Assets costs have been changed to reflect new sub-accounts.

1 Formula for General Plant – Gross Assets has been changed to include USoA 1985  
2 (Sentinel Light).

3  
4 **Secondary Costs PLCC Adjustment (Output Sheet 2.3)**

5  
6 Formulas for Fixed Assets costs have been changed to reflect new sub-accounts.

7  
8 Formula for General Plant – Gross Assets has been changed to include USoA 1985  
9 (Sentinel Light).

10  
11 **Line Transformer Unit Costs (Output Sheet 3.1)**

12  
13 Formula for General Plant – Gross Assets has been changed to include USoA 1985  
14 (Sentinel Light).

15  
16 **Substation Transformation Unit Costs (Output Sheet 3.2)**

17  
18 Formula for General Plant – Gross Assets has been changed to include USoA 1985  
19 (Sentinel Light).

20  
21 **Primary Cost Pools (Output Sheet 3.3)**

22  
23 Formulas for Fixed Assets costs have been changed to reflect new sub-accounts.

24  
25 Formula for General Plant – Gross Assets has been changed to include USoA 1985  
26 (Sentinel Light).

1 **Secondary Cost Pools (Output Sheet 3.4)**

2  
3 Formula for General Plant – Gross Assets has been changed to include 1985 (Sentinel  
4 Light).

5  
6 **USL Metering Credit (Output Sheet 3.5)**

7  
8 Formulas for Fixed Assets costs have been changed to reflect new sub-accounts.

9  
10 Formula for General Plant – Gross Assets has been changed to include 1985 (Sentinel  
11 Light).

12  
13 As per the Board's guidelines, Hydro One has developed a new Unmetered Scatter Load  
14 (USL) customer class and will no longer be using the USL metering credit value.

15  
16 **MicroFIT Charge (Output Sheet 3.6)**

17  
18 As Hydro One has four residential rate classes, the MicroFIT charge is adjusted to  
19 include all these classes. Additional columns have been added for each residential rate  
20 class as well as a summary column that shows the total costs.

21  
22 **Summary by Class and Accounts (Output Sheet 4)**

23  
24 New rows have been added to reflect sub-accounts: 1815 – 1 and 2, 1830 – 3A and 3B,  
25 4A and 4B, 1835 – 3A and 3B, 4A and 4B, 1850 – 1 and 2, 1860 – 1, 2, 3, and 4, USoA  
26 1985 (Sentinel Light), and USoA 4235-2 (Sentinel Lights Pole Rental Charges).

1 **Details by Class and Accounts (Output Sheet 5)**

2  
3 New rows have been added to reflect sub-accounts: 1815 – 1 and 2, 1830 – 3A and 3B,  
4 4A and 4B, 1835 – 3A and 3B, 4A and 4B, 1850 – 1 and 2, 1860 – 1, 2, 3, and 4, USoA  
5 1985 (Sentinel Light), and USoA 4235-2 (Sentinel Lights Pole Rental Charges).

6  
7 Trial Balance Totals (Column E) of main Fixed Assets accounts are set to zero to avoid  
8 double counting with new sub-accounts.

9  
10 **Source Data for E2 (Output Sheet 6)**

11  
12 New rows have been added to reflect new sub-accounts: 1815 – 1 and 2, 1830 – 3A and  
13 3B, 4A and 4B, 1835 – 3A and 3B, 4A and 4B, 1850 – 1 and 2, and 1860 – 1, 2, 3, and 4.

14  
15 Formulas for main Fixed Assets accounts have been adjusted to reflect the sum of sub-  
16 accounts.

17  
18 **Amortization (Output Sheet 7)**

19  
20 New rows have been added to reflect new sub-accounts: 1815 – 1 and 2, 1830 – 3A and  
21 3B, 4A and 4B, 1835 – 3A and 3B, 4A and 4B, 1850 – 1 and 2, 1860 – 1, 2, 3, and 4, and  
22 USoA 1985 (Sentinel Light).

23  
24 Formulas for main Fixed Assets accounts have been adjusted to reflect the sum of sub-  
25 accounts.

26  
27 Amount in USoA 1985 has been directly allocated to sentinel lights.



**Categorization (Exhibit Sheet 1)**

New rows have been added to reflect new sub-accounts: 1815 – 1 and 2, 1830 – 3A and 3B, 4A and 4B, 1835 – 3A and 3B, 4A and 4B, 1850 – 1 and 2, and 1860 – 1, 2, 3, and 4.

As approved in EB-2009-0096, and per the results of the Minimum System Study submitted as part of application EB-2007-0681, the Categorization factors for Fixtures, Conductors and Rural Transformers have been updated from the default value of 60% to 47.8%, 54.8% and 61.9%, respectively.

The updated factors are used to determine the customer portions of the costs for the following accounts and their sub-accounts:

1830	Overhead Fixtures	47.8%
1835	Conductors	54.8%
1840/45	Underground	54.8%
1850	Transformers	61.9%

The associated O&M accounts were also adjusted to track the Asset Accounts.

For example:

- USoA 5035, 5055 and 5160 for Transformers was set at 61.9%
- USoA 5120 for Fixtures Maintenance was set at 47.8%
- Conductor Related USoA (such as 5020, 5025 etc.) set to 54.8%.

**Allocators (Exhibit Sheet 2)**

New allocators, to reflect Hydro One's ST and density-based rate classes, have been developed and added in the CAM starting at row 121.

1 New density factors have been added at row 152.

2  
3 Density-adjusted demand allocators have been added starting row 250.

4  
5 **PLCC (Exhibit Sheet 3)**

6  
7 As discussed in Exhibit G1, Tab 3, Schedule 1, PLCC values of 1,154 watts and 2,875  
8 watts have been used for conductors and transformers, respectively.

9  
10 **Trial Balance Allocation Details (Exhibit Sheet 4)**

11  
12 New rows have been added to reflect new sub-accounts: 1815 – 1 and 2, 1830 – 3A, 3B,  
13 4A and 4B, 1835 – 3A, 3B, 4A and 4B, 1860 – 1, 2, 3, and 4, and 4235-1, 2 and 90.

14  
15 For the reasons discussed earlier in this schedule, a row has been added for USoA 1985  
16 (Sentinel Light).

17  
18 Allocators specific to Hydro One have been used where appropriate. Table 1 provides the  
19 list of allocators used to distribute Fixed Asset costs among customer classes.

1  
2

**Table 1**  
**Fixed Asset Cost Allocators**

<b>USoA</b>	<b>Allocator</b>	<b>Basis</b>
1805/1806/1808/1810-1: >50 kV Assets	TCP12-DA-All	Density adjusted total CP
1805/1806/1808/1810-2: <50 kV Assets	BCP12-DA-RCD-All	Density adjusted bulk CP with estimate of embedded distributors connected below ST voltages
1815-1	BCP12-DA-ExST	Density adjusted bulk CP - Retail only
1815-2	1815-2D	HVDS Low Shared – ST only
1820-1	BCP12-DA-All	Density adjusted bulk CP
1820-2	PNCP4-DA-RCD-All	Density adjusted NCP with estimate of embedded distributors connected below ST voltages
1820-3	CEN EWMP	Energy by rate class excluding wholesale market participants
1830-3A	1830-3A	Bulk CP - ST only
1830-3B	BCP12-DA-ExST	Density adjusted bulk CP - Retail only
1830-4A	1830-4AD	Primary Fixtures for ST only - Demand Related
	1830-4AC	Primary Fixtures for ST only - Customer Related
1830-4B	PNCP4-DA-ExST	Density adjusted primary NCP - Retail only

USoA	Allocator	Basis
	CCP-DA-ExST	Density adjusted retail customer count
1835-3A	1835-3A	Bulk Lines for ST only
1835-3B	BCP12-DA-ExST	Density adjusted bulk CP - Retail only
1835-4A	1835-4AD	Primary Lines for ST only -Demand Related
	1835-4AC	Primary Lines for ST only - Customer Related
1835-4B	PNCP4-DA-ExST	Density adjusted primary NCP - Retail only
	CCP-DA-ExST	Density adjusted primary customer count – Retail only
1830-5 & 1835-5	SNCP4-DA-All	Density adjusted secondary NCP
	CCS-DA-All	Density adjusted secondary customer count
1840-3 & 1845-3	BCP12-DA-All	Density adjusted bulk CP
1840-4 & 1845-4	PNCP4-DA-EXST	Density adjusted primary NCP - Excluding ST
	CCP-DA-ExST	Density adjusted primary customer

USoA	Allocator	Basis
		count - Excluding ST
1840-5 & 1845-5	SNCP4-DA-ExST	Density adjusted secondary NCP - Excluding ST
	CCS-DA-ExST	Density adjusted secondary customer count - Excluding ST
1850	LTNCP4-DA-ExST	Rural Transformers Retail - Demand Related
	CCLT-DA-ExST	Rural Transformers Retail - Customer Related
1860-1	CWMC-1	Meter Capital for energy-billed customers
1860-2	CWMC-2	Meter Capital for demand-billed customers
1860-3	CWMC-3	Meter Capital for ST customers
1860-4	CWMC-4	Meter Capital for all customers except ST
1985, 4235-2	SenLgt	100% to sentinel lights

**Reconciliation (Exhibit Sheet 5)**

New rows have been added to reflect new sub-accounts: 1815 – 1 and 2, 1830 – 3A, 3B, 4A and 4B, 1835 – 3A, 3B, 4A and 4B, 1860 – 1, 2, 3, and 4, and 4235-1, 2 and 90.

For the reasons discussed earlier in this schedule, a row has been added for USoA 1985 (Sentinel Light).

**EB-2013-0416**  
**Sheet I6.1 Revenue Worksheet -**

Miscellaneous Revenue (RRWF 5. cell F48)	47,833,750
--	------------

		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	35,482,549,090	2,001,279,224	5,052,450,892	4,933,406,049	474,073,680	2,194,809,668	2,404,019,346	604,059,537	1,067,646,621	123,507,003	21,795,353	24,056,636	21,102,942	16,560,342,139
Forecast kW	CDEM	42,455,891	-	-	-	-	-	8,484,670	-	3,058,267	-	-	-	216,099	30,696,855
Forecast kW, included in CDEM, of customers receiving line transformer allowance		1,915,981	-	-	-	-	-	1,273,652	-	460,423	-	-	-	181,906	-
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	23,873,621,746	2,001,279,224	5,052,450,892	4,933,406,049	474,073,680	2,194,809,668	2,404,019,346	604,059,537	1,067,646,621	123,507,003	21,795,353	24,056,636	21,102,942	4,951,414,795
Existing Monthly Charge			\$12.72	\$20.15	\$57.61	\$19.71	\$35.92	\$52.27	\$10.20	\$28.71	\$1.47	\$1.50	\$29.69	\$38.13	\$583.21
Existing Distribution kWh Rate			\$0.02557	\$0.03390	\$0.03724	\$0.08206	\$0.04025		\$0.01684		\$0.07288	\$0.09986	\$0.04025		
Existing Distribution kW Rate								\$11.43300		\$6.93500				\$5.9510	\$0.7926
Existing TFOA Rate															
Additional Charges															
Distribution Revenue from Rates		\$1,158,859,444	\$83,156,908	\$277,254,007	\$415,341,645	\$72,882,407	\$128,646,955	\$100,839,490	\$12,347,186	\$21,864,089	\$9,087,319	\$2,716,654	\$2,978,264	\$1,748,119	\$29,996,402
Transformer Ownership Allowance		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Net Class Revenue	CREV	\$1,158,859,444	\$83,156,908	\$277,254,007	\$415,341,645	\$72,882,407	\$128,646,955	\$100,839,490	\$12,347,186	\$21,864,089	\$9,087,319	\$2,716,654	\$2,978,264	\$1,748,119	\$29,996,402



## 2015 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	\$18,833,333	\$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	14,308,735	2,514,481	5,259,351	4,020,510	574,665	1,122,101	73,355	213,218	22,814	58,591	360,113	67,699	12,120	9,717
Number of Devices															
Number of Connections (Unmetered)	CCON	40,971	-	-	-	-	-	-	-	-	20,324	15,005	5,642	-	-
Total Number of Customers	CCA	1,288,609	209,540	438,279	335,043	143,666	93,508	6,113	17,768	1,901	20,324	15,005	5,642	1,010	810
Bulk Customer Base	CCB	1,288,609	209,540	438,279	335,043	143,666	93,508	6,113	17,768	1,901	20,324	15,005	5,642	1,010	810
Primary Customer Base	CCP	1,287,324	209,540	438,279	335,043	143,666	93,508	6,113	17,768	1,901	20,324	15,005	5,642	460	74
Line Transformer Customer Base	CCLT	1,287,250	209,540	438,279	335,043	143,666	93,508	6,113	17,768	1,901	20,324	15,005	5,642	460	-
Secondary Customer Base	CCS	1,278,775	209,540	438,279	335,043	143,666	93,508	-	17,768	-	20,324	15,005	5,642	-	-
Weighted - Services	CWCS	1,079,709	104,770	328,709	502,564	143,666	-	-	-	-	-	-	-	-	-
Weighted Meter -Capital	CWMC	269,588,312	31,431,012	65,741,887	58,632,443	25,141,578	33,663,028	8,863,717	8,439,878	2,756,751	-	-	-	1,716,931	33,201,086
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	16,300,166	2,514,481	5,259,351	4,020,510	574,665	2,244,202	513,484	426,436	159,701	117,181	7,202	135,398	181,793	145,761

**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



# 2015 Cost Allocation Model

**EB-2013-0416**

## Sheet I8 Demand Data Worksheet -

This is an input sheet for demand allocators.

CP TEST RESULTS	12 CP
NCP TEST RESULTS	4 NCP

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

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

Customer Classes		Total	1	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
<b>CO-INCIDENT PEAK</b>															
<b>1 CP</b>															
Transformation CP	TCP1	6,567,697	413,212	1,141,048	1,177,122	138,965	327,451	373,242	99,688	140,413	33,004	5,824	3,020	3,257	2,711,451
Bulk Delivery CP	BCP1	6,357,483	399,920	1,104,993	1,140,903	134,685	317,293	361,281	96,511	135,866	31,977	5,643	2,926	3,150	2,622,334
Total Sytem CP	DCP1	6,567,697	413,212	1,141,048	1,177,122	138,965	327,451	373,242	99,688	140,413	33,004	5,824	3,020	3,257	2,711,451
<b>4 CP</b>															
Transformation CP	TCP4	25,193,965	1,719,984	4,411,575	4,431,787	450,112	1,435,548	1,392,411	396,933	571,237	89,068	15,718	12,076	11,517	10,255,998
Bulk Delivery CP	BCP4	24,387,618	1,664,658	4,272,175	4,295,424	436,250	1,391,015	1,347,791	384,285	552,740	86,295	15,228	11,700	11,139	9,918,917
Total Sytem CP	DCP4	25,193,965	1,719,984	4,411,575	4,431,787	450,112	1,435,548	1,392,411	396,933	571,237	89,068	15,718	12,076	11,517	10,255,998
<b>12 CP</b>															
Transformation CP	TCP12	68,045,977	4,509,287	11,271,395	11,366,707	1,044,976	3,942,130	3,947,987	1,077,420	1,702,426	198,245	34,984	36,048	32,164	28,882,208
Bulk Delivery CP	BCP12	65,865,874	4,364,239	10,915,235	11,016,962	1,012,793	3,819,838	3,821,473	1,043,088	1,647,299	192,072	33,895	34,926	31,110	27,932,944
Total Sytem CP	DCP12	68,045,977	4,509,287	11,271,395	11,366,707	1,044,976	3,942,130	3,947,987	1,077,420	1,702,426	198,245	34,984	36,048	32,164	28,882,208
<b>NON CO INCIDENT PEAK</b>															
<b>1 NCP</b>															
Classification NCP from															
Load Data Provider	DNCP1	7,094,168	452,037	1,194,110	1,228,065	165,593	441,413	432,003	125,531	202,106	50,089	8,839	3,050	3,753	2,787,579
Primary NCP	PNCP1	4,151,805	433,026	1,134,444	1,153,545	155,605	416,096	407,166	119,723	192,482	47,291	8,345	2,880	362	80,840
Line Transformer NCP	LTNCP1	3,980,561	433,026	1,134,444	1,153,545	155,605	416,096	346,046	119,723	163,504	47,291	8,345	2,880	57	-
Secondary NCP	SNCP1	3,375,946	427,661	1,109,768	1,111,371	149,994	402,749	-	117,648	-	45,869	8,094	2,793	-	-
<b>4 NCP</b>															
Classification NCP from															
Load Data Provider	DNCP4	27,300,619	1,762,645	4,556,285	4,690,726	604,312	1,690,077	1,713,246	481,555	759,834	191,674	33,825	12,144	14,595	10,789,699
Primary NCP	PNCP4	15,920,583	1,688,513	4,328,620	4,406,092	567,864	1,593,141	1,614,747	459,277	723,652	180,967	31,935	11,465	1,408	312,902
Line Transformer NCP	LTNCP4	15,255,157	1,688,513	4,328,620	4,406,092	567,864	1,593,141	1,372,354	459,277	614,706	180,967	31,935	11,465	223	-
Secondary NCP	SNCP4	12,905,423	1,667,592	4,234,466	4,245,001	547,384	1,542,041	-	451,317	-	175,526	30,975	11,120	-	-
<b>12 NCP</b>															
Classification NCP from															
Load Data Provider	DNCP12	73,048,696	4,808,725	11,741,586	11,663,086	1,337,689	4,673,336	4,875,342	1,329,353	2,119,949	453,206	79,977	36,198	41,384	29,888,864
Primary NCP	PNCP12	41,669,287	4,606,484	11,154,892	10,955,366	1,257,008	4,405,292	4,595,045	1,267,853	2,018,999	427,889	75,510	34,176	3,992	866,779
Line Transformer NCP	LTNCP12	39,805,414	4,606,484	11,154,892	10,955,366	1,257,008	4,405,292	3,905,273	1,267,853	1,715,038	427,889	75,510	34,176	632	-
Secondary NCP	SNCP12	33,259,451	4,549,409	10,912,255	10,554,829	1,211,675	4,263,992	-	1,245,879	-	415,024	73,239	33,149	-	-



**Sheet 01 Revenue to Cost Summary Worksheet -**

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

Rate Base Assets		Total	1	2	3	4	5	6	7	8	9	10	11	12	13
crv			UR	R1	R2	Seasonal	G5e	Gd	Ug	Udd	St Lgt	Sen Lgt	USL	Dgn	ST
	Distribution Revenue at Existing Rates	\$1,158,859,444	\$83,156,008	\$277,254,007	\$415,341,640	\$7,862,407	\$128,646,005	\$100,839,400	\$124,347,186	\$21,864,008	\$9,087,119	\$2,716,654	\$2,978,264	\$1,748,119	\$2,996,402
	Miscellaneous Revenue (im)	\$47,833,750	\$4,231,535	\$11,974,293	\$15,740,401	\$1,027,588	\$4,362,402	\$2,400,876	\$6,161,960	\$309,579	\$10,107,310	\$1,638,981	\$91,809	\$88,122	\$965,465
	Miscellaneous Revenue Input equals Output	\$1,206,693,194	\$87,388,443	\$289,228,301	\$431,082,041	\$7,959,994	\$133,008,995	\$103,240,366	\$129,509,146	\$22,254,088	\$9,397,419	\$6,355,635	\$3,070,072	\$1,836,241	\$3,001,867
	Total Revenue at Existing Rates	\$1,197	\$1,197	\$1,197	\$1,197	\$1,197	\$1,197	\$1,197	\$1,197	\$1,197	\$1,197	\$1,197	\$1,197	\$1,197	\$1,197
	Factor required to recover deficiency (1 + D)	\$1,247,161,226	\$98,099,848	\$327,075,398	\$489,976,761	\$8,078,956	\$151,764,262	\$118,969,915	\$144,585,922	\$25,782,872	\$10,726,271	\$3,204,823	\$3,573,448	\$2,062,249	\$3,366,827
	Distribution Revenue at Status Quo Rates	\$1,158,859,444	\$83,156,008	\$277,254,007	\$415,341,640	\$7,862,407	\$128,646,005	\$100,839,400	\$124,347,186	\$21,864,008	\$9,087,119	\$2,716,654	\$2,978,264	\$1,748,119	\$2,996,402
	Miscellaneous Revenue (im)	\$47,833,750	\$4,231,535	\$11,974,293	\$15,740,401	\$1,027,588	\$4,362,402	\$2,400,876	\$6,161,960	\$309,579	\$10,107,310	\$1,638,981	\$91,809	\$88,122	\$965,465
	Total Revenue at Status Quo Rates	\$1,214,693,276	\$92,331,263	\$319,449,659	\$505,771,161	\$99,096,651	\$156,126,304	\$121,960,871	\$150,777,892	\$26,183,952	\$11,639,371	\$6,494,896	\$3,095,254	\$2,156,371	\$3,252,092
	Excesses	\$26,834,082	\$10,000,000	\$40,221,352	\$45,420,000	\$8,036,057	\$27,460,300	\$21,400,516	\$21,268,746	\$3,929,864	\$1,541,952	\$4,139,261	\$1,119,000	\$88,122	\$250,230
	Distribution Costs (id)	\$269,743,275	\$12,705,752	\$56,090,570	\$129,558,548	\$22,446,870	\$330,794,098	\$244,118,728	\$348,269,269	\$4,862,812	\$3,328,349	\$1,705,479	\$670,940	\$85,560	\$9,908,500
	Capital Related Costs (cu)	\$115,547,444	\$10,074,842	\$37,074,842	\$53,034,120	\$1,078,956	\$17,039,098	\$12,813,361	\$17,039,098	\$2,813,361	\$1,078,956	\$473,872	\$1,418,101	\$168,954	\$2,467,864
	General and Administration (ad)	\$138,263,922	\$9,248,605	\$29,636,153	\$52,704,366	\$9,921,210	\$14,502,313	\$9,991,927	\$19,796,796	\$2,109,243	\$1,343,652	\$706,774	\$380,692	\$895,365	\$4,636,624
	Depreciation and Amortization (dep)	\$355,415,643	\$18,281,971	\$65,961,807	\$137,680,072	\$24,234,201	\$39,147,103	\$38,409,429	\$58,460,126	\$2,813,361	\$1,078,956	\$1,698,488	\$258,510	\$212,803	\$2,186,434
	PIs (INPUT)	\$125,828	\$2,423,661	\$9,466,643	\$20,959,574	\$3,526,453	\$5,736,941	\$5,767,660	\$9,797,278	\$1,396,835	\$440,055	\$252,246	\$88,783	\$36,154	\$1,860,545
	Interest	\$188,170,623	\$8,694,752	\$33,922,023	\$75,104,841	\$12,646,407	\$20,557,292	\$20,631,534	\$38,856,962	\$4,288,643	\$1,609,108	\$771,294	\$310,870	\$129,550	\$6,686,626
	Total Expenses	\$1,148,653,225	\$87,566,028	\$320,152,119	\$446,417,521	\$88,644,091	\$153,776,845	\$102,783,158	\$173,413,334	\$21,544,087	\$10,339,128	\$5,567,453	\$2,493,897	\$2,128,366	\$3,026,893
	Direct Allocation	\$10,749,789	\$0	\$0	\$0	\$0	\$374,744	\$2,439,673	\$93,973	\$738,683	\$0	\$1,095,658	\$0	\$3,245,326	\$2,761,732
	Allocated Net Income (NI)	\$254,531,952	\$11,747,952	\$45,885,228	\$101,591,960	\$17,092,871	\$2,807,203	\$2,807,628	\$3,864,442	\$85,101,113	\$2,176,590	\$1,043,305	\$420,639	\$175,238	\$9,018,142
	Revenue Requirement (includes NI)	\$1,414,935,276	\$79,313,630	\$276,037,347	\$548,000,481	\$97,738,968	\$151,958,792	\$133,130,461	\$21,371,749	\$28,084,764	\$12,515,616	\$7,706,116	\$2,914,635	\$5,548,950	\$50,906,767
	Revenue Requirement Input equals Output	\$1,414,935,276	\$79,313,630	\$276,037,347	\$548,000,481	\$97,738,968	\$151,958,792	\$133,130,461	\$21,371,749	\$28,084,764	\$12,515,616	\$7,706,116	\$2,914,635	\$5,548,950	\$50,906,767
	Rate Base Calculation														
	Net Assets	\$99,229,443	\$448,899,962	\$301,330,805	\$509,920,310	\$654,902,310	\$1,024,267,159	\$1,022,812,342	\$1,402,717,824	\$212,510,585	\$81,298,175	\$3,892,482	\$1,063,377	\$6,837,784	\$343,495,002
	Distribution Plant - Gross	\$99,229,443	\$448,899,962	\$301,330,805	\$509,920,310	\$654,902,310	\$1,024,267,159	\$1,022,812,342	\$1,402,717,824	\$212,510,585	\$81,298,175	\$3,892,482	\$1,063,377	\$6,837,784	\$343,495,002
	General Plant - Gross	\$99,229,443	\$448,899,962	\$301,330,805	\$509,920,310	\$654,902,310	\$1,024,267,159	\$1,022,812,342	\$1,402,717,824	\$212,510,585	\$81,298,175	\$3,892,482	\$1,063,377	\$6,837,784	\$343,495,002
	Accumulated Depreciation	(\$3,831,191,010)	(\$172,866,588)	(\$672,642,010)	(\$1,468,763,496)	(\$2,422,559,312)	(\$3,797,471,197)	(\$3,689,585,419)	(\$5,701,618,16)	(\$76,685,332)	(\$3,238,755)	(\$20,208,576)	(\$5,717,266)	(\$2,423,623)	(\$1,351,132,750)
	Total Net Plant	\$6,118,253,276	\$282,404,374	\$1,019,222,687	\$1,439,689,429	\$1,410,766,467	\$667,047,646	\$669,366,927	\$925,729,658	\$139,246,717	\$52,259,577	\$32,508,239	\$10,632,152	\$4,227,197	\$216,279,878
	Directly Allocated Net Fixed Assets	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	COP	\$2,816,196,330	\$236,076,255	\$596,000,632	\$581,957,784	\$55,923,000	\$258,905,624	\$283,584,558	\$17,256,480	\$125,942,435	\$14,569,217	\$2,571,038	\$2,837,785	\$2,489,360	\$584,082,184
	OM&A Expenses	\$37,975,635	\$12,801,665	\$26,127,034	\$50,247,036	\$58,335,509	\$37,924,316	\$7,919,028	\$7,878,966	\$5,466,976	\$2,886,126	\$1,569,734	\$1,569,734	\$1,569,734	\$18,302,988
	Directly Allocated Expenses	\$0	\$0	\$0	\$0	\$0	\$374,744	\$2,439,673	\$93,973	\$738,683	\$0	\$1,095,658	\$0	\$3,245,326	\$2,761,732
	Subtotal	\$3,180,359,569	\$274,951,308	\$716,802,296	\$794,654,816	\$96,170,936	\$371,615,877	\$323,348,547	\$79,269,261	\$134,560,830	\$20,636,193	\$6,552,822	\$4,407,519	\$7,234,965	\$605,146,646
	Working Capital	\$256,359,569	\$20,762,668	\$54,358,549	\$60,262,479	\$7,293,034	\$24,086,332	\$24,566,669	\$6,661,134	\$10,204,331	\$1,519,440	\$496,932	\$334,243	\$552,423	\$45,091,161
	Total Rate Base	\$6,374,672,133	\$302,623,606	\$1,156,286,616	\$1,499,951,908	\$1,499,951,908	\$1,091,133,798	\$994,432,926	\$99,617,113	\$149,451,458	\$19,805,171	\$10,637,565	\$14,637,565	\$17,749,621	\$262,170,001
	Rate Base Input Does Not Equal Output	\$2,548,888,233	\$121,129,202	\$462,512,247	\$999,980,763	\$1,677,223,800	\$276,453,591	\$277,773,170	\$39,486,485	\$59,780,419	\$21,511,607	\$13,202,068	\$4,175,026	\$1,911,848	\$104,868,345
	Equity Component of Rate Base	\$2,548,888,233	\$121,129,202	\$462,512,247	\$999,980,763	\$1,677,223,800	\$276,453,591	\$277,773,170	\$39,486,485	\$59,780,419	\$21,511,607	\$13,202,068	\$4,175,026	\$1,911,848	\$104,868,345
	Net Income on Allocated Assets	\$254,531,952	\$34,965,345	\$108,897,541	\$59,299,641	\$8,362,554	\$31,974,714	\$16,137,958	(\$32,329,425)	\$3,899,901	\$100,995	\$1,111,257	(\$3,223,341)	(\$5,436,533)	(\$19,444,803)
	Net Income on Direct Allocation Assets	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Net Income	\$254,531,952	\$34,965,345	\$108,897,541	\$59,299,641	\$8,362,554	\$31,974,714	\$16,137,958	(\$32,329,425)	\$3,899,901	\$100,995	\$1,111,257	(\$3,223,341)	(\$5,436,533)	(\$19,444,803)
	RATIOS ANALYSIS														
	REVENUE TO EXPENSES STATUS QUO%	100.00%	1.29	1.23	0.92	0.91	1.63	0.91	0.71	0.93	0.88	0.89	1.24	0.39	0.72
	EXISTING REVENUE MINUS ALLOCATED COSTS	(\$208,242,082)	\$8,274,813	\$13,190,954	(\$116,927,435)	(\$21,626,973)	(\$18,949,796)	(\$29,860,095)	(\$8,412,603)	(\$5,830,095)	(\$3,118,198)	(\$1,350,481)	\$155,436	(\$3,712,709)	(\$19,444,803)
	STATUS QUO REVENUE MINUS ALLOCATED COSTS	\$0	\$23,217,673	\$63,012,312	(\$42,292,319)	(\$70,330,731)	\$4,167,511	(\$11,769,870)	(\$193,186,67)	(\$10,212)	(\$1,485,245)	(\$862,310)	\$690,618	(\$3,398,579)	(\$14,454,875)
	RETURN ON EQUITY COMPONENT OF RATE BASE	9.98%	28.87%	23.54%	5.83%	5.00%	11.57%	5.81%	-5.80%	6.52%	3.21%	3.37%	26.62%	-168.60%	-1.86%
	Total Gross Plant including USoAs 1600s, 1700s and 2040	\$10,848,794,412													
	Total Accumulated Depreciation including USoAs 1600s, 1700s and 2040	(\$3,802,881,036)													
	Total Net Plant Contributions	(\$748,026,957)													
	Total Capital Expenditures	\$6,296,966,424													
	Working Capital	\$256,359,569													
	Total Rate Base	\$6,553,345,993													
	Rate Base Input Equals Output	\$6,553,345,993													
	Rate Base Input Data Sheet														
	Rate Base Input Equals Output														



## 2015 Cost Allocation Model

**EB-2013-0416**

**Sheet 02 Monthly Fixed Charge Min. & Max. Worksheet -**

Output sheet showing minimum and maximum level for  
Monthly Fixed Charge

### Summary

Customer Unit Cost per month - Avoided Cost

Customer Unit Cost per month - Directly Related

Customer Unit Cost per month - Minimum System  
with PLCC Adjustment

Existing Approved Fixed Charge

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
\$7.91	\$7.68	\$8.47	\$7.52	\$16.58	\$58.63	\$19.63	\$65.92	\$3.00	\$1.78	\$7.08	\$89.19	\$321.19
\$10.02	\$9.83	\$10.95	\$9.37	\$20.82	\$75.41	\$24.19	\$82.35	\$4.02	\$2.42	\$9.34	\$147.88	\$427.62
\$20.45	\$28.16	\$50.46	\$51.66	\$30.08	\$83.96	\$23.15	\$85.01	\$23.62	\$15.87	\$39.41	\$168.02	\$618.19
\$12.72	\$20.15	\$57.61	\$19.71	\$35.92	\$52.27	\$10.20	\$28.71	\$1.47	\$1.50	\$29.69	\$38.13	\$583.21

**EB-2013-0416**  
**Sheet I6.1 Revenue Worksheet -**

Miscellaneous Revenue (RRWF 5. cell F48)	48,826,830
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			1	2	3	4	5	6	7	8	9	10	11	12	13
	ID	Total	UR	R1	R2	Seasonal	GSe	GSd	UGe	UGd	St Lgt	Sen Lgt	USL	Dgen	ST
Billing Data															
Forecast kWh	CEN	35,674,072,033	2,016,183,097	5,108,854,783	4,923,248,614	471,244,703	2,206,447,679	2,438,092,291	609,041,231	1,077,211,367	124,955,158	22,050,910	24,648,223	22,988,381	16,629,105,596
Forecast kW	CDEM	42,495,980	-	-	-	-	-	8,493,971	-	3,045,878	-	-	-	232,370	30,723,761
Forecast kW, included in CDEM, of customers receiving line transformer allowance		1,929,209	-	-	-	-	-	1,275,048	-	458,558	-	-	-	195,603	-
Optional - Forecast kWh, included in CEN, from customers that receive a line transformation allowance on a kWh basis. In most cases this will not be applicable and will be left blank.		-	-	-	-	-	-	-	-	-	-	-	-	-	-
KWh excluding KWh from Wholesale Market Participants	CEN EWMP	24,020,162,340	2,016,183,097	5,108,854,783	4,923,248,614	471,244,703	2,206,447,679	2,438,092,291	609,041,231	1,077,211,367	124,955,158	22,050,910	24,648,223	22,988,381	4,975,195,903
Existing Monthly Charge			\$20.45	\$28.16	\$67.96	\$26.57	\$30.08	\$83.96	\$23.15	\$85.01	\$4.02	\$2.42	\$39.41	\$168.02	\$859.52
Existing Distribution kWh Rate			\$0.0176	\$0.0311	\$0.0457	\$0.0905	\$0.0538		\$0.0240		\$0.0907	\$0.1149	\$0.0307		
Existing Distribution kW Rate								\$13.7208		\$7.8589				\$3.2651	\$1.2493
Existing TFOA Rate															
Additional Charges															
Distribution Revenue from Rates		\$1,374,685,991	\$87,433,722	\$308,878,686	\$500,387,609	\$88,620,659	\$152,560,765	\$122,786,806	\$19,563,934	\$25,882,304	\$11,571,108	\$3,400,215	\$3,447,993	\$3,357,271	\$46,794,920
Transformer Ownership Allowance		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Net Class Revenue	CREV	\$1,374,685,991	\$87,433,722	\$308,878,686	\$500,387,609	\$88,620,659	\$152,560,765	\$122,786,806	\$19,563,934	\$25,882,304	\$11,571,108	\$3,400,215	\$3,447,993	\$3,357,271	\$46,794,920



## 2016 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	\$18,833,333	\$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	14,442,958	2,540,288	5,326,467	4,052,312	576,753	1,125,461	74,354	213,691	22,880	59,123	358,085	68,290	15,466	9,788	
Number of Devices																
Number of Connections (Unmetered)	CCON	41,120	-	-	-	-	-	-	-	-	20,509	14,920	5,691	-	-	
Total Number of Customers	CCA	1,300,367	211,691	443,872	337,693	144,188	93,788	6,196	17,808	1,907	20,509	14,920	5,691	1,289	816	
Bulk Customer Base	CCB	1,300,367	211,691	443,872	337,693	144,188	93,788	6,196	17,808	1,907	20,509	14,920	5,691	1,289	816	
Primary Customer Base	CCP	1,298,925	211,691	443,872	337,693	144,188	93,788	6,196	17,808	1,907	20,509	14,920	5,691	587	75	
Line Transformer Customer Base	CCLT	1,298,850	211,691	443,872	337,693	144,188	93,788	6,196	17,808	1,907	20,509	14,920	5,691	587	-	
Secondary Customer Base	CCS	1,290,160	211,691	443,872	337,693	144,188	93,788	-	17,808	-	20,509	14,920	5,691	-	-	
Weighted - Services	CWCS	1,089,477	105,845	332,904	506,539	144,188	-	-	-	-	-	-	-	-	-	
Weighted Meter Capital	CWMC	272,267,939	31,753,606	66,580,834	59,096,222	25,232,961	33,763,843	8,984,398	8,458,598	2,764,701	-	-	-	2,190,984	33,441,791	
Weighted Meter Reading	CWMR	231,669	4,822	21,432	101,265	32,865	39,465	22,883	3,244	5,694	-	-	-	-	-	
Weighted Bills	CWNB	16,495,555	2,540,288	5,326,467	4,052,312	576,753	2,250,923	520,475	427,382	160,162	118,246	7,162	136,579	231,987	146,818	

**Bad Debt Data**

Historic Year:	2010	18,600,000	2,135,698	6,402,146	5,228,951	439,515	1,428,325	992,491	267,662	89,762	163	333,611	145	364	1,281,167
Historic Year:	2011	19,100,000	2,448,536	6,260,315	5,031,459	602,476	1,232,416	1,397,055	165,705	60,194	1,336	30,593	44	-	1,869,873
Historic Year:	2012	18,800,000	2,294,885	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



# 2016 Cost Allocation Model

EB-2013-0416

## Sheet IS Demand Data Worksheet -

This is an input sheet for demand allocators.

CP TEST RESULTS	12 CP
NCP TEST RESULTS	4 NCP

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

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

Customer Classes		Total	1 UR	2 R1	3 R2	4 Seasonal	5 GSe	6 GSd	7 UGe	8 UGd	9 St Lgt	10 Sen Lgt	11 USL	12 Dgen	13 ST
<b>CO-INCIDENT PEAK</b>															
<b>1 CP</b>															
Transformation CP	TCP1	6,582,449	414,915	1,150,072	1,170,848	137,592	328,337	377,503	100,223	141,256	33,315	5,879	3,071	3,534	2,715,903
Bulk Delivery CP	BCP1	6,371,753	401,569	1,113,732	1,134,822	133,355	318,151	365,406	97,029	136,682	32,278	5,696	2,975	3,418	2,626,640
Total Sytem CP	DCP1	6,582,449	414,915	1,150,072	1,170,848	137,592	328,337	377,503	100,223	141,256	33,315	5,879	3,071	3,534	2,715,903
<b>4 CP</b>															
Transformation CP	TCP4	25,206,361	1,729,839	4,470,179	4,428,713	453,431	1,394,546	1,388,734	383,886	563,981	89,908	15,866	12,334	12,324	10,262,621
Bulk Delivery CP	BCP4	24,399,595	1,674,196	4,328,928	4,292,445	439,467	1,351,284	1,344,231	371,654	545,718	87,108	15,372	11,950	11,919	9,925,322
Total Sytem CP	DCP4	25,206,361	1,729,839	4,470,179	4,428,713	453,431	1,394,546	1,388,734	383,886	563,981	89,908	15,866	12,334	12,324	10,262,621
<b>12 CP</b>															
Transformation CP	TCP12	68,232,399	4,563,935	11,459,783	11,400,092	1,029,448	3,884,294	3,960,049	1,057,014	1,692,990	198,389	35,010	36,835	35,017	28,879,544
Bulk Delivery CP	BCP12	66,046,365	4,417,129	11,097,671	11,049,320	997,744	3,763,796	3,833,148	1,023,333	1,638,169	192,212	33,920	35,688	33,868	27,930,367
Total Sytem CP	DCP12	68,232,399	4,563,935	11,459,783	11,400,092	1,029,448	3,884,294	3,960,049	1,057,014	1,692,990	198,389	35,010	36,835	35,017	28,879,544
<b>NON CO INCIDENT PEAK</b>															
<b>1 NCP</b>															
Classification NCP from															
Load Data Provider	DNCP1	7,110,869	453,901	1,203,553	1,221,519	163,957	442,591	436,935	126,204	203,319	50,561	8,923	3,113	4,073	2,792,220
Primary NCP	PNCP1	4,163,182	434,811	1,143,415	1,147,397	154,068	417,206	411,814	120,366	193,638	47,736	8,424	2,939	393	80,975
Line Transformer NCP	LTNCP1	3,990,906	434,811	1,143,415	1,147,397	154,068	417,206	349,996	120,366	164,485	47,736	8,424	2,939	62	-
Secondary NCP	SNCP1	3,381,352	429,424	1,118,544	1,105,447	148,512	403,824	-	118,279	-	46,301	8,171	2,850	-	-
<b>4 NCP</b>															
Classification NCP from															
Load Data Provider	DNCP4	27,352,984	1,769,913	4,587,821	4,660,754	598,342	1,692,337	1,732,806	482,984	764,396	193,481	34,144	12,400	15,925	10,807,681
Primary NCP	PNCP4	15,952,914	1,695,475	4,358,580	4,377,938	562,254	1,595,271	1,633,182	460,640	727,996	182,673	32,236	11,708	1,536	313,424
Line Transformer NCP	LTNCP4	15,283,437	1,695,475	4,358,580	4,377,938	562,254	1,595,271	1,388,021	460,640	618,396	182,673	32,236	11,708	243	-
Secondary NCP	SNCP4	12,914,659	1,674,468	4,263,774	4,217,877	541,977	1,544,103	-	452,656	-	177,181	31,267	11,356	-	-
<b>12 NCP</b>															
Classification NCP from															
Load Data Provider	DNCP12	73,195,275	4,826,713	11,825,162	11,595,951	1,318,195	4,681,913	4,939,963	1,334,263	2,132,676	457,130	80,670	36,983	45,052	29,920,604
Primary NCP	PNCP12	41,776,707	4,623,715	11,234,292	10,892,306	1,238,690	4,413,378	4,655,950	1,272,536	2,031,120	431,594	76,164	34,917	4,346	867,700
Line Transformer NCP	LTNCP12	39,900,649	4,623,715	11,234,292	10,892,306	1,238,690	4,413,378	3,957,035	1,272,536	1,725,335	431,594	76,164	34,917	688	-
Secondary NCP	SNCP12	33,293,103	4,566,427	10,989,928	10,494,074	1,194,017	4,271,819	-	1,250,480	-	418,617	73,874	33,867	-	-

**Sheet 01 Revenue to Cost Summary Worksheet -**

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

[illegible]



## 2016 Cost Allocation Model

**EB-2013-0416**

**Sheet 02 Monthly Fixed Charge Min. & Max. Worksheet -**

Output sheet showing minimum and maximum level for  
Monthly Fixed Charge

### Summary

Customer Unit Cost per month - Avoided Cost

Customer Unit Cost per month - Directly Related

Customer Unit Cost per month - Minimum System  
with PLCC Adjustment

Existing Approved Fixed Charge

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
\$7.75	\$7.51	\$8.26	\$7.37	\$16.20	\$56.68	\$19.20	\$64.33	\$2.98	\$1.77	\$6.99	\$87.33	\$316.11
\$9.70	\$9.49	\$10.54	\$9.07	\$20.10	\$71.98	\$23.40	\$79.30	\$3.92	\$2.37	\$9.08	\$139.37	\$413.42
\$20.83	\$29.12	\$53.36	\$54.87	\$30.09	\$81.19	\$22.21	\$84.53	\$25.22	\$18.14	\$41.80	\$160.37	\$636.05
\$20.45	\$28.16	\$67.96	\$26.57	\$30.08	\$83.96	\$23.15	\$85.01	\$4.02	\$2.42	\$39.41	\$168.02	\$859.52

**EB-2013-0416**  
**Sheet I6.1 Revenue Worksheet -**

Miscellaneous Revenue (RRWF 5. cell F48)	49,837,856
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[illegible]





## 2017 Cost Allocation Model

**EB-2013-0416**

**Sheet 16.2 Customer Data Worksheet -**

		1	2	3	4	5	6	7	8	9	10	11	12	13		
		ID	Total	UR	R1	R2	Seasonal	GSe	GSd	UGe	UGd	St Lgt	Sen Lgt	USL	Dgen	ST
Billing Data																
Bad Debt 3 Year Historical Average	BDHA	\$18,833,333	\$2,293,039	\$6,304,210	\$5,606,188	\$521,010	\$1,400,549	\$1,173,872	\$248,515	\$75,122	\$2,423	\$141,368	\$184	\$200	\$1,066,653	
Late Payment 3 Year Historical Average	LPHA	\$12,486,523	1,330,607	3,877,231	4,383,248	713,763	1,137,824	622,415	148,082	47,362	20,748	24,678	43	3,751	176,770	
Number of Bills	CNB	14,581,271	2,567,014	5,396,135	4,085,013	578,926	1,128,973	75,378	214,212	22,952	59,675	356,054	68,802	18,276	9,861	
Number of Devices																
Number of Connections (Unmetered)	CCON	41,270	-	-	-	-	-	-	-	-	20,700	14,836	5,734	-	-	
Total Number of Customers	CCA	1,312,485	213,918	449,678	340,418	144,731	94,081	6,282	17,851	1,913	20,700	14,836	5,734	1,523	822	
Bulk Customer Base	CCB	1,312,485	213,918	449,678	340,418	144,731	94,081	6,282	17,851	1,913	20,700	14,836	5,734	1,523	822	
Primary Customer Base	CCP	1,310,910	213,918	449,678	340,418	144,731	94,081	6,282	17,851	1,913	20,700	14,836	5,734	694	75	
Line Transformer Customer Base	CCLT	1,310,835	213,918	449,678	340,418	144,731	94,081	6,282	17,851	1,913	20,700	14,836	5,734	694	-	
Secondary Customer Base	CCS	1,301,947	213,918	449,678	340,418	144,731	94,081	-	17,851	-	20,700	14,836	5,734	-	-	
Weighted - Services	CWCS	1,099,575	106,959	337,258	510,627	144,731	-	-	-	-	-	-	-	-	-	
Weighted Meter - Capital	CWMC	274,950,238	32,087,680	67,451,686	59,573,109	25,327,997	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	16,687,891	2,567,014	5,396,135	4,085,013	578,926	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.

<b>CP TEST RESULTS</b>	<b>12 CP</b>
<b>NCP TEST RESULTS</b>	<b>4 NCP</b>
<b>Co-incident Peak</b>	<b>Indicator</b>
1 CP	CP 1
4 CP	CP 4
12 CP	CP 12
<b>Non-co-incident Peak</b>	<b>Indicator</b>
1 NCP	NCP 1
4 NCP	NCP 4
12 NCP	NCP 12

Customer Classes		Total	1 UR	2 R1	3 R2	4 Seasonal	5 GSe	6 GSd	7 UGe	8 UGd	9 St Lgt	10 Sen Lgt	11 USL	12 Dgen	13 ST
<b>CO-INCIDENT PEAK</b>															
<b>1 CP</b>															
Transformation CP	TCP1	6,648,610	420,540	1,169,445	1,176,450	138,710	330,470	383,480	101,156	142,925	33,436	5,901	3,165	3,687	2,739,244
Bulk Delivery CP	BCP1	6,435,793	407,013	1,132,492	1,140,252	134,439	320,218	371,192	97,933	138,297	32,395	5,717	3,067	3,567	2,649,214
Total Sytem CP	DCP1	6,648,610	420,540	1,169,445	1,176,450	138,710	330,470	383,480	101,156	142,925	33,436	5,901	3,165	3,687	2,739,244
<b>4 CP</b>															
Transformation CP	TCP4	24,943,941	1,679,310	4,397,087	4,296,387	449,342	1,382,278	1,387,517	380,461	566,112	90,233	15,924	12,678	12,670	10,273,942
Bulk Delivery CP	BCP4	24,145,361	1,625,292	4,258,145	4,164,191	435,504	1,339,397	1,343,054	368,338	547,780	87,424	15,428	12,283	12,255	9,936,271
Total Sytem CP	DCP4	24,943,941	1,679,310	4,397,087	4,296,387	449,342	1,382,278	1,387,517	380,461	566,112	90,233	15,924	12,678	12,670	10,273,942
<b>12 CP</b>															
Transformation CP	TCP12	68,435,577	4,539,730	11,463,833	11,167,478	1,055,132	4,000,167	4,054,640	1,093,303	1,730,848	181,060	31,952	37,825	34,541	29,045,068
Bulk Delivery CP	BCP12	66,242,731	4,393,703	11,101,593	10,823,864	1,022,637	3,876,074	3,924,708	1,058,465	1,674,802	175,422	30,957	36,647	33,409	28,090,451
Total Sytem CP	DCP12	68,435,577	4,539,730	11,463,833	11,167,478	1,055,132	4,000,167	4,054,640	1,093,303	1,730,848	181,060	31,952	37,825	34,541	29,045,068
<b>NON CO INCIDENT PEAK</b>															
<b>1 NCP</b>															
Classification NCP from Load Data Provider															
DNCP1		7,182,336	460,054	1,223,827	1,227,364	165,289	445,502	443,854	127,379	205,722	50,744	8,955	3,197	4,249	2,816,200
Primary NCP	PNCP1	4,208,748	440,705	1,162,675	1,152,887	155,320	419,950	418,335	121,486	195,926	47,909	8,455	3,018	410	81,670
Line Transformer NCP	LTNCP1	4,034,439	440,705	1,162,675	1,152,887	155,320	419,950	355,538	121,486	166,429	47,909	8,455	3,018	65	-
Secondary NCP	SNCP1	3,416,544	435,245	1,137,385	1,110,737	149,719	406,480	-	119,381	-	46,469	8,200	2,927	-	-
<b>4 NCP</b>															
Classification NCP from Load Data Provider															
DNCP4		27,432,869	1,782,564	4,600,838	4,575,960	594,688	1,699,534	1,760,243	487,509	773,196	194,182	34,267	12,738	16,656	10,900,494
Primary NCP	PNCP4	15,943,517	1,707,594	4,370,947	4,298,289	558,820	1,602,055	1,659,041	464,956	736,377	183,335	32,353	12,026	1,607	316,115
Line Transformer NCP	LTNCP4	15,266,146	1,707,594	4,370,947	4,298,289	558,820	1,602,055	1,409,999	464,956	625,516	183,335	32,353	12,026	254	-
Secondary NCP	SNCP4	12,870,550	1,686,437	4,275,872	4,141,140	538,667	1,550,669	-	456,897	-	177,823	31,380	11,665	-	-
<b>12 NCP</b>															
Classification NCP from Load Data Provider															
DNCP12		73,936,366	4,946,212	12,066,023	11,581,121	1,326,721	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	42,222,872	4,738,188	11,463,117	10,878,375	1,246,702	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	40,327,547	4,738,188	11,463,117	10,878,375	1,246,702	4,429,477	4,006,082	1,280,414	1,738,643	433,488	76,498	35,844	718	-
Secondary NCP	SNCP12	33,650,691	4,679,481	11,213,776	10,480,653	1,201,740	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	Total	1	2	3	4	5	6	7	8	9	10	11	12	13
Assets	UR	R1	R2	Seasonal	GSe	GSd	UGe	UGd	SLgt	Sen Lgt	USL	Dgem	ST	
crev	Distribution Revenue at Existing Rates	\$1,484,752,967	\$91,070,612	\$237,844,390	\$544,377,743	\$55,694,789	\$164,120,048	\$136,272,499	\$23,945,887	\$29,499,528	\$12,624,129	\$3,855,883	\$3,483,524	\$4,965,742
mi	Miscellaneous Revenue (mi)	\$49,837,856	\$4,389,512	\$12,556,087	\$16,427,030	\$19,646,442	\$4,527,443	\$2,542,493	\$628,679	\$405,053	\$320,026	\$92,349	\$117,489	\$983,008
	Miscellaneous Revenue Input equals Output	\$1,534,590,823	\$95,460,124	\$250,400,477	\$560,804,773	\$75,341,231	\$168,647,491	\$138,814,992	\$24,374,565	\$29,904,581	\$12,944,155	\$4,058,129	\$3,757,872	\$5,073,231
	Factor required to recover deficiency (1 + D)	1.0322												
	Distribution Revenue at Status Quo Rates	\$1,628,167,136	\$103,733,516	\$337,430,558	\$566,295,345	\$89,492,204	\$168,018,918	\$140,207,106	\$21,558,344	\$29,332,284	\$12,932,258	\$3,868,628	\$3,685,382	\$5,100,548
	Miscellaneous Revenue (mi)	\$49,837,856	\$4,389,512	\$12,556,087	\$16,427,030	\$19,646,442	\$4,527,443	\$2,542,493	\$628,679	\$405,053	\$320,026	\$92,349	\$117,489	\$983,008
	Total Revenue at Status Quo Rates	\$1,678,004,993	\$108,123,029	\$349,986,645	\$576,722,375	\$101,639,346	\$173,446,361	\$142,749,599	\$22,187,023	\$29,737,337	\$13,252,284	\$3,981,077	\$3,802,871	\$5,983,556
	Expenses													
di	Distribution Costs (di)	\$344,026,379	\$14,763,741	\$65,406,016	\$146,987,544	\$25,867,455	\$35,437,019	\$28,093,212	\$4,011,181	\$5,609,549	\$3,830,093	\$1,924,050	\$781,239	\$126,592
cu	Capital Related Costs (cu)	\$115,946,792	\$16,127,847	\$35,362,116	\$30,371,003	\$7,652,915	\$12,947,517	\$3,784,296	\$2,448,492	\$899,632	\$813,808	\$483,938	\$526,862	\$986,536
ad	General and Administration (ad)	\$142,696,532	\$9,267,451	\$30,533,710	\$54,401,018	\$10,265,395	\$14,929,689	\$1,053,596	\$2,005,242	\$2,199,013	\$1,410,134	\$721,264	\$390,350	\$1,045,954
de	Depreciation and Amortization (de)	\$396,156,681	\$19,591,754	\$72,287,408	\$148,186,437	\$23,589,217	\$43,510,927	\$45,120,808	\$8,493,657	\$9,497,541	\$3,123,144	\$1,770,574	\$577,399	\$686,462
inp	PL	\$43,035,292	\$2,895,297	\$11,385,182	\$24,686,486	\$4,118,144	\$6,975,233	\$7,338,367	\$987,293	\$1,509,251	\$545,821	\$252,858	\$165,556	\$2,273,881
int	Interest	\$218,583,741	\$9,831,806	\$38,410,424	\$85,638,689	\$14,289,265	\$24,167,636	\$25,446,856	\$3,354,226	\$5,233,686	\$1,852,715	\$876,820	\$368,032	\$1,779,562
	Total Expenses	\$1,274,436,237	\$72,417,696	\$454,364,656	\$486,251,196	\$87,973,352	\$137,988,232	\$126,967,132	\$19,271,092	\$24,846,712	\$11,615,834	\$6,009,502	\$2,747,379	\$2,876,889
	Direct Allocation	\$11,305,605	\$0	\$0	\$0	\$0	\$337,826	\$2,446,240	\$84,592	\$665,848	\$0	\$1,139,923	\$0	\$4,320,182
	Allocated Net Income (NI)	\$292,260,151	\$13,145,741	\$52,694,205	\$114,504,302	\$19,093,608	\$32,340,385	\$34,024,040	\$4,484,811	\$6,997,705	\$2,530,678	\$1,172,364	\$489,408	\$240,086
	Revenue Requirement (includes NI)	\$1,578,004,993	\$85,563,637	\$307,059,061	\$604,755,498	\$107,067,000	\$170,666,442	\$156,631,411	\$23,840,495	\$32,612,325	\$14,146,512	\$8,321,789	\$3,236,787	\$7,537,157
	Revenue Requirement Input equals Output													
	Rate Base Calculation													
	Net Assets													
dp	Distribution Plant - Gross	\$10,592,184,884	\$492,401,285	\$1,946,213,834	\$4,168,290,299	\$709,464,937	\$1,144,891,542	\$1,188,244,957	\$158,599,812	\$244,555,594	\$89,717,272	\$41,553,247	\$17,352,692	\$10,058,861
gp	General Plant - Gross	\$1,064,486,630	\$47,302,339	\$190,222,094	\$14,168,290,299	\$709,464,937	\$1,144,891,542	\$1,188,244,957	\$158,599,812	\$244,555,594	\$89,717,272	\$41,553,247	\$17,352,692	\$10,058,861
accu	Accumulated Depreciation	\$4,111,983,183	\$119,804,691	\$771,545,638	\$1,144,891,542	\$709,464,937	\$1,144,891,542	\$1,188,244,957	\$158,599,812	\$244,555,594	\$89,717,272	\$41,553,247	\$17,352,692	\$10,058,861
co	Capital Contribution	\$748,839,901	\$34,547,434	\$149,448,042	\$2,600,429,141	\$443,995,318	\$750,634,556	\$750,634,556	\$104,655,758	\$162,494,938	\$58,781,649	\$33,921,816	\$11,372,147	\$5,611,255
	Total Net Plant	\$6,756,458,438	\$205,431,498	\$1,224,438,248	\$2,660,429,141	\$443,995,318	\$750,634,556	\$750,634,556	\$104,655,758	\$162,494,938	\$58,781,649	\$33,921,816	\$11,372,147	\$5,611,255
	Directly Allocated Net Fixed Assets	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Cost of Power (COP)	\$2,853,893,517	\$240,267,494	\$610,767,190	\$581,301,171	\$55,782,161	\$261,088,785	\$290,907,661	\$72,277,726	\$127,918,196	\$14,743,130	\$2,601,729	\$2,872,788	\$2,819,683
	OM&A Expenses	\$602,663,814	\$40,159,039	\$131,201,842	\$231,725,554	\$43,988,788	\$63,314,435	\$42,461,104	\$6,465,916	\$8,708,194	\$6,054,154	\$1,100,250	\$1,688,382	\$2,159,082
	Directly Allocated Expenses	\$1,116,557,331	\$280,426,533	\$742,069,031	\$813,026,725	\$99,769,927	\$324,741,045	\$335,615,004	\$88,828,234	\$137,292,238	\$20,797,283	\$6,850,982	\$4,471,180	\$9,298,947
	Subtotal	\$3,467,862,736	\$280,426,533	\$742,069,031	\$813,026,725	\$99,769,927	\$324,741,045	\$335,615,004	\$88,828,234	\$137,292,238	\$20,797,283	\$6,850,982	\$4,471,180	\$9,298,947
	Working Capital	\$264,004,425	\$21,348,551	\$56,492,867	\$61,895,100	\$7,593,696	\$24,722,164	\$25,549,866	\$6,153,361	\$10,451,901	\$1,583,273	\$521,551	\$355,612	\$707,918
	Total Rate Base	\$7,295,022,273	\$326,780,049	\$1,280,931,115	\$2,722,318,241	\$451,589,014	\$775,356,721	\$815,613,906	\$119,209,066	\$172,946,897	\$69,364,822	\$34,443,368	\$11,727,758	\$6,319,173
	Rate Base Input Does Not Equal Output													
	Equity Component of Rate Base	\$2,823,941,150	\$130,712,020	\$512,372,446	\$1,088,927,297	\$180,635,606	\$310,142,692	\$326,245,563	\$44,083,626	\$69,178,723	\$24,145,929	\$13,777,347	\$4,691,103	\$2,527,669
	Net Income on Allocated Assets	\$292,260,151	\$25,705,132	\$95,621,789	\$86,471,180	\$13,665,954	\$35,120,303	\$20,186,228	\$2,831,339	\$4,123,347	\$1,697,451	\$521,450	\$930,351	\$2,078,934
	Net Income on Direct Allocation Assets	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Net Income	\$292,260,151	\$25,705,132	\$95,621,789	\$86,471,180	\$13,665,954	\$35,120,303	\$20,186,228	\$2,831,339	\$4,123,347	\$1,697,451	\$521,450	\$930,351	\$2,078,934
	RATIOS ANALYSIS													
	REVENUE TO EXPENSES STATUS QUO%	100.00%	1.15	1.14	0.95	0.95	1.02	0.91	0.93	0.91	0.94	0.92	1.14	0.69
	EXISTING REVENUE MINUS ALLOCATED COSTS	(\$43,414,179)	\$9,896,487	\$33,341,416	(\$4,950,275)	(\$8,225,770)	(\$2,019,951)	(\$17,822,419)	(\$2,265,929)	(\$3,707,745)	(\$1,202,356)	(\$763,660)	\$339,085	(\$2,463,926)
	STATUS QUO REVENUE MINUS ALLOCATED COSTS	(\$0)	\$12,559,392	\$42,927,584	(\$28,033,123)	(\$5,427,655)	\$2,779,919	(\$13,637,812)	(\$1,653,471)	(\$2,874,419)	(\$363,227)	(\$650,914)	\$440,944	(\$2,319,020)
	RETURN ON EQUITY COMPONENT OF RATE BASE	10.35%	19.67%	18.66%	7.94%	7.57%	11.32%	6.19%	6.42%	5.96%	7.03%	3.78%	19.83%	-82.25%

Total Gross Plant including USGs 1600s, 1700s and 2040	\$11,988,073,665
Total Accumulated Depreciation including USGs 1600s, 1700s and 2040	(\$4,311,709,644)
Total Capital Contributions	(\$748,839,901)
Total Net Plant	\$6,927,434,119
Working Capital	\$264,004,425
Total Rate Base	\$7,191,438,544
Rate Base from I3 TB Data Sheet	\$7,191,438,544
Rate Base Input Equals Output	



## 2017 Cost Allocation Model

**EB-2013-0416**

**Sheet 02 Monthly Fixed Charge Min. & Max. Worksheet -**

Output sheet showing minimum and maximum level for  
Monthly Fixed Charge

### Summary

Customer Unit Cost per month - Avoided Cost

Customer Unit Cost per month - Directly Related

Customer Unit Cost per month - Minimum System  
with PLCC Adjustment

Existing Approved Fixed Charge

1	2	3	4	5	6	7	8	9	10	11	12	13
UR		R2	Seasonal	GSe	GSd	UGe	UGd	St Lgt	Sen Lgt	USL	Dgen	ST
\$7.66	\$7.41	\$8.11	\$7.23	\$15.95	\$55.23	\$18.88	\$63.21	\$3.00	\$1.77	\$7.09	\$86.48	\$306.88
\$9.58	\$9.37	\$10.36	\$8.89	\$19.79	\$70.21	\$22.99	\$77.87	\$3.96	\$2.37	\$9.21	\$136.98	\$401.00
\$20.82	\$29.22	\$54.40	\$56.01	\$28.77	\$75.94	\$20.77	\$81.88	\$25.70	\$18.86	\$42.91	\$158.10	\$617.06
\$21.02	\$29.44	\$73.24	\$28.45	\$32.32	\$91.53	\$24.76	\$92.91	\$4.39	\$2.78	\$39.52	\$208.09	\$908.16

**EB-2013-0416**  
**Sheet I6.1 Revenue Worksheet -**

Miscellaneous Revenue (RRWF 5. cell F48)	49,048,586
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			1	2	3	4	5	6	7	8	9	10	11	12	13
Billing Data	ID	Total	UR	R1	R2	Seasonal	GSe	GSd	UGe	UGd	St Lgt	Sen Lgt	USL	Dgen	ST
Forecast kWh	CEN	35,942,900.418	2,049,900,221	5,228,175,767	4,912,424,145	472,806,230	2,199,124,798	2,471,784,997	610,815,360	1,081,837,005	125,657,151	22,174,791	25,522,507	24,887,701	16,717,789,744
Forecast kW	CDEM	42,727,326	-	-	-	-	-	8,499,358	-	3,019,175	-	-	-	248,297	30,960,496
Forecast kW, included in CDEM, of customers receiving line transformer allowance		1,939,405	-	-	-	-	-	1,275,857	-	454,537	-	-	-	209,010	-
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	24,239,831.342	2,049,900,221	5,228,175,767	4,912,424,145	472,806,230	2,199,124,798	2,471,784,997	610,815,360	1,081,837,005	125,657,151	22,174,791	25,522,507	24,887,701	5,014,720,668
Existing Monthly Charge		\$20.68	\$29.16	\$75.69	\$29.63	\$33.27	\$98.56	\$26.38	\$100.56	\$4.57	\$3.04	\$39.41	\$238.69	\$917.67	
Existing Distribution kWh Rate		\$0.0179	\$0.0323	\$0.0517	\$0.1019	\$0.0593		\$0.0271		\$0.1038	\$0.1406		\$0.0297		
Existing Distribution kW Rate							\$16.4418		\$9.3830					\$6.2919	\$1.4282
Existing TFOA Rate															
Additional Charges															
Distribution Revenue from Rates		\$1,533,949.651	\$90,405,622	\$328,484,377	\$566,036,904	\$99,897,814	\$168,133,379	\$147,284,872	\$22,225,537	\$30,647,431	\$13,318,819	\$4,195,913	\$3,489,618	\$6,485,361	\$53,344,004
Transformer Ownership Allowance		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Net Class Revenue	CREV	\$1,533,949.651	\$90,405,622	\$328,484,377	\$566,036,904	\$99,897,814	\$168,133,379	\$147,284,872	\$22,225,537	\$30,647,431	\$13,318,819	\$4,195,913	\$3,489,618	\$6,485,361	\$53,344,004



## 2018 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	\$18,833,333	\$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	14,739,156	2,597,312	5,473,741	4,122,930	581,830	1,133,913	76,503	215,028	23,056	60,308	354,650	69,312	20,625	9,947	
Number of Devices																
Number of Connections (Unmetered)	CCON	41,473	-	-	-	-	-	-	-	-	20,920	14,777	5,776	-	-	
Total Number of Customers	CCA	1,326,352	216,443	456,145	343,578	145,457	94,493	6,375	17,919	1,921	20,920	14,777	5,776	1,719	829	
Bulk Customer Base	CCB	1,326,352	216,443	456,145	343,578	145,457	94,493	6,375	17,919	1,921	20,920	14,777	5,776	1,719	829	
Primary Customer Base	CCP	1,324,663	216,443	456,145	343,578	145,457	94,493	6,375	17,919	1,921	20,920	14,777	5,776	783	76	
Line Transformer Customer Base	CCLT	1,324,587	216,443	456,145	343,578	145,457	94,493	6,375	17,919	1,921	20,920	14,777	5,776	783	-	
Secondary Customer Base	CCS	1,315,508	216,443	456,145	343,578	145,457	94,493	-	17,919	-	20,920	14,777	5,776	-	-	
Weighted - Services	CWCS	1,111,154	108,221	342,109	515,366	145,457	-	-	-	-	-	-	-	-	-	
Weighted Meter -Capital	CWMC	277,934,084	32,466,398	68,421,768	60,126,063	25,455,058	34,017,383	9,244,098	8,511,529	2,785,938	-	-	-	2,921,945	33,983,903	
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	16,895,521	2,597,312	5,473,741	4,122,930	581,830	2,267,826	535,520	430,056	161,392	120,616	7,093	138,625	309,382	149,198	

**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



# 2018 Cost Allocation Model

**EB-2013-0416**

## Sheet I8 Demand Data Worksheet -

This is an input sheet for demand allocators.

<b>CP TEST RESULTS</b>	<b>12 CP</b>
<b>NCP TEST RESULTS</b>	<b>4 NCP</b>
<b>Co-incident Peak</b>	<b>Indicator</b>
1 CP	CP 1
4 CP	CP 4
12 CP	CP 12
<b>Non-co-incident Peak</b>	<b>Indicator</b>
1 NCP	NCP 1
4 NCP	NCP 4
12 NCP	NCP 12

<b>Customer Classes</b>		<b>Total</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>
			<b>UR</b>	<b>R1</b>	<b>R2</b>	<b>Seasonal</b>	<b>GSe</b>	<b>GSd</b>	<b>UGe</b>	<b>UGd</b>	<b>St Lgt</b>	<b>Sen Lgt</b>	<b>USL</b>	<b>Dgen</b>	<b>ST</b>
<b>CO-INCIDENT PEAK</b>															
<b>1 CP</b>															
Transformation CP	TCP1	6,652,301	422,735	1,179,449	1,171,141	138,377	328,080	384,076	100,798	142,441	33,579	5,926	3,202	3,841	2,738,656
Bulk Delivery CP	BCP1	6,439,361	409,137	1,142,180	1,135,106	134,115	317,902	371,768	97,586	137,829	32,533	5,741	3,102	3,715	2,648,646
Total Sytem CP	DCP1	6,652,301	422,735	1,179,449	1,171,141	138,377	328,080	384,076	100,798	142,441	33,579	5,926	3,202	3,841	2,738,656
<b>4 CP</b>															
Transformation CP	TCP4	25,046,884	1,692,624	4,405,426	4,232,123	417,962	1,388,449	1,414,829	386,982	577,211	93,468	16,494	12,794	13,667	10,394,853
Bulk Delivery CP	BCP4	24,244,794	1,638,179	4,266,221	4,101,904	405,090	1,345,376	1,369,491	374,651	558,521	90,558	15,981	12,396	13,219	10,053,208
Total Sytem CP	DCP4	25,046,884	1,692,624	4,405,426	4,232,123	417,962	1,388,449	1,414,829	386,982	577,211	93,468	16,494	12,794	13,667	10,394,853
<b>12 CP</b>															
Transformation CP	TCP12	68,568,493	4,639,550	11,701,305	11,183,251	1,009,817	3,950,423	4,033,526	1,085,429	1,713,533	184,280	32,520	38,229	36,070	28,960,561
Bulk Delivery CP	BCP12	66,371,471	4,490,312	11,331,562	10,839,151	978,718	3,827,873	3,904,270	1,050,842	1,658,047	178,542	31,507	37,039	34,887	28,008,721
Total Sytem CP	DCP12	68,568,493	4,639,550	11,701,305	11,183,251	1,009,817	3,950,423	4,033,526	1,085,429	1,713,533	184,280	32,520	38,229	36,070	28,960,561
<b>NON CO. INCIDENT PEAK</b>															
<b>1 NCP</b>															
Classification NCP from Load Data Provider															
DNCP1		7,185,556	462,456	1,234,296	1,221,825	164,892	442,320	444,543	126,928	205,026	50,961	8,993	3,232	4,426	2,815,658
Primary NCP	PNCP1	4,212,251	443,006	1,172,621	1,147,685	154,947	416,950	418,985	121,056	195,263	48,114	8,491	3,051	427	81,654
Line Transformer NCP	LTNCP1	4,037,945	443,006	1,172,621	1,147,685	154,947	416,950	356,090	121,056	165,866	48,114	8,491	3,051	68	-
Secondary NCP	SNCP1	3,420,112	437,517	1,147,115	1,105,724	149,358	403,577	-	118,958	-	46,667	8,235	2,960	-	-
<b>4 NCP</b>															
Classification NCP from Load Data Provider															
DNCP4		27,431,007	1,791,869	4,630,103	4,555,310	593,258	1,683,926	1,762,977	484,925	770,580	195,011	34,414	12,875	17,350	10,898,410
Primary NCP	PNCP4	15,943,457	1,716,508	4,398,750	4,278,892	557,476	1,587,342	1,661,619	462,491	733,886	184,118	32,491	12,155	1,674	316,055
Line Transformer NCP	LTNCP4	15,266,078	1,716,508	4,398,750	4,278,892	557,476	1,587,342	1,412,189	462,491	623,399	184,118	32,491	12,155	265	-
Secondary NCP	SNCP4	12,870,923	1,695,241	4,303,070	4,122,452	537,371	1,536,428	-	454,475	-	178,582	31,514	11,790	-	-
<b>12 NCP</b>															
Classification NCP from Load Data Provider															
DNCP12		73,861,335	4,951,857	12,155,472	11,528,858	1,328,939	4,667,082	5,018,890	1,336,514	2,141,855	461,096	81,370	38,399	49,036	30,101,968
Primary NCP	PNCP12	42,240,150	4,743,595	11,548,097	10,829,284	1,248,786	4,399,397	4,730,339	1,274,684	2,039,862	435,338	76,824	36,254	4,730	872,959
Line Transformer NCP	LTNCP12	40,346,026	4,743,595	11,548,097	10,829,284	1,248,786	4,399,397	4,020,258	1,274,684	1,732,760	435,338	76,824	36,254	748	-
Secondary NCP	SNCP12	33,661,638	4,684,822	11,296,907	10,433,356	1,203,749	4,258,286	-	1,252,591	-	422,249	74,514	35,164	-	-

**Sheet 01 Revenue to Cost Summary Worksheet -**

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

## Assets

Total Gross Plant including USAs 1600s, 1700s and 2040	\$12,598,319.066
Total Accumulated Depreciation including USAs 1600s, 1700s and 2040	(\$4,572,188.344)
Total Capital Contributions	(\$748,925.957)
Total Net Plant	\$7,277,205.765
Working Capital	\$254,065.378
Total Rate Base	\$7,531,271.143
Rate Base from 13 TB Data Sheet	\$7,541,270.142
	Rate Base Input Equals Output





## 2018 Cost Allocation Model

**EB-2013-0416**

**Sheet 02 Monthly Fixed Charge Min. & Max. Worksheet -**

Output sheet showing minimum and maximum level for  
Monthly Fixed Charge

### Summary

Customer Unit Cost per month - Avoided Cost

Customer Unit Cost per month - Directly Related

Customer Unit Cost per month - Minimum System  
with PLCC Adjustment

Existing Approved Fixed Charge

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
\$7.68	\$7.45	\$8.18	\$7.20	\$15.95	\$55.59	\$18.79	\$62.89	\$3.03	\$1.78	\$7.16	\$86.08	\$309.04
\$9.61	\$9.42	\$10.44	\$8.86	\$19.80	\$70.61	\$22.88	\$77.60	\$4.01	\$2.40	\$9.34	\$136.59	\$404.94
\$20.82	\$29.23	\$54.63	\$56.32	\$27.93	\$73.13	\$19.36	\$80.44	\$25.66	\$18.90	\$43.26	\$157.59	\$619.94
\$20.68	\$29.16	\$75.69	\$29.63	\$33.27	\$98.56	\$26.38	\$100.56	\$4.57	\$3.04	\$39.41	\$238.69	\$917.67

**EB-2013-0416**  
**Sheet I6.1 Revenue Worksheet -**

Miscellaneous Revenue (RRWF 5. cell F48)	49,662,806
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[illegible]



## 2019 Cost Allocation Model

**EB-2013-0416**

**Sheet 16.2 Customer Data Worksheet -**

		1	2	3	4	5	6	7	8	9	10	11	12	13		
		ID	Total	UR	R1	R2	Seasonal	GSe	GSd	UGe	UGd	St Lgt	Sen Lgt	USL	Dgen	ST
Billing Data																
Bad Debt 3 Year Historical Average	BDHA	\$18,833,333	\$2,293,039	\$6,304,210	\$5,606,188	\$521,010	\$1,400,549	\$1,173,872	\$248,515	\$75,122	\$2,423	\$141,368	\$184	\$200	\$1,066,653	
Late Payment 3 Year Historical Average	LPHA	\$12,486,523	1,330,607	3,877,231	4,383,248	713,763	1,137,824	622,415	148,082	47,362	20,748	24,678	43	3,751	176,770	
Number of Bills	CNB	14,874,064	2,623,576	5,542,561	4,154,383	583,864	1,137,169	77,501	215,540	23,128	60,847	352,697	69,888	22,893	10,017	
Number of Devices																
Number of Connections (Unmetered)	CCON	41,627	-	-	-	-	-	-	-	-	21,107	14,696	5,824	-	-	
Total Number of Customers	CCA	1,338,157	218,631	461,880	346,199	145,966	94,764	6,458	17,962	1,927	21,107	14,696	5,824	1,908	835	
Bulk Customer Base	CCB	1,338,157	218,631	461,880	346,199	145,966	94,764	6,458	17,962	1,927	21,107	14,696	5,824	1,908	835	
Primary Customer Base	CCP	1,336,360	218,631	461,880	346,199	145,966	94,764	6,458	17,962	1,927	21,107	14,696	5,824	869	77	
Line Transformer Customer Base	CCLT	1,336,283	218,631	461,880	346,199	145,966	94,764	6,458	17,962	1,927	21,107	14,696	5,824	869	-	
Secondary Customer Base	CCS	1,327,028	218,631	461,880	346,199	145,966	94,764	-	17,962	-	21,107	14,696	5,824	-	-	
Weighted - Services	CWCS	1,120,990	109,316	346,410	519,298	145,966	-	-	-	-	-	-	-	-	-	
Weighted Meter -Capital	CWMC	280,479,724	32,794,701	69,282,011	60,584,758	25,544,041	34,115,077	9,364,754	8,531,811	2,794,573	-	-	-	3,243,134	34,224,864	
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	17,076,375	2,623,576	5,542,561	4,154,383	583,864	2,274,338	542,510	431,081	161,893	121,693	7,054	139,776	343,391	150,256	

**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



# 2019 Cost Allocation Model

**EB-2013-0416**

## Sheet 18 Demand Data Worksheet -

This is an input sheet for demand allocators.

<b>CP TEST RESULTS</b>	<b>12 CP</b>
<b>NCP TEST RESULTS</b>	<b>4 NCP</b>
<b>Co-incident Peak</b>	<b>Indicator</b>
1 CP	CP 1
4 CP	CP 4
12 CP	CP 12
<b>Non-co-incident Peak</b>	<b>Indicator</b>
1 NCP	NCP 1
4 NCP	NCP 4
12 NCP	NCP 12

<b>Customer Classes</b>		<b>Total</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>
			<b>UR</b>	<b>R1</b>	<b>R2</b>	<b>Seasonal</b>	<b>GSe</b>	<b>GSd</b>	<b>UGe</b>	<b>UGd</b>	<b>St Lgt</b>	<b>Sen Lgt</b>	<b>USL</b>	<b>Dgen</b>	<b>ST</b>
<b>CO-INCIDENT PEAK</b>															
<b>1 CP</b>															
Transformation CP	TCP1	6,631,032	423,754	1,186,320	1,162,195	137,458	324,133	382,768	99,923	141,236	33,861	5,976	3,207	3,978	2,726,223
Bulk Delivery CP	BCP1	6,418,771	410,123	1,148,834	1,126,435	133,225	314,077	370,502	96,739	136,662	32,807	5,789	3,108	3,847	2,636,621
Total Sytem CP	DCP1	6,631,032	423,754	1,186,320	1,162,195	137,458	324,133	382,768	99,923	141,236	33,861	5,976	3,207	3,978	2,726,223
<b>4 CP</b>															
Transformation CP	TCP4	24,968,975	1,716,620	4,491,399	4,271,935	430,994	1,336,354	1,387,887	371,108	563,349	91,381	16,126	12,853	13,649	10,265,320
Bulk Delivery CP	BCP4	24,169,537	1,661,403	4,349,477	4,140,491	417,721	1,294,898	1,343,412	359,283	545,107	88,535	15,624	12,453	13,201	9,927,932
Total Sytem CP	DCP4	24,968,975	1,716,620	4,491,399	4,271,935	430,994	1,336,354	1,387,887	371,108	563,349	91,381	16,126	12,853	13,649	10,265,320
<b>12 CP</b>															
Transformation CP	TCP12	68,345,677	4,670,648	11,829,783	11,169,961	1,018,921	3,867,372	3,997,666	1,063,495	1,690,052	182,955	32,286	38,460	36,849	28,747,230
Bulk Delivery CP	BCP12	66,155,935	4,520,409	11,455,979	10,826,269	987,541	3,747,399	3,869,560	1,029,607	1,635,326	177,259	31,281	37,262	35,641	27,802,402
Total Sytem CP	DCP12	68,345,677	4,670,648	11,829,783	11,169,961	1,018,921	3,867,372	3,997,666	1,063,495	1,690,052	182,955	32,286	38,460	36,849	28,747,230
<b>NON CO. INCIDENT PEAK</b>															
<b>1 NCP</b>															
Classification NCP from Load Data Provider															
DNCP1		7,161,727	463,570	1,241,487	1,212,491	163,797	437,000	443,029	125,827	203,290	51,389	9,069	3,252	4,584	2,802,942
Primary NCP	PNCP1	4,201,349	444,074	1,179,453	1,138,917	153,918	411,935	417,558	120,006	193,610	48,519	8,562	3,070	442	81,286
Line Transformer NCP	LTNCP1	4,027,863	444,074	1,179,453	1,138,917	153,918	411,935	354,878	120,006	164,462	48,519	8,562	3,070	70	-
Secondary NCP	SNCP1	3,413,004	438,572	1,153,798	1,097,277	148,367	398,722	-	117,926	-	47,060	8,305	2,978	-	-
<b>4 NCP</b>															
Classification NCP from Load Data Provider															
DNCP4		27,347,213	1,803,405	4,657,077	4,520,510	589,320	1,663,656	1,756,974	480,717	764,058	196,651	34,703	12,965	17,968	10,849,209
Primary NCP	PNCP4	15,909,295	1,727,559	4,424,376	4,246,204	553,776	1,568,235	1,655,960	458,478	727,674	185,666	32,765	12,241	1,733	314,628
Line Transformer NCP	LTNCP4	15,235,077	1,727,559	4,424,376	4,246,204	553,776	1,568,235	1,407,381	458,478	618,122	185,666	32,765	12,241	274	-
Secondary NCP	SNCP4	12,851,258	1,706,154	4,328,139	4,090,960	533,804	1,517,934	-	450,532	-	180,083	31,779	11,873	-	-
<b>12 NCP</b>															
Classification NCP from Load Data Provider															
DNCP12		73,785,619	5,006,139	12,263,779	11,463,478	1,316,326	4,607,735	4,991,906	1,325,602	2,128,532	464,973	82,054	38,656	50,595	30,045,844
Primary NCP	PNCP12	42,220,381	4,795,594	11,650,993	10,767,871	1,236,934	4,343,454	4,704,907	1,264,276	2,027,173	438,999	77,470	36,497	4,880	871,332
Line Transformer NCP	LTNCP12	40,333,486	4,795,594	11,650,993	10,767,871	1,236,934	4,343,454	3,998,643	1,264,276	1,721,982	438,999	77,470	36,497	772	-
Secondary NCP	SNCP12	33,683,095	4,736,177	11,397,564	10,374,189	1,192,324	4,204,138	-	1,242,364	-	425,799	75,141	35,399	-	-



# 2019 Cost Allocation Model

EB-2013-0416

Sheet 01 Revenue to Cost Summary Worksheet -

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

Class Revenue, Cost Analysis, and Return on Rate Base

Rate Base		Total	1	2	3	4	5	6	7	8	9	10	11	12	13
Assets			UR	R1	R2	Seasonal	GSe	GSD	UGe	UGd	St Lgt	Sen Lgt	USL	Dgm	ST
crev	Distribution Revenue at Existing Rates	\$1,567,879,209	\$88,218,318	\$322,438,774	\$586,807,828	\$102,207,447	\$170,129,886	\$156,765,464	\$23,114,185	\$32,434,177	\$13,559,616	\$4,487,038	\$3,388,295	\$4,961,324	\$55,658,874
mi	Miscellaneous Revenue (m)	\$49,662,806	\$4,387,751	\$12,531,789	\$16,254,539	\$3,111,354	\$4,480,121	\$2,559,971	\$628,573	\$412,185	\$324,509	\$84,761	\$150,151	\$991,424	\$991,424
	Miscellaneous Revenue Input equals Output														
	Total Revenue at Existing Rates	\$1,617,542,015	\$92,606,069	\$334,969,563	\$603,062,367	\$105,319,801	\$174,610,016	\$159,325,435	\$23,742,759	\$32,846,362	\$14,284,125	\$8,222,717	\$3,493,027	\$8,211,475	\$56,650,296
	Factor required to recover deficiency (1 + D)	1.0276													
	Distribution Revenue at Status Quo Rates	\$1,610,049,733	\$90,002,643	\$331,151,450	\$602,667,805	\$104,989,864	\$174,728,089	\$161,002,450	\$23,738,905	\$33,310,794	\$14,336,910	\$4,608,312	\$3,490,113	\$8,279,202	\$57,163,197
	Miscellaneous Revenue (m)	\$458,062,006	\$4,387,751	\$12,531,789	\$16,254,539	\$3,111,354	\$4,480,121	\$2,559,971	\$628,573	\$412,185	\$324,509	\$84,761	\$150,151	\$991,424	\$991,424
	Total Revenue at Status Quo Rates	\$1,559,712,539	\$94,990,394	\$343,683,238	\$618,922,343	\$108,001,218	\$179,208,210	\$163,562,421	\$24,367,478	\$33,722,979	\$14,661,420	\$9,343,999	\$3,584,874	\$8,429,353	\$58,154,621
	Expenses														
di	Distribution Costs (d)	\$325,301,273	\$14,063,055	\$62,633,625	\$138,243,164	\$23,975,433	\$32,980,165	\$27,266,903	\$3,792,623	\$5,400,164	\$3,620,941	\$1,748,440	\$728,530	\$138,104	\$170,170,128
cu	Customer Related Costs (cu)	\$119,563,464	\$16,071,162	\$36,011,215	\$31,142,220	\$8,028,957	\$13,267,557	\$3,881,722	\$2,508,194	\$825,071	\$844,743	\$458,400	\$548,800	\$1,270,840	\$1,270,840
ad	General and Administration (ad)	\$143,284,933	\$9,529,202	\$31,144,065	\$63,918,231	\$10,094,059	\$14,786,755	\$10,781,714	\$2,028,552	\$2,224,709	\$1,407,663	\$991,005	\$384,666	\$1,306,465	\$4,967,348
dep	Depreciation and Amortization (dep)	\$413,635,651	\$20,710,656	\$77,437,190	\$155,812,216	\$26,669,149	\$45,410,203	\$49,282,497	\$6,855,252	\$10,258,322	\$3,364,047	\$1,828,292	\$615,894	\$721,384	\$14,672,549
inp	PLA (INPUT)	\$98,542,415	\$3,075,642	\$12,621,598	\$27,079,863	\$4,418,874	\$7,574,393	\$8,404,202	\$1,960,700	\$1,711,275	\$615,388	\$273,968	\$117,235	\$2,537,444	\$2,537,444
INT	Interest	\$255,137,227	\$11,283,915	\$46,306,123	\$99,325,036	\$16,211,965	\$27,788,935	\$30,833,338	\$3,891,715	\$6,278,326	\$2,257,368	\$1,005,128	\$430,477	\$215,380	\$9,309,521
	Total Expenses	\$1,336,464,963	\$75,333,631	\$268,753,817	\$505,013,729	\$88,396,437	\$141,820,009	\$130,460,376	\$28,135,095	\$28,797,867	\$12,110,949	\$6,003,831	\$2,835,602	\$3,710,879	\$45,603,612
	Direct Allocation	\$11,851,538	\$0	\$0	\$0	\$0	\$320,169	\$2,173,023	\$80,087	\$631,289	\$0	\$1,185,976	\$0	\$5,060,928	\$2,400,066
NI	Allocated Net Income (NI)	\$321,396,038	\$14,214,333	\$58,331,764	\$125,119,621	\$20,422,192	\$35,005,686	\$38,840,717	\$4,902,389	\$7,908,709	\$2,843,603	\$1,266,159	\$542,271	\$271,314	\$11,727,191
	Revenue Requirement (Includes NI)	\$1,659,712,539	\$69,547,964	\$325,085,581	\$630,633,380	\$109,818,628	\$177,145,864	\$171,484,116	\$25,117,570	\$35,337,964	\$14,953,652	\$8,455,965	\$3,377,873	\$9,043,122	\$59,730,869
	Revenue Requirement Input equals Output														
	Rate Base Calculation														
do	Net Assets														
no	Distribution Plant - Gross	\$11,669,462,974	\$542,160,319	\$2,167,328,731	\$4,549,889,172	\$766,224,691	\$1,243,161,359	\$1,362,349,533	\$175,258,778	\$275,801,211	\$100,115,362	\$44,682,937	\$19,135,507	\$12,740,201	\$420,615,174
acum	General Plant - Gross	\$1,225,570,261	\$53,860,719	\$220,945,564	\$472,742,608	\$78,194,908	\$130,448,442	\$145,457,862	\$18,194,881	\$29,620,048	\$10,689,391	\$18,758,860	\$2,050,155	\$1,133,101	\$43,472,623
co	Accumulated Depreciation	\$4,636,267,163	\$252,167,217	\$983,375,344	\$1,852,707,598	\$311,821,701	\$446,096,157	\$507,003,400	\$98,525,464	\$110,674,498	\$37,987,630	\$24,457,701	\$7,221,734	\$8,155,570	\$16,788,045
	Capital Contribution	(\$748,839,901)	(\$34,862,509)	(\$142,527,073)	(\$208,172,494)	(\$35,282,937)	(\$71,810,047)	(\$84,269,429)	(\$9,542,965)	(\$17,169,996)	(\$6,426,543)	(\$3,605,334)	(\$1,300,473)	(\$1,338,045)	(\$22,550,524)
	Total Net Plant	\$7,208,226,178	\$331,891,313	\$1,362,367,878	\$2,921,751,680	\$477,313,566	\$816,701,596	\$908,467,466	\$114,345,216	\$184,976,880	\$66,380,679	\$35,478,666	\$12,663,456	\$6,379,681	\$273,509,229
	Directly Allocated Net Fixed Assets	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
COP	Cost of Power (COP)	\$2,831,596,791	\$240,586,385	\$615,854,376	\$571,010,776	\$55,018,952	\$254,555,922	\$268,745,497	\$70,942,458	\$125,755,576	\$14,850,600	\$2,620,694	\$3,011,258	\$3,021,825	\$685,612,473
	OM&A Expenses	\$588,148,670	\$40,263,418	\$130,388,905	\$223,303,614	\$42,096,449	\$61,046,477	\$41,330,339	\$9,327,369	\$8,549,944	\$5,873,347	\$2,898,444	\$1,671,897	\$2,715,409	\$2,715,409
	Directly Allocated Expenses	\$1,419,745,461	\$0	\$0	\$0	\$0	\$320,169	\$2,173,023	\$80,087	\$631,289	\$0	\$1,185,976	\$0	\$5,060,928	\$2,400,066
	Subtotal	\$3,431,597,958	\$280,859,804	\$746,243,281	\$794,314,390	\$97,115,400	\$315,922,568	\$332,448,059	\$79,349,913	\$134,936,808	\$20,723,947	\$6,705,114	\$4,683,154	\$10,798,161	\$67,096,597
	Working Capital	\$264,705,424	\$21,664,867	\$57,563,457	\$61,271,550	\$7,491,254	\$24,369,526	\$25,675,181	\$6,120,866	\$10,408,709	\$1,598,597	\$517,217	\$361,248	\$832,945	\$46,830,580
	Total Rate Base	\$7,774,631,595	\$353,656,179	\$1,419,931,336	\$2,983,023,246	\$484,805,820	\$841,071,121	\$932,142,587	\$120,466,076	\$194,985,599	\$67,979,176	\$35,995,883	\$13,024,704	\$7,212,626	\$230,338,337
	Rate Base Input Does Not Equal Output														
	Equity Component of Rate Base	\$3,109,852,638	\$141,462,472	\$567,972,534	\$1,193,209,296	\$193,921,928	\$336,428,449	\$372,857,035	\$48,186,430	\$77,994,204	\$27,191,670	\$14,398,353	\$5,209,881	\$2,885,050	\$1,285,135,355
	Net Income on Allocated Assets	\$321,396,038	\$19,656,763	\$78,929,421	\$113,408,584	\$18,684,781	\$37,068,032	\$30,939,022	\$4,152,297	\$6,293,823	\$2,551,370	\$1,154,184	\$749,272	(\$342,455)	\$10,150,943
	Net Income on Direct Allocation Assets	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Net Income	\$321,396,038	\$19,656,763	\$78,929,421	\$113,408,584	\$18,684,781	\$37,068,032	\$30,939,022	\$4,152,297	\$6,293,823	\$2,551,370	\$1,154,184	\$749,272	(\$342,455)	\$10,150,943
	RATIOS ANALYSIS														
	REVENUE TO EXPENSES STATUS QUO%	100.00%	1.06	1.06	0.98	0.98	1.01	0.95	0.97	0.95	0.98	0.99	1.06	0.93	0.91
	EXISTING REVENUE MINUS ALLOCATED COSTS	(\$42,370,524)	\$3,058,105	\$9,882,982	(\$27,571,013)	(\$4,490,827)	(\$2,535,847)	(\$12,138,680)	(\$1,374,811)	(\$2,491,532)	(\$669,527)	(\$233,248)	\$115,154	(\$831,647)	(\$3,080,571)
	STATUS QUO REVENUE MINUS ALLOCATED COSTS	(\$80)	\$5,442,430	\$18,587,657	(\$11,711,037)	(\$1,737,419)	\$2,062,346	(\$7,301,694)	(\$750,092)	(\$1,614,978)	(\$522,233)	(\$111,975)	\$207,001	(\$613,769)	(\$15,748,248)
	RETURN ON EQUITY COMPONENT OF RATE BASE	10.33%	13.90%	13.54%	9.50%	9.64%	11.02%	8.20%	8.62%	9.38%	8.02%	14.30%	-11.87%	7.92%	7.92%

Total Gross Plant including USGs 1600s, 1700s and 2040	\$13,146,355,928
Total Accumulated Depreciation including USGs 1600s, 1700s and 2040	(\$4,792,495,687)
Total Capital Contributions	(\$748,839,901)
Total Net Plant	\$7,698,939,283
Working Capital	\$264,705,424
Total Rate Base	\$7,963,638,707
Rate Base from 13 TB Data Sheet	\$7,963,638,707
Rate Base Input Equals Output	



## 2019 Cost Allocation Model

**EB-2013-0416**

**Sheet 02 Monthly Fixed Charge Min. & Max. Worksheet -**

Output sheet showing minimum and maximum level for  
Monthly Fixed Charge

### Summary

Customer Unit Cost per month - Avoided Cost

Customer Unit Cost per month - Directly Related

Customer Unit Cost per month - Minimum System  
with PLCC Adjustment

Existing Approved Fixed Charge

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
\$7.69	\$7.47	\$8.18	\$7.17	\$15.94	\$55.32	\$18.73	\$62.69	\$3.07	\$1.80	\$7.28	\$86.15	\$310.55
\$9.62	\$9.44	\$10.45	\$8.81	\$19.79	\$70.35	\$22.79	\$77.42	\$4.08	\$2.43	\$9.53	\$136.52	\$407.88
\$20.85	\$29.29	\$55.11	\$57.02	\$27.28	\$69.39	\$17.90	\$78.71	\$25.82	\$19.26	\$43.99	\$157.57	\$618.04
\$20.01	\$28.31	\$77.92	\$30.29	\$33.67	\$103.54	\$27.48	\$106.14	\$4.72	\$3.25	\$38.11	\$266.30	\$948.31

## Appendix 2-P 2019 Cost Allocation

Please complete the following tables.

### A) Allocated Costs

Classes	Costs Allocated from Previous Study	%	Costs Allocated in Test Year Study (Column 7A)	%
Residential – Urban [UR]	\$ 87,367,792	5.41%	\$ 89,547,964	5.40%
Residential – Medium Density [R1]	\$ 315,269,793	19.52%	\$ 325,085,581	19.59%
Residential – Low Density [R2]	\$ 616,361,381	38.16%	\$ 630,633,380	38.00%
Seasonal Residential	\$ 107,913,313	6.68%	\$ 109,818,628	6.62%
General Service Energy Billed (less than 50 kW) [GSe]	\$ 173,662,139	10.75%	\$ 177,145,864	10.67%
General Service Demand Billed (50 kW and above) [GSd]	\$ 163,876,238	10.14%	\$ 171,464,116	10.33%
Urban General Service Energy Billed (less than 50 kW) [UGe]	\$ 24,454,097	1.51%	\$ 25,117,570	1.51%
Urban General Service Demand Billed (50 kW and above) [UGd]	\$ 33,949,893	2.10%	\$ 35,337,954	2.13%
Street Lighting	\$ 14,485,810	0.90%	\$ 14,953,652	0.90%
Sentinel Lighting	\$ 8,364,411	0.52%	\$ 8,455,965	0.51%
Unmetered Scattered Load [USL]	\$ 3,291,351	0.20%	\$ 3,377,873	0.20%
Distributed Generation [DGen]	\$ 8,302,996	0.51%	\$ 9,043,122	0.54%
Sub-Transmission [ST]	\$ 58,066,788	3.59%	\$ 59,730,869	3.60%
<b>Total</b>	<b>\$ 1,615,366,002</b>	<b>100.00%</b>	<b>\$ 1,659,712,539</b>	<b>100.00%</b>

### Notes

- 1 Customer Classification - If proposed rate classes differ from those in place in the previous Cost Allocation study, modify the rate classes to match the current application as closely as possible.
- 2 Host Distributors - Provide information on embedded distributor(s) as a separate class, if applicable. If embedded distributor(s) are billed as customers in a General Service class, include the allocated cost and revenue of the embedded distributor(s) in the applicable class. Also complete Appendix 2-Q.
- 3 Class Revenue Requirements - If using the Board-issued model, in column 7A enter the results from Worksheet O-1, Revenue Requirement (row 40 in the 2013 model). This excludes costs in deferral and variance accounts. Note to Embedded Distributor(s). it also does not include Account 4750 - Low Voltage (LV) Costs.

**B) Calculated Class Revenues**

Classes (same as previous table)	Column 7B	Column 7C	Column 7D	Column 7E
	Load Forecast (LF) X current approved rates	L.F. X current approved rates X (1 + d)	LF X proposed rates	Miscellaneous Revenue
Residential – Urban [UR]	\$ 88,218,318	\$90,602,643	\$ 86,951,173	\$ 4,387,751
Residential – Medium Density [R1]	\$ 322,436,774	\$331,151,450	\$ 319,055,504	\$ 12,531,789
Residential – Low Density [R2]	\$ 586,807,828	\$602,667,805	\$ 608,204,598	\$ 16,254,539
Seasonal Residential	\$ 102,207,447	\$104,969,864	\$ 105,632,090	\$ 3,111,354
General Service Energy Billed (less than 50 kW) [GSe]	\$ 170,129,896	\$174,728,089	\$ 174,728,089	\$ 4,480,121
General Service Demand Billed (50 kW and above) [GSd]	\$ 156,765,464	\$161,002,450	\$ 167,225,417	\$ 2,559,971
Urban General Service Energy Billed (less than 50 kW) [UGe]	\$ 23,114,185	\$23,738,905	\$ 24,243,082	\$ 628,573
Urban General Service Demand Billed (50 kW and above) [UGd]	\$ 32,434,177	\$33,310,794	\$ 34,579,792	\$ 412,185
Street Lighting	\$ 13,959,616	\$14,336,910	\$ 14,482,739	\$ 324,509
Sentinel Lighting	\$ 4,487,038	\$4,608,312	\$ 4,637,498	\$ 3,735,678
Unmetered Scattered Load [USL]	\$ 3,398,266	\$3,490,113	\$ 3,350,669	\$ 94,761
Distributed Generation [DGen]	\$ 8,061,324	\$8,279,202	\$ 8,804,433	\$ 150,151
Sub-Transmission [ST]	\$ 55,658,874	\$57,163,197	\$ 58,154,648	\$ 991,424
<b>Total</b>	<b>\$ 1,567,679,209</b>	<b>\$ 1,610,049,733</b>	<b>\$ 1,610,049,732</b>	<b>\$ 49,662,806</b>

**Notes:**

- Columns 7B to 7D - LF means Load Forecast of Annual Billing Quantities (i.e. customers or connections X 12, (kWh or kW, as applicable). Revenue Quantities should be net of Transfomer Ownership Allowance. Exclude revenue from rate adders and rate riders.
- Columns 7C and 7D - Column total in each column should equal the Base Revenue Requirement
- Columns 7C - The Board cost allocation model calculates "1+d" in worksheet O-1, cell C21. "d" is defined as Revenue Deficiency/ Revenue at Current Rates.
- Columns 7E - If using the Board-issued Cost Allocation model, enter Miscellaneous Revenue as it appears in Worksheet O-1, row 19.



**C) Rebalancing Revenue-to-Cost (R/C) Ratios**

Class	Previously Approved Ratios	Status Quo Ratios	Proposed Ratios	Policy Range
	Most Recent Year:	(7C + 7E) / (7A)	(7D + 7E) / (7A)	
	2018			
	%	%	%	%
Residential – Urban [UR]	105	106	102	85 - 115
Residential – Medium Density [R1]	105	106	102	85 - 115
Residential – Low Density [R2]	98	98	99	85 - 115
Seasonal Residential	98	98	99	85 - 115
General Service Energy Billed (less than 50 kW) [GSe]	101	101	101	80 - 120
General Service Demand Billed (50 kW and above) [GSd]	98	95	99	80 - 120
Urban General Service Energy Billed (less than 50 kW) [UGe]	98	97	99	80 - 120
Urban General Service Demand Billed (50 kW and above) [UGd]	98	95	99	80 - 120
Street Lighting	98	98	99	70 - 120
Sentinel Lighting	98	99	99	80 - 120
Unmetered Scattered Load [USL]	105	106	102	80 - 120
Distributed Generation [DGen]	91	93	99	80 - 120
Sub-Transmission [ST]	98	97	99	85 - 115

**Notes**

1 Previously Approved Revenue-to-Cost Ratios - For most applicants, Most Recent Year would be the third year of the IRM 3 period, e.g. if the applicant rebased in 2009 with further adjustments over 2 years, the Most recent year is 2011. For applicants whose most recent rebasing year is 2006, the applicant should enter the ratios from their Informational Filing.

2 Status Quo Ratios - The Board's updated Cost Allocation Model yields the Status Quo Ratios in Worksheet O-1. Status Quo means "Before Rebalancing".

**Appendix 2-V  
2015 Revenue Reconciliation**

Rate Class	Customers/ Connections	Number of Customers/C onnections (Average)	Test Year Consumption		Proposed Rates			Revenues at Proposed Rates	Class Specific Revenue Requirement	Transformer Allowance Credit	Total	Difference
			kWh	kW	Monthly Service Charge	Volumetric						
						kWh	kW					
Residential – Urban [UR]	Customers	209,540	2,001,279,224	-	\$ 20.45	\$ 0.0176		\$ 86,643,650	\$ 86,749,139		\$ 86,749,139	\$ 105,489
Residential – Medium Density [R1]	Customers	438,279	5,052,450,892	-	\$ 28.16	\$ 0.0311		\$ 305,234,546	\$ 305,468,655		\$ 305,468,655	\$ 234,109
Residential – Low Density [R2]	Customers	335,043	4,933,406,049	-	\$ 67.96	\$ 0.0457		\$ 498,690,543	\$ 498,703,219		\$ 498,703,219	\$ 12,677
Seasonal Residential	Customers	143,666	474,073,680	-	\$ 26.57	\$ 0.0905		\$ 88,710,187	\$ 88,722,941		\$ 88,722,941	\$ 12,754
General Service Energy Billed (less than 50 kW) [GSe]	Customers	93,508	2,194,809,668	-	\$ 30.08	\$ 0.0538		\$ 151,833,556	\$ 151,764,262		\$ 151,764,262	-\$ 69,294
General Service Demand Billed (50 kW and above) [GSd]	Customers	6,113	2,404,019,346	8,484,670	\$ 83.96		\$ 13.7208	\$ 122,575,334	\$ 122,575,276		\$ 122,575,276	-\$ 58
Urban General Service Energy Billed (less than 50 kW) [UGe]	Customers	17,768	604,059,537	-	\$ 23.15	\$ 0.0240		\$ 19,433,425	\$ 19,450,758		\$ 19,450,758	\$ 17,334
Urban General Service Demand Billed (50 kW and above) [UGd]	Customers	1,901	1,067,646,621	3,058,267	\$ 85.01		\$ 7.8589	\$ 25,974,078	\$ 25,973,978		\$ 25,973,978	-\$ 100
Street Lighting	Customers	4,883	123,507,003	-	\$ 4.02	\$ 0.0907		\$ 11,437,620	\$ 11,438,928		\$ 11,438,928	\$ 1,309
Sentinel Lighting	Customers	30,009	21,795,353	-	\$ 2.42	\$ 0.1149		\$ 3,375,760	\$ 3,377,287		\$ 3,377,287	\$ 1,527
Unmetered Scattered Load [USL]	Customers	5,642	24,056,636	-	\$ 39.41	\$ 0.0307		\$ 3,406,557	\$ 3,405,755		\$ 3,405,755	-\$ 803
Distributed Generation [DGen]	Customers	1,010	21,102,942	216,099	\$ 168.02		\$ 3.2651	\$ 2,741,904	\$ 2,741,965		\$ 2,741,965	\$ 61
Sub-Transmission [ST]	Customers	810	16,560,342,139	30,696,855	\$ 862.46		\$ 1.2493	\$ 46,730,443	\$ 46,729,362		\$ 46,729,362	-\$ 1,081
Total								\$ 1,366,787,604	\$ 1,367,101,526	\$ -	\$ 1,367,101,526	\$ 313,922

**Note**

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

**Appendix 2-V  
2016 Revenue Reconciliation**

Rate Class	Customers/ Connections	Number of Customers/C onnections (Average)	Test Year Consumption		Proposed Rates			Revenues at Proposed Rates	Class Specific Revenue Requirement	Transformer Allowance Credit	Total	Difference
			kWh	kW	Monthly Service Charge	Volumetric						
						kWh	kW					
Residential – Urban [UR]	Customers	211,691	2,016,183,097	-	\$ 21.02	\$ 0.0182		\$ 90,091,396	\$ 90,051,795		\$ 90,051,795	-\$ 39,601
Residential – Medium Density [R1]	Customers	443,872	5,108,854,783	-	\$ 29.44	\$ 0.0326		\$ 323,359,846	\$ 323,484,115		\$ 323,484,115	\$ 124,270
Residential – Low Density [R2]	Customers	337,693	4,923,248,614	-	\$ 73.24	\$ 0.0497		\$ 541,476,813	\$ 541,701,842		\$ 541,701,842	\$ 225,029
Seasonal Residential	Customers	144,188	471,244,703	-	\$ 28.45	\$ 0.0978		\$ 95,313,634	\$ 95,317,806		Total	#VALUE!
General Service Energy Billed (less than 50 kW) [GSe]	Customers	93,788	2,206,447,679	-	\$ 32.32	\$ 0.0576		\$ 163,466,300	\$ 163,556,535		\$ 163,556,535	\$ 90,235
General Service Demand Billed (50 kW and above) [GSd]	Customers	6,196	2,438,092,291	8,493,971	\$ 91.53		\$ 15.1456	\$ 135,451,873	\$ 135,451,445		\$ 135,451,445	-\$ 428
Urban General Service Energy Billed (less than 50 kW) [UGe]	Customers	17,808	609,041,231	-	\$ 24.76	\$ 0.0255		\$ 20,821,538	\$ 20,852,047		\$ 20,852,047	\$ 30,510
Urban General Service Demand Billed (50 kW and above) [UGd]	Customers	1,907	1,077,211,367	3,045,878	\$ 92.91		\$ 8.6492	\$ 28,470,215	\$ 28,470,243		\$ 28,470,243	\$ 27
Street Lighting	Customers	4,927	124,955,158	-	\$ 4.39	\$ 0.0988		\$ 12,605,121	\$ 12,600,511		\$ 12,600,511	-\$ 4,609
Sentinel Lighting	Customers	29,840	22,050,910	-	\$ 2.78	\$ 0.1298		\$ 3,857,684	\$ 3,858,189		\$ 3,858,189	\$ 505
Unmetered Scattered Load [USL]	Customers	5,691	24,648,223	-	\$ 39.52	\$ 0.0303		\$ 3,445,645	\$ 3,445,001		\$ 3,445,001	-\$ 645
Distributed Generation [DGen]	Customers	1,289	22,988,381	232,370	\$ 208.09		\$ 4.7988	\$ 4,333,371	\$ 4,333,340		\$ 4,333,340	-\$ 31
Sub-Transmission [ST]	Customers	816	16,629,105,596	30,723,761	\$ 927.97		\$ 1.3527	\$ 50,642,855	\$ 50,643,189		\$ 50,643,189	\$ 334
Total								\$ 1,473,336,290	\$ 1,473,766,057	\$ -	\$ 1,473,766,057	\$ 429,767

**Note**

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

**Appendix 2-V  
2017 Revenue Reconciliation**

Rate Class	Customers/ Connections	Number of Customers/C onnections (Average)	Test Year Consumption		Proposed Rates			Revenues at Proposed Rates	Class Specific Revenue Requirement	Transformer Allowance Credit	Total	Difference
			kWh	kW	Monthly Service Charge	Volumetric						
						kWh	kW					
Residential – Urban [UR]	Customers	213,918	2,039,119,237	-	\$ 20.68	\$ 0.0179		\$ 89,586,092	\$ 89,547,053		\$ 89,547,053	-\$ 39,039
Residential – Medium Density [R1]	Customers	449,678	5,183,502,386	-	\$ 29.16	\$ 0.0323		\$ 324,778,421	\$ 324,550,590		\$ 324,550,590	-\$ 227,831
Residential – Low Density [R2]	Customers	340,418	4,933,428,083	-	\$ 75.69	\$ 0.0517		\$ 564,252,881	\$ 564,312,917		\$ 564,312,917	\$ 60,035
Seasonal Residential	Customers	144,731	473,246,268	-	\$ 29.63	\$ 0.1019		\$ 99,684,495	\$ 99,668,802		\$ 99,668,802	-\$ 15,693
General Service Energy Billed (less than 50 kW) [GSe]	Customers	94,081	2,215,826,849	-	\$ 33.27	\$ 0.0593		\$ 168,959,479	\$ 168,918,918		\$ 168,918,918	-\$ 40,561
General Service Demand Billed (50 kW and above) [GSd]	Customers	6,282	2,468,895,806	8,541,960	\$ 98.56		\$ 16.4418	\$ 147,874,498	\$ 147,874,662		\$ 147,874,662	\$ 164
Urban General Service Energy Billed (less than 50 kW) [UGe]	Customers	17,851	613,411,739	-	\$ 26.38	\$ 0.0271		\$ 22,274,369	\$ 22,265,082		\$ 22,265,082	-\$ 9,287
Urban General Service Demand Billed (50 kW and above) [UGd]	Customers	1,913	1,085,625,236	3,048,496	\$ 100.56		\$ 9.3830	\$ 30,912,097	\$ 30,912,199		\$ 30,912,199	\$ 101
Street Lighting	Customers	4,973	125,123,040	-	\$ 4.57	\$ 0.1038		\$ 13,260,485	\$ 13,264,710		\$ 13,264,710	\$ 4,225
Sentinel Lighting	Customers	29,671	22,080,536	-	\$ 3.04	\$ 0.1406		\$ 4,186,927	\$ 4,185,600		\$ 4,185,600	-\$ 1,326
Unmetered Scattered Load [USL]	Customers	5,734	25,229,669	-	\$ 39.41	\$ 0.0297		\$ 3,460,818	\$ 3,461,178		\$ 3,461,178	\$ 360
Distributed Generation [DGen]	Customers	1,523	23,930,288	240,223	\$ 238.69		\$ 6.2919	\$ 5,873,651	\$ 5,873,655		\$ 5,873,655	\$ 4
Sub-Transmission [ST]	Customers	822	16,730,826,230	30,976,388	\$ 970.02		\$ 1.4129	\$ 53,331,610	\$ 53,331,772		\$ 53,331,772	\$ 163
Total								\$ 1,528,435,822	\$ 1,528,167,137	\$ -	\$ 1,528,167,137	-\$ 268,685

**Note**

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

**Appendix 2-V  
2018 Revenue Reconciliation**

Rate Class	Customers/ Connections	Number of Customers/C onnections (Average)	Test Year Consumption		Proposed Rates			Revenues at Proposed Rates	Class Specific Revenue Requirement	Transformer Allowance Credit	Total	Difference
			kWh	kW	Monthly Service Charge	Volumetric						
						kWh	kW					
Residential – Urban [UR]	Customers	216,443	2,049,900,221	-	\$ 20.01	\$ 0.0174		\$ 87,640,473	\$ 87,683,983		\$ 87,683,983	\$ 43,510
Residential – Medium Density [R1]	Customers	456,145	5,228,175,767	-	\$ 28.31	\$ 0.0315		\$ 319,649,156	\$ 319,653,694		\$ 319,653,694	\$ 4,538
Residential – Low Density [R2]	Customers	343,578	4,912,424,145	-	\$ 77.92	\$ 0.0540		\$ 586,529,614	\$ 586,352,305		\$ 586,352,305	-\$ 177,309
Seasonal Residential	Customers	145,457	472,806,230	-	\$ 30.29	\$ 0.1047		\$ 102,373,695	\$ 102,391,558		\$ 102,391,558	\$ 17,863
General Service Energy Billed (less than 50 kW) [GSe]	Customers	94,493	2,199,124,798	-	\$ 33.67	\$ 0.0607		\$ 171,665,718	\$ 171,681,149		\$ 171,681,149	\$ 15,431
General Service Demand Billed (50 kW and above) [GSd]	Customers	6,375	2,471,784,997	8,499,358	\$ 103.54		\$ 17.6167	\$ 157,651,752	\$ 157,651,454		\$ 157,651,454	-\$ 298
Urban General Service Energy Billed (less than 50 kW) [UGe]	Customers	17,919	610,815,360	-	\$ 27.48	\$ 0.0284		\$ 23,256,128	\$ 23,280,718		\$ 23,280,718	\$ 24,590
Urban General Service Demand Billed (50 kW and above) [UGd]	Customers	1,921	1,081,837,005	3,019,175	\$ 106.14		\$ 10.0451	\$ 32,775,079	\$ 32,775,244		\$ 32,775,244	\$ 166
Street Lighting	Customers	5,026	125,657,151	-	\$ 4.72	\$ 0.1079		\$ 13,843,060	\$ 13,837,827		\$ 13,837,827	-\$ 5,233
Sentinel Lighting	Customers	29,554	22,174,791	-	\$ 3.25	\$ 0.1494		\$ 4,465,528	\$ 4,465,464		\$ 4,465,464	-\$ 64
Unmetered Scattered Load [USL]	Customers	5,776	25,522,507	-	\$ 38.11	\$ 0.0286		\$ 3,371,437	\$ 3,372,275		\$ 3,372,275	\$ 838
Distributed Generation [DGen]	Customers	1,719	24,887,701	248,297	\$ 266.30		\$ 7.6646	\$ 7,395,669	\$ 7,395,591		\$ 7,395,591	-\$ 78
Sub-Transmission [ST]	Customers	829	16,717,789,744	30,960,496	\$ 1,005.72		\$ 1.4784	\$ 55,775,399	\$ 55,776,152		\$ 55,776,152	\$ 753
Total								\$ 1,566,392,708	\$ 1,566,317,415	\$ -	\$ 1,566,317,415	-\$ 75,292

**Note**

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

**Appendix 2-V  
2019 Revenue Reconciliation**

Rate Class	Customers/ Connections	Number of Customers/C onnections (Average)	Test Year Consumption		Proposed Rates			Revenues at Proposed Rates	Class Specific Revenue Requirement	Transformer Allowance Credit	Total	Difference
			kWh	kW	Monthly Service Charge	Volumetric						
						kWh	kW					
Residential – Urban [UR]	Customers	218,631	2,052,905,845	-	\$ 19.65	\$ 0.0172		\$ 86,863,250	\$ 86,951,173		\$ 86,951,173	\$ 87,923
Residential – Medium Density [R1]	Customers	461,880	5,254,821,459	-	\$ 27.91	\$ 0.0313		\$ 319,168,786	\$ 319,055,504		\$ 319,055,504	-\$ 113,281
Residential – Low Density [R2]	Customers	346,199	4,872,190,236	-	\$ 80.21	\$ 0.0564		\$ 608,014,623	\$ 608,204,598		\$ 608,204,598	\$ 189,975
Seasonal Residential	Customers	145,966	469,453,136	-	\$ 31.14	\$ 0.1088		\$ 105,621,058	\$ 105,632,090		\$ 105,632,090	\$ 11,032
General Service Energy Billed (less than 50 kW) [GSe]	Customers	94,764	2,172,016,594	-	\$ 34.17	\$ 0.0626		\$ 174,825,312	\$ 174,728,089		\$ 174,728,089	-\$ 97,222
General Service Demand Billed (50 kW and above) [GSd]	Customers	6,458	2,463,741,578	8,443,180	\$ 108.41		\$ 18.8109	\$ 167,225,741	\$ 167,225,417		\$ 167,225,417	-\$ 324
Urban General Service Energy Billed (less than 50 kW) [UGe]	Customers	17,962	605,321,588	-	\$ 28.54	\$ 0.0299		\$ 24,250,641	\$ 24,243,082		\$ 24,243,082	-\$ 7,559
Urban General Service Demand Billed (50 kW and above) [UGd]	Customers	1,927	1,073,018,433	2,984,482	\$ 111.64		\$ 10.7214	\$ 34,579,784	\$ 34,579,792		\$ 34,579,792	\$ 7
Street Lighting	Customers	5,071	126,713,808	-	\$ 4.90	\$ 0.1119		\$ 14,477,424	\$ 14,482,739		\$ 14,482,739	\$ 5,315
Sentinel Lighting	Customers	29,391	22,361,260	-	\$ 3.39	\$ 0.1538		\$ 4,634,805	\$ 4,637,498		\$ 4,637,498	\$ 2,693
Unmetered Scattered Load [USL]	Customers	5,824	25,693,770	-	\$ 37.56	\$ 0.0282		\$ 3,349,550	\$ 3,350,669		\$ 3,350,669	\$ 1,119
Distributed Generation [DGen]	Customers	1,908	25,783,933	256,373	\$ 285.63		\$ 8.8373	\$ 8,804,488	\$ 8,804,433		\$ 8,804,433	-\$ 55
Sub-Transmission [ST]	Customers	835	16,636,856,910	30,861,915	\$ 1,041.23		\$ 1.5464	\$ 58,154,902	\$ 58,154,648		\$ 58,154,648	-\$ 254
Total								\$ 1,609,970,363	\$ 1,610,049,732	\$ -	\$ 1,610,049,732	\$ 79,369

**Note**

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

## **PROPOSED RATE SCHEDULES**

1  
2  
3

# **Hydro One Networks Inc.**

## **TARIFF OF RATES AND CHARGES**

### **Effective and Implementation Date January 1, 2015**

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

EB-2013-0416

## **RESIDENTIAL SERVICE CLASSIFICATIONS**

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

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

A customer that does not meet all of the above criteria, but consumes at least 9,600 kWh annually and at least 600 kWh monthly for a minimum of 10 months of the year also qualifies for year-round residential customer classification.

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

Further servicing details are available in the distributor's Conditions of Service.

## **APPLICATION**

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

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

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

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

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

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



# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2015

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

EB-2013-0416

## RESIDENTIAL SERVICE CLASSIFICATIONS

### YEAR-ROUND URBAN DENSITY – UR

#### MONTHLY RATES AND CHARGES – Electricity Component

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2015 Applicable only for Non-RPP Customers	\$/kWh	(0.0006)
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#### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	20.45
Rate Rider for Disposition of Deferral/Variance Accounts – effective until December 31, 2015	\$	0.25
Rate Rider for Revenue Smoothing – effective until December 31, 2015	\$	(0.78)
Smart Metering Entity Charge	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0176
Rate Rider for Disposition of Deferral/Variance Accounts – effective until December 31, 2015	\$/kWh	(0.0001)
Rate Rider for Revenue Smoothing – effective until December 31, 2015	\$/kWh	(0.0007)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0071
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0048

#### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (see Note 12)	\$/kWh	0.0044
Rural Rate Protection Charge (see Note 12)	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

### YEAR-ROUND MEDIUM DENSITY – R1

#### MONTHLY RATES AND CHARGES – Electricity Component

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2015 Applicable only for Non-RPP Customers	\$/kWh	(0.0006)
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#### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	28.16
Rate Rider for Disposition of Deferral/Variance Accounts – effective until December 31, 2015	\$	0.30
Rate Rider for Revenue Smoothing – effective until December 31, 2015	\$	(1.08)
Smart Metering Entity Charge	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0311
Rate Rider for Revenue Smoothing – effective until December 31, 2015	\$/kWh	(0.0012)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0066
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0046

#### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (see Note 12)	\$/kWh	0.0044
Rural Rate Protection Charge (see Note 12)	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2015

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

## YEAR-ROUND LOW DENSITY – R2

### MONTHLY RATES AND CHARGES – Electricity Component

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2015 Applicable only for Non-RPP Customers	\$/kWh	(0.0006)
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### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge*	\$	67.96
Rate Rider for Disposition of Deferral/Variance Accounts – effective until December 31, 2015	\$	0.58
Rate Rider for Revenue Smoothing – effective until December 31, 2015	\$	(2.60)
Smart Metering Entity Charge	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0457
Rate Rider for Disposition of Deferral/Variance Accounts – effective until December 31, 2015	\$/kWh	0.0001
Rate Rider for Revenue Smoothing – effective until December 31, 2015	\$/kWh	(0.0017)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0065
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0045

\* Under the Ontario Energy Board Act, 1998 and associated Regulations, the monthly service charge will be reduced by the RRRP credit amount of \$30.50.

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (see Note 12)	\$/kWh	0.0044
Rural Rate Protection Charge (see Note 12)	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

## SEASONAL

### MONTHLY RATES AND CHARGES – Electricity Component

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2015 Applicable only for Non-RPP Customers	\$/kWh	(0.0006)
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### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	26.57
Rate Rider for Disposition of Deferral/Variance Accounts – effective until December 31, 2015	\$	0.28
Rate Rider for Revenue Smoothing – effective until December 31, 2015	\$	(1.02)
Smart Metering Entity Charge	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0905
Rate Rider for Disposition of Deferral/Variance Accounts – effective until December 31, 2015	\$/kWh	0.0004
Rate Rider for Revenue Smoothing – effective until December 31, 2015	\$/kWh	(0.0035)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0053
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0043

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (see Note 12)	\$/kWh	0.0044
Rural Rate Protection Charge (see Note 12)	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# **Hydro One Networks Inc.**

## **TARIFF OF RATES AND CHARGES**

### **Effective and Implementation Date January 1, 2015**

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

EB-2013-0416

## **GENERAL SERVICE CLASSIFICATIONS**

General Service classification applies to any service that does not fit the description of residential classes. It includes combination type services where a variety of uses are made of the service by the owner of one property, and all multiple services except residential. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

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

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

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

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

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

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

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2015

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EB-2013-0416

#### URBAN GENERAL SERVICE ENERGY BILLED – UGe

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

##### MONTHLY RATES AND CHARGES – Electricity Component

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2015		
Applicable only for Non-RPP Customers	\$/kWh	(0.0006)

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

Service Charge	\$	23.15
Rate Rider for Disposition of Deferral/Variance Accounts – effective until December 31, 2015	\$	0.25
Rate Rider for Revenue Smoothing – effective until December 31, 2015	\$	(0.88)
Smart Metering Entity Charge	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0240
Rate Rider for Disposition of Deferral/Variance Accounts – effective until December 31, 2015	\$/kWh	(0.0001)
Rate Rider for Revenue Smoothing – effective until December 31, 2015	\$/kWh	(0.0009)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0062
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0038

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

Wholesale Market Service Rate (see Note 12)	\$/kWh	0.0044
Rural Rate Protection Charge (see Note 12)	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

#### GENERAL SERVICE ENERGY BILLED – GSe

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

##### MONTHLY RATES AND CHARGES – Electricity Component

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2015		
Applicable only for Non-RPP Customers	\$/kWh	(0.0006)

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

Service Charge	\$	30.08
Rate Rider for Disposition of Deferral/Variance Accounts – effective until December 31, 2015	\$	0.31
Rate Rider for Revenue Smoothing – effective until December 31, 2015	\$	(1.15)
Smart Metering Entity Charge	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0538
Rate Rider for Disposition of Deferral/Variance Accounts – effective until December 31, 2015	\$/kWh	0.0001
Rate Rider for Revenue Smoothing – effective until December 31, 2015	\$/kWh	(0.0021)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0058
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0036

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

Wholesale Market Service Rate (see Note 12)	\$/kWh	0.0044
Rural Rate Protection Charge (see Note 12)	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2015

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

EB-2013-0416

#### URBAN GENERAL SERVICE DEMAND BILLED – UGd

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

#### MONTHLY RATES AND CHARGES – Electricity Component

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2015		
Applicable only for Non-RPP Customers	\$/kWh	(0.0006)

#### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	85.01
Rate Rider for Disposition of Deferral/Variance Accounts – effective until December 31, 2015	\$	0.66
Rate Rider for Revenue Smoothing – effective until December 31, 2015	\$	(3.25)
Distribution Volumetric Rate	\$/kW	7.9567
Rate Rider for Disposition of Deferral/Variance Accounts – effective until December 31, 2015	\$/kW	(0.0434)
Rate Rider for Revenue Smoothing – effective until December 31, 2015	\$/kW	(0.3004)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kW	1.9346
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kW	1.2106

#### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (see Note 12)	\$/kWh	0.0044
Rural Rate Protection Charge (see Note 12)	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2015

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

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

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

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2015 Applicable only for Non-RPP Customers	\$/kWh	(0.0006)
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#### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	83.96
Rate Rider for Disposition of Deferral/Variance Accounts – effective until December 31, 2015	\$	0.65
Rate Rider for Revenue Smoothing – effective until December 31, 2015	\$	(3.21)
Distribution Volumetric Rate	\$/kW	13.8294
Rate Rider for Disposition of Deferral/Variance Accounts – effective until December 31, 2015	\$/kW	0.0144
Rate Rider for Revenue Smoothing – effective until December 31, 2015	\$/kW	(0.5244)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kW	1.5478
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kW	0.9911

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

Wholesale Market Service Rate (see Note 12)	\$/kWh	0.0044
Rural Rate Protection Charge (see Note 12)	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2015

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EB-2013-0416

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

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

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

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2015			
Applicable only for Non-RPP Customers		\$/kWh	(0.0006)

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

Service Charge			\$ 168.02
Rate Rider for Disposition of Deferral/Variance Accounts – effective until December 31, 2015		\$	1.72
Rate Rider for Revenue Smoothing – effective until December 31, 2015		\$	(6.42)
Distribution Volumetric Rate		\$/kW	3.3629
Rate Rider for Disposition of Deferral/Variance Accounts – effective until December 31, 2015		\$/kW	0.0047
Rate Rider for Revenue Smoothing – effective until December 31, 2015		\$/kW	(0.1248)
Retail Transmission Rate – Network Service Rate (see Note 4)		\$/kW	0.5175
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)		\$/kW	0.3245

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

Wholesale Market Service Rate (see Note 12)			\$/kWh 0.0044
Rural Rate Protection Charge (see Note 12)		\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)		\$	0.25

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2015

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## SUB TRANSMISSION – ST

This classification applies to either:

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

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

## MONTHLY RATES AND CHARGES – Electricity Component

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2015 Applicable only for Non-RPP Customers	\$/kWh	(0.0006)
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## MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	453.70
Rate Rider for Disposition of Deferral/Variance Accounts – effective until December 31, 2015	\$	6.54
Rate Rider for Revenue Smoothing – effective until December 31, 2015	\$	(32.96)
Meter Charge (for Hydro One ownership) (see Note 11)	\$	675.53
Facility Charge for connection to Common ST Lines (44 kV to 13.8 kV) (see Notes 1, 8 and 14)	\$/kW	1.1227
Facility Charge for connection to Specific ST Lines (44 kV to 13.8 kV) (see Note 2)	\$/km	960.9097
Facility Charge for connection to Specific Primary Lines (12.5 kV to 4.16 kV) (see Note 2)	\$/km	722.7036
Facility Charge for connection to high-voltage (> 13.8 kV secondary) delivery High Voltage Distribution Station (see Notes 1 and 14)	\$/kW	1.8444
Facility Charge for connection to low-voltage (< 13.8 kV secondary) delivery High Voltage Distribution Station (see Notes 1 and 14)	\$/kW	3.8691
Facility Charge for connection to low-voltage (< 13.8 kV secondary) Low Voltage Distribution Station (see Notes 3 and 14)	\$/kW	2.0247
Rate Rider for Disposition of Deferral/Variance Accounts (General) – effective until December 31, 2015 (see Notes 1, 9 and 14)	\$/kW	0.1895
Rate Rider for Disposition of Deferral/Variance Account (Wholesale Market Service Rate) – effective until December 31, 2015 (see Notes 1, 10 and 14)	\$/kW	(0.2685)
Rate Rider for Revenue Smoothing – effective until December 31, 2015	\$/kW	(0.0477)
Retail Transmission Service Rates (see Notes 6 and 7)		
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kW	3.4482
Retail Transmission Rate – Line Connection Service Rate (see Note 5)	\$/kW	0.7512
Retail Transmission Rate – Transformation Connection Service Rate (see Note 5)	\$/kW	1.7838

## MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (see Note 12)	\$/kWh	0.0044
Rural Rate Protection Charge (see Note 12)	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25



# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2015

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## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES – Electricity Component

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2015 Applicable only for Non-RPP Customers	\$/kWh	(0.0006)
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### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	39.41
Rate Rider for Disposition of Deferral/Variance Accounts – effective until December 31, 2015	\$	0.35
Rate Rider for Revenue Smoothing – effective until December 31, 2015	\$	(1.51)
Distribution Volumetric Rate	\$/kWh	0.0307
Rate Rider for Revenue Smoothing – effective until December 31, 2015	\$/kWh	(0.0012)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0046
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0030

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (see Note 12)	\$/kWh	0.0044
Rural Rate Protection Charge (see Note 12)	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2015

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## SENTINEL LIGHTING SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES – Electricity Component

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2015		
Applicable only for Non-RPP Customers	\$/kWh	(0.0006)

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	2.42
Rate Rider for Disposition of Deferral/Variance Accounts – effective until December 31, 2015	\$	0.03
Rate Rider for Revenue Smoothing – effective until December 31, 2015	\$	(0.09)
Distribution Volumetric Rate	\$/kWh	0.1149
Rate Rider for Disposition of Deferral/Variance Accounts – effective until December 31, 2015	\$/kWh	0.0005
Rate Rider for Revenue Smoothing – effective until December 31, 2015	\$/kWh	(0.0044)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0039
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0032

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (see Note 12)	\$/kWh	0.0044
Rural Rate Protection Charge (see Note 12)	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

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## STREET LIGHTING SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES – Electricity Component

Rate Rider for Disposition of Global Adjustment Sub-Account – effective until December 31, 2015		
Applicable only for Non-RPP Customers	\$/kWh	(0.0006)

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	4.02
Rate Rider for Disposition of Deferral/Variance Accounts – effective until December 31, 2015	\$	0.04
Rate Rider for Revenue Smoothing – effective until December 31, 2015	\$	(0.15)
Distribution Volumetric Rate	\$/kWh	0.0907
Rate Rider for Disposition of Deferral/Variance Accounts – effective until December 31, 2015	\$/kWh	0.0004
Rate Rider for Revenue Smoothing – effective until December 31, 2015	\$/kWh	(0.0035)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0039
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0032

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (see Note 12)	\$/kWh	0.0044
Rural Rate Protection Charge (see Note 12)	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2015

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

EB-2013-0416

## microFIT GENERATOR SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	5.40
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# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2015

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## ALLOWANCES

### CUSTOMER-SUPPLIED TRANSFORMATION ALLOWANCE

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

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

### TRANSFORMER LOSS ALLOWANCE

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

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

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

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

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

## LOSS FACTORS

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

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2015

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## SPECIFIC SERVICE CHARGES

### APPLICATION

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

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

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

Customer Administration		
Arrears certificate	\$	15.00
Easement charge for unregistered rights	\$	15.00
Returned cheque charge (plus bank charges)	\$	15.00
Account set up charge	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection/Load Limiter	\$	30.00
Collection/Disconnect/Load Limiter/Reconnect trip (at meter) - during regular hours	\$	65.00
Collection/Disconnect/Load Limiter/Reconnect trip (at meter) - after regular hours	\$	185.00
Collection/Disconnect/Load Limiter/Reconnect trip (at pole) - during regular hours	\$	185.00
Collection/Disconnect/Load Limiter/Reconnect trip (at pole) - after regular hours	\$	415.00
Temporary service install & remove	\$	500.00
Specific Charge for Cable and Telecom Companies Access to the Power Poles - \$/pole/year	\$	37.05
Specific Charge for LDCs Access to the Power Poles - \$/pole/year	\$	see below
Specific Charge for Generator Access to the Power Poles - \$/pole/year	\$	see below
Service Layout Fee – Basic	\$	630.00
Service Layout Fee – Complex	\$	835.00
Crossing Application – Pipeline	\$	2,510.00
Crossing Application – Water	\$	3,190.00
Crossing Application – Railroad	\$	6,060.00
Line Staking - \$/meter	\$	4.90
Central Metering – New Service < 45 kW	\$	120.00
Conversion to Central Metering < 45 kW	\$	1,035.00
Conversion to Central Metering > 45 kW	\$	915.00
Tingle Voltage Test in excess of 4 hours – per hour (average 2 additional hours)	\$	140.00
Standby Administration Charge – per month	\$	515.00
Connection Impact Assessment (CIA) Charge – CAE Small DG & Net Metering	\$	5,580.00
Connection Impact Assessment (CIA) Charge – Greater than CAE Small DG & Net Metering	\$	11,985.00
Sentinel Lights Rental Rate – per month	\$	8.97
Sentinel Lights Pole Rental Rate – per month	\$	4.15
Joint Use for Municipality Streetlights	\$	2.04

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2015

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

EB-2013-0416

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

LDC Rate for 10' of power space	\$	46.88
LDC Rate for 15' of power space	\$	56.25
LDC Rate for 20' of power space	\$	62.81
LDC Rate for 25' of power space	\$	66.56
LDC Rate for 30' of power space	\$	70.31
LDC Rate for 35' of power space	\$	73.13
LDC Rate for 40' of power space	\$	75.00
LDC Rate for 45' of power space	\$	76.88
LDC Rate for 50' of power space	\$	77.81
LDC Rate for 55' of power space	\$	79.69
LDC Rate for 60' of power space	\$	80.63

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

Generator Rate for 10' of power space	\$	46.88
Generator Rate for 15' of power space	\$	56.25
Generator Rate for 20' of power space	\$	62.81
Generator Rate for 25' of power space	\$	66.56
Generator Rate for 30' of power space	\$	70.31
Generator Rate for 35' of power space	\$	73.13
Generator Rate for 40' of power space	\$	75.00
Generator Rate for 45' of power space	\$	76.88
Generator Rate for 50' of power space	\$	77.81
Generator Rate for 55' of power space	\$	79.69
Generator Rate for 60' of power space	\$	80.63

# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2015

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EB-2013-0416

## RETAIL SERVICE CHARGES (if applicable)

### APPLICATION

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

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

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

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

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

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



# Hydro One Networks Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2015

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**NOTES:**

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

**2015 Bill Impacts (Low Consumption Level)**

Rate Class	UR
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor-Current	1.078
Loss factor-Proposed	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted - Current	107.8
Monthly Consumption (kWh) - Uplifted - Proposed	105.7
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	24.67%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>24.67%</b>	
TOU-Off Peak	64	0.075	4.80	64	0.075	4.80	0.00	0.00%		13.50%
TOU-Mid Peak	18	0.112	2.02	18	0.112	2.02	0.00	0.00%		5.67%
TOU-On Peak	18	0.135	2.43	18	0.135	2.43	0.00	0.00%		6.83%
<b>Sub-Total: Energy (TOU)</b>			<b>9.25</b>			<b>9.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>26.52%</b>	<b>26.00%</b>
Service Charge	1	12.72	12.72	1	20.45	20.45	7.73	60.77%	58.66%	57.51%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-0.78	-0.78	-0.78	0.00%	-2.24%	-2.19%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.25	0.25	0.25	0.00%	0.72%	0.70%
Distribution Volumetric Rate	100	0.02557	2.56	100	0.0176	1.76	-0.80	-31.17%	5.05%	4.95%
Volumetric Smoothing Rider	100	0	0.00	100	-0.0007	-0.07	-0.07	0.00%	-0.20%	-0.20%
Volumetric Deferral/Variance Account Rider	100	0.00061	0.06	100	-0.0001	-0.01	-0.07	-116.39%	-0.03%	-0.03%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>19.26</b>			<b>21.60</b>	<b>2.34</b>	<b>12.16%</b>	<b>61.96%</b>	<b>60.75%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	2.27%	2.22%
Line Losses on Cost of Power (based on two-tier RPP prices)	8	0.09	0.67	6	0.09	0.49	-0.18	-26.92%	1.41%	1.38%
Line Losses on Cost of Power (based on TOU prices)	8	0.09	0.72	6	0.09	0.53	-0.19	-26.92%	1.51%	1.48%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>20.72</b>			<b>22.88</b>	<b>2.16</b>	<b>10.43%</b>	<b>65.63%</b>	<b>64.35%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>20.77</b>			<b>22.92</b>	<b>2.15</b>	<b>10.34%</b>	<b>65.74%</b>	<b>64.45%</b>
Retail Transmission Rate – Network Service Rate	108	0.00707	0.76	106	0.0071	0.75	-0.01	-1.53%	2.15%	2.11%
Retail Transmission Rate – Line and Transformation Connection	108	0.00489	0.53	106	0.0048	0.51	-0.02	-3.75%	1.46%	1.43%
<b>Sub-Total: Retail Transmission</b>			<b>1.29</b>			<b>1.26</b>	<b>-0.03</b>	<b>-2.44%</b>	<b>3.61%</b>	<b>3.54%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>22.01</b>			<b>24.14</b>	<b>2.13</b>	<b>9.68%</b>	<b>69.24%</b>	<b>67.89%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>22.06</b>			<b>24.17</b>	<b>2.12</b>	<b>9.59%</b>	<b>69.34%</b>	<b>67.99%</b>
Wholesale Market Service Rate	108	0.0044	0.47	106	0.0044	0.47	-0.01	-1.95%	1.33%	1.31%
Rural Rate Protection Charge	108	0.0012	0.13	106	0.0012	0.13	0.00	-1.95%	0.36%	0.36%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.72%	0.70%
<b>Sub-Total: Regulatory</b>			<b>0.85</b>			<b>0.84</b>	<b>-0.01</b>	<b>-1.38%</b>	<b>2.41%</b>	<b>2.37%</b>
Debt Retirement Charge (DRC)	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	2.01%	1.97%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>32.16</b>			<b>34.28</b>	<b>2.12</b>	<b>6.59%</b>	<b>98.33%</b>	
HST		0.13	4.18		0.13	4.46	0.28	6.59%	12.78%	
<b>Total Bill (including HST)</b>			<b>36.34</b>			<b>38.74</b>	<b>2.39</b>	<b>6.59%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-3.63		-0.10	-3.87	-0.24	6.59%	-11.11%	
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>32.71</b>			<b>34.86</b>	<b>2.15</b>	<b>6.59%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>32.86</b>			<b>34.96</b>	<b>2.10</b>	<b>6.41%</b>		<b>98.33%</b>
HST		0.13	4.27		0.13	4.55	0.27	6.41%		12.78%
<b>Total Bill (including HST)</b>			<b>37.13</b>			<b>39.51</b>	<b>2.38</b>	<b>6.41%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-3.71		-0.10	-3.95	-0.24	6.41%		-11.11%
<b>Total Bill on TOU (including HST and OCEB)</b>			<b>33.42</b>			<b>35.56</b>	<b>2.14</b>	<b>6.41%</b>		<b>100.00%</b>

**2015 Bill Impacts (Typical Consumption Level)**

Rate Class	UR
Monthly Consumption (kWh)	800
Peak (kW)	0
Loss factor-Current	1.078
Loss factor-Proposed	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted - Current	862.4
Monthly Consumption (kWh) - Uplifted - Proposed	845.6
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	38.67%	
Energy Second Tier (kWh)	200	0.101	20.20	200	0.101	20.20	0.00	0.00%	15.14%	
<b>Sub-Total: Energy (RPP)</b>			<b>71.80</b>			<b>71.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.81%</b>	
TOU-Off Peak	512	0.075	38.40	512	0.075	38.40	0.00	0.00%		28.39%
TOU-Mid Peak	144	0.112	16.13	144	0.112	16.13	0.00	0.00%		11.93%
TOU-On Peak	144	0.135	19.44	144	0.135	19.44	0.00	0.00%		14.37%
<b>Sub-Total: Energy (TOU)</b>			<b>73.97</b>			<b>73.97</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.43%</b>	<b>54.69%</b>
Service Charge	1	12.72	12.72	1	20.45	20.45	7.73	60.77%	15.33%	15.12%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-0.78	-0.78	-0.78	0.00%	-0.58%	-0.58%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.25	0.25	0.25	0.00%	0.19%	0.18%
Distribution Volumetric Rate	800	0.02557	20.46	800	0.0176	14.08	-6.38	-31.17%	10.55%	10.41%
Volumetric Smoothing Rider	800	0	0.00	800	-0.0007	-0.56	-0.56	0.00%	-0.42%	-0.41%
Volumetric Deferral/Variance Account Rider	800	0.00061	0.49	800	-0.0001	-0.08	-0.57	-116.39%	-0.06%	-0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>37.58</b>			<b>33.36</b>	<b>-4.22</b>	<b>-11.24%</b>	<b>25.00%</b>	<b>24.67%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.59%	0.58%
Line Losses on Cost of Power (based on two-tier RPP prices)	62	0.10	6.30	46	0.10	4.61	-1.70	-26.92%	3.45%	3.41%
Line Losses on Cost of Power (based on TOU prices)	62	0.09	5.77	46	0.09	4.22	-1.55	-26.92%	3.16%	3.12%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>44.68</b>			<b>38.76</b>	<b>-5.92</b>	<b>-13.25%</b>	<b>29.04%</b>	<b>28.66%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>44.14</b>			<b>38.37</b>	<b>-5.78</b>	<b>-13.09%</b>	<b>28.75%</b>	<b>28.37%</b>
Retail Transmission Rate – Network Service Rate	862	0.00707	6.10	846	0.0071	6.00	-0.09	-1.53%	4.50%	4.44%
Retail Transmission Rate – Line and Transformation Connection \$	862	0.00489	4.22	846	0.0048	4.06	-0.16	-3.75%	3.04%	3.00%
<b>Sub-Total: Retail Transmission</b>			<b>10.31</b>			<b>10.06</b>	<b>-0.25</b>	<b>-2.44%</b>	<b>7.54%</b>	<b>7.44%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>54.99</b>			<b>48.82</b>	<b>-6.17</b>	<b>-11.22%</b>	<b>36.59%</b>	<b>36.10%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>54.46</b>			<b>48.43</b>	<b>-6.03</b>	<b>-11.07%</b>	<b>36.29%</b>	<b>35.81%</b>
Wholesale Market Service Rate	862	0.0044	3.79	846	0.0044	3.72	-0.07	-1.95%	2.79%	2.75%
Rural Rate Protection Charge	862	0.0012	1.03	846	0.0012	1.01	-0.02	-1.95%	0.76%	0.75%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.19%	0.18%
<b>Sub-Total: Regulatory</b>			<b>5.08</b>			<b>4.99</b>	<b>-0.09</b>	<b>-1.85%</b>	<b>3.74%</b>	<b>3.69%</b>
Debt Retirement Charge (DRC)	800	0.007	5.60	800	0.007	5.60	0.00	0.00%	4.20%	4.14%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>137.47</b>			<b>131.20</b>	<b>-6.27</b>	<b>-4.56%</b>	<b>98.33%</b>	
HST		0.13	17.87		0.13	17.06	-0.81	-4.56%	12.78%	
<b>Total Bill (including HST)</b>			<b>155.34</b>			<b>148.26</b>	<b>-7.08</b>	<b>-4.56%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-15.53		-0.10	-14.83	0.71	-4.56%	-11.11%	
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>139.81</b>			<b>133.43</b>	<b>-6.37</b>	<b>-4.56%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>139.11</b>			<b>132.98</b>	<b>-6.12</b>	<b>-4.40%</b>		<b>98.33%</b>
HST		0.13	18.08		0.13	17.29	-0.80	-4.40%		12.78%
<b>Total Bill (including HST)</b>			<b>157.19</b>			<b>150.27</b>	<b>-6.92</b>	<b>-4.40%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-15.72		-0.10	-15.03	0.69	-4.40%		-11.11%
<b>Total Bill on TOU (including HST and OCEB)</b>			<b>141.47</b>			<b>135.24</b>	<b>-6.23</b>	<b>-4.40%</b>		<b>100.00%</b>

**2015 Bill Impacts (High Consumption Level)**

Rate Class	UR
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor-Current	1.078
Loss factor-Proposed	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted - Current	2156
Monthly Consumption (kWh) - Uplifted - Proposed	2114
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	16.36%	
Energy Second Tier (kWh)	1,400	0.101	141.40	1,400	0.101	141.40	0.00	0.00%	44.84%	
<b>Sub-Total: Energy (RPP)</b>			<b>193.00</b>			<b>193.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>61.20%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		31.36%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		13.17%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		15.88%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.64%</b>	<b>60.41%</b>
Service Charge	1	12.72	12.72	1	20.45	20.45	7.73	60.77%	6.49%	6.68%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-0.78	-0.78	-0.78	0.00%	-0.25%	-0.25%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.25	0.25	0.25	0.00%	0.08%	0.08%
Distribution Volumetric Rate	2,000	0.02557	51.14	2,000	0.0176	35.20	-15.94	-31.17%	11.16%	11.50%
Volumetric Smoothing Rider	2,000	0	0.00	2,000	-0.0007	-1.40	-1.40	0.00%	-0.44%	-0.46%
Volumetric Deferral/Variance Account Rider	2,000	0.00061	1.22	2,000	-0.0001	-0.20	-1.42	-116.39%	-0.06%	-0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>69.00</b>			<b>53.52</b>	<b>-15.48</b>	<b>-22.43%</b>	<b>16.97%</b>	<b>17.48%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.25%	0.26%
Line Losses on Cost of Power (based on two-tier RPP prices)	156	0.10	15.76	114	0.10	11.51	-4.24	-26.92%	3.65%	3.76%
Line Losses on Cost of Power (based on TOU prices)	156	0.09	14.42	114	0.09	10.54	-3.88	-26.92%	3.34%	3.44%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>85.55</b>			<b>65.82</b>	<b>-19.72</b>	<b>-23.05%</b>	<b>20.87%</b>	<b>21.50%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>84.21</b>			<b>64.85</b>	<b>-19.36</b>	<b>-22.99%</b>	<b>20.57%</b>	<b>21.18%</b>
Retail Transmission Rate – Network Service Rate	2,156	0.00707	15.24	2,114	0.0071	15.01	-0.23	-1.53%	4.76%	4.90%
Retail Transmission Rate – Line and Transformation Connection	2,156	0.00489	10.54	2,114	0.0048	10.15	-0.40	-3.75%	3.22%	3.31%
<b>Sub-Total: Retail Transmission</b>			<b>25.79</b>			<b>25.16</b>	<b>-0.63</b>	<b>-2.44%</b>	<b>7.98%</b>	<b>8.22%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>111.33</b>			<b>90.98</b>	<b>-20.35</b>	<b>-18.28%</b>	<b>28.85%</b>	<b>29.72%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>110.00</b>			<b>90.01</b>	<b>-19.99</b>	<b>-18.18%</b>	<b>28.54%</b>	<b>29.40%</b>
Wholesale Market Service Rate	2,156	0.0044	9.49	2,114	0.0044	9.30	-0.18	-1.95%	2.95%	3.04%
Rural Rate Protection Charge	2,156	0.0012	2.59	2,114	0.0012	2.54	-0.05	-1.95%	0.80%	0.83%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Regulatory</b>			<b>12.32</b>			<b>12.09</b>	<b>-0.24</b>	<b>-1.91%</b>	<b>3.83%</b>	<b>3.95%</b>
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	4.44%	4.57%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>330.66</b>			<b>310.07</b>	<b>-20.59</b>	<b>-6.23%</b>	<b>98.33%</b>	
HST		0.13	42.99		0.13	40.31	-2.68	-6.23%	12.78%	
<b>Total Bill (including HST)</b>			<b>373.64</b>			<b>350.38</b>	<b>-23.26</b>	<b>-6.23%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-37.36		-0.10	-35.04	2.33	-6.23%	-11.11%	
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>336.28</b>			<b>315.34</b>	<b>-20.94</b>	<b>-6.23%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>321.24</b>			<b>301.02</b>	<b>-20.23</b>	<b>-6.30%</b>		<b>98.33%</b>
HST		0.13	41.76		0.13	39.13	-2.63	-6.30%		12.78%
<b>Total Bill (including HST)</b>			<b>363.00</b>			<b>340.15</b>	<b>-22.86</b>	<b>-6.30%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-36.30		-0.10	-34.01	2.29	-6.30%		-11.11%
<b>Total Bill on TOU (including HST and OCEB)</b>			<b>326.70</b>			<b>306.13</b>	<b>-20.57</b>	<b>-6.30%</b>		<b>100.00%</b>

**2015 Bill Impacts (Low Consumption Level)**

Rate Class	R1
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor-Current	1.085
Loss factor-Proposed	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted - Current	108.5
Monthly Consumption (kWh) - Uplifted - Proposed	107.6
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	19.59%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>19.59%</b>	
TOU-Off Peak	64	0.075	4.80	64	0.075	4.80	0.00	0.00%		10.76%
TOU-Mid Peak	18	0.112	2.02	18	0.112	2.02	0.00	0.00%		4.52%
TOU-On Peak	18	0.135	2.43	18	0.135	2.43	0.00	0.00%		5.45%
<b>Sub-Total: Energy (TOU)</b>			<b>9.25</b>			<b>9.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>21.06%</b>	<b>20.73%</b>
Service Charge	1	20.15	20.15	1	28.16	28.16	8.01	39.75%	64.14%	63.12%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-1.08	-1.08	-1.08	0.00%	-2.46%	-2.42%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.30	0.30	0.30	0.00%	0.68%	0.67%
Distribution Volumetric Rate	100	0.0339	3.39	100	0.0311	3.11	-0.28	-8.26%	7.08%	6.97%
Volumetric Smoothing Rider	100	0	0.00	100	-0.0012	-0.12	-0.12	0.00%	-0.27%	-0.27%
Volumetric Deferral/Variance Account Rider	100	0.00107	0.11	100	0.0000	0.00	-0.11	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>27.57</b>			<b>30.37</b>	<b>2.80</b>	<b>10.17%</b>	<b>69.17%</b>	<b>68.08%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.80%	1.77%
Line Losses on Cost of Power (based on two-tier RPP prices)	9	0.09	0.73	8	0.09	0.65	-0.08	-10.59%	1.49%	1.47%
Line Losses on Cost of Power (based on TOU prices)	9	0.09	0.79	8	0.09	0.70	-0.08	-10.59%	1.60%	1.58%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>29.09</b>			<b>31.81</b>	<b>2.73</b>	<b>9.37%</b>	<b>72.46%</b>	<b>71.31%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>29.14</b>			<b>31.86</b>	<b>2.72</b>	<b>9.33%</b>	<b>72.57%</b>	<b>71.42%</b>
Retail Transmission Rate – Network Service Rate	109	0.00719	0.78	108	0.0066	0.71	-0.07	-8.97%	1.62%	1.59%
Retail Transmission Rate – Line and Transformation Connection	109	0.00499	0.54	108	0.0046	0.49	-0.05	-8.58%	1.13%	1.11%
<b>Sub-Total: Retail Transmission</b>			<b>1.32</b>			<b>1.21</b>	<b>-0.12</b>	<b>-8.81%</b>	<b>2.74%</b>	<b>2.70%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>30.41</b>			<b>33.02</b>	<b>2.61</b>	<b>8.58%</b>	<b>75.20%</b>	<b>74.01%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>30.46</b>			<b>33.07</b>	<b>2.60</b>	<b>8.55%</b>	<b>75.32%</b>	<b>74.12%</b>
Wholesale Market Service Rate	109	0.0044	0.48	108	0.0044	0.47	0.00	-0.83%	1.08%	1.06%
Rural Rate Protection Charge	109	0.0012	0.13	108	0.0012	0.13	0.00	-0.83%	0.29%	0.29%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.57%	0.56%
<b>Sub-Total: Regulatory</b>			<b>0.86</b>			<b>0.85</b>	<b>-0.01</b>	<b>-0.59%</b>	<b>1.94%</b>	<b>1.91%</b>
Debt Retirement Charge (DRC)	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	1.59%	1.57%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>40.57</b>			<b>43.17</b>	<b>2.60</b>	<b>6.42%</b>	<b>98.33%</b>	
HST		0.13	5.27		0.13	5.61	0.34	6.42%	12.78%	
<b>Total Bill (including HST)</b>			<b>45.84</b>			<b>48.78</b>	<b>2.94</b>	<b>6.42%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-4.58		-0.10	-4.88	-0.29	6.42%	-11.11%	
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>41.26</b>			<b>43.91</b>	<b>2.65</b>	<b>6.42%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>41.27</b>			<b>43.87</b>	<b>2.60</b>	<b>6.30%</b>		<b>98.33%</b>
HST		0.13	5.36		0.13	5.70	0.34	6.30%		12.78%
<b>Total Bill (including HST)</b>			<b>46.63</b>			<b>49.57</b>	<b>2.94</b>	<b>6.30%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-4.66		-0.10	-4.96	-0.29	6.30%		-11.11%
<b>Total Bill on TOU (including HST and OCEB)</b>			<b>41.97</b>			<b>44.61</b>	<b>2.64</b>	<b>6.30%</b>		<b>100.00%</b>

**2015 Bill Impacts (Typical Consumption Level)**

Rate Class	R1
Monthly Consumption (kWh)	800
Peak (kW)	0
Loss factor-Current	1.085
Loss factor-Proposed	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted - Current	868
Monthly Consumption (kWh) - Uplifted - Proposed	860.8
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	33.75%	
Energy Second Tier (kWh)	200	0.101	20.20	200	0.101	20.20	0.00	0.00%	13.21%	
<b>Sub-Total: Energy (RPP)</b>			<b>71.80</b>			<b>71.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.96%</b>	
TOU-Off Peak	512	0.075	38.40	512	0.075	38.40	0.00	0.00%		24.84%
TOU-Mid Peak	144	0.112	16.13	144	0.112	16.13	0.00	0.00%		10.43%
TOU-On Peak	144	0.135	19.44	144	0.135	19.44	0.00	0.00%		12.58%
<b>Sub-Total: Energy (TOU)</b>			<b>73.97</b>			<b>73.97</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.38%</b>	<b>47.85%</b>
Service Charge	1	20.15	20.15	1	28.16	28.16	8.01	39.75%	18.42%	18.22%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-1.08	-1.08	-1.08	0.00%	-0.71%	-0.70%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.30	0.30	0.30	0.00%	0.20%	0.19%
Distribution Volumetric Rate	800	0.0339	27.12	800	0.0311	24.88	-2.24	-8.26%	16.27%	16.10%
Volumetric Smoothing Rider	800	0	0.00	800	-0.0012	-0.96	-0.96	0.00%	-0.63%	-0.62%
Volumetric Deferral/Variance Account Rider	800	0.00107	0.86	800	0.0000	0.00	-0.86	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>52.05</b>			<b>51.30</b>	<b>-0.75</b>	<b>-1.43%</b>	<b>33.55%</b>	<b>33.19%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.52%	0.51%
Line Losses on Cost of Power (based on two-tier RPP prices)	68	0.10	6.87	61	0.10	6.14	-0.73	-10.59%	4.02%	3.97%
Line Losses on Cost of Power (based on TOU prices)	68	0.09	6.29	61	0.09	5.62	-0.67	-10.59%	3.68%	3.64%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>59.70</b>			<b>58.23</b>	<b>-1.47</b>	<b>-2.47%</b>	<b>38.08%</b>	<b>37.67%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>59.12</b>			<b>57.71</b>	<b>-1.41</b>	<b>-2.39%</b>	<b>37.75%</b>	<b>37.34%</b>
Retail Transmission Rate – Network Service Rate	868	0.00719	6.24	861	0.0066	5.68	-0.56	-8.97%	3.72%	3.68%
Retail Transmission Rate – Line and Transformation Connection	868	0.00499	4.33	861	0.0046	3.96	-0.37	-8.58%	2.59%	2.56%
<b>Sub-Total: Retail Transmission</b>			<b>10.57</b>			<b>9.64</b>	<b>-0.93</b>	<b>-8.81%</b>	<b>6.31%</b>	<b>6.24%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>70.28</b>			<b>67.87</b>	<b>-2.40</b>	<b>-3.42%</b>	<b>44.39%</b>	<b>43.91%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>69.70</b>			<b>67.35</b>	<b>-2.34</b>	<b>-3.36%</b>	<b>44.05%</b>	<b>43.57%</b>
Wholesale Market Service Rate	868	0.0044	3.82	861	0.0044	3.79	-0.03	-0.83%	2.48%	2.45%
Rural Rate Protection Charge	868	0.0012	1.04	861	0.0012	1.03	-0.01	-0.83%	0.68%	0.67%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.16%	0.16%
<b>Sub-Total: Regulatory</b>			<b>5.11</b>			<b>5.07</b>	<b>-0.04</b>	<b>-0.79%</b>	<b>3.32%</b>	<b>3.28%</b>
Debt Retirement Charge (DRC)	800	0.007	5.60	800	0.007	5.60	0.00	0.00%	3.66%	3.62%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>152.79</b>			<b>150.34</b>	<b>-2.44</b>	<b>-1.60%</b>	<b>98.33%</b>	
HST		0.13	19.86		0.13	19.54	-0.32	-1.60%	12.78%	
<b>Total Bill (including HST)</b>			<b>172.65</b>			<b>169.89</b>	<b>-2.76</b>	<b>-1.60%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-17.26		-0.10	-16.99	0.28	-1.60%	-11.11%	
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>155.38</b>			<b>152.90</b>	<b>-2.49</b>	<b>-1.60%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>154.37</b>			<b>151.99</b>	<b>-2.38</b>	<b>-1.54%</b>		<b>98.33%</b>
HST		0.13	20.07		0.13	19.76	-0.31	-1.54%		12.78%
<b>Total Bill (including HST)</b>			<b>174.44</b>			<b>171.75</b>	<b>-2.69</b>	<b>-1.54%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-17.44		-0.10	-17.17	0.27	-1.54%		-11.11%
<b>Total Bill on TOU (including HST and OCEB)</b>			<b>157.00</b>			<b>154.57</b>	<b>-2.42</b>	<b>-1.54%</b>		<b>100.00%</b>

**2015 Bill Impacts (High Consumption Level)**

Rate Class	R1
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor-Current	1.085
Loss factor-Proposed	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted - Current	2170
Monthly Consumption (kWh) - Uplifted - Proposed	2152
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	14.63%	
Energy Second Tier (kWh)	1,400	0.101	141.40	1,400	0.101	141.40	0.00	0.00%	40.10%	
<b>Sub-Total: Energy (RPP)</b>			<b>193.00</b>			<b>193.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.73%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		27.98%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		11.75%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		14.17%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>52.44%</b>	<b>53.90%</b>
Service Charge	1	20.15	20.15	1	28.16	28.16	8.01	39.75%	7.99%	8.21%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-1.08	-1.08	-1.08	0.00%	-0.31%	-0.31%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.30	0.30	0.30	0.00%	0.09%	0.09%
Distribution Volumetric Rate	2,000	0.0339	67.80	2,000	0.0311	62.20	-5.60	-8.26%	17.64%	18.13%
Volumetric Smoothing Rider	2,000	0	0.00	2,000	-0.0012	-2.40	-2.40	0.00%	-0.68%	-0.70%
Volumetric Deferral/Variance Account Rider	2,000	0.00107	2.14	2,000	0.0000	0.00	-2.14	-100.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>94.01</b>			<b>87.18</b>	<b>-6.83</b>	<b>-7.27%</b>	<b>24.72%</b>	<b>25.41%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.22%	0.23%
Line Losses on Cost of Power (based on two-tier RPP prices)	170	0.10	17.17	152	0.10	15.35	-1.82	-10.59%	4.35%	4.47%
Line Losses on Cost of Power (based on TOU prices)	170	0.09	15.72	152	0.09	14.05	-1.66	-10.59%	3.99%	4.10%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>111.97</b>			<b>103.32</b>	<b>-8.65</b>	<b>-7.72%</b>	<b>29.30%</b>	<b>30.12%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>110.52</b>			<b>102.02</b>	<b>-8.49</b>	<b>-7.69%</b>	<b>28.93%</b>	<b>29.74%</b>
Retail Transmission Rate – Network Service Rate	2,170	0.00719	15.60	2,152	0.0066	14.20	-1.40	-8.97%	4.03%	4.14%
Retail Transmission Rate – Line and Transformation Connection	2,170	0.00499	10.83	2,152	0.0046	9.90	-0.93	-8.58%	2.81%	2.89%
<b>Sub-Total: Retail Transmission</b>			<b>26.43</b>			<b>24.10</b>	<b>-2.33</b>	<b>-8.81%</b>	<b>6.84%</b>	<b>7.03%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>138.40</b>			<b>127.42</b>	<b>-10.98</b>	<b>-7.93%</b>	<b>36.14%</b>	<b>37.14%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>136.95</b>			<b>126.13</b>	<b>-10.82</b>	<b>-7.90%</b>	<b>35.77%</b>	<b>36.76%</b>
Wholesale Market Service Rate	2,170	0.0044	9.55	2,152	0.0044	9.47	-0.08	-0.83%	2.69%	2.76%
Rural Rate Protection Charge	2,170	0.0012	2.60	2,152	0.0012	2.58	-0.02	-0.83%	0.73%	0.75%
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>12.40</b>			<b>12.30</b>	<b>-0.10</b>	<b>-0.81%</b>	<b>3.49%</b>	<b>3.59%</b>
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	3.97%	4.08%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>357.80</b>			<b>346.73</b>	<b>-11.08</b>	<b>-3.10%</b>	<b>98.33%</b>	
HST		0.13	46.51		0.13	45.07	-1.44	-3.10%	12.78%	
<b>Total Bill (including HST)</b>			<b>404.32</b>			<b>391.80</b>	<b>-12.52</b>	<b>-3.10%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-40.43		-0.10	-39.18	1.25	-3.10%	-11.11%	
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>363.89</b>			<b>352.62</b>	<b>-11.27</b>	<b>-3.10%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>348.27</b>			<b>337.35</b>	<b>-10.92</b>	<b>-3.14%</b>		<b>98.33%</b>
HST		0.13	45.28		0.13	43.86	-1.42	-3.14%		12.78%
<b>Total Bill (including HST)</b>			<b>393.55</b>			<b>381.20</b>	<b>-12.34</b>	<b>-3.14%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-39.35		-0.10	-38.12	1.23	-3.14%		-11.11%
<b>Total Bill on TOU (including HST and OCEB)</b>			<b>354.19</b>			<b>343.08</b>	<b>-11.11</b>	<b>-3.14%</b>		<b>100.00%</b>



**2015 Bill Impacts (Low Consumption Level)**

Rate Class	R2
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor-Current	1.092
Loss factor-Proposed	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted - Current	109.2
Monthly Consumption (kWh) - Uplifted - Proposed	110.5
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	15.98%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>15.98%</b>	
TOU-Off Peak	64	0.075	4.80	64	0.075	4.80	0.00	0.00%		8.80%
TOU-Mid Peak	18	0.112	2.02	18	0.112	2.02	0.00	0.00%		3.70%
TOU-On Peak	18	0.135	2.43	18	0.135	2.43	0.00	0.00%		4.45%
<b>Sub-Total: Energy (TOU)</b>			<b>9.25</b>			<b>9.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>17.18%</b>	<b>16.95%</b>
Service Charge	1	29.11	29.11	1	37.46	37.46	8.35	28.68%	69.59%	68.67%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-2.60	-2.60	-2.60	0.00%	-4.83%	-4.77%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.58	0.58	0.58	0.00%	1.08%	1.06%
Distribution Volumetric Rate	100	0.03724	3.72	100	0.0457	4.57	0.85	22.72%	8.49%	8.38%
Volumetric Smoothing Rider	100	0	0.00	100	-0.0017	-0.17	-0.17	0.00%	-0.32%	-0.31%
Volumetric Deferral/Variance Account Rider	100	0.00208	0.21	100	0.0001	0.01	-0.20	-95.19%	0.02%	0.02%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>36.96</b>			<b>39.85</b>	<b>2.89</b>	<b>7.81%</b>	<b>74.03%</b>	<b>73.05%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.47%	1.45%
Line Losses on Cost of Power (based on two-tier RPP prices)	9	0.09	0.79	11	0.09	0.90	0.11	14.13%	1.68%	1.66%
Line Losses on Cost of Power (based on TOU prices)	9	0.09	0.85	11	0.09	0.97	0.12	14.13%	1.80%	1.78%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>38.54</b>			<b>41.54</b>	<b>3.00</b>	<b>7.78%</b>	<b>77.18%</b>	<b>76.15%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>38.60</b>			<b>41.61</b>	<b>3.01</b>	<b>7.79%</b>	<b>77.30%</b>	<b>76.28%</b>
Retail Transmission Rate – Network Service Rate	109	0.00702	0.77	111	0.0065	0.72	-0.05	-6.31%	1.33%	1.32%
Retail Transmission Rate – Line and Transformation Connection	109	0.0047	0.51	111	0.0045	0.50	-0.02	-3.12%	0.92%	0.91%
<b>Sub-Total: Retail Transmission</b>			<b>1.28</b>			<b>1.22</b>	<b>-0.06</b>	<b>-5.03%</b>	<b>2.26%</b>	<b>2.23%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>39.82</b>			<b>42.76</b>	<b>2.94</b>	<b>7.37%</b>	<b>79.44%</b>	<b>78.38%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>39.88</b>			<b>42.83</b>	<b>2.94</b>	<b>7.38%</b>	<b>79.56%</b>	<b>78.50%</b>
Wholesale Market Service Rate	109	0.0044	0.48	111	0.0044	0.49	0.01	1.19%	0.90%	0.89%
Rural Rate Protection Charge	109	0.0012	0.13	111	0.0012	0.13	0.00	1.19%	0.25%	0.24%
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>0.86</b>			<b>0.87</b>	<b>0.01</b>	<b>0.85%</b>	<b>1.61%</b>	<b>1.59%</b>
Debt Retirement Charge (DRC)	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	1.30%	1.28%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>49.98</b>			<b>52.93</b>	<b>2.94</b>	<b>5.89%</b>	<b>98.33%</b>	
HST		0.13	6.50		0.13	6.88	0.38	5.89%	12.78%	
<b>Total Bill (including HST)</b>			<b>56.48</b>			<b>59.81</b>	<b>3.33</b>	<b>5.89%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-5.65		-0.10	-5.98	-0.33	5.89%	-11.11%	
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>50.83</b>			<b>53.83</b>	<b>2.99</b>	<b>5.89%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>50.69</b>			<b>53.64</b>	<b>2.95</b>	<b>5.82%</b>		<b>98.33%</b>
HST		0.13	6.59		0.13	6.97	0.38	5.82%		12.78%
<b>Total Bill (including HST)</b>			<b>57.28</b>			<b>60.61</b>	<b>3.33</b>	<b>5.82%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-5.73		-0.10	-6.06	-0.33	5.82%		-11.11%
<b>Total Bill on TOU (including HST and OCEB)</b>			<b>51.55</b>			<b>54.55</b>	<b>3.00</b>	<b>5.82%</b>		<b>100.00%</b>



**2015 Bill Impacts (Typical Consumption Level)**

Rate Class	R2
Monthly Consumption (kWh)	800
Peak (kW)	0
Loss factor-Current	1.092
Loss factor-Proposed	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted - Current	873.6
Monthly Consumption (kWh) - Uplifted - Proposed	884
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	29.44%	
Energy Second Tier (kWh)	200	0.101	20.20	200	0.101	20.20	0.00	0.00%	11.53%	
<b>Sub-Total: Energy (RPP)</b>			<b>71.80</b>			<b>71.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>40.97%</b>	
TOU-Off Peak	512	0.075	38.40	512	0.075	38.40	0.00	0.00%		21.73%
TOU-Mid Peak	144	0.112	16.13	144	0.112	16.13	0.00	0.00%		9.13%
TOU-On Peak	144	0.135	19.44	144	0.135	19.44	0.00	0.00%		11.00%
<b>Sub-Total: Energy (TOU)</b>			<b>73.97</b>			<b>73.97</b>	<b>0.00</b>	<b>0.00%</b>	<b>42.21%</b>	<b>41.86%</b>
Service Charge	1	29.11	29.11	1	37.46	37.46	8.35	28.68%	21.38%	21.20%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-2.60	-2.60	-2.60	0.00%	-1.48%	-1.47%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.58	0.58	0.58	0.00%	0.33%	0.33%
Distribution Volumetric Rate	800	0.03724	29.79	800	0.0457	36.56	6.77	22.72%	20.86%	20.69%
Volumetric Smoothing Rider	800	0	0.00	800	-0.0017	-1.36	-1.36	0.00%	-0.78%	-0.77%
Volumetric Deferral/Variance Account Rider	800	0.00208	1.66	800	0.0001	0.08	-1.58	-95.19%	0.05%	0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>64.49</b>			<b>70.72</b>	<b>6.23</b>	<b>9.67%</b>	<b>40.35%</b>	<b>40.02%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.45%	0.45%
Line Losses on Cost of Power (based on two-tier RPP prices)	74	0.10	7.43	84	0.10	8.48	1.05	14.13%	4.84%	4.80%
Line Losses on Cost of Power (based on TOU prices)	74	0.09	6.81	84	0.09	7.77	0.96	14.13%	4.43%	4.39%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>72.71</b>			<b>79.99</b>	<b>7.28</b>	<b>10.02%</b>	<b>45.65%</b>	<b>45.27%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>72.08</b>			<b>79.28</b>	<b>7.20</b>	<b>9.98%</b>	<b>45.24%</b>	<b>44.86%</b>
Retail Transmission Rate – Network Service Rate	874	0.00702	6.13	884	0.0065	5.75	-0.39	-6.31%	3.28%	3.25%
Retail Transmission Rate – Line and Transformation Connection	874	0.0047	4.11	884	0.0045	3.98	-0.13	-3.12%	2.27%	2.25%
<b>Sub-Total: Retail Transmission</b>			<b>10.24</b>			<b>9.72</b>	<b>-0.51</b>	<b>-5.03%</b>	<b>5.55%</b>	<b>5.50%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>82.95</b>			<b>89.72</b>	<b>6.77</b>	<b>8.16%</b>	<b>51.19%</b>	<b>50.77%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>82.32</b>			<b>89.00</b>	<b>6.68</b>	<b>8.12%</b>	<b>50.79%</b>	<b>50.36%</b>
Wholesale Market Service Rate	874	0.0044	3.84	884	0.0044	3.89	0.05	1.19%	2.22%	2.20%
Rural Rate Protection Charge	874	0.0012	1.05	884	0.0012	1.06	0.01	1.19%	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%	0.14%	0.14%
<b>Sub-Total: Regulatory</b>			<b>5.14</b>			<b>5.20</b>	<b>0.06</b>	<b>1.13%</b>	<b>2.97%</b>	<b>2.94%</b>
Debt Retirement Charge (DRC)	800	0.007	5.60	800	0.007	5.60	0.00	0.00%	3.20%	3.17%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>165.49</b>			<b>172.32</b>	<b>6.83</b>	<b>4.13%</b>	<b>98.33%</b>	
HST		0.13	21.51		0.13	22.40	0.89	4.13%	12.78%	
<b>Total Bill (including HST)</b>			<b>187.00</b>			<b>194.72</b>	<b>7.72</b>	<b>4.13%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-18.70		-0.10	-19.47	-0.77	4.13%	-11.11%	
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>168.30</b>			<b>175.25</b>	<b>6.94</b>	<b>4.13%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>167.03</b>			<b>173.77</b>	<b>6.74</b>	<b>4.03%</b>		<b>98.33%</b>
HST		0.13	21.71		0.13	22.59	0.88	4.03%		12.78%
<b>Total Bill (including HST)</b>			<b>188.74</b>			<b>196.36</b>	<b>7.62</b>	<b>4.03%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-18.87		-0.10	-19.64	-0.76	4.03%		-11.11%
<b>Total Bill on TOU (including HST and OCEB)</b>			<b>169.87</b>			<b>176.72</b>	<b>6.85</b>	<b>4.03%</b>		<b>100.00%</b>

**2015 Bill Impacts (High Consumption Level)**

Rate Class	R2
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor-Current	1.092
Loss factor-Proposed	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted - Current	2184
Monthly Consumption (kWh) - Uplifted - Proposed	2210
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	13.02%	
Energy Second Tier (kWh)	1,400	0.101	141.40	1,400	0.101	141.40	0.00	0.00%	35.69%	
<b>Sub-Total: Energy (RPP)</b>			<b>193.00</b>			<b>193.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.71%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		24.86%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		10.44%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		12.59%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.67%</b>	<b>47.89%</b>
Service Charge	1	29.11	29.11	1	37.46	37.46	8.35	28.68%	9.45%	9.70%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-2.60	-2.60	-2.60	0.00%	-0.66%	-0.67%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.58	0.58	0.58	0.00%	0.15%	0.15%
Distribution Volumetric Rate	2,000	0.03724	74.48	2,000	0.0457	91.40	16.92	22.72%	23.07%	23.67%
Volumetric Smoothing Rider	2,000	0	0.00	2,000	-0.0017	-3.40	-3.40	0.00%	-0.86%	-0.88%
Volumetric Deferral/Variance Account Rider	2,000	0.00208	4.16	2,000	0.0001	0.20	-3.96	-95.19%	0.05%	0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>111.67</b>			<b>123.64</b>	<b>11.97</b>	<b>10.72%</b>	<b>31.21%</b>	<b>32.02%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.20%	0.20%
Line Losses on Cost of Power (based on two-tier RPP prices)	184	0.10	18.58	210	0.10	21.21	2.63	14.13%	5.35%	5.49%
Line Losses on Cost of Power (based on TOU prices)	184	0.09	17.01	210	0.09	19.42	2.40	14.13%	4.90%	5.03%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>131.04</b>			<b>145.64</b>	<b>14.60</b>	<b>11.14%</b>	<b>36.76%</b>	<b>37.72%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>129.47</b>			<b>143.85</b>	<b>14.37</b>	<b>11.10%</b>	<b>36.31%</b>	<b>37.25%</b>
Retail Transmission Rate – Network Service Rate	2,184	0.00702	15.33	2,210	0.0065	14.37	-0.97	-6.31%	3.63%	3.72%
Retail Transmission Rate – Line and Transformation Connection	2,184	0.0047	10.26	2,210	0.0045	9.95	-0.32	-3.12%	2.51%	2.58%
<b>Sub-Total: Retail Transmission</b>			<b>25.60</b>			<b>24.31</b>	<b>-1.29</b>	<b>-5.03%</b>	<b>6.14%</b>	<b>6.30%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>156.64</b>			<b>169.95</b>	<b>13.31</b>	<b>8.50%</b>	<b>42.90%</b>	<b>44.01%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>155.07</b>			<b>168.16</b>	<b>13.09</b>	<b>8.44%</b>	<b>42.44%</b>	<b>43.55%</b>
Wholesale Market Service Rate	2,184	0.0044	9.61	2,210	0.0044	9.72	0.11	1.19%	2.45%	2.52%
Rural Rate Protection Charge	2,184	0.0012	2.62	2,210	0.0012	2.65	0.03	1.19%	0.67%	0.69%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%	0.06%
<b>Sub-Total: Regulatory</b>			<b>12.48</b>			<b>12.63</b>	<b>0.15</b>	<b>1.17%</b>	<b>3.19%</b>	<b>3.27%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	<b>14.00</b>	2,000	0.007	<b>14.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.53%</b>	<b>3.63%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>376.12</b>			<b>389.58</b>	<b>13.46</b>	<b>3.58%</b>	<b>98.33%</b>	
HST		0.13	48.90		0.13	50.64	1.75	3.58%	12.78%	
<b>Total Bill (including HST)</b>			<b>425.02</b>			<b>440.22</b>	<b>15.20</b>	<b>3.58%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-42.50		-0.10	-44.02	-1.52	3.58%	-11.11%	
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>382.51</b>			<b>396.20</b>	<b>13.68</b>	<b>3.58%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>366.47</b>			<b>379.70</b>	<b>13.23</b>	<b>3.61%</b>		<b>98.33%</b>
HST		0.13	47.64		0.13	49.36	1.72	3.61%		12.78%
<b>Total Bill (including HST)</b>			<b>414.11</b>			<b>429.06</b>	<b>14.95</b>	<b>3.61%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-41.41		-0.10	-42.91	-1.50	3.61%		-11.11%
<b>Total Bill on TOU (including HST and OCEB)</b>			<b>372.70</b>			<b>386.16</b>	<b>13.46</b>	<b>3.61%</b>		<b>100.00%</b>

**2015 Bill Impacts (Low Consumption Level)**

Rate Class	Seasonal
Monthly Consumption (kWh)	50
Peak (kW)	0
Loss factor-Current	1.092
Loss factor-Proposed	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted - Current	54.6
Monthly Consumption (kWh) - Uplifted - Proposed	55.2
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	50	0.086	4.30	50	0.086	4.30	0.00	0.00%	11.37%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>4.30</b>			<b>4.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>11.37%</b>	
TOU-Off Peak	32	0.075	2.40	32	0.075	2.40	0.00	0.00%		6.29%
TOU-Mid Peak	9	0.112	1.01	9	0.112	1.01	0.00	0.00%		2.64%
TOU-On Peak	9	0.135	1.22	9	0.135	1.22	0.00	0.00%		3.18%
<b>Sub-Total: Energy (TOU)</b>			<b>4.62</b>			<b>4.62</b>	<b>0.00</b>	<b>0.00%</b>	<b>12.23%</b>	<b>12.11%</b>
Service Charge	1	19.71	19.71	1	26.57	26.57	6.86	34.80%	70.28%	69.61%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-1.02	-1.02	-1.02	0.00%	-2.70%	-2.67%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.28	0.28	0.28	0.00%	0.74%	0.73%
Distribution Volumetric Rate	50	0.08206	4.10	50	0.0905	4.53	0.42	10.29%	11.97%	11.85%
Volumetric Smoothing Rider	50	0	0.00	50	-0.0035	-0.18	-0.18	0.00%	-0.46%	-0.46%
Volumetric Deferral/Variance Account Rider	50	0.00403	0.20	50	0.0004	0.02	-0.18	-90.07%	0.05%	0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>27.93</b>			<b>30.20</b>	<b>2.27</b>	<b>8.11%</b>	<b>79.88%</b>	<b>79.12%</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	0.09	0.40	5	0.09	0.45	0.05	13.04%	1.18%	1.17%
Line Losses on Cost of Power (based on TOU prices)	5	0.09	0.43	5	0.09	0.48	0.06	13.04%	1.27%	1.26%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>29.12</b>			<b>31.44</b>	<b>2.32</b>	<b>7.96%</b>	<b>83.15%</b>	<b>82.36%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>29.15</b>			<b>31.47</b>	<b>2.32</b>	<b>7.96%</b>	<b>83.24%</b>	<b>82.45%</b>
Retail Transmission Rate – Network Service Rate	55	0.00663	0.36	55	0.0053	0.29	-0.07	-19.18%	0.77%	0.77%
Retail Transmission Rate – Line and Transformation Connection	55	0.0046	0.25	55	0.0043	0.24	-0.01	-5.49%	0.63%	0.62%
<b>Sub-Total: Retail Transmission</b>			<b>0.61</b>			<b>0.53</b>	<b>-0.08</b>	<b>-13.58%</b>	<b>1.40%</b>	<b>1.39%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>29.73</b>			<b>31.97</b>	<b>2.23</b>	<b>7.51%</b>	<b>84.55%</b>	<b>83.75%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>29.76</b>			<b>32.00</b>	<b>2.24</b>	<b>7.52%</b>	<b>84.64%</b>	<b>83.84%</b>
Wholesale Market Service Rate	55	0.0044	0.24	55	0.0044	0.24	0.00	1.10%	0.64%	0.64%
Rural Rate Protection Charge	55	0.0012	0.07	55	0.0012	0.07	0.00	1.10%	0.18%	0.17%
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>0.56</b>			<b>0.56</b>	<b>0.00</b>	<b>0.60%</b>	<b>1.48%</b>	<b>1.46%</b>
Debt Retirement Charge (DRC)	50	0.007	0.35	50	0.007	0.35	0.00	0.00%	0.93%	0.92%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>34.94</b>			<b>37.18</b>	<b>2.24</b>	<b>6.40%</b>	<b>98.33%</b>	
HST		0.13	4.54		0.13	4.83	0.29	6.40%	12.78%	
<b>Total Bill (including HST)</b>			<b>39.48</b>			<b>42.01</b>	<b>2.53</b>	<b>6.40%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-3.95		-0.10	-4.20	-0.25	6.40%	-11.11%	
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>35.53</b>			<b>37.81</b>	<b>2.28</b>	<b>6.40%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>35.29</b>			<b>37.53</b>	<b>2.24</b>	<b>6.35%</b>		<b>98.33%</b>
HST		0.13	4.59		0.13	4.88	0.29	6.35%		12.78%
<b>Total Bill (including HST)</b>			<b>39.88</b>			<b>42.41</b>	<b>2.53</b>	<b>6.35%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-3.99		-0.10	-4.24	-0.25	6.35%		-11.11%
<b>Total Bill on TOU (including HST and OCEB)</b>			<b>35.89</b>			<b>38.17</b>	<b>2.28</b>	<b>6.35%</b>		<b>100.00%</b>

**2015 Bill Impacts (Typical Consumption Level)**

Rate Class	Seasonal
Monthly Consumption (kWh)	400
Peak (kW)	0
Loss factor-Current	1.092
Loss factor-Proposed	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted - Current	436.8
Monthly Consumption (kWh) - Uplifted - Proposed	441.6
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	400	0.086	34.40	400	0.086	34.40	0.00	0.00%	30.94%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>34.40</b>			<b>34.40</b>	<b>0.00</b>	<b>0.00%</b>	<b>30.94%</b>	
TOU-Off Peak	256	0.075	19.20	256	0.075	19.20	0.00	0.00%		16.83%
TOU-Mid Peak	72	0.112	8.06	72	0.112	8.06	0.00	0.00%		7.07%
TOU-On Peak	72	0.135	9.72	72	0.135	9.72	0.00	0.00%		8.52%
<b>Sub-Total: Energy (TOU)</b>			<b>36.98</b>			<b>36.98</b>	<b>0.00</b>	<b>0.00%</b>	<b>33.27%</b>	<b>32.42%</b>
Service Charge	1	19.71	19.71	1	26.57	26.57	6.86	34.80%	23.90%	23.29%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-1.02	-1.02	-1.02	0.00%	-0.92%	-0.89%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.28	0.28	0.28	0.00%	0.25%	0.25%
Distribution Volumetric Rate	400	0.08206	32.82	400	0.0905	36.20	3.38	10.29%	32.56%	31.73%
Volumetric Smoothing Rider	400	0	0.00	400	-0.0035	-1.40	-1.40	0.00%	-1.26%	-1.23%
Volumetric Deferral/Variance Account Rider	400	0.00403	1.61	400	0.0004	0.16	-1.45	-90.07%	0.14%	0.14%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>58.07</b>			<b>60.79</b>	<b>2.72</b>	<b>4.69%</b>	<b>54.68%</b>	<b>53.29%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.71%	0.69%
Line Losses on Cost of Power (based on two-tier RPP prices)	37	0.09	3.16	42	0.09	3.58	0.41	13.04%	3.22%	3.14%
Line Losses on Cost of Power (based on TOU prices)	37	0.09	3.40	42	0.09	3.85	0.44	13.04%	3.46%	3.37%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>62.02</b>			<b>65.16</b>	<b>3.14</b>	<b>5.06%</b>	<b>58.61%</b>	<b>57.12%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>62.26</b>			<b>65.43</b>	<b>3.17</b>	<b>5.09%</b>	<b>58.85%</b>	<b>57.35%</b>
Retail Transmission Rate – Network Service Rate	437	0.00663	2.90	442	0.0053	2.34	-0.56	-19.18%	2.11%	2.05%
Retail Transmission Rate – Line and Transformation Connection	437	0.0046	2.01	442	0.0043	1.90	-0.11	-5.49%	1.71%	1.66%
<b>Sub-Total: Retail Transmission</b>			<b>4.91</b>			<b>4.24</b>	<b>-0.67</b>	<b>-13.58%</b>	<b>3.81%</b>	<b>3.72%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>66.93</b>			<b>69.40</b>	<b>2.47</b>	<b>3.69%</b>	<b>62.42%</b>	<b>60.83%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>67.16</b>			<b>69.67</b>	<b>2.50</b>	<b>3.73%</b>	<b>62.66%</b>	<b>61.07%</b>
Wholesale Market Service Rate	437	0.0044	1.92	442	0.0044	1.94	0.02	1.10%	1.75%	1.70%
Rural Rate Protection Charge	437	0.0012	0.52	442	0.0012	0.53	0.01	1.10%	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%	0.22%	0.22%
<b>Sub-Total: Regulatory</b>			<b>2.70</b>			<b>2.72</b>	<b>0.03</b>	<b>1.00%</b>	<b>2.45%</b>	<b>2.39%</b>
Debt Retirement Charge (DRC)	400	0.007	2.80	400	0.007	2.80	0.00	0.00%	2.52%	2.45%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>106.82</b>			<b>109.32</b>	<b>2.50</b>	<b>2.34%</b>	<b>98.33%</b>	
HST		0.13	13.89		0.13	14.21	0.32	2.34%	12.78%	
<b>Total Bill (including HST)</b>			<b>120.71</b>			<b>123.53</b>	<b>2.82</b>	<b>2.34%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-12.07		-0.10	-12.35	-0.28	2.34%	-11.11%	
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>108.64</b>			<b>111.18</b>	<b>2.54</b>	<b>2.34%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>109.64</b>			<b>112.17</b>	<b>2.53</b>	<b>2.31%</b>		<b>98.33%</b>
HST		0.13	14.25		0.13	14.58	0.33	2.31%		12.78%
<b>Total Bill (including HST)</b>			<b>123.90</b>			<b>126.76</b>	<b>2.86</b>	<b>2.31%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-12.39		-0.10	-12.68	-0.29	2.31%		-11.11%
<b>Total Bill on TOU (including HST and OCEB)</b>			<b>111.51</b>			<b>114.08</b>	<b>2.57</b>	<b>2.31%</b>		<b>100.00%</b>

**2015 Bill Impacts (High Consumption Level)**

Rate Class	Seasonal
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor-Current	1.092
Loss factor-Proposed	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted - Current	1092
Monthly Consumption (kWh) - Uplifted - Proposed	1104
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	21.09%	
Energy Second Tier (kWh)	400	0.101	40.40	400	0.101	40.40	0.00	0.00%	16.51%	
<b>Sub-Total: Energy (RPP)</b>			<b>92.00</b>			<b>92.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>37.61%</b>	
TOU-Off Peak	640	0.075	48.00	640	0.075	48.00	0.00	0.00%		19.66%
TOU-Mid Peak	180	0.112	20.16	180	0.112	20.16	0.00	0.00%		8.26%
TOU-On Peak	180	0.135	24.30	180	0.135	24.30	0.00	0.00%		9.95%
<b>Sub-Total: Energy (TOU)</b>			<b>92.46</b>			<b>92.46</b>	<b>0.00</b>	<b>0.00%</b>	<b>37.79%</b>	<b>37.86%</b>
Service Charge	1	19.71	19.71	1	26.57	26.57	6.86	34.80%	10.86%	10.88%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-1.02	-1.02	-1.02	0.00%	-0.42%	-0.42%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.28	0.28	0.28	0.00%	0.11%	0.11%
Distribution Volumetric Rate	1,000	0.08206	82.06	1,000	0.0905	90.50	8.44	10.29%	36.99%	37.06%
Volumetric Smoothing Rider	1,000	0	0.00	1,000	-0.0035	-3.50	-3.50	0.00%	-1.43%	-1.43%
Volumetric Deferral/Variance Account Rider	1,000	0.00403	4.03	1,000	0.0004	0.40	-3.63	-90.07%	0.16%	0.16%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>109.72</b>			<b>113.23</b>	<b>3.51</b>	<b>3.20%</b>	<b>46.28%</b>	<b>46.37%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.32%	0.32%
Line Losses on Cost of Power (based on two-tier RPP prices)	92	0.10	9.29	104	0.10	10.50	1.21	13.04%	4.29%	4.30%
Line Losses on Cost of Power (based on TOU prices)	92	0.09	8.51	104	0.09	9.62	1.11	13.04%	3.93%	3.94%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>119.80</b>			<b>124.52</b>	<b>4.72</b>	<b>3.94%</b>	<b>50.90%</b>	<b>50.99%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>119.02</b>			<b>123.64</b>	<b>4.62</b>	<b>3.88%</b>	<b>50.54%</b>	<b>50.63%</b>
Retail Transmission Rate – Network Service Rate	1,092	0.00663	7.24	1,104	0.0053	5.85	-1.39	-19.18%	2.39%	2.40%
Retail Transmission Rate – Line and Transformation Connection	1,092	0.0046	5.02	1,104	0.0043	4.75	-0.28	-5.49%	1.94%	1.94%
<b>Sub-Total: Retail Transmission</b>			<b>12.26</b>			<b>10.60</b>	<b>-1.66</b>	<b>-13.58%</b>	<b>4.33%</b>	<b>4.34%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>132.07</b>			<b>135.12</b>	<b>3.06</b>	<b>2.31%</b>	<b>55.23%</b>	<b>55.33%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>131.28</b>			<b>134.23</b>	<b>2.95</b>	<b>2.25%</b>	<b>54.87%</b>	<b>54.97%</b>
Wholesale Market Service Rate	1,092	0.0044	4.80	1,104	0.0044	4.86	0.05	1.10%	1.99%	1.99%
Rural Rate Protection Charge	1,092	0.0012	1.31	1,104	0.0012	1.32	0.01	1.10%	0.54%	0.54%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.10%	0.10%
<b>Sub-Total: Regulatory</b>			<b>6.37</b>			<b>6.43</b>	<b>0.07</b>	<b>1.06%</b>	<b>2.63%</b>	<b>2.63%</b>
Debt Retirement Charge (DRC)	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	2.86%	2.87%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>237.43</b>			<b>240.55</b>	<b>3.12</b>	<b>1.32%</b>	<b>98.33%</b>	
HST		0.13	30.87		0.13	31.27	0.41	1.32%	12.78%	
<b>Total Bill (including HST)</b>			<b>268.30</b>			<b>271.83</b>	<b>3.53</b>	<b>1.32%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-26.83		-0.10	-27.18	-0.35	1.32%	-11.11%	
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>241.47</b>			<b>244.64</b>	<b>3.18</b>	<b>1.32%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>237.10</b>			<b>240.13</b>	<b>3.02</b>	<b>1.27%</b>		<b>98.33%</b>
HST		0.13	30.82		0.13	31.22	0.39	1.27%		12.78%
<b>Total Bill (including HST)</b>			<b>267.93</b>			<b>271.34</b>	<b>3.41</b>	<b>1.27%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-26.79		-0.10	-27.13	-0.34	1.27%		-11.11%
<b>Total Bill on TOU (including HST and OCEB)</b>			<b>241.14</b>			<b>244.21</b>	<b>3.07</b>	<b>1.27%</b>		<b>100.00%</b>

**2015 Bill Impacts (Low Consumption Level)**

Rate Class	Gse
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor-Current	1.092
Loss factor-Proposed	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted - Current	1092
Monthly Consumption (kWh) - Uplifted - Proposed	1096
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	30.94%	
Energy Second Tier (kWh)	250	0.101	25.25	250	0.101	25.25	0.00	0.00%	12.11%	
<b>Sub-Total: Energy (RPP)</b>			<b>89.75</b>			<b>89.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.06%</b>	
TOU-Off Peak	640	0.075	48.00	640	0.075	48.00	0.00	0.00%		22.82%
TOU-Mid Peak	180	0.112	20.16	180	0.112	20.16	0.00	0.00%		9.58%
TOU-On Peak	180	0.135	24.30	180	0.135	24.30	0.00	0.00%		11.55%
<b>Sub-Total: Energy (TOU)</b>			<b>92.46</b>			<b>92.46</b>	<b>0.00</b>	<b>0.00%</b>	<b>44.36%</b>	<b>43.95%</b>
Service Charge	1	35.92	35.92	1	30.08	30.08	-5.84	-16.26%	14.43%	14.30%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-1.15	-1.15	-1.15	0.00%	-0.55%	-0.55%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.31	0.31	0.31	0.00%	0.15%	0.15%
Distribution Volumetric Rate	1,000	0.04025	40.25	1,000	0.0538	53.80	13.55	33.66%	25.81%	25.57%
Volumetric Smoothing Rider	1,000	0	0.00	1,000	-0.0021	-2.10	-2.10	0.00%	-1.01%	-1.00%
Volumetric Deferral/Variance Account Rider	1,000	0.00115	1.15	1,000	0.0001	0.10	-1.05	-91.30%	0.05%	0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>81.24</b>			<b>81.04</b>	<b>-0.20</b>	<b>-0.25%</b>	<b>38.88%</b>	<b>38.52%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.38%	0.38%
Line Losses on Cost of Power (based on two-tier RPP prices)	92	0.10	9.29	96	0.10	9.70	0.40	4.35%	4.65%	4.61%
Line Losses on Cost of Power (based on TOU prices)	92	0.09	8.51	96	0.09	8.88	0.37	4.35%	4.26%	4.22%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>91.32</b>			<b>91.53</b>	<b>0.20</b>	<b>0.22%</b>	<b>43.91%</b>	<b>43.51%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>90.54</b>			<b>90.71</b>	<b>0.17</b>	<b>0.19%</b>	<b>43.51%</b>	<b>43.12%</b>
Retail Transmission Rate – Network Service Rate	1,092	0.00527	5.75	1,096	0.0058	6.36	0.60	10.46%	3.05%	3.02%
Retail Transmission Rate – Line and Transformation Connection	1,092	0.0035	3.82	1,096	0.0036	3.95	0.12	3.23%	1.89%	1.88%
<b>Sub-Total: Retail Transmission</b>			<b>9.58</b>			<b>10.30</b>	<b>0.73</b>	<b>7.58%</b>	<b>4.94%</b>	<b>4.90%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>100.90</b>			<b>101.83</b>	<b>0.93</b>	<b>0.92%</b>	<b>48.85%</b>	<b>48.40%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>100.11</b>			<b>101.01</b>	<b>0.90</b>	<b>0.89%</b>	<b>48.46%</b>	<b>48.01%</b>
Wholesale Market Service Rate	1,092	0.0044	4.80	1,096	0.0044	4.82	0.02	0.37%	2.31%	2.29%
Rural Rate Protection Charge	1,092	0.0012	1.31	1,096	0.0012	1.32	0.00	0.37%	0.63%	0.63%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.12%	0.12%
<b>Sub-Total: Regulatory</b>			<b>6.37</b>			<b>6.39</b>	<b>0.02</b>	<b>0.35%</b>	<b>3.06%</b>	<b>3.04%</b>
Debt Retirement Charge (DRC)	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	3.36%	3.33%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>204.01</b>			<b>204.97</b>	<b>0.95</b>	<b>0.47%</b>	<b>98.33%</b>	
HST		0.13	26.52		0.13	26.65	0.12	0.47%	12.78%	
<b>Total Bill (including HST)</b>			<b>230.54</b>			<b>231.61</b>	<b>1.08</b>	<b>0.47%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-23.05		-0.10	-23.16	-0.11	0.47%	-11.11%	
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>207.48</b>			<b>208.45</b>	<b>0.97</b>	<b>0.47%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>205.94</b>			<b>206.86</b>	<b>0.92</b>	<b>0.45%</b>		<b>98.33%</b>
HST		0.13	26.77		0.13	26.89	0.12	0.45%		12.78%
<b>Total Bill (including HST)</b>			<b>232.71</b>			<b>233.75</b>	<b>1.04</b>	<b>0.45%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-23.27		-0.10	-23.37	-0.10	0.45%		-11.11%
<b>Total Bill on TOU (including HST and OCEB)</b>			<b>209.44</b>			<b>210.37</b>	<b>0.93</b>	<b>0.45%</b>		<b>100.00%</b>



**2015 Bill Impacts (Typical Consumption Level)**

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Rate Class	Gse
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor-Current	1.092
Loss factor-Proposed	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted - Current	2184
Monthly Consumption (kWh) - Uplifted - Proposed	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	0.086	64.50	750	0.086	64.50	0.00	0.00%	16.22%	
Energy Second Tier (kWh)	1,250	0.101	126.25	1,250	0.101	126.25	0.00	0.00%	31.76%	
<b>Sub-Total: Energy (RPP)</b>			<b>190.75</b>			<b>190.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.98%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		24.62%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		10.34%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		12.46%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.52%</b>	<b>47.42%</b>
Service Charge	1	35.92	35.92	1	30.08	30.08	-5.84	-16.26%	7.57%	7.71%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-1.15	-1.15	-1.15	0.00%	-0.29%	-0.29%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.31	0.31	0.31	0.00%	0.08%	0.08%
Distribution Volumetric Rate	2,000	0.04025	80.50	2,000	0.0538	107.60	27.10	33.66%	27.07%	27.59%
Volumetric Smoothing Rider	2,000	0	0.00	2,000	-0.0021	-4.20	-4.20	0.00%	-1.06%	-1.08%
Volumetric Deferral/Variance Account Rider	2,000	0.00115	2.30	2,000	0.0001	0.20	-2.10	-91.30%	0.05%	0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>122.64</b>			<b>132.84</b>	<b>10.20</b>	<b>8.32%</b>	<b>33.41%</b>	<b>34.07%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.20%	0.20%
Line Losses on Cost of Power (based on two-tier RPP prices)	184	0.10	18.58	192	0.10	19.39	0.81	4.35%	4.88%	4.97%
Line Losses on Cost of Power (based on TOU prices)	184	0.09	17.01	192	0.09	17.75	0.74	4.35%	4.47%	4.55%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>142.01</b>			<b>153.02</b>	<b>11.01</b>	<b>7.75%</b>	<b>38.49%</b>	<b>39.24%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>140.44</b>			<b>151.38</b>	<b>10.94</b>	<b>7.79%</b>	<b>38.08%</b>	<b>38.82%</b>
Retail Transmission Rate – Network Service Rate	2,184	0.00527	11.51	2,192	0.0058	12.71	1.20	10.46%	3.20%	3.26%
Retail Transmission Rate – Line and Transformation Connection	2,184	0.0035	7.64	2,192	0.0036	7.89	0.25	3.23%	1.98%	2.02%
<b>Sub-Total: Retail Transmission</b>			<b>19.15</b>			<b>20.60</b>	<b>1.45</b>	<b>7.58%</b>	<b>5.18%</b>	<b>5.28%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>161.17</b>			<b>173.63</b>	<b>12.46</b>	<b>7.73%</b>	<b>43.67%</b>	<b>44.53%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>159.60</b>			<b>171.99</b>	<b>12.39</b>	<b>7.76%</b>	<b>43.26%</b>	<b>44.10%</b>
Wholesale Market Service Rate	2,184	0.0044	9.61	2,192	0.0044	9.64	0.04	0.37%	2.43%	2.47%
Rural Rate Protection Charge	2,184	0.0012	2.62	2,192	0.0012	2.63	0.01	0.37%	0.66%	0.67%
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>12.48</b>			<b>12.53</b>	<b>0.04</b>	<b>0.36%</b>	<b>3.15%</b>	<b>3.21%</b>
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	3.52%	3.59%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>378.40</b>			<b>390.90</b>	<b>12.50</b>	<b>3.30%</b>	<b>98.33%</b>	
HST		0.13	49.19		0.13	50.82	1.63	3.30%	12.78%	
<b>Total Bill (including HST)</b>			<b>427.59</b>			<b>441.72</b>	<b>14.13</b>	<b>3.30%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-42.76		-0.10	-44.17	-1.41	3.30%	-11.11%	
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>384.83</b>			<b>397.55</b>	<b>12.72</b>	<b>3.30%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>371.00</b>			<b>383.43</b>	<b>12.44</b>	<b>3.35%</b>		<b>98.33%</b>
HST		0.13	48.23		0.13	49.85	1.62	3.35%		12.78%
<b>Total Bill (including HST)</b>			<b>419.23</b>			<b>433.28</b>	<b>14.05</b>	<b>3.35%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-41.92		-0.10	-43.33	-1.41	3.35%		-11.11%
<b>Total Bill on TOU (including HST and OCEB)</b>			<b>377.30</b>			<b>389.95</b>	<b>12.65</b>	<b>3.35%</b>		<b>100.00%</b>

**2015 Bill Impacts (High Consumption Level)**

Rate Class	Gse
Monthly Consumption (kWh)	15000
Peak (kW)	0
Loss factor-Current	1.092
Loss factor-Proposed	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted - Current	16380
Monthly Consumption (kWh) - Uplifted - Proposed	16440
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	2.08%	
Energy Second Tier (kWh)	14,250	0.101	1,439.25	14,250	0.101	1,439.25	0.00	0.00%	46.31%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,503.75</b>			<b>1,503.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.38%</b>	
TOU-Off Peak	9,600	0.075	720.00	9,600	0.075	720.00	0.00	0.00%		24.29%
TOU-Mid Peak	2,700	0.112	302.40	2,700	0.112	302.40	0.00	0.00%		10.20%
TOU-On Peak	2,700	0.135	364.50	2,700	0.135	364.50	0.00	0.00%		12.30%
<b>Sub-Total: Energy (TOU)</b>			<b>1,386.90</b>			<b>1,386.90</b>	<b>0.00</b>	<b>0.00%</b>	<b>44.62%</b>	<b>46.79%</b>
Service Charge	1	35.92	35.92	1	30.08	30.08	-5.84	-16.26%	0.97%	1.01%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-1.15	-1.15	-1.15	0.00%	-0.04%	-0.04%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.31	0.31	0.31	0.00%	0.01%	0.01%
Distribution Volumetric Rate	15,000	0.04025	603.75	15,000	0.0538	807.00	203.25	33.66%	25.97%	27.23%
Volumetric Smoothing Rider	15,000	0	0.00	15,000	-0.0021	-31.50	-31.50	0.00%	-1.01%	-1.06%
Volumetric Deferral/Variance Account Rider	15,000	0.00115	17.25	15,000	0.0001	1.50	-15.75	-91.30%	0.05%	0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>660.84</b>			<b>806.24</b>	<b>145.40</b>	<b>22.00%</b>	<b>25.94%</b>	<b>27.20%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.03%	0.03%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,380	0.10	139.38	1,440	0.10	145.44	6.06	4.35%	4.68%	4.91%
Line Losses on Cost of Power (based on TOU prices)	1,380	0.09	127.59	1,440	0.09	133.14	5.55	4.35%	4.28%	4.49%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>801.01</b>			<b>952.47</b>	<b>151.46</b>	<b>18.91%</b>	<b>30.65%</b>	<b>32.14%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>789.22</b>			<b>940.17</b>	<b>150.95</b>	<b>19.13%</b>	<b>30.25%</b>	<b>31.72%</b>
Retail Transmission Rate – Network Service Rate	16,380	0.00527	86.32	16,440	0.0058	95.35	9.03	10.46%	3.07%	3.22%
Retail Transmission Rate – Line and Transformation Connection	16,380	0.0035	57.33	16,440	0.0036	59.18	1.85	3.23%	1.90%	2.00%
<b>Sub-Total: Retail Transmission</b>			<b>143.65</b>			<b>154.54</b>	<b>10.88</b>	<b>7.58%</b>	<b>4.97%</b>	<b>5.21%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>944.66</b>			<b>1,107.01</b>	<b>162.34</b>	<b>17.19%</b>	<b>35.62%</b>	<b>37.35%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>932.88</b>			<b>1,094.71</b>	<b>161.83</b>	<b>17.35%</b>	<b>35.22%</b>	<b>36.93%</b>
Wholesale Market Service Rate	16,380	0.0044	72.07	16,440	0.0044	72.34	0.26	0.37%	2.33%	2.44%
Rural Rate Protection Charge	16,380	0.0012	19.66	16,440	0.0012	19.73	0.07	0.37%	0.63%	0.67%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Regulatory</b>			<b>91.98</b>			<b>92.31</b>	<b>0.34</b>	<b>0.37%</b>	<b>2.97%</b>	<b>3.11%</b>
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.38%	3.54%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>2,645.39</b>			<b>2,808.07</b>	<b>162.68</b>	<b>6.15%</b>	<b>90.35%</b>	
HST		0.13	343.90		0.13	365.05	21.15	6.15%	11.75%	
<b>Total Bill (including HST)</b>			<b>2,989.29</b>			<b>3,173.12</b>	<b>183.83</b>	<b>6.15%</b>	<b>102.10%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-62.46		-0.10	-65.18	-2.72	4.35%	-2.10%	
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>2,926.83</b>			<b>3,107.94</b>	<b>181.11</b>	<b>6.19%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>2,516.76</b>			<b>2,678.92</b>	<b>162.17</b>	<b>6.44%</b>		<b>90.39%</b>
HST		0.13	327.18		0.13	348.26	21.08	6.44%		11.75%
<b>Total Bill (including HST)</b>			<b>2,843.93</b>			<b>3,027.18</b>	<b>183.25</b>	<b>6.44%</b>		<b>102.14%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-60.57		-0.10	-63.28	-2.71	4.47%		-2.14%
<b>Total Bill on TOU (including HST and OCEB)</b>			<b>2,783.36</b>			<b>2,963.90</b>	<b>180.54</b>	<b>6.49%</b>		<b>100.00%</b>



**2015 Bill Impacts (Low Consumption Level)**

Rate Class	Uge
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor-Current	1.092
Loss factor-Proposed	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted - Current	1092
Monthly Consumption (kWh) - Uplifted - Proposed	1067
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	38.04%	
Energy Second Tier (kWh)	250	0.101	25.25	250	0.101	25.25	0.00	0.00%	14.89%	
<b>Sub-Total: Energy (RPP)</b>			<b>89.75</b>			<b>89.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>52.93%</b>	
TOU-Off Peak	640	0.075	48.00	640	0.075	48.00	0.00	0.00%		27.95%
TOU-Mid Peak	180	0.112	20.16	180	0.112	20.16	0.00	0.00%		11.74%
TOU-On Peak	180	0.135	24.30	180	0.135	24.30	0.00	0.00%		14.15%
<b>Sub-Total: Energy (TOU)</b>			<b>92.46</b>			<b>92.46</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.53%</b>	<b>53.84%</b>
Service Charge	1	10.2	10.20	1	23.15	23.15	12.95	126.96%	13.65%	13.48%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-0.88	-0.88	-0.88	0.00%	-0.52%	-0.51%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.25	0.25	0.25	0.00%	0.15%	0.15%
Distribution Volumetric Rate	1,000	0.01684	16.84	1,000	0.024	24.00	7.16	42.52%	14.15%	13.98%
Volumetric Smoothing Rider	1,000	0	0.00	1,000	-0.0009	-0.90	-0.90	0.00%	-0.53%	-0.52%
Volumetric Deferral/Variance Account Rider	1,000	-0.00026	-0.26	1,000	-0.0001	-0.10	0.16	-61.54%	-0.06%	-0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>30.70</b>			<b>45.52</b>	<b>14.82</b>	<b>48.27%</b>	<b>26.85%</b>	<b>26.51%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.47%	0.46%
Line Losses on Cost of Power (based on two-tier RPP prices)	92	0.10	9.29	67	0.10	6.77	-2.53	-27.17%	3.99%	3.94%
Line Losses on Cost of Power (based on TOU prices)	92	0.09	8.51	67	0.09	6.19	-2.31	-27.17%	3.65%	3.61%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>40.78</b>			<b>53.08</b>	<b>12.30</b>	<b>30.15%</b>	<b>31.30%</b>	<b>30.91%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>40.00</b>			<b>52.50</b>	<b>12.51</b>	<b>31.27%</b>	<b>30.97%</b>	<b>30.57%</b>
Retail Transmission Rate – Network Service Rate	1,092	0.00544	5.94	1,067	0.0062	6.62	0.67	11.36%	3.90%	3.85%
Retail Transmission Rate – Line and Transformation Connection	1,092	0.00358	3.91	1,067	0.0038	4.05	0.15	3.72%	2.39%	2.36%
<b>Sub-Total: Retail Transmission</b>			<b>9.85</b>			<b>10.67</b>	<b>0.82</b>	<b>8.33%</b>	<b>6.29%</b>	<b>6.21%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>50.63</b>			<b>63.75</b>	<b>13.12</b>	<b>25.90%</b>	<b>37.60%</b>	<b>37.12%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>49.85</b>			<b>63.17</b>	<b>13.33</b>	<b>26.74%</b>	<b>37.26%</b>	<b>36.79%</b>
Wholesale Market Service Rate	1,092	0.0044	4.80	1,067	0.0044	4.69	-0.11	-2.29%	2.77%	2.73%
Rural Rate Protection Charge	1,092	0.0012	1.31	1,067	0.0012	1.28	-0.03	-2.29%	0.76%	0.75%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.15%	0.15%
<b>Sub-Total: Regulatory</b>			<b>6.37</b>			<b>6.23</b>	<b>-0.14</b>	<b>-2.20%</b>	<b>3.67%</b>	<b>3.62%</b>
Debt Retirement Charge (DRC)	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	4.13%	4.08%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>153.75</b>			<b>166.72</b>	<b>12.98</b>	<b>8.44%</b>	<b>98.33%</b>	
HST		0.13	19.99		0.13	21.67	1.69	8.44%	12.78%	
<b>Total Bill (including HST)</b>			<b>173.73</b>			<b>188.40</b>	<b>14.66</b>	<b>8.44%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-17.37		-0.10	-18.84	-1.47	8.44%	-11.11%	
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>156.36</b>			<b>169.56</b>	<b>13.20</b>	<b>8.44%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>155.67</b>			<b>168.86</b>	<b>13.19</b>	<b>8.47%</b>		<b>98.33%</b>
HST		0.13	20.24		0.13	21.95	1.71	8.47%		12.78%
<b>Total Bill (including HST)</b>			<b>175.91</b>			<b>190.81</b>	<b>14.90</b>	<b>8.47%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-17.59		-0.10	-19.08	-1.49	8.47%		-11.11%
<b>Total Bill on TOU (including HST and OCEB)</b>			<b>158.32</b>			<b>171.73</b>	<b>13.41</b>	<b>8.47%</b>		<b>100.00%</b>

**2015 Bill Impacts (Typical Consumption Level)**

Rate Class	Uge
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor-Current	1.092
Loss factor-Proposed	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted - Current	2184
Monthly Consumption (kWh) - Uplifted - Proposed	2134
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	19.75%	
Energy Second Tier (kWh)	1,250	0.101	126.25	1,250	0.101	126.25	0.00	0.00%	38.66%	
<b>Sub-Total: Energy (RPP)</b>			<b>190.75</b>			<b>190.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.41%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		30.05%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		12.62%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		15.21%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.62%</b>	<b>57.88%</b>
Service Charge	1	10.2	10.20	1	23.15	23.15	12.95	126.96%	7.09%	7.25%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-0.88	-0.88	-0.88	0.00%	-0.27%	-0.28%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.25	0.25	0.25	0.00%	0.08%	0.08%
Distribution Volumetric Rate	2,000	0.01684	33.68	2,000	0.024	48.00	14.32	42.52%	14.70%	15.02%
Volumetric Smoothing Rider	2,000	0	0.00	2,000	-0.0009	-1.80	-1.80	0.00%	-0.55%	-0.56%
Volumetric Deferral/Variance Account Rider	2,000	-0.00026	-0.52	2,000	-0.0001	-0.20	0.32	-61.54%	-0.06%	-0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>47.28</b>			<b>68.52</b>	<b>21.24</b>	<b>44.92%</b>	<b>20.98%</b>	<b>21.45%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.24%	0.25%
Line Losses on Cost of Power (based on two-tier RPP prices)	184	0.10	18.58	134	0.10	13.53	-5.05	-27.17%	4.14%	4.24%
Line Losses on Cost of Power (based on TOU prices)	184	0.09	17.01	134	0.09	12.39	-4.62	-27.17%	3.79%	3.88%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>66.65</b>			<b>82.84</b>	<b>16.19</b>	<b>24.29%</b>	<b>25.37%</b>	<b>25.93%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>65.08</b>			<b>81.70</b>	<b>16.62</b>	<b>25.53%</b>	<b>25.02%</b>	<b>25.57%</b>
Retail Transmission Rate – Network Service Rate	2,184	0.00544	11.88	2,134	0.0062	13.23	1.35	11.36%	4.05%	4.14%
Retail Transmission Rate – Line and Transformation Connection	2,184	0.00358	7.82	2,134	0.0038	8.11	0.29	3.72%	2.48%	2.54%
<b>Sub-Total: Retail Transmission</b>			<b>19.70</b>			<b>21.34</b>	<b>1.64</b>	<b>8.33%</b>	<b>6.53%</b>	<b>6.68%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>86.35</b>			<b>104.18</b>	<b>17.83</b>	<b>20.65%</b>	<b>31.90%</b>	<b>32.61%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>84.78</b>			<b>103.04</b>	<b>18.26</b>	<b>21.53%</b>	<b>31.55%</b>	<b>32.25%</b>
Wholesale Market Service Rate	2,184	0.0044	9.61	2,134	0.0044	9.39	-0.22	-2.29%	2.88%	2.94%
Rural Rate Protection Charge	2,184	0.0012	2.62	2,134	0.0012	2.56	-0.06	-2.29%	0.78%	0.80%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Regulatory</b>			<b>12.48</b>			<b>12.20</b>	<b>-0.28</b>	<b>-2.24%</b>	<b>3.74%</b>	<b>3.82%</b>
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	4.29%	4.38%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>303.58</b>			<b>321.13</b>	<b>17.55</b>	<b>5.78%</b>	<b>98.33%</b>	
HST		0.13	39.47		0.13	41.75	2.28	5.78%	12.78%	
<b>Total Bill (including HST)</b>			<b>343.05</b>			<b>362.88</b>	<b>19.83</b>	<b>5.78%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-34.31		-0.10	-36.29	-1.98	5.78%	-11.11%	
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>308.75</b>			<b>326.59</b>	<b>17.85</b>	<b>5.78%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>296.18</b>			<b>314.16</b>	<b>17.98</b>	<b>6.07%</b>		<b>98.33%</b>
HST		0.13	38.50		0.13	40.84	2.34	6.07%		12.78%
<b>Total Bill (including HST)</b>			<b>334.69</b>			<b>355.00</b>	<b>20.31</b>	<b>6.07%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-33.47		-0.10	-35.50	-2.03	6.07%		-11.11%
<b>Total Bill on TOU (including HST and OCEB)</b>			<b>301.22</b>			<b>319.50</b>	<b>18.28</b>	<b>6.07%</b>		<b>100.00%</b>

**2015 Bill Impacts (High Consumption Level)**

Rate Class	Uge
Monthly Consumption (kWh)	15000
Peak (kW)	0
Loss factor-Current	1.092
Loss factor-Proposed	1.067
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted - Current	16380
Monthly Consumption (kWh) - Uplifted - Proposed	16005
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	2.50%	
Energy Second Tier (kWh)	14,250	0.101	1,439.25	14,250	0.101	1,439.25	0.00	0.00%	55.84%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,503.75</b>			<b>1,503.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.34%</b>	
TOU-Off Peak	9,600	0.075	720.00	9,600	0.075	720.00	0.00	0.00%		29.54%
TOU-Mid Peak	2,700	0.112	302.40	2,700	0.112	302.40	0.00	0.00%		12.41%
TOU-On Peak	2,700	0.135	364.50	2,700	0.135	364.50	0.00	0.00%		14.95%
<b>Sub-Total: Energy (TOU)</b>			<b>1,386.90</b>			<b>1,386.90</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.81%</b>	<b>56.90%</b>
Service Charge	1	10.2	10.20	1	23.15	23.15	12.95	126.96%	0.90%	0.95%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-0.88	-0.88	-0.88	0.00%	-0.03%	-0.04%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.25	0.25	0.25	0.00%	0.01%	0.01%
Distribution Volumetric Rate	15,000	0.01684	252.60	15,000	0.024	360.00	107.40	42.52%	13.97%	14.77%
Volumetric Smoothing Rider	15,000	0	0.00	15,000	-0.0009	-13.50	-13.50	0.00%	-0.52%	-0.55%
Volumetric Deferral/Variance Account Rider	15,000	-0.00026	-3.90	15,000	-0.0001	-1.50	2.40	-61.54%	-0.06%	-0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>262.82</b>			<b>367.52</b>	<b>104.70</b>	<b>39.84%</b>	<b>14.26%</b>	<b>15.08%</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)	1,380	0.10	139.38	1,005	0.10	101.51	-37.88	-27.17%	3.94%	4.16%
Line Losses on Cost of Power (based on TOU prices)	1,380	0.09	127.59	1,005	0.09	92.92	-34.67	-27.17%	3.61%	3.81%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>402.99</b>			<b>469.82</b>	<b>66.82</b>	<b>16.58%</b>	<b>18.23%</b>	<b>19.27%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>391.20</b>			<b>461.23</b>	<b>70.03</b>	<b>17.90%</b>	<b>17.89%</b>	<b>18.92%</b>
Retail Transmission Rate – Network Service Rate	16,380	0.00544	89.11	16,005	0.0062	99.23	10.12	11.36%	3.85%	4.07%
Retail Transmission Rate – Line and Transformation Connection	16,380	0.00358	58.64	16,005	0.0038	60.82	2.18	3.72%	2.36%	2.50%
<b>Sub-Total: Retail Transmission</b>			<b>147.75</b>			<b>160.05</b>	<b>12.30</b>	<b>8.33%</b>	<b>6.21%</b>	<b>6.57%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>550.74</b>			<b>629.87</b>	<b>79.13</b>	<b>14.37%</b>	<b>24.44%</b>	<b>25.84%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>538.95</b>			<b>621.28</b>	<b>82.33</b>	<b>15.28%</b>	<b>24.10%</b>	<b>25.49%</b>
Wholesale Market Service Rate	16,380	0.0044	72.07	16,005	0.0044	70.42	-1.65	-2.29%	2.73%	2.89%
Rural Rate Protection Charge	16,380	0.0012	19.66	16,005	0.0012	19.21	-0.45	-2.29%	0.75%	0.79%
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>91.98</b>			<b>89.88</b>	<b>-2.10</b>	<b>-2.28%</b>	<b>3.49%</b>	<b>3.69%</b>
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	4.07%	4.31%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>2,251.47</b>			<b>2,328.49</b>	<b>77.03</b>	<b>3.42%</b>	<b>90.34%</b>	
HST		0.13	292.69		0.13	302.70	10.01	3.42%	11.74%	
<b>Total Bill (including HST)</b>			<b>2,544.16</b>			<b>2,631.20</b>	<b>87.04</b>	<b>3.42%</b>	<b>102.08%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-51.24		-0.10	-53.74	-2.50	4.88%	-2.08%	
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>2,492.92</b>			<b>2,577.46</b>	<b>84.54</b>	<b>3.39%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>2,122.83</b>			<b>2,203.06</b>	<b>80.23</b>	<b>3.78%</b>		<b>90.38%</b>
HST		0.13	275.97		0.13	286.40	10.43	3.78%		11.75%
<b>Total Bill (including HST)</b>			<b>2,398.80</b>			<b>2,489.46</b>	<b>90.66</b>	<b>3.78%</b>		<b>102.13%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-49.35		-0.10	-51.92	-2.57	5.21%		-2.13%
<b>Total Bill on TOU (including HST and OCEB)</b>			<b>2,349.45</b>			<b>2,437.54</b>	<b>88.09</b>	<b>3.75%</b>		<b>100.00%</b>

**2015 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	34.66%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>34.66%</b>
Service Charge	1	1.47	1.47	1	4.02	4.02	2.55	173.47%	16.20%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-0.15	-0.15	-0.15	0.00%	-0.60%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.04	0.04	0.04	0.00%	0.16%
Distribution Volumetric Rate	100	0.07288	7.29	100	0.0907	9.07	1.78	24.45%	36.55%
Volumetric Smoothing Rider	100	0	0.00	100	-0.0035	-0.35	-0.35	0.00%	-1.41%
Volumetric Deferral/Variance Account Rider	100	0.00133	0.13	100	0.0004	0.04	-0.09	-69.92%	0.16%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>8.89</b>			<b>12.67</b>	<b>3.78</b>	<b>42.50%</b>	<b>51.06%</b>
Line Losses on Cost of Power	9	0.09	0.79	9	0.09	0.79	0.00	0.00%	3.19%
<b>Sub-Total: Distribution</b>			<b>9.68</b>			<b>13.46</b>	<b>3.78</b>	<b>39.03%</b>	<b>54.25%</b>
Retail Transmission Rate – Network Service Rate	109	0.00442	0.48	109	0.0039	0.43	-0.06	-11.76%	1.72%
Retail Transmission Rate – Line and Transformation Connection S	109	0.00297	0.32	109	0.0032	0.35	0.03	7.74%	1.41%
<b>Sub-Total: Retail Transmission</b>			<b>0.81</b>			<b>0.78</b>	<b>-0.03</b>	<b>-3.92%</b>	<b>3.12%</b>
<b>Sub-Total: Delivery</b>			<b>10.49</b>			<b>14.24</b>	<b>3.75</b>	<b>35.73%</b>	<b>57.38%</b>
Wholesale Market Service Rate	109	0.0044	0.48	109	0.0044	0.48	0.00	0.00%	1.94%
Rural Rate Protection Charge	109	0.0012	0.13	109	0.0012	0.13	0.00	0.00%	0.53%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	1.01%
<b>Sub-Total: Regulatory</b>			<b>0.86</b>			<b>0.86</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.47%</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>2.82%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>20.65</b>			<b>24.40</b>	<b>3.75</b>	<b>18.15%</b>	<b>98.33%</b>
HST		0.13	2.68		0.13	3.17	0.49	18.15%	12.78%
<b>Total Bill (including HST)</b>			<b>23.34</b>			<b>27.57</b>	<b>4.23</b>	<b>18.15%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-2.33		-0.10	-2.76	-0.42	18.15%	-11.11%
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>21.00</b>			<b>24.81</b>	<b>3.81</b>	<b>18.15%</b>	<b>100.00%</b>

**2015 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	500	0.086	43.00	500	0.086	43.00	0.00	0.00%	40.13%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>43.00</b>			<b>43.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>40.13%</b>
Service Charge	1	1.47	1.47	1	4.02	4.02	2.55	173.47%	3.75%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-0.15	-0.15	-0.15	0.00%	-0.14%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.04	0.04	0.04	0.00%	0.04%
Distribution Volumetric Rate	500	0.07288	36.44	500	0.0907	45.35	8.91	24.45%	42.33%
Volumetric Smoothing Rider	500	0	0.00	500	-0.0035	-1.75	-1.75	0.00%	-1.63%
Volumetric Deferral/Variance Account Rider	500	0.00133	0.67	500	0.0004	0.20	-0.47	-69.92%	0.19%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>38.58</b>			<b>47.71</b>	<b>9.14</b>	<b>23.68%</b>	<b>44.53%</b>
Line Losses on Cost of Power	46	0.09	3.96	46	0.09	3.96	0.00	0.00%	3.69%
<b>Sub-Total: Distribution</b>			<b>42.53</b>			<b>51.67</b>	<b>9.14</b>	<b>21.48%</b>	<b>48.22%</b>
Retail Transmission Rate – Network Service Rate	546	0.00442	2.41	546	0.0039	2.13	-0.28	-11.76%	1.99%
Retail Transmission Rate – Line and Transformation Connection S	546	0.00297	1.62	546	0.0032	1.75	0.13	7.74%	1.63%
<b>Sub-Total: Retail Transmission</b>			<b>4.03</b>			<b>3.88</b>	<b>-0.16</b>	<b>-3.92%</b>	<b>3.62%</b>
<b>Sub-Total: Delivery</b>			<b>46.57</b>			<b>55.54</b>	<b>8.98</b>	<b>19.28%</b>	<b>51.84%</b>
Wholesale Market Service Rate	546	0.0044	2.40	546	0.0044	2.40	0.00	0.00%	2.24%
Rural Rate Protection Charge	546	0.0012	0.66	546	0.0012	0.66	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%	0.23%
<b>Sub-Total: Regulatory</b>			<b>3.31</b>			<b>3.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.09%</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>3.27%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>96.37</b>			<b>105.35</b>	<b>8.98</b>	<b>9.31%</b>	<b>98.33%</b>
HST		0.13	12.53		0.13	13.70	1.17	9.31%	12.78%
<b>Total Bill (including HST)</b>			<b>108.90</b>			<b>119.05</b>	<b>10.14</b>	<b>9.31%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-10.89		-0.10	-11.90	-1.01	9.31%	-11.11%
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>98.01</b>			<b>107.14</b>	<b>9.13</b>	<b>9.31%</b>	<b>100.00%</b>

**2015 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	14.73%
Energy Second Tier (kWh)	1,250	0.101	126.25	1,250	0.101	126.25	0.00	0.00%	28.84%
<b>Sub-Total: Energy (RPP)</b>			<b>190.75</b>			<b>190.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.58%</b>
Service Charge	1	1.47	1.47	1	4.02	4.02	2.55	173.47%	0.92%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-0.15	-0.15	-0.15	0.00%	-0.03%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.04	0.04	0.04	0.00%	0.01%
Distribution Volumetric Rate	2,000	0.07288	145.76	2,000	0.0907	181.40	35.64	24.45%	41.44%
Volumetric Smoothing Rider	2,000	0	0.00	2,000	-0.0035	-7.00	-7.00	0.00%	-1.60%
Volumetric Deferral/Variance Account Rider	2,000	0.00133	2.66	2,000	0.0004	0.80	-1.86	-69.92%	0.18%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>149.89</b>			<b>179.11</b>	<b>29.22</b>	<b>19.49%</b>	<b>40.92%</b>
Line Losses on Cost of Power	184	0.10	18.58	184	0.10	18.58	0.00	0.00%	4.25%
<b>Sub-Total: Distribution</b>			<b>168.47</b>			<b>197.69</b>	<b>29.22</b>	<b>17.34%</b>	<b>45.16%</b>
Retail Transmission Rate – Network Service Rate	2,184	0.00442	9.65	2,184	0.0039	8.52	-1.14	-11.76%	1.95%
Retail Transmission Rate – Line and Transformation Connection S	2,184	0.00297	6.49	2,184	0.0032	6.99	0.50	7.74%	1.60%
<b>Sub-Total: Retail Transmission</b>			<b>16.14</b>			<b>15.51</b>	<b>-0.63</b>	<b>-3.92%</b>	<b>3.54%</b>
<b>Sub-Total: Delivery</b>			<b>184.61</b>			<b>213.20</b>	<b>28.59</b>	<b>15.48%</b>	<b>48.70%</b>
Wholesale Market Service Rate	2,184	0.0044	9.61	2,184	0.0044	9.61	0.00	0.00%	2.20%
Rural Rate Protection Charge	2,184	0.0012	2.62	2,184	0.0012	2.62	0.00	0.00%	0.60%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%
<b>Sub-Total: Regulatory</b>			<b>12.48</b>			<b>12.48</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.85%</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>3.20%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>401.84</b>			<b>430.43</b>	<b>28.59</b>	<b>7.11%</b>	<b>98.33%</b>
HST		0.13	52.24		0.13	55.96	3.72	7.11%	12.78%
<b>Total Bill (including HST)</b>			<b>454.08</b>			<b>486.39</b>	<b>32.30</b>	<b>7.11%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-45.41		-0.10	-48.64	-3.23	7.11%	-11.11%
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>408.68</b>			<b>437.75</b>	<b>29.07</b>	<b>7.11%</b>	<b>100.00%</b>

**2015 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	20	0.086	1.72	20	0.086	1.72	0.00	0.00%	23.73%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1.72</b>			<b>1.72</b>	<b>0.00</b>	<b>0.00%</b>	<b>23.73%</b>
Service Charge	1	1.5	1.50	1	2.42	2.42	0.92	61.33%	33.39%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-0.09	-0.09	-0.09	0.00%	-1.24%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.03	0.03	0.03	0.00%	0.41%
Distribution Volumetric Rate	20	0.09986	2.00	20	0.1149	2.30	0.30	15.06%	31.71%
Volumetric Smoothing Rider	20	0	0.00	20	-0.0044	-0.09	-0.09	0.00%	-1.21%
Volumetric Deferral/Variance Account Rider	20	0.00318	0.06	20	0.0005	0.01	-0.05	-84.28%	0.14%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>3.56</b>			<b>4.58</b>	<b>1.02</b>	<b>28.62%</b>	<b>63.20%</b>
Line Losses on Cost of Power	2	0.09	0.16	2	0.09	0.16	0.00	0.00%	2.18%
<b>Sub-Total: Distribution</b>			<b>3.72</b>			<b>4.74</b>	<b>1.02</b>	<b>27.40%</b>	<b>65.38%</b>
Retail Transmission Rate – Network Service Rate	22	0.00442	0.10	22	0.0039	0.09	-0.01	-11.76%	1.18%
Retail Transmission Rate – Line and Transformation Connection S	22	0.00297	0.06	22	0.0032	0.07	0.01	7.74%	0.96%
<b>Sub-Total: Retail Transmission</b>			<b>0.16</b>			<b>0.16</b>	<b>-0.01</b>	<b>-3.92%</b>	<b>2.14%</b>
<b>Sub-Total: Delivery</b>			<b>3.88</b>			<b>4.89</b>	<b>1.01</b>	<b>26.10%</b>	<b>67.52%</b>
Wholesale Market Service Rate	22	0.0044	0.10	22	0.0044	0.10	0.00	0.00%	1.33%
Rural Rate Protection Charge	22	0.0012	0.03	22	0.0012	0.03	0.00	0.00%	0.36%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	3.45%
<b>Sub-Total: Regulatory</b>			<b>0.37</b>			<b>0.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.14%</b>
<b>Debt Retirement Charge (DRC)</b>	20	0.007	<b>0.14</b>	20	0.007	<b>0.14</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.93%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>6.11</b>			<b>7.13</b>	<b>1.01</b>	<b>16.57%</b>	<b>98.33%</b>
HST		0.13	0.79		0.13	0.93	0.13	16.57%	12.78%
<b>Total Bill (including HST)</b>			<b>6.91</b>			<b>8.05</b>	<b>1.14</b>	<b>16.57%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-0.69		-0.10	-0.81	-0.11	16.57%	-11.11%
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>6.22</b>			<b>7.25</b>	<b>1.03</b>	<b>16.57%</b>	<b>100.00%</b>



**2015 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	50	0.086	4.30	50	0.086	4.30	0.00	0.00%	30.42%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>4.30</b>			<b>4.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>30.42%</b>
Service Charge	1	1.5	1.50	1	2.42	2.42	0.92	61.33%	17.12%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-0.09	-0.09	-0.09	0.00%	-0.64%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.03	0.03	0.03	0.00%	0.21%
Distribution Volumetric Rate	50	0.09986	4.99	50	0.1149	5.75	0.75	15.06%	40.64%
Volumetric Smoothing Rider	50	0	0.00	50	-0.0044	-0.22	-0.22	0.00%	-1.56%
Volumetric Deferral/Variance Account Rider	50	0.00318	0.16	50	0.0005	0.03	-0.13	-84.28%	0.18%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>6.65</b>			<b>7.91</b>	<b>1.26</b>	<b>18.91%</b>	<b>55.96%</b>
Line Losses on Cost of Power	5	0.09	0.40	5	0.09	0.40	0.00	0.00%	2.80%
<b>Sub-Total: Distribution</b>			<b>7.05</b>			<b>8.31</b>	<b>1.26</b>	<b>17.85%</b>	<b>58.76%</b>
Retail Transmission Rate – Network Service Rate	55	0.00442	0.24	55	0.0039	0.21	-0.03	-11.76%	1.51%
Retail Transmission Rate – Line and Transformation Connection S	55	0.00297	0.16	55	0.0032	0.17	0.01	7.74%	1.24%
<b>Sub-Total: Retail Transmission</b>			<b>0.40</b>			<b>0.39</b>	<b>-0.02</b>	<b>-3.92%</b>	<b>2.74%</b>
<b>Sub-Total: Delivery</b>			<b>7.45</b>			<b>8.69</b>	<b>1.24</b>	<b>16.67%</b>	<b>61.50%</b>
Wholesale Market Service Rate	55	0.0044	0.24	55	0.0044	0.24	0.00	0.00%	1.70%
Rural Rate Protection Charge	55	0.0012	0.07	55	0.0012	0.07	0.00	0.00%	0.46%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	1.77%
<b>Sub-Total: Regulatory</b>			<b>0.56</b>			<b>0.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.93%</b>
<b>Debt Retirement Charge (DRC)</b>	50	0.007	<b>0.35</b>	50	0.007	<b>0.35</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.48%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>12.66</b>			<b>13.90</b>	<b>1.24</b>	<b>9.81%</b>	<b>98.33%</b>
HST		0.13	1.65		0.13	1.81	0.16	9.81%	12.78%
<b>Total Bill (including HST)</b>			<b>14.30</b>			<b>15.71</b>	<b>1.40</b>	<b>9.81%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-1.43		-0.10	-1.57	-0.14	9.81%	-11.11%
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>12.87</b>			<b>14.14</b>	<b>1.26</b>	<b>9.81%</b>	<b>100.00%</b>



**2015 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	200	0.086	17.20	200	0.086	17.20	0.00	0.00%	35.41%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>17.20</b>			<b>17.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>35.41%</b>
Service Charge	1	1.5	1.50	1	2.42	2.42	0.92	61.33%	4.98%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-0.09	-0.09	-0.09	0.00%	-0.19%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.03	0.03	0.03	0.00%	0.06%
Distribution Volumetric Rate	200	0.09986	19.97	200	0.1149	22.98	3.01	15.06%	47.31%
Volumetric Smoothing Rider	200	0	0.00	200	-0.0044	-0.88	-0.88	0.00%	-1.81%
Volumetric Deferral/Variance Account Rider	200	0.00318	0.64	200	0.0005	0.10	-0.54	-84.28%	0.21%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>22.11</b>			<b>24.56</b>	<b>2.45</b>	<b>11.09%</b>	<b>50.56%</b>
Line Losses on Cost of Power	18	0.09	1.58	18	0.09	1.58	0.00	0.00%	3.26%
<b>Sub-Total: Distribution</b>			<b>23.69</b>			<b>26.14</b>	<b>2.45</b>	<b>10.35%</b>	<b>53.82%</b>
Retail Transmission Rate – Network Service Rate	218	0.00442	0.97	218	0.0039	0.85	-0.11	-11.76%	1.75%
Retail Transmission Rate – Line and Transformation Connection S	218	0.00297	0.65	218	0.0032	0.70	0.05	7.74%	1.44%
<b>Sub-Total: Retail Transmission</b>			<b>1.61</b>			<b>1.55</b>	<b>-0.06</b>	<b>-3.92%</b>	<b>3.19%</b>
<b>Sub-Total: Delivery</b>			<b>25.30</b>			<b>27.69</b>	<b>2.39</b>	<b>9.44%</b>	<b>57.01%</b>
Wholesale Market Service Rate	218	0.0044	0.96	218	0.0044	0.96	0.00	0.00%	1.98%
Rural Rate Protection Charge	218	0.0012	0.26	218	0.0012	0.26	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%	0.51%
<b>Sub-Total: Regulatory</b>			<b>1.47</b>			<b>1.47</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.03%</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>2.88%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>45.38</b>			<b>47.77</b>	<b>2.39</b>	<b>5.26%</b>	<b>98.33%</b>
HST		0.13	5.90		0.13	6.21	0.31	5.26%	12.78%
<b>Total Bill (including HST)</b>			<b>51.28</b>			<b>53.98</b>	<b>2.70</b>	<b>5.26%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-5.13		-0.10	-5.40	-0.27	5.26%	-11.11%
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>46.15</b>			<b>48.58</b>	<b>2.43</b>	<b>5.26%</b>	<b>100.00%</b>

**2015 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	15.96%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>15.96%</b>
Service Charge	1	29.69	29.69	1	39.41	39.41	9.72	32.74%	73.14%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-1.51	-1.51	-1.51	0.00%	-2.80%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.35	0.35	0.35	0.00%	0.65%
Distribution Volumetric Rate	100	0.04025	4.03	100	0.0307	3.07	-0.96	-23.73%	5.70%
Volumetric Smoothing Rider	100	0	0.00	100	-0.0012	-0.12	-0.12	0.00%	-0.22%
Volumetric Deferral/Variance Account Rider	100	0.00115	0.12	100	0.0000	0.00	-0.12	-100.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>33.83</b>			<b>41.20</b>	<b>7.37</b>	<b>21.79%</b>	<b>76.46%</b>
Line Losses on Cost of Power	9	0.09	0.79	9	0.09	0.79	0.00	0.00%	1.47%
<b>Sub-Total: Distribution</b>			<b>34.62</b>			<b>41.99</b>	<b>7.37</b>	<b>21.29%</b>	<b>77.93%</b>
Retail Transmission Rate – Network Service Rate	109	0.00527	0.58	109	0.0046	0.50	-0.07	-12.71%	0.93%
Retail Transmission Rate – Line and Transformation Connection S	109	0.0035	0.38	109	0.003	0.33	-0.05	-14.29%	0.61%
<b>Sub-Total: Retail Transmission</b>			<b>0.96</b>			<b>0.83</b>	<b>-0.13</b>	<b>-13.34%</b>	<b>1.54%</b>
<b>Sub-Total: Delivery</b>			<b>35.58</b>			<b>42.82</b>	<b>7.24</b>	<b>20.36%</b>	<b>79.47%</b>
Wholesale Market Service Rate	109	0.0044	0.48	109	0.0044	0.48	0.00	0.00%	0.89%
Rural Rate Protection Charge	109	0.0012	0.13	109	0.0012	0.13	0.00	0.00%	0.24%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.46%
<b>Sub-Total: Regulatory</b>			<b>0.86</b>			<b>0.86</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.60%</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>1.30%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>45.74</b>			<b>52.98</b>	<b>7.24</b>	<b>15.83%</b>	<b>98.33%</b>
HST		0.13	5.95		0.13	6.89	0.94	15.83%	12.78%
<b>Total Bill (including HST)</b>			<b>51.69</b>			<b>59.87</b>	<b>8.18</b>	<b>15.83%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-5.17		-0.10	-5.99	-0.82	15.83%	-11.11%
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>46.52</b>			<b>53.88</b>	<b>7.37</b>	<b>15.83%</b>	<b>100.00%</b>

**2015 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	500	0.086	43.00	500	0.086	43.00	0.00	0.00%	38.12%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>43.00</b>			<b>43.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>38.12%</b>
Service Charge	1	29.69	29.69	1	39.41	39.41	9.72	32.74%	34.94%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-1.51	-1.51	-1.51	0.00%	-1.34%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.35	0.35	0.35	0.00%	0.31%
Distribution Volumetric Rate	500	0.04025	20.13	500	0.0307	15.35	-4.78	-23.73%	13.61%
Volumetric Smoothing Rider	500	0	0.00	500	-0.0012	-0.60	-0.60	0.00%	-0.53%
Volumetric Deferral/Variance Account Rider	500	0.00115	0.58	500	0.0000	0.00	-0.58	-100.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>50.39</b>			<b>53.00</b>	<b>2.61</b>	<b>5.18%</b>	<b>46.99%</b>
Line Losses on Cost of Power	46	0.09	3.96	46	0.09	3.96	0.00	0.00%	3.51%
<b>Sub-Total: Distribution</b>			<b>54.35</b>			<b>56.96</b>	<b>2.61</b>	<b>4.80%</b>	<b>50.49%</b>
Retail Transmission Rate – Network Service Rate	546	0.00527	2.88	546	0.0046	2.51	-0.37	-12.71%	2.23%
Retail Transmission Rate – Line and Transformation Connection S	546	0.0035	1.91	546	0.003	1.64	-0.27	-14.29%	1.45%
<b>Sub-Total: Retail Transmission</b>			<b>4.79</b>			<b>4.15</b>	<b>-0.64</b>	<b>-13.34%</b>	<b>3.68%</b>
<b>Sub-Total: Delivery</b>			<b>59.13</b>			<b>61.11</b>	<b>1.97</b>	<b>3.33%</b>	<b>54.17%</b>
Wholesale Market Service Rate	546	0.0044	2.40	546	0.0044	2.40	0.00	0.00%	2.13%
Rural Rate Protection Charge	546	0.0012	0.66	546	0.0012	0.66	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%	0.22%
<b>Sub-Total: Regulatory</b>			<b>3.31</b>			<b>3.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.93%</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>3.10%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>108.94</b>			<b>110.91</b>	<b>1.97</b>	<b>1.81%</b>	<b>98.33%</b>
HST		0.13	14.16		0.13	14.42	0.26	1.81%	12.78%
<b>Total Bill (including HST)</b>			<b>123.10</b>			<b>125.33</b>	<b>2.23</b>	<b>1.81%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-12.31		-0.10	-12.53	-0.22	1.81%	-11.11%
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>110.79</b>			<b>112.80</b>	<b>2.00</b>	<b>1.81%</b>	<b>100.00%</b>

**2015 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	33.65%
Energy Second Tier (kWh)	250	0.101	25.25	250	0.101	25.25	0.00	0.00%	13.17%
<b>Sub-Total: Energy (RPP)</b>			<b>89.75</b>			<b>89.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.83%</b>
Service Charge	1	29.69	29.69	1	39.41	39.41	9.72	32.74%	20.56%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-1.51	-1.51	-1.51	0.00%	-0.79%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.35	0.35	0.35	0.00%	0.18%
Distribution Volumetric Rate	1,000	0.04025	40.25	1,000	0.0307	30.70	-9.55	-23.73%	16.02%
Volumetric Smoothing Rider	1,000	0	0.00	1,000	-0.0012	-1.20	-1.20	0.00%	-0.63%
Volumetric Deferral/Variance Account Rider	1,000	0.00115	1.15	1,000	0.0000	0.00	-1.15	-100.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>71.09</b>			<b>67.75</b>	<b>-3.34</b>	<b>-4.70%</b>	<b>35.35%</b>
Line Losses on Cost of Power	92	0.10	9.29	92	0.10	9.29	0.00	0.00%	4.85%
<b>Sub-Total: Distribution</b>			<b>80.38</b>			<b>77.04</b>	<b>-3.34</b>	<b>-4.16%</b>	<b>40.20%</b>
Retail Transmission Rate – Network Service Rate	1,092	0.00527	5.75	1,092	0.0046	5.02	-0.73	-12.71%	2.62%
Retail Transmission Rate – Line and Transformation Connection S	1,092	0.0035	3.82	1,092	0.003	3.28	-0.55	-14.29%	1.71%
<b>Sub-Total: Retail Transmission</b>			<b>9.58</b>			<b>8.30</b>	<b>-1.28</b>	<b>-13.34%</b>	<b>4.33%</b>
<b>Sub-Total: Delivery</b>			<b>89.96</b>			<b>85.34</b>	<b>-4.62</b>	<b>-5.13%</b>	<b>44.53%</b>
Wholesale Market Service Rate	1,092	0.0044	4.80	1,092	0.0044	4.80	0.00	0.00%	2.51%
Rural Rate Protection Charge	1,092	0.0012	1.31	1,092	0.0012	1.31	0.00	0.00%	0.68%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.13%
<b>Sub-Total: Regulatory</b>			<b>6.37</b>			<b>6.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.32%</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>3.65%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>193.07</b>			<b>188.46</b>	<b>-4.62</b>	<b>-2.39%</b>	<b>98.33%</b>
HST		0.13	25.10		0.13	24.50	-0.60	-2.39%	12.78%
<b>Total Bill (including HST)</b>			<b>218.17</b>			<b>212.96</b>	<b>-5.22</b>	<b>-2.39%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-21.82		-0.10	-21.30	0.52	-2.39%	-11.11%
<b>Total Bill on Two-Tier RPP (including HST and OCEB)</b>			<b>196.36</b>			<b>191.66</b>	<b>-4.70</b>	<b>-2.39%</b>	<b>100.00%</b>

**2015 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,915	0.086	1,368.69	15,915	0.086	1,368.69	0.00	0.00%	46.61%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,368.69</b>			<b>1,368.69</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.61%</b>
Service Charge	1	52.27	52.27	1	83.96	83.96	31.69	60.63%	2.86%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-3.21	-3.21	-3.21	0.00%	-0.11%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.65	0.65	0.65	0.00%	0.02%
Distribution Volumetric Rate	60	11.433	685.98	60	13.7208	823.25	137.27	20.01%	28.03%
Volumetric Smoothing Rider	60	0	0.00	60	-0.5244	-31.46	-31.46	0.00%	-1.07%
Volumetric Deferral/Variance Account Rider	60	0.098	5.88	60	0.0144	0.86	-5.02	-85.31%	0.03%
<b>Sub-Total: Distribution</b>			<b>748.05</b>			<b>874.05</b>	<b>126.00</b>	<b>16.84%</b>	<b>29.76%</b>
Retail Transmission Rate – Network Service Rate	60	1.81	108.60	60	1.6422	98.53	-10.07	-9.27%	3.36%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.18	70.80	60	1.0516	63.10	-7.70	-10.88%	2.15%
<b>Sub-Total: Retail Transmission</b>			<b>179.40</b>			<b>161.63</b>	<b>-17.77</b>	<b>-9.91%</b>	<b>5.50%</b>
<b>Sub-Total: Delivery</b>			<b>927.45</b>			<b>1,035.68</b>	<b>108.23</b>	<b>11.67%</b>	<b>35.27%</b>
Wholesale Market Service Rate	15,915	0.0044	70.03	15,915	0.0044	70.03	0.00	0.00%	2.38%
Rural Rate Protection Charge	15,915	0.0012	19.10	15,915	0.0012	19.10	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%	0.01%
<b>Sub-Total: Regulatory</b>			<b>89.37</b>			<b>89.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.04%</b>
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.58%
<b>Total Bill (before Taxes)</b>			<b>2,490.51</b>			<b>2,598.74</b>	<b>108.23</b>	<b>4.35%</b>	<b>88.50%</b>
HST		0.13	323.77		0.13	337.84	14.07	4.35%	11.50%
<b>Total Bill (including HST)</b>			<b>2,814.28</b>			<b>2,936.58</b>	<b>122.30</b>	<b>4.35%</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 (including HST and OCEB)</b>			<b>2,814.28</b>			<b>2,936.58</b>	<b>122.30</b>	<b>4.35%</b>	<b>100.00%</b>

**2015 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	37,135	0.086	3,193.61	37,135	0.086	3,193.61	0.00	0.00%	50.14%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>3,193.61</b>			<b>3,193.61</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.14%</b>
Service Charge	1	52.27	52.27	1	83.96	83.96	31.69	60.63%	1.32%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-3.21	-3.21	-3.21	0.00%	-0.05%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.65	0.65	0.65	0.00%	0.01%
Distribution Volumetric Rate	120	11.433	1,371.96	120	13.7208	1,646.50	274.54	20.01%	25.85%
Volumetric Smoothing Rider	120	0	0.00	120	-0.5244	-62.93	-62.93	0.00%	-0.99%
Volumetric Deferral/Variance Account Rider	120	0.098	11.76	120	0.0144	1.73	-10.03	-85.31%	0.03%
<b>Sub-Total: Distribution</b>			<b>1,439.91</b>			<b>1,666.70</b>	<b>226.79</b>	<b>15.75%</b>	<b>26.17%</b>
Retail Transmission Rate – Network Service Rate	120	1.81	217.20	120	1.6422	197.06	-20.14	-9.27%	3.09%
Retail Transmission Rate – Line and Transformation Connection Service Rate	120	1.18	141.60	120	1.0516	126.19	-15.41	-10.88%	1.98%
<b>Sub-Total: Retail Transmission</b>			<b>358.80</b>			<b>323.26</b>	<b>-35.54</b>	<b>-9.91%</b>	<b>5.08%</b>
<b>Sub-Total: Delivery</b>			<b>1,798.71</b>			<b>1,989.95</b>	<b>191.24</b>	<b>10.63%</b>	<b>31.24%</b>
Wholesale Market Service Rate	37,135	0.0044	163.39	37,135	0.0044	163.39	0.00	0.00%	2.57%
Rural Rate Protection Charge	37,135	0.0012	44.56	37,135	0.0012	44.56	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>208.21</b>			<b>208.21</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.27%</b>
Debt Retirement Charge (DRC)	35,000	0.007	245.00	35,000	0.007	245.00	0.00	0.00%	3.85%
<b>Total Bill (before Taxes)</b>			<b>5,445.53</b>			<b>5,636.77</b>	<b>191.24</b>	<b>3.51%</b>	<b>88.50%</b>
HST		0.13	707.92		0.13	732.78	24.86	3.51%	11.50%
<b>Total Bill (including HST)</b>			<b>6,153.44</b>			<b>6,369.55</b>	<b>216.10</b>	<b>3.51%</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 (including HST and OCEB)</b>			<b>6,153.44</b>			<b>6,369.55</b>	<b>216.10</b>	<b>3.51%</b>	<b>100.00%</b>

**2015 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	185,675	0.086	15,968.05	185,675	0.086	15,968.05	0.00	0.00%	53.80%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>15,968.05</b>			<b>15,968.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.80%</b>
Service Charge	1	52.27	52.27	1	83.96	83.96	31.69	60.63%	0.28%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-3.21	-3.21	-3.21	0.00%	-0.01%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.65	0.65	0.65	0.00%	0.00%
Distribution Volumetric Rate	500	11.433	5,716.50	500	13.7208	6,860.40	1,143.90	20.01%	23.11%
Volumetric Smoothing Rider	500	0	0.00	500	-0.5244	-262.20	-262.20	0.00%	-0.88%
Volumetric Deferral/Variance Account Rider	500	0.098	49.00	500	0.0144	7.20	-41.80	-85.31%	0.02%
<b>Sub-Total: Distribution</b>			<b>5,821.69</b>			<b>6,686.80</b>	<b>865.11</b>	<b>14.86%</b>	<b>22.53%</b>
Retail Transmission Rate – Network Service Rate	500	1.81	905.00	500	1.6422	821.10	-83.90	-9.27%	2.77%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.18	590.00	500	1.0516	525.80	-64.20	-10.88%	1.77%
<b>Sub-Total: Retail Transmission</b>			<b>1,495.00</b>			<b>1,346.90</b>	<b>-148.10</b>	<b>-9.91%</b>	<b>4.54%</b>
<b>Sub-Total: Delivery</b>			<b>7,316.69</b>			<b>8,033.70</b>	<b>717.01</b>	<b>9.80%</b>	<b>27.07%</b>
Wholesale Market Service Rate	185,675	0.0044	816.97	185,675	0.0044	816.97	0.00	0.00%	2.75%
Rural Rate Protection Charge	185,675	0.0012	222.81	185,675	0.0012	222.81	0.00	0.00%	0.75%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,040.03</b>			<b>1,040.03</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.50%</b>
Debt Retirement Charge (DRC)	175,000	0.007	1,225.00	175,000	0.007	1,225.00	0.00	0.00%	4.13%
<b>Total Bill (before Taxes)</b>			<b>25,549.77</b>			<b>26,266.78</b>	<b>717.01</b>	<b>2.81%</b>	<b>88.50%</b>
HST		0.13	3,321.47		0.13	3,414.68	93.21	2.81%	11.50%
<b>Total Bill (including HST)</b>			<b>28,871.24</b>			<b>29,681.46</b>	<b>810.22</b>	<b>2.81%</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 (including HST and OCEB)</b>			<b>28,871.24</b>			<b>29,681.46</b>	<b>810.22</b>	<b>2.81%</b>	<b>100.00%</b>

**2015 Bill Impacts (Low Consumption Level)**

Rate Class	UGd
Monthly Consumption (kWh)	15,000
Peak (kW)	60
Loss factor-Current	1.061
Loss factor-Proposed	1.050
Load factor	34%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted - Current	15,915
Monthly Consumption (kWh) - Uplifted - Proposed	15,750
Charge determinant	kW

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,915	0.086	1,368.69	15,750	0.086	1,354.50	-14.19	-1.04%	52.59%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,368.69</b>			<b>1,354.50</b>	<b>-14.19</b>	<b>-1.04%</b>	<b>52.59%</b>
Service Charge	1	28.71	28.71	1	85.01	85.01	56.30	196.10%	3.30%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-3.25	-3.25	-3.25	0.00%	-0.13%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.66	0.66	0.66	0.00%	0.03%
Distribution Volumetric Rate	60	6.935	416.10	60	7.8589	471.53	55.43	13.32%	18.31%
Volumetric Smoothing Rider	60	0	0.00	60	-0.3004	-18.02	-18.02	0.00%	-0.70%
Volumetric Deferral/Variance Account Rider	60	-0.093	-5.58	60	-0.0434	-2.60	2.98	-53.33%	-0.10%
<b>Sub-Total: Distribution</b>			<b>443.15</b>			<b>533.33</b>	<b>90.18</b>	<b>20.35%</b>	<b>20.71%</b>
Retail Transmission Rate – Network Service Rate	60	1.89	113.40	60	2.0313	121.88	8.48	7.48%	4.73%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.24	74.40	60	1.2711	76.27	1.87	2.51%	2.96%
<b>Sub-Total: Retail Transmission</b>			<b>187.80</b>			<b>198.14</b>	<b>10.34</b>	<b>5.51%</b>	<b>7.69%</b>
<b>Sub-Total: Delivery</b>			<b>630.95</b>			<b>731.47</b>	<b>100.52</b>	<b>15.93%</b>	<b>28.40%</b>
Wholesale Market Service Rate	15,915	0.0044	70.03	15,750	0.0044	69.30	-0.73	-1.04%	2.69%
Rural Rate Protection Charge	15,915	0.0012	19.10	15,750	0.0012	18.90	-0.20	-1.04%	0.73%
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>89.37</b>			<b>88.45</b>	<b>-0.92</b>	<b>-1.03%</b>	<b>3.43%</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>4.08%</b>
<b>Total Bill (before Taxes)</b>			<b>2,194.01</b>			<b>2,279.42</b>	<b>85.41</b>	<b>3.89%</b>	<b>88.50%</b>
HST		0.13	285.22		0.13	296.32	11.10	3.89%	11.50%
<b>Total Bill (including HST)</b>			<b>2,479.24</b>			<b>2,575.74</b>	<b>96.51</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 (including HST and OCEB)</b>			<b>2,479.24</b>			<b>2,575.74</b>	<b>96.51</b>	<b>3.89%</b>	<b>100.00%</b>



**2015 Bill Impacts (Typical Consumption Level)**

Rate Class	UGd
Monthly Consumption (kWh)	35,000
Peak (kW)	120
Loss factor-Current	1.061
Loss factor-Proposed	1.050
Load factor	40%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted - Current	37,135
Monthly Consumption (kWh) - Uplifted - Proposed	36,750
Charge determinant	kW

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	37,135	0.086	3,193.61	36,750	0.086	3,160.50	-33.11	-1.04%	56.03%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>3,193.61</b>			<b>3,160.50</b>	<b>-33.11</b>	<b>-1.04%</b>	<b>56.03%</b>
Service Charge	1	28.71	28.71	1	85.01	85.01	56.30	196.10%	1.51%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-3.25	-3.25	-3.25	0.00%	-0.06%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.66	0.66	0.66	0.00%	0.01%
Distribution Volumetric Rate	120	6.935	832.20	120	7.8589	943.07	110.87	13.32%	16.72%
Volumetric Smoothing Rider	120	0	0.00	120	-0.3004	-36.05	-36.05	0.00%	-0.64%
Volumetric Deferral/Variance Account Rider	120	-0.093	-11.16	120	-0.0434	-5.21	5.95	-53.33%	-0.09%
<b>Sub-Total: Distribution</b>			<b>853.67</b>			<b>984.23</b>	<b>130.56</b>	<b>15.29%</b>	<b>17.45%</b>
Retail Transmission Rate – Network Service Rate	120	1.89	226.80	120	2.0313	243.76	16.96	7.48%	4.32%
Retail Transmission Rate – Line and Transformation Connection Service Rate	120	1.24	148.80	120	1.2711	152.53	3.73	2.51%	2.70%
<b>Sub-Total: Retail Transmission</b>			<b>375.60</b>			<b>396.29</b>	<b>20.69</b>	<b>5.51%</b>	<b>7.03%</b>
<b>Sub-Total: Delivery</b>			<b>1,229.27</b>			<b>1,380.52</b>	<b>151.25</b>	<b>12.30%</b>	<b>24.47%</b>
Wholesale Market Service Rate	37,135	0.0044	163.39	36,750	0.0044	161.70	-1.69	-1.04%	2.87%
Rural Rate Protection Charge	37,135	0.0012	44.56	36,750	0.0012	44.10	-0.46	-1.04%	0.78%
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>208.21</b>			<b>206.05</b>	<b>-2.16</b>	<b>-1.04%</b>	<b>3.65%</b>
Debt Retirement Charge (DRC)	35,000	0.007	245.00	35,000	0.007	245.00	0.00	0.00%	4.34%
<b>Total Bill (before Taxes)</b>			<b>4,876.09</b>			<b>4,992.07</b>	<b>115.98</b>	<b>2.38%</b>	<b>88.50%</b>
HST		0.13	633.89		0.13	648.97	15.08	2.38%	11.50%
<b>Total Bill (including HST)</b>			<b>5,509.98</b>			<b>5,641.04</b>	<b>131.06</b>	<b>2.38%</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 (including HST and OCEB)</b>			<b>5,509.98</b>			<b>5,641.04</b>	<b>131.06</b>	<b>2.38%</b>	<b>100.00%</b>

**2015 Bill Impacts (High Consumption Level)**

Rate Class	UGd
Monthly Consumption (kWh)	175,000
Peak (kW)	500
Loss factor-Current	1.061
Loss factor-Proposed	1.050
Load factor	48%
Commodity Threshold	0
Monthly Consumption (kWh) - Uplifted - Current	185,675
Monthly Consumption (kWh) - Uplifted - Proposed	183,750
Charge determinant	kW

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	185,675	0.086	15,968.05	183,750	0.086	15,802.50	-165.55	-1.04%	59.39%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>15,968.05</b>			<b>15,802.50</b>	<b>-165.55</b>	<b>-1.04%</b>	<b>59.39%</b>
Service Charge	1	28.71	28.71	1	85.01	85.01	56.30	196.10%	0.32%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-3.25	-3.25	-3.25	0.00%	-0.01%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	0.66	0.66	0.66	0.00%	0.00%
Distribution Volumetric Rate	500	6.935	3,467.50	500	7.8589	3,929.45	461.95	13.32%	14.77%
Volumetric Smoothing Rider	500	0	0.00	500	-0.3004	-150.20	-150.20	0.00%	-0.56%
Volumetric Deferral/Variance Account Rider	500	-0.093	-46.50	500	-0.0434	-21.70	24.80	-53.33%	-0.08%
<b>Sub-Total: Distribution</b>			<b>3,453.63</b>			<b>3,839.97</b>	<b>386.34</b>	<b>11.19%</b>	<b>14.43%</b>
Retail Transmission Rate – Network Service Rate	500	1.89	945.00	500	2.0313	1,015.65	70.65	7.48%	3.82%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.24	620.00	500	1.2711	635.55	15.55	2.51%	2.39%
<b>Sub-Total: Retail Transmission</b>			<b>1,565.00</b>			<b>1,651.20</b>	<b>86.20</b>	<b>5.51%</b>	<b>6.21%</b>
<b>Sub-Total: Delivery</b>			<b>5,018.63</b>			<b>5,491.17</b>	<b>472.54</b>	<b>9.42%</b>	<b>20.64%</b>
Wholesale Market Service Rate	185,675	0.0044	816.97	183,750	0.0044	808.50	-8.47	-1.04%	3.04%
Rural Rate Protection Charge	185,675	0.0012	222.81	183,750	0.0012	220.50	-2.31	-1.04%	0.83%
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>1,040.03</b>			<b>1,029.25</b>	<b>-10.78</b>	<b>-1.04%</b>	<b>3.87%</b>
Debt Retirement Charge (DRC)	175,000	0.007	1,225.00	175,000	0.007	1,225.00	0.00	0.00%	4.60%
<b>Total Bill (before Taxes)</b>			<b>23,251.71</b>			<b>23,547.92</b>	<b>296.21</b>	<b>1.27%</b>	<b>88.50%</b>
HST		0.13	3,022.72		0.13	3,061.23	38.51	1.27%	11.50%
<b>Total Bill (including HST)</b>			<b>26,274.43</b>			<b>26,609.15</b>	<b>334.72</b>	<b>1.27%</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 (including HST and OCEB)</b>			<b>26,274.43</b>			<b>26,609.15</b>	<b>334.72</b>	<b>1.27%</b>	<b>100.00%</b>

**2015 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	318	0.086	27.37	318	0.086	27.37	0.00	0.00%	10.30%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>27.37</b>			<b>27.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>10.30%</b>
Service Charge	1	38.13	38.13	1	168.02	168.02	129.89	340.65%	63.22%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-6.42	-6.42	-6.42	0.00%	-2.42%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	1.72	1.72	1.72	0.00%	0.65%
Distribution Volumetric Rate	10	5.951	59.51	10	3.2651	32.65	-26.86	-45.13%	12.28%
Volumetric Smoothing Rider	10	0	0.00	10	-0.1248	-1.25	-1.25	0.00%	-0.47%
Volumetric Deferral/Variance Account Rider	10	0.179	1.79	10	0.0047	0.05	-1.74	-97.37%	0.02%
<b>Sub-Total: Distribution</b>			<b>103.35</b>			<b>194.77</b>	<b>91.42</b>	<b>88.46%</b>	<b>73.28%</b>
Retail Transmission Rate – Network Service Rate	10	0.38	3.80	10	0.5491	5.49	1.69	44.50%	2.07%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10	0.24	2.40	10	0.3443	3.44	1.04	43.46%	1.30%
<b>Sub-Total: Retail Transmission</b>			<b>6.20</b>			<b>8.93</b>	<b>2.73</b>	<b>44.10%</b>	<b>3.36%</b>
<b>Sub-Total: Delivery</b>			<b>109.55</b>			<b>203.70</b>	<b>94.15</b>	<b>85.95%</b>	<b>76.64%</b>
Wholesale Market Service Rate	318	0.0044	1.40	318	0.0044	1.40	0.00	0.00%	0.53%
Rural Rate Protection Charge	318	0.0012	0.38	318	0.0012	0.38	0.00	0.00%	0.14%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.09%
<b>Sub-Total: Regulatory</b>			<b>2.03</b>			<b>2.03</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.76%</b>
Debt Retirement Charge (DRC)	300	0.007	2.10	300	0.007	2.10	0.00	0.00%	0.79%
<b>Total Bill (before Taxes)</b>			<b>141.06</b>			<b>235.21</b>	<b>94.15</b>	<b>66.75%</b>	<b>88.50%</b>
HST		0.13	18.34		0.13	30.58	12.24	66.75%	11.50%
<b>Total Bill (including HST)</b>			<b>159.39</b>			<b>265.79</b>	<b>106.39</b>	<b>66.75%</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 (including HST and OCEB)</b>			<b>159.39</b>			<b>265.79</b>	<b>106.39</b>	<b>66.75%</b>	<b>100.00%</b>

**2015 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	2,122	0.086	182.49	2,122	0.086	182.49	0.00	0.00%	35.67%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>182.49</b>			<b>182.49</b>	<b>0.00</b>	<b>0.00%</b>	<b>35.67%</b>
Service Charge	1	38.13	38.13	1	168.02	168.02	129.89	340.65%	32.84%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-6.42	-6.42	-6.42	0.00%	-1.25%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	1.72	1.72	1.72	0.00%	0.34%
Distribution Volumetric Rate	20	5.951	119.02	20	3.2651	65.30	-53.72	-45.13%	12.77%
Volumetric Smoothing Rider	20	0	0.00	20	-0.1248	-2.50	-2.50	0.00%	-0.49%
Volumetric Deferral/Variance Account Rider	20	0.179	3.58	20	0.0047	0.09	-3.49	-97.37%	0.02%
<b>Sub-Total: Distribution</b>			<b>164.65</b>			<b>226.22</b>	<b>61.57</b>	<b>37.39%</b>	<b>44.22%</b>
Retail Transmission Rate – Network Service Rate	20	0.38	7.60	20	0.5491	10.98	3.38	44.50%	2.15%
Retail Transmission Rate – Line and Transformation Connection Service Rate	20	0.24	4.80	20	0.3443	6.89	2.09	43.46%	1.35%
<b>Sub-Total: Retail Transmission</b>			<b>12.40</b>			<b>17.87</b>	<b>5.47</b>	<b>44.10%</b>	<b>3.49%</b>
<b>Sub-Total: Delivery</b>			<b>177.05</b>			<b>244.09</b>	<b>67.04</b>	<b>37.86%</b>	<b>47.71%</b>
Wholesale Market Service Rate	2,122	0.0044	9.34	2,122	0.0044	9.34	0.00	0.00%	1.83%
Rural Rate Protection Charge	2,122	0.0012	2.55	2,122	0.0012	2.55	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%	0.05%
<b>Sub-Total: Regulatory</b>			<b>12.13</b>			<b>12.13</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.37%</b>
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	2.74%
<b>Total Bill (before Taxes)</b>			<b>385.68</b>			<b>452.71</b>	<b>67.04</b>	<b>17.38%</b>	<b>88.50%</b>
HST		0.13	50.14		0.13	58.85	8.71	17.38%	11.50%
<b>Total Bill (including HST)</b>			<b>435.81</b>			<b>511.57</b>	<b>75.75</b>	<b>17.38%</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 (including HST and OCEB)</b>			<b>435.81</b>			<b>511.57</b>	<b>75.75</b>	<b>17.38%</b>	<b>100.00%</b>

**2015 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	5,305	0.086	456.23	5,305	0.086	456.23	0.00	0.00%	37.10%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>456.23</b>			<b>456.23</b>	<b>0.00</b>	<b>0.00%</b>	<b>37.10%</b>
Service Charge	1	38.13	38.13	1	168.02	168.02	129.89	340.65%	13.66%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-6.42	-6.42	-6.42	0.00%	-0.52%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	1.72	1.72	1.72	0.00%	0.14%
Distribution Volumetric Rate	100	5.951	595.10	100	3.2651	326.51	-268.59	-45.13%	26.55%
Volumetric Smoothing Rider	100	0	0.00	100	-0.1248	-12.48	-12.48	0.00%	-1.01%
Volumetric Deferral/Variance Account Rider	100	0.179	17.90	100	0.0047	0.47	-17.43	-97.37%	0.04%
<b>Sub-Total: Distribution</b>			<b>655.05</b>			<b>477.82</b>	<b>-177.23</b>	<b>-27.06%</b>	<b>38.85%</b>
Retail Transmission Rate – Network Service Rate	100	0.38	38.00	100	0.5491	54.91	16.91	44.50%	4.46%
Retail Transmission Rate – Line and Transformation Connection Service Rate	100	0.24	24.00	100	0.3443	34.43	10.43	43.46%	2.80%
<b>Sub-Total: Retail Transmission</b>			<b>62.00</b>			<b>89.34</b>	<b>27.34</b>	<b>44.10%</b>	<b>7.26%</b>
<b>Sub-Total: Delivery</b>			<b>717.05</b>			<b>567.16</b>	<b>-149.89</b>	<b>-20.90%</b>	<b>46.12%</b>
Wholesale Market Service Rate	5,305	0.0044	23.34	5,305	0.0044	23.34	0.00	0.00%	1.90%
Rural Rate Protection Charge	5,305	0.0012	6.37	5,305	0.0012	6.37	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%	0.02%
<b>Sub-Total: Regulatory</b>			<b>29.96</b>			<b>29.96</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.44%</b>
Debt Retirement Charge (DRC)	5,000	0.007	35.00	5,000	0.007	35.00	0.00	0.00%	2.85%
<b>Total Bill (before Taxes)</b>			<b>1,238.24</b>			<b>1,088.35</b>	<b>-149.89</b>	<b>-12.11%</b>	<b>88.50%</b>
HST		0.13	160.97		0.13	141.49	-19.49	-12.11%	11.50%
<b>Total Bill (including HST)</b>			<b>1,399.21</b>			<b>1,229.83</b>	<b>-169.38</b>	<b>-12.11%</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 (including HST and OCEB)</b>			<b>1,399.21</b>			<b>1,229.83</b>	<b>-169.38</b>	<b>-12.11%</b>	<b>100.00%</b>

**2015 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	206,800	0.086	17,784.80	206,800	0.086	17,784.80	0.00	0.00%	62.53%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>17,784.80</b>			<b>17,784.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>62.53%</b>
Service Charge	1	771.32	771.32	1	1129.23	1,129.23	357.91	46.40%	3.97%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-32.96	-32.96	-32.96	0.00%	-0.12%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	6.54	6.54	6.54	0.00%	0.02%
Distribution Volumetric Rate	500	0.682	341.00	500	1.1227	561.35	220.35	64.62%	1.97%
Volumetric Smoothing Rider	500	0	0.00	500	-0.0477	-23.85	-23.85	0.00%	-0.08%
Volumetric Deferral/Variance Account Rider	500	0.307	153.50	500	0.1895	94.75	-58.75	-38.27%	0.33%
<b>Sub-Total: Distribution</b>			<b>1,269.74</b>			<b>1,735.06</b>	<b>465.32</b>	<b>36.65%</b>	<b>6.10%</b>
Retail Transmission Rate – Network Service Rate	500	3.34	1,670.00	500	3.5654	1,782.70	112.70	6.75%	6.27%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	2.35	1,175.00	500	2.6212	1,310.60	135.60	11.54%	4.61%
<b>Sub-Total: Retail Transmission</b>			<b>2,845.00</b>			<b>3,093.30</b>	<b>248.30</b>	<b>8.73%</b>	<b>10.88%</b>
<b>Sub-Total: Delivery</b>			<b>4,114.74</b>			<b>4,828.36</b>	<b>713.62</b>	<b>17.34%</b>	<b>16.98%</b>
Wholesale Market Service Rate	206,800	0.0044	909.92	206,800	0.0044	909.92	0.00	0.00%	3.20%
Rural Rate Protection Charge	206,800	0.0012	248.16	206,800	0.0012	248.16	0.00	0.00%	0.87%
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>1,158.33</b>			<b>1,158.33</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.07%</b>
Debt Retirement Charge (DRC)	200,000	0.007	1,400.00	200,000	0.007	1,400.00	0.00	0.00%	4.92%
<b>Total Bill (before Taxes)</b>			<b>24,457.87</b>			<b>25,171.49</b>	<b>713.62</b>	<b>2.92%</b>	<b>88.50%</b>
HST		0.13	3,179.52		0.13	3,272.29	92.77	2.92%	11.50%
<b>Total Bill (including HST)</b>			<b>27,637.39</b>			<b>28,443.78</b>	<b>806.39</b>	<b>2.92%</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 (including HST and OCEB)</b>			<b>27,637.39</b>			<b>28,443.78</b>	<b>806.39</b>	<b>2.92%</b>	<b>100.00%</b>

**2015 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	517,000	0.086	44,462.00	517,000	0.086	44,462.00	0.00	0.00%	66.23%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>44,462.00</b>			<b>44,462.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>66.23%</b>
Service Charge	1	771.32	771.32	1	1129.23	1,129.23	357.91	46.40%	1.68%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-32.96	-32.96	-32.96	0.00%	-0.05%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	6.54	6.54	6.54	0.00%	0.01%
Distribution Volumetric Rate	1,000	0.682	682.00	1,000	1.1227	1,122.70	440.70	64.62%	1.67%
Volumetric Smoothing Rider	1,000	0	0.00	1,000	-0.0477	-47.70	-47.70	0.00%	-0.07%
Volumetric Deferral/Variance Account Rider	1,000	0.307	307.00	1,000	0.1895	189.50	-117.50	-38.27%	0.28%
<b>Sub-Total: Distribution</b>			<b>1,764.24</b>			<b>2,367.31</b>	<b>603.07</b>	<b>34.18%</b>	<b>3.53%</b>
Retail Transmission Rate – Network Service Rate	1,000	3.34	3,340.00	1,000	3.5654	3,565.40	225.40	6.75%	5.31%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,000	2.35	2,350.00	1,000	2.6212	2,621.20	271.20	11.54%	3.90%
<b>Sub-Total: Retail Transmission</b>			<b>5,690.00</b>			<b>6,186.60</b>	<b>496.60</b>	<b>8.73%</b>	<b>9.22%</b>
<b>Sub-Total: Delivery</b>			<b>7,454.24</b>			<b>8,553.91</b>	<b>1,099.67</b>	<b>14.75%</b>	<b>12.74%</b>
Wholesale Market Service Rate	517,000	0.0044	2,274.80	517,000	0.0044	2,274.80	0.00	0.00%	3.39%
Rural Rate Protection Charge	517,000	0.0012	620.40	517,000	0.0012	620.40	0.00	0.00%	0.92%
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>2,895.45</b>			<b>2,895.45</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.31%</b>
Debt Retirement Charge (DRC)	500,000	0.007	3,500.00	500,000	0.007	3,500.00	0.00	0.00%	5.21%
<b>Total Bill (before Taxes)</b>			<b>58,311.69</b>			<b>59,411.36</b>	<b>1,099.67</b>	<b>1.89%</b>	<b>88.50%</b>
HST		0.13	7,580.52		0.13	7,723.48	142.96	1.89%	11.50%
<b>Total Bill (including HST)</b>			<b>65,892.21</b>			<b>67,134.84</b>	<b>1,242.63</b>	<b>1.89%</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 (including HST and OCEB)</b>			<b>65,892.21</b>			<b>67,134.84</b>	<b>1,242.63</b>	<b>1.89%</b>	<b>100.00%</b>

**2015 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	4,136,000	0.086	355,696.00	4,136,000	0.086	355,696.00	0.00	0.00%	65.24%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>355,696.00</b>			<b>355,696.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>65.24%</b>
Service Charge	1	771.32	771.32	1	1129.23	1,129.23	357.91	46.40%	0.21%
Smart Meter Adder	1	3.92	3.92	1	0	0.00	-3.92	-100.00%	0.00%
Fixed Smoothing Rider	1	0	0.00	1	-32.96	-32.96	-32.96	0.00%	-0.01%
Fixed Deferral/Variance Account Rider	1	0	0.00	1	6.54	6.54	6.54	0.00%	0.00%
Distribution Volumetric Rate	10,000	0.682	6,820.00	10,000	1.1227	11,227.00	4,407.00	64.62%	2.06%
Volumetric Smoothing Rider	10,000	0	0.00	10,000	-0.0477	-477.00	-477.00	0.00%	-0.09%
Volumetric Deferral/Variance Account Rider	10,000	0.307	3,070.00	10,000	0.1895	1,895.00	-1,175.00	-38.27%	0.35%
<b>Sub-Total: Distribution</b>			<b>10,665.24</b>			<b>13,747.81</b>	<b>3,082.57</b>	<b>28.90%</b>	<b>2.52%</b>
Retail Transmission Rate – Network Service Rate	10,000	3.34	33,400.00	10,000	3.5654	35,654.00	2,254.00	6.75%	6.54%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,000	2.35	23,500.00	10,000	2.6212	26,212.00	2,712.00	11.54%	4.81%
<b>Sub-Total: Retail Transmission</b>			<b>56,900.00</b>			<b>61,866.00</b>	<b>4,966.00</b>	<b>8.73%</b>	<b>11.35%</b>
<b>Sub-Total: Delivery</b>			<b>67,565.24</b>			<b>75,613.81</b>	<b>8,048.57</b>	<b>11.91%</b>	<b>13.87%</b>
Wholesale Market Service Rate	4,136,000	0.0044	18,198.40	4,136,000	0.0044	18,198.40	0.00	0.00%	3.34%
Rural Rate Protection Charge	4,136,000	0.0012	4,963.20	4,136,000	0.0012	4,963.20	0.00	0.00%	0.91%
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>23,161.85</b>			<b>23,161.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.25%</b>
Debt Retirement Charge (DRC)	4,000,000	0.007	28,000.00	4,000,000	0.007	28,000.00	0.00	0.00%	5.14%
<b>Total Bill (before Taxes)</b>			<b>474,423.09</b>			<b>482,471.66</b>	<b>8,048.57</b>	<b>1.70%</b>	<b>88.50%</b>
HST		0.13	61,675.00		0.13	62,721.32	1,046.31	1.70%	11.50%
<b>Total Bill (including HST)</b>			<b>536,098.09</b>			<b>545,192.98</b>	<b>9,094.88</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 (including HST and OCEB)</b>			<b>536,098.09</b>			<b>545,192.98</b>	<b>9,094.88</b>	<b>1.70%</b>	<b>100.00%</b>



**2016 Bill Impacts (Low Consumption Level)**

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Rate Class	UR
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	105.7
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)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	24.38%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>24.38%</b>	
TOU-Off Peak	64	0.075	4.80	64	0.075	4.80	0.00	0.00%		13.34%
TOU-Mid Peak	18	0.112	2.02	18	0.112	2.02	0.00	0.00%		5.60%
TOU-On Peak	18	0.135	2.43	18	0.135	2.43	0.00	0.00%		6.75%
<b>Sub-Total: Energy (TOU)</b>			<b>9.25</b>			<b>9.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>26.21%</b>	<b>25.70%</b>
Service Charge	1	20.45	20.45	1	21.02	21.02	0.57	2.79%	59.58%	58.43%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-0.78	-0.78	1	-0.98	-0.98	-0.20	25.64%	-2.78%	-2.72%
Fixed Deferral/Variance Account Rider	1	0.25	0.25	1	0.24	0.24	-0.01	-4.00%	0.68%	0.67%
Distribution Volumetric Rate	100	0.0176	1.76	100	0.0182	1.82	0.06	3.41%	5.16%	5.06%
Volumetric Smoothing Rider	100	-0.0007	-0.07	100	-0.0008	-0.08	-0.01	14.29%	-0.23%	-0.22%
Volumetric Deferral/Variance Account Rider	100	-0.0001	-0.01	100	-0.0001	-0.01	0.00	0.00%	-0.03%	-0.03%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>21.60</b>			<b>22.01</b>	<b>0.41</b>	<b>1.90%</b>	<b>62.39%</b>	<b>61.18%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	2.24%	2.20%
Line Losses on Cost of Power (based on two-tier RPP prices)	6	0.09	0.49	6	0.09	0.49	0.00	0.00%	1.39%	1.36%
Line Losses on Cost of Power (based on TOU prices)	6	0.09	0.53	6	0.09	0.53	0.00	0.00%	1.49%	1.47%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>22.88</b>			<b>23.29</b>	<b>0.41</b>	<b>1.79%</b>	<b>66.02%</b>	<b>64.74%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>22.92</b>			<b>23.33</b>	<b>0.41</b>	<b>1.79%</b>	<b>66.12%</b>	<b>64.84%</b>
Retail Transmission Rate – Network Service Rate	106	0.0071	0.75	106	0.0071	0.75	0.00	0.00%	2.13%	2.09%
Retail Transmission Rate – Line and Transformation Connection	106	0.0048	0.51	106	0.0048	0.51	0.00	0.00%	1.44%	1.41%
<b>Sub-Total: Retail Transmission</b>			<b>1.26</b>			<b>1.26</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.57%</b>	<b>3.50%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>24.14</b>			<b>24.55</b>	<b>0.41</b>	<b>1.70%</b>	<b>69.58%</b>	<b>68.24%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>24.17</b>			<b>24.58</b>	<b>0.41</b>	<b>1.70%</b>	<b>69.69%</b>	<b>68.34%</b>
Wholesale Market Service Rate	106	0.0044	0.47	106	0.0044	0.47	0.00	0.00%	1.32%	1.29%
Rural Rate Protection Charge	106	0.0012	0.13	106	0.0012	0.13	0.00	0.00%	0.36%	0.35%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.71%	0.69%
<b>Sub-Total: Regulatory</b>			<b>0.84</b>			<b>0.84</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.39%</b>	<b>2.34%</b>
<b>Debt Retirement Charge (DRC)</b>	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	1.98%	1.95%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>34.28</b>			<b>34.69</b>	<b>0.41</b>	<b>1.20%</b>	<b>98.33%</b>	
HST		0.13	4.46		0.13	4.51	0.05	1.20%	12.78%	
<b>Total Bill (including HST)</b>			<b>38.74</b>			<b>39.20</b>	<b>0.46</b>	<b>1.20%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-3.87		-0.10	-3.92	-0.05	1.20%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>34.86</b>			<b>35.28</b>	<b>0.42</b>	<b>1.20%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>34.96</b>			<b>35.37</b>	<b>0.41</b>	<b>1.17%</b>		<b>98.33%</b>
HST		0.13	4.55		0.13	4.60	0.05	1.17%		12.78%
<b>Total Bill (including HST)</b>			<b>39.51</b>			<b>39.97</b>	<b>0.46</b>	<b>1.17%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-3.95		-0.10	-4.00	-0.05	1.17%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>35.56</b>			<b>35.97</b>	<b>0.42</b>	<b>1.17%</b>		<b>100.00%</b>

**2016 Bill Impacts (Typical Consumption Level)**

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Rate Class	UR
Monthly Consumption (kWh)	800
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	845.6
Charge determinant	kWh

	Volume	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	0.086	51.60	600	0.086	51.60	0.00	0.00%	38.45%	
Energy Second Tier (kWh)	200	0.101	20.20	200	0.101	20.20	0.00	0.00%	15.05%	
<b>Sub-Total: Energy (RPP)</b>			<b>71.80</b>			<b>71.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.50%</b>	
TOU-Off Peak	512	0.075	38.40	512	0.075	38.40	0.00	0.00%		28.23%
TOU-Mid Peak	144	0.112	16.13	144	0.112	16.13	0.00	0.00%		11.86%
TOU-On Peak	144	0.135	19.44	144	0.135	19.44	0.00	0.00%		14.29%
<b>Sub-Total: Energy (TOU)</b>			<b>73.97</b>			<b>73.97</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.11%</b>	<b>54.38%</b>
Service Charge	1	20.45	20.45	1	21.02	21.02	0.57	2.79%	15.66%	15.45%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-0.78	-0.78	1	-0.98	-0.98	-0.20	25.64%	-0.73%	-0.72%
Fixed Deferral/Variance Account Rider	1	0.25	0.25	1	0.24	0.24	-0.01	-4.00%	0.18%	0.18%
Distribution Volumetric Rate	800	0.0176	14.08	800	0.0182	14.56	0.48	3.41%	10.85%	10.70%
Volumetric Smoothing Rider	800	-0.0007	-0.56	800	-0.0008	-0.64	-0.08	14.29%	-0.48%	-0.47%
Volumetric Deferral/Variance Account Rider	800	-0.0001	-0.08	800	-0.0001	-0.08	0.00	0.00%	-0.06%	-0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>33.36</b>			<b>34.12</b>	<b>0.76</b>	<b>2.28%</b>	<b>25.42%</b>	<b>25.09%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.59%	0.58%
Line Losses on Cost of Power (based on two-tier RPP prices)	46	0.10	4.61	46	0.10	4.61	0.00	0.00%	3.43%	3.39%
Line Losses on Cost of Power (based on TOU prices)	46	0.09	4.22	46	0.09	4.22	0.00	0.00%	3.14%	3.10%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>38.76</b>			<b>39.52</b>	<b>0.76</b>	<b>1.96%</b>	<b>29.44%</b>	<b>29.05%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>38.37</b>			<b>39.13</b>	<b>0.76</b>	<b>1.98%</b>	<b>29.15%</b>	<b>28.77%</b>
Retail Transmission Rate – Network Service Rate	846	0.0071	6.00	846	0.0071	6.00	0.00	0.00%	4.47%	4.41%
Retail Transmission Rate – Line and Transformation Connection	846	0.0048	4.06	846	0.0048	4.06	0.00	0.00%	3.02%	2.98%
<b>Sub-Total: Retail Transmission</b>			<b>10.06</b>			<b>10.06</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.50%</b>	<b>7.40%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>48.82</b>			<b>49.58</b>	<b>0.76</b>	<b>1.56%</b>	<b>36.94%</b>	<b>36.45%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>48.43</b>			<b>49.19</b>	<b>0.76</b>	<b>1.57%</b>	<b>36.65%</b>	<b>36.16%</b>
Wholesale Market Service Rate	846	0.0044	3.72	846	0.0044	3.72	0.00	0.00%	2.77%	2.74%
Rural Rate Protection Charge	846	0.0012	1.01	846	0.0012	1.01	0.00	0.00%	0.76%	0.75%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.19%	0.18%
<b>Sub-Total: Regulatory</b>			<b>4.99</b>			<b>4.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.71%</b>	<b>3.67%</b>
<b>Debt Retirement Charge (DRC)</b>	800	0.007	5.60	800	0.007	5.60	0.00	0.00%	4.17%	4.12%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>131.20</b>			<b>131.96</b>	<b>0.76</b>	<b>0.58%</b>	<b>98.33%</b>	
HST		0.13	17.06		0.13	17.16	0.10	0.58%	12.78%	
<b>Total Bill (including HST)</b>			<b>148.26</b>			<b>149.12</b>	<b>0.86</b>	<b>0.58%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-14.83		-0.10	-14.91	-0.09	0.58%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>133.43</b>			<b>134.21</b>	<b>0.77</b>	<b>0.58%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>132.98</b>			<b>133.74</b>	<b>0.76</b>	<b>0.57%</b>		<b>98.33%</b>
HST		0.13	17.29		0.13	17.39	0.10	0.57%		12.78%
<b>Total Bill (including HST)</b>			<b>150.27</b>			<b>151.13</b>	<b>0.86</b>	<b>0.57%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-15.03		-0.10	-15.11	-0.09	0.57%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>135.24</b>			<b>136.02</b>	<b>0.77</b>	<b>0.57%</b>		<b>100.00%</b>

**2016 Bill Impacts (High Consumption Level)**

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Rate Class	UR
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	2114
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	0.086	51.60	600	0.086	51.60	0.00	0.00%	16.29%	
Energy Second Tier (kWh)	1,400	0.101	141.40	1,400	0.101	141.40	0.00	0.00%	44.64%	
<b>Sub-Total: Energy (RPP)</b>			<b>193.00</b>			<b>193.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>60.94%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		31.22%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		13.11%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		15.80%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.39%</b>	<b>60.13%</b>
Service Charge	1	20.45	20.45	1	21.02	21.02	0.57	2.79%	6.64%	6.84%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-0.78	-0.78	1	-0.98	-0.98	-0.20	25.64%	-0.31%	-0.32%
Fixed Deferral/Variance Account Rider	1	0.25	0.25	1	0.24	0.24	-0.01	-4.00%	0.08%	0.08%
Distribution Volumetric Rate	2,000	0.0176	35.20	2,000	0.0182	36.40	1.20	3.41%	11.49%	11.84%
Volumetric Smoothing Rider	2,000	-0.0007	-1.40	2,000	-0.0008	-1.60	-0.20	14.29%	-0.51%	-0.52%
Volumetric Deferral/Variance Account Rider	2,000	-0.0001	-0.20	2,000	-0.0001	-0.20	0.00	0.00%	-0.06%	-0.07%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>53.52</b>			<b>54.88</b>	<b>1.36</b>	<b>2.54%</b>	<b>17.33%</b>	<b>17.85%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.25%	0.26%
Line Losses on Cost of Power (based on two-tier RPP prices)	114	0.10	11.51	114	0.10	11.51	0.00	0.00%	3.64%	3.74%
Line Losses on Cost of Power (based on TOU prices)	114	0.09	10.54	114	0.09	10.54	0.00	0.00%	3.33%	3.43%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>65.82</b>			<b>67.18</b>	<b>1.36</b>	<b>2.07%</b>	<b>21.21%</b>	<b>21.85%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>64.85</b>			<b>66.21</b>	<b>1.36</b>	<b>2.10%</b>	<b>20.90%</b>	<b>21.53%</b>
Retail Transmission Rate – Network Service Rate	2,114	0.0071	15.01	2,114	0.0071	15.01	0.00	0.00%	4.74%	4.88%
Retail Transmission Rate – Line and Transformation Connection \$	2,114	0.0048	10.15	2,114	0.0048	10.15	0.00	0.00%	3.20%	3.30%
<b>Sub-Total: Retail Transmission</b>			<b>25.16</b>			<b>25.16</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.94%</b>	<b>8.18%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>90.98</b>			<b>92.34</b>	<b>1.36</b>	<b>1.49%</b>	<b>29.15%</b>	<b>30.03%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>90.01</b>			<b>91.37</b>	<b>1.36</b>	<b>1.51%</b>	<b>28.85%</b>	<b>29.71%</b>
Wholesale Market Service Rate	2,114	0.0044	9.30	2,114	0.0044	9.30	0.00	0.00%	2.94%	3.02%
Rural Rate Protection Charge	2,114	0.0012	2.54	2,114	0.0012	2.54	0.00	0.00%	0.80%	0.82%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Regulatory</b>			<b>12.09</b>			<b>12.09</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.82%</b>	<b>3.93%</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>4.42%</b>	<b>4.55%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>310.07</b>			<b>311.43</b>	<b>1.36</b>	<b>0.44%</b>	<b>98.33%</b>	
HST		0.13	40.31		0.13	40.49	0.18	0.44%	12.78%	
<b>Total Bill (including HST)</b>			<b>350.38</b>			<b>351.91</b>	<b>1.54</b>	<b>0.44%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-35.04		-0.10	-35.19	-0.15	0.44%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>315.34</b>			<b>316.72</b>	<b>1.38</b>	<b>0.44%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>301.02</b>			<b>302.38</b>	<b>1.36</b>	<b>0.45%</b>		<b>98.33%</b>
HST		0.13	39.13		0.13	39.31	0.18	0.45%		12.78%
<b>Total Bill (including HST)</b>			<b>340.15</b>			<b>341.68</b>	<b>1.54</b>	<b>0.45%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-34.01		-0.10	-34.17	-0.15	0.45%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>306.13</b>			<b>307.52</b>	<b>1.38</b>	<b>0.45%</b>		<b>100.00%</b>

**2016 Bill Impacts (Low Consumption Level)**

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Rate Class	R1
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	107.6
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)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	19.10%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>19.10%</b>	
TOU-Off Peak	64	0.075	4.80	64	0.075	4.80	0.00	0.00%		10.49%
TOU-Mid Peak	18	0.112	2.02	18	0.112	2.02	0.00	0.00%		4.41%
TOU-On Peak	18	0.135	2.43	18	0.135	2.43	0.00	0.00%		5.31%
<b>Sub-Total: Energy (TOU)</b>			<b>9.25</b>			<b>9.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>20.53%</b>	<b>20.21%</b>
Service Charge	1	28.16	28.16	1	29.44	29.44	1.28	4.55%	65.37%	64.36%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-1.08	-1.08	1	-1.37	-1.37	-0.29	26.85%	-3.04%	-3.00%
Fixed Deferral/Variance Account Rider	1	0.3	0.30	1	0.30	0.30	0.00	0.00%	0.67%	0.66%
Distribution Volumetric Rate	100	0.0311	3.11	100	0.0326	3.26	0.15	4.82%	7.24%	7.13%
Volumetric Smoothing Rider	100	-0.0012	-0.12	100	-0.0015	-0.15	-0.03	25.00%	-0.33%	-0.33%
Volumetric Deferral/Variance Account Rider	100	0.0000	0.00	100	0.0000	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>30.37</b>			<b>31.48</b>	<b>1.11</b>	<b>3.65%</b>	<b>69.90%</b>	<b>68.82%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.75%	1.73%
Line Losses on Cost of Power (based on two-tier RPP prices)	8	0.09	0.65	8	0.09	0.65	0.00	0.00%	1.45%	1.43%
Line Losses on Cost of Power (based on TOU prices)	8	0.09	0.70	8	0.09	0.70	0.00	0.00%	1.56%	1.54%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>31.81</b>			<b>32.92</b>	<b>1.11</b>	<b>3.49%</b>	<b>73.11%</b>	<b>71.98%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>31.86</b>			<b>32.97</b>	<b>1.11</b>	<b>3.48%</b>	<b>73.22%</b>	<b>72.09%</b>
Retail Transmission Rate – Network Service Rate	108	0.0066	0.71	108	0.0066	0.71	0.00	0.00%	1.58%	1.55%
Retail Transmission Rate – Line and Transformation Connection	108	0.0046	0.49	108	0.0046	0.49	0.00	0.00%	1.10%	1.08%
<b>Sub-Total: Retail Transmission</b>			<b>1.21</b>			<b>1.21</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.68%</b>	<b>2.63%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>33.02</b>			<b>34.13</b>	<b>1.11</b>	<b>3.36%</b>	<b>75.78%</b>	<b>74.61%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>33.07</b>			<b>34.18</b>	<b>1.11</b>	<b>3.36%</b>	<b>75.89%</b>	<b>74.72%</b>
Wholesale Market Service Rate	108	0.0044	0.47	108	0.0044	0.47	0.00	0.00%	1.05%	1.04%
Rural Rate Protection Charge	108	0.0012	0.13	108	0.0012	0.13	0.00	0.00%	0.29%	0.28%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.56%	0.55%
<b>Sub-Total: Regulatory</b>			<b>0.85</b>			<b>0.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.89%</b>	<b>1.86%</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>1.55%</b>	<b>1.53%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>43.17</b>			<b>44.28</b>	<b>1.11</b>	<b>2.57%</b>	<b>98.33%</b>	
HST		0.13	5.61		0.13	5.76	0.14	2.57%	12.78%	
<b>Total Bill (including HST)</b>			<b>48.78</b>			<b>50.04</b>	<b>1.25</b>	<b>2.57%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-4.88		-0.10	-5.00	-0.13	2.57%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>43.91</b>			<b>45.03</b>	<b>1.13</b>	<b>2.57%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>43.87</b>			<b>44.98</b>	<b>1.11</b>	<b>2.53%</b>		<b>98.33%</b>
HST		0.13	5.70		0.13	5.85	0.14	2.53%	12.78%	
<b>Total Bill (including HST)</b>			<b>49.57</b>			<b>50.82</b>	<b>1.25</b>	<b>2.53%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-4.96		-0.10	-5.08	-0.13	2.53%	-11.11%	
<b>Total Bill on TOU (including OCEB)</b>			<b>44.61</b>			<b>45.74</b>	<b>1.13</b>	<b>2.53%</b>		<b>100.00%</b>

**2016 Bill Impacts (Typical Consumption Level)**

Rate Class	R1
Monthly Consumption (kWh)	800
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	860.8
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	33.32%	
Energy Second Tier (kWh)	200	0.101	20.20	200	0.101	20.20	0.00	0.00%	13.04%	
<b>Sub-Total: Energy (RPP)</b>			<b>71.80</b>			<b>71.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.36%</b>	
TOU-Off Peak	512	0.075	38.40	512	0.075	38.40	0.00	0.00%		24.53%
TOU-Mid Peak	144	0.112	16.13	144	0.112	16.13	0.00	0.00%		10.30%
TOU-On Peak	144	0.135	19.44	144	0.135	19.44	0.00	0.00%		12.42%
<b>Sub-Total: Energy (TOU)</b>			<b>73.97</b>			<b>73.97</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.76%</b>	<b>47.25%</b>
Service Charge	1	28.16	28.16	1	29.44	29.44	1.28	4.55%	19.01%	18.80%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-1.08	-1.08	1	-1.37	-1.37	-0.29	26.85%	-0.88%	-0.88%
Fixed Deferral/Variance Account Rider	1	0.3	0.30	1	0.30	0.30	0.00	0.00%	0.19%	0.19%
Distribution Volumetric Rate	800	0.0311	24.88	800	0.0326	26.08	1.20	4.82%	16.84%	16.66%
Volumetric Smoothing Rider	800	-0.0012	-0.96	800	-0.0015	-1.20	-0.24	25.00%	-0.77%	-0.77%
Volumetric Deferral/Variance Account Rider	800	0.0000	0.00	800	0.0000	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>51.30</b>			<b>53.25</b>	<b>1.95</b>	<b>3.80%</b>	<b>34.38%</b>	<b>34.01%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.51%	0.50%
Line Losses on Cost of Power (based on two-tier RPP prices)	61	0.10	6.14	61	0.10	6.14	0.00	0.00%	3.96%	3.92%
Line Losses on Cost of Power (based on TOU prices)	61	0.09	5.62	61	0.09	5.62	0.00	0.00%	3.63%	3.59%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>58.23</b>			<b>60.18</b>	<b>1.95</b>	<b>3.35%</b>	<b>38.86%</b>	<b>38.44%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>57.71</b>			<b>59.66</b>	<b>1.95</b>	<b>3.38%</b>	<b>38.52%</b>	<b>38.11%</b>
Retail Transmission Rate – Network Service Rate	861	0.0066	5.68	861	0.0066	5.68	0.00	0.00%	3.67%	3.63%
Retail Transmission Rate – Line and Transformation Connection	861	0.0046	3.96	861	0.0046	3.96	0.00	0.00%	2.56%	2.53%
<b>Sub-Total: Retail Transmission</b>			<b>9.64</b>			<b>9.64</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.22%</b>	<b>6.16%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>67.87</b>			<b>69.82</b>	<b>1.95</b>	<b>2.87%</b>	<b>45.08%</b>	<b>44.60%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>67.35</b>			<b>69.30</b>	<b>1.95</b>	<b>2.90%</b>	<b>44.75%</b>	<b>44.27%</b>
Wholesale Market Service Rate	861	0.0044	3.79	861	0.0044	3.79	0.00	0.00%	2.45%	2.42%
Rural Rate Protection Charge	861	0.0012	1.03	861	0.0012	1.03	0.00	0.00%	0.67%	0.66%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.16%	0.16%
<b>Sub-Total: Regulatory</b>			<b>5.07</b>			<b>5.07</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.27%</b>	<b>3.24%</b>
<b>Debt Retirement Charge (DRC)</b>	800	0.007	5.60	800	0.007	5.60	<b>0.00</b>	<b>0.00%</b>	<b>3.62%</b>	<b>3.58%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>150.34</b>			<b>152.29</b>	<b>1.95</b>	<b>1.30%</b>	<b>98.33%</b>	
HST		0.13	19.54		0.13	19.80	0.25	1.30%	12.78%	
<b>Total Bill (including HST)</b>			<b>169.89</b>			<b>172.09</b>	<b>2.20</b>	<b>1.30%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-16.99		-0.10	-17.21	-0.22	1.30%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>152.90</b>			<b>154.88</b>	<b>1.98</b>	<b>1.30%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>151.99</b>			<b>153.94</b>	<b>1.95</b>	<b>1.28%</b>		<b>98.33%</b>
HST		0.13	19.76		0.13	20.01	0.25	1.28%		12.78%
<b>Total Bill (including HST)</b>			<b>171.75</b>			<b>173.95</b>	<b>2.20</b>	<b>1.28%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-17.17		-0.10	-17.40	-0.22	1.28%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>154.57</b>			<b>156.56</b>	<b>1.98</b>	<b>1.28%</b>		<b>100.00%</b>

**2016 Bill Impacts (High Consumption Level)**

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Rate Class	R1
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	2152
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	0.086	51.60	600	0.086	51.60	0.00	0.00%	14.49%	
Energy Second Tier (kWh)	1,400	0.101	141.40	1,400	0.101	141.40	0.00	0.00%	39.71%	
<b>Sub-Total: Energy (RPP)</b>			<b>193.00</b>			<b>193.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.20%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		27.70%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		11.64%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		14.02%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.93%</b>	<b>53.36%</b>
Service Charge	1	28.16	28.16	1	29.44	29.44	1.28	4.55%	8.27%	8.50%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-1.08	-1.08	1	-1.37	-1.37	-0.29	26.85%	-0.38%	-0.40%
Fixed Deferral/Variance Account Rider	1	0.3	0.30	1	0.30	0.30	0.00	0.00%	0.08%	0.09%
Distribution Volumetric Rate	2,000	0.0311	62.20	2,000	0.0326	65.20	3.00	4.82%	18.31%	18.82%
Volumetric Smoothing Rider	2,000	-0.0012	-2.40	2,000	-0.0015	-3.00	-0.60	25.00%	-0.84%	-0.87%
Volumetric Deferral/Variance Account Rider	2,000	0.0000	0.00	2,000	0.0000	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>87.18</b>			<b>90.57</b>	<b>3.39</b>	<b>3.89%</b>	<b>25.44%</b>	<b>26.14%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.22%	0.23%
Line Losses on Cost of Power (based on two-tier RPP prices)	152	0.10	15.35	152	0.10	15.35	0.00	0.00%	4.31%	4.43%
Line Losses on Cost of Power (based on TOU prices)	152	0.09	14.05	152	0.09	14.05	0.00	0.00%	3.95%	4.06%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>103.32</b>			<b>106.71</b>	<b>3.39</b>	<b>3.28%</b>	<b>29.97%</b>	<b>30.79%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>102.02</b>			<b>105.41</b>	<b>3.39</b>	<b>3.32%</b>	<b>29.61%</b>	<b>30.42%</b>
Retail Transmission Rate – Network Service Rate	2,152	0.0066	14.20	2,152	0.0066	14.20	0.00	0.00%	3.99%	4.10%
Retail Transmission Rate – Line and Transformation Connection	2,152	0.0046	9.90	2,152	0.0046	9.90	0.00	0.00%	2.78%	2.86%
<b>Sub-Total: Retail Transmission</b>			<b>24.10</b>			<b>24.10</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.77%</b>	<b>6.96%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>127.42</b>			<b>130.81</b>	<b>3.39</b>	<b>2.66%</b>	<b>36.74%</b>	<b>37.75%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>126.13</b>			<b>129.52</b>	<b>3.39</b>	<b>2.69%</b>	<b>36.37%</b>	<b>37.38%</b>
Wholesale Market Service Rate	2,152	0.0044	9.47	2,152	0.0044	9.47	0.00	0.00%	2.66%	2.73%
Rural Rate Protection Charge	2,152	0.0012	2.58	2,152	0.0012	2.58	0.00	0.00%	0.73%	0.75%
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>12.30</b>			<b>12.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.45%</b>	<b>3.55%</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>3.93%</b>	<b>4.04%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>346.73</b>			<b>350.12</b>	<b>3.39</b>	<b>0.98%</b>	<b>98.33%</b>	
HST		0.13	45.07		0.13	45.52	0.44	0.98%	12.78%	
<b>Total Bill (including HST)</b>			<b>391.80</b>			<b>395.63</b>	<b>3.83</b>	<b>0.98%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-39.18		-0.10	-39.56	-0.38	0.98%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>352.62</b>			<b>356.07</b>	<b>3.45</b>	<b>0.98%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>337.35</b>			<b>340.74</b>	<b>3.39</b>	<b>1.00%</b>		<b>98.33%</b>
HST		0.13	43.86		0.13	44.30	0.44	1.00%		12.78%
<b>Total Bill (including HST)</b>			<b>381.20</b>			<b>385.03</b>	<b>3.83</b>	<b>1.00%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-38.12		-0.10	-38.50	-0.38	1.00%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>343.08</b>			<b>346.53</b>	<b>3.45</b>	<b>1.00%</b>		<b>100.00%</b>

**2016 Bill Impacts (Low Consumption Level)**

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Rate Class	R2
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	110.5
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)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	14.65%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>14.65%</b>	
TOU-Off Peak	64	0.075	4.80	64	0.075	4.80	0.00	0.00%		8.07%
TOU-Mid Peak	18	0.112	2.02	18	0.112	2.02	0.00	0.00%		3.39%
TOU-On Peak	18	0.135	2.43	18	0.135	2.43	0.00	0.00%		4.09%
<b>Sub-Total: Energy (TOU)</b>			<b>9.25</b>			<b>9.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>15.75%</b>	<b>15.55%</b>
Service Charge	1	37.46	37.46	1	42.74	42.74	5.28	14.10%	72.79%	71.90%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-2.6	-2.60	1	-3.41	-3.41	-0.81	31.15%	-5.81%	-5.74%
Fixed Deferral/Variance Account Rider	1	0.58	0.58	1	0.58	0.58	0.00	0.00%	0.99%	0.98%
Distribution Volumetric Rate	100	0.0457	4.57	100	0.0497	4.97	0.40	8.75%	8.46%	8.36%
Volumetric Smoothing Rider	100	-0.0017	-0.17	100	-0.0023	-0.23	-0.06	35.29%	-0.39%	-0.39%
Volumetric Deferral/Variance Account Rider	100	0.0001	0.01	100	0.0001	0.01	0.00	0.00%	0.02%	0.02%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>39.85</b>			<b>44.66</b>	<b>4.81</b>	<b>12.07%</b>	<b>76.06%</b>	<b>75.13%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.35%	1.33%
Line Losses on Cost of Power (based on two-tier RPP prices)	11	0.09	0.90	11	0.09	0.90	0.00	0.00%	1.54%	1.52%
Line Losses on Cost of Power (based on TOU prices)	11	0.09	0.97	11	0.09	0.97	0.00	0.00%	1.65%	1.63%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>41.54</b>			<b>46.35</b>	<b>4.81</b>	<b>11.58%</b>	<b>78.94%</b>	<b>77.98%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>41.61</b>			<b>46.42</b>	<b>4.81</b>	<b>11.56%</b>	<b>79.06%</b>	<b>78.09%</b>
Retail Transmission Rate – Network Service Rate	111	0.0065	0.72	111	0.0065	0.72	0.00	0.00%	1.22%	1.21%
Retail Transmission Rate – Line and Transformation Connection	111	0.0045	0.50	111	0.0045	0.50	0.00	0.00%	0.85%	0.84%
<b>Sub-Total: Retail Transmission</b>			<b>1.22</b>			<b>1.22</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.07%</b>	<b>2.04%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>42.76</b>			<b>47.57</b>	<b>4.81</b>	<b>11.25%</b>	<b>81.01%</b>	<b>80.02%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>42.83</b>			<b>47.64</b>	<b>4.81</b>	<b>11.23%</b>	<b>81.13%</b>	<b>80.14%</b>
Wholesale Market Service Rate	111	0.0044	0.49	111	0.0044	0.49	0.00	0.00%	0.83%	0.82%
Rural Rate Protection Charge	111	0.0012	0.13	111	0.0012	0.13	0.00	0.00%	0.23%	0.22%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.43%	0.42%
<b>Sub-Total: Regulatory</b>			<b>0.87</b>			<b>0.87</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.48%</b>	<b>1.46%</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>1.18%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>52.93</b>			<b>57.74</b>	<b>4.81</b>	<b>9.09%</b>	<b>98.33%</b>	
HST		0.13	6.88		0.13	7.51	0.63	9.09%	12.78%	
<b>Total Bill (including HST)</b>			<b>59.81</b>			<b>65.24</b>	<b>5.44</b>	<b>9.09%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-5.98		-0.10	-6.52	-0.54	9.09%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>53.83</b>			<b>58.72</b>	<b>4.89</b>	<b>9.09%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>53.64</b>			<b>58.45</b>	<b>4.81</b>	<b>8.97%</b>		<b>98.33%</b>
HST		0.13	6.97		0.13	7.60	0.63	8.97%		12.78%
<b>Total Bill (including HST)</b>			<b>60.61</b>			<b>66.05</b>	<b>5.44</b>	<b>8.97%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-6.06		-0.10	-6.60	-0.54	8.97%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>54.55</b>			<b>59.44</b>	<b>4.89</b>	<b>8.97%</b>		<b>100.00%</b>



**2016 Bill Impacts (Typical Consumption Level)**

Rate Class	R2
Monthly Consumption (kWh)	800
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	884
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	28.26%	
Energy Second Tier (kWh)	200	0.101	20.20	200	0.101	20.20	0.00	0.00%	11.06%	
<b>Sub-Total: Energy (RPP)</b>			<b>71.80</b>			<b>71.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>39.33%</b>	
TOU-Off Peak	512	0.075	38.40	512	0.075	38.40	0.00	0.00%		20.87%
TOU-Mid Peak	144	0.112	16.13	144	0.112	16.13	0.00	0.00%		8.76%
TOU-On Peak	144	0.135	19.44	144	0.135	19.44	0.00	0.00%		10.56%
<b>Sub-Total: Energy (TOU)</b>			<b>73.97</b>			<b>73.97</b>	<b>0.00</b>	<b>0.00%</b>	<b>40.52%</b>	<b>40.19%</b>
Service Charge	1	37.46	37.46	1	42.74	42.74	5.28	14.10%	23.41%	23.22%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-2.6	-2.60	1	-3.41	-3.41	-0.81	31.15%	-1.87%	-1.85%
Fixed Deferral/Variance Account Rider	1	0.58	0.58	1	0.58	0.58	0.00	0.00%	0.32%	0.32%
Distribution Volumetric Rate	800	0.0457	36.56	800	0.0497	39.76	3.20	8.75%	21.78%	21.60%
Volumetric Smoothing Rider	800	-0.0017	-1.36	800	-0.0023	-1.84	-0.48	35.29%	-1.01%	-1.00%
Volumetric Deferral/Variance Account Rider	800	0.0001	0.08	800	0.0001	0.08	0.00	0.00%	0.04%	0.04%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>70.72</b>			<b>77.91</b>	<b>7.19</b>	<b>10.17%</b>	<b>42.68%</b>	<b>42.33%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.43%	0.43%
Line Losses on Cost of Power (based on two-tier RPP prices)	84	0.10	8.48	84	0.10	8.48	0.00	0.00%	4.65%	4.61%
Line Losses on Cost of Power (based on TOU prices)	84	0.09	7.77	84	0.09	7.77	0.00	0.00%	4.25%	4.22%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>79.99</b>			<b>87.18</b>	<b>7.19</b>	<b>8.99%</b>	<b>47.76%</b>	<b>47.37%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>79.28</b>			<b>86.47</b>	<b>7.19</b>	<b>9.07%</b>	<b>47.36%</b>	<b>46.98%</b>
Retail Transmission Rate – Network Service Rate	884	0.0065	5.75	884	0.0065	5.75	0.00	0.00%	3.15%	3.12%
Retail Transmission Rate – Line and Transformation Connection	884	0.0045	3.98	884	0.0045	3.98	0.00	0.00%	2.18%	2.16%
<b>Sub-Total: Retail Transmission</b>			<b>9.72</b>			<b>9.72</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.33%</b>	<b>5.28%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>89.72</b>			<b>96.91</b>	<b>7.19</b>	<b>8.01%</b>	<b>53.08%</b>	<b>52.66%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>89.00</b>			<b>96.19</b>	<b>7.19</b>	<b>8.08%</b>	<b>52.69%</b>	<b>52.27%</b>
Wholesale Market Service Rate	884	0.0044	3.89	884	0.0044	3.89	0.00	0.00%	2.13%	2.11%
Rural Rate Protection Charge	884	0.0012	1.06	884	0.0012	1.06	0.00	0.00%	0.58%	0.58%
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>5.20</b>			<b>5.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.85%</b>	<b>2.83%</b>
<b>Debt Retirement Charge (DRC)</b>	800	0.007	5.60	800	0.007	5.60	<b>0.00</b>	<b>0.00%</b>	<b>3.07%</b>	<b>3.04%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>172.32</b>			<b>179.51</b>	<b>7.19</b>	<b>4.17%</b>	<b>98.33%</b>	
HST		0.13	22.40		0.13	23.34	0.93	4.17%	12.78%	
<b>Total Bill (including HST)</b>			<b>194.72</b>			<b>202.84</b>	<b>8.12</b>	<b>4.17%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-19.47		-0.10	-20.28	-0.81	4.17%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>175.25</b>			<b>182.56</b>	<b>7.31</b>	<b>4.17%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>173.77</b>			<b>180.96</b>	<b>7.19</b>	<b>4.14%</b>		<b>98.33%</b>
HST		0.13	22.59		0.13	23.52	0.93	4.14%		12.78%
<b>Total Bill (including HST)</b>			<b>196.36</b>			<b>204.48</b>	<b>8.12</b>	<b>4.14%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-19.64		-0.10	-20.45	-0.81	4.14%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>176.72</b>			<b>184.04</b>	<b>7.31</b>	<b>4.14%</b>		<b>100.00%</b>



**2016 Bill Impacts (High Consumption Level)**

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Rate Class	R2
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	2210
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	0.086	51.60	600	0.086	51.60	0.00	0.00%	12.66%	
Energy Second Tier (kWh)	1,400	0.101	141.40	1,400	0.101	141.40	0.00	0.00%	34.69%	
<b>Sub-Total: Energy (RPP)</b>			<b>193.00</b>			<b>193.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.34%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		24.14%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		10.14%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		12.22%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.36%</b>	<b>46.51%</b>
Service Charge	1	37.46	37.46	1	42.74	42.74	5.28	14.10%	10.48%	10.75%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-2.6	-2.60	1	-3.41	-3.41	-0.81	31.15%	-0.84%	-0.86%
Fixed Deferral/Variance Account Rider	1	0.58	0.58	1	0.58	0.58	0.00	0.00%	0.14%	0.15%
Distribution Volumetric Rate	2,000	0.0457	91.40	2,000	0.0497	99.40	8.00	8.75%	24.38%	25.00%
Volumetric Smoothing Rider	2,000	-0.0017	-3.40	2,000	-0.0023	-4.60	-1.20	35.29%	-1.13%	-1.16%
Volumetric Deferral/Variance Account Rider	2,000	0.0001	0.20	2,000	0.0001	0.20	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>123.64</b>			<b>134.91</b>	<b>11.27</b>	<b>9.12%</b>	<b>33.09%</b>	<b>33.93%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.19%	0.20%
Line Losses on Cost of Power (based on two-tier RPP prices)	210	0.10	21.21	210	0.10	21.21	0.00	0.00%	5.20%	5.33%
Line Losses on Cost of Power (based on TOU prices)	210	0.09	19.42	210	0.09	19.42	0.00	0.00%	4.76%	4.88%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>145.64</b>			<b>156.91</b>	<b>11.27</b>	<b>7.74%</b>	<b>38.49%</b>	<b>39.46%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>143.85</b>			<b>155.12</b>	<b>11.27</b>	<b>7.83%</b>	<b>38.05%</b>	<b>39.01%</b>
Retail Transmission Rate – Network Service Rate	2,210	0.0065	14.37	2,210	0.0065	14.37	0.00	0.00%	3.52%	3.61%
Retail Transmission Rate – Line and Transformation Connection	2,210	0.0045	9.95	2,210	0.0045	9.95	0.00	0.00%	2.44%	2.50%
<b>Sub-Total: Retail Transmission</b>			<b>24.31</b>			<b>24.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.96%</b>	<b>6.11%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>169.95</b>			<b>181.22</b>	<b>11.27</b>	<b>6.63%</b>	<b>44.45%</b>	<b>45.58%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>168.16</b>			<b>179.43</b>	<b>11.27</b>	<b>6.70%</b>	<b>44.01%</b>	<b>45.13%</b>
Wholesale Market Service Rate	2,210	0.0044	9.72	2,210	0.0044	9.72	0.00	0.00%	2.39%	2.45%
Rural Rate Protection Charge	2,210	0.0012	2.65	2,210	0.0012	2.65	0.00	0.00%	0.65%	0.67%
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>12.63</b>			<b>12.63</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.10%</b>	<b>3.18%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	<b>14.00</b>	2,000	0.007	<b>14.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.43%</b>	<b>3.52%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>389.58</b>			<b>400.85</b>	<b>11.27</b>	<b>2.89%</b>	<b>98.33%</b>	
HST		0.13	50.64		0.13	52.11	1.47	2.89%	12.78%	
<b>Total Bill (including HST)</b>			<b>440.22</b>			<b>452.96</b>	<b>12.74</b>	<b>2.89%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-44.02		-0.10	-45.30	-1.27	2.89%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>396.20</b>			<b>407.66</b>	<b>11.46</b>	<b>2.89%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>379.70</b>			<b>390.97</b>	<b>11.27</b>	<b>2.97%</b>		<b>98.33%</b>
HST		0.13	49.36		0.13	50.83	1.47	2.97%		12.78%
<b>Total Bill (including HST)</b>			<b>429.06</b>			<b>441.80</b>	<b>12.74</b>	<b>2.97%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-42.91		-0.10	-44.18	-1.27	2.97%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>386.16</b>			<b>397.62</b>	<b>11.46</b>	<b>2.97%</b>		<b>100.00%</b>

**2016 Bill Impacts (Low Consumption Level)**

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

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	50	0.086	4.30	50	0.086	4.30	0.00	0.00%	10.83%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>4.30</b>			<b>4.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>10.83%</b>	
TOU-Off Peak	32	0.075	2.40	32	0.075	2.40	0.00	0.00%		5.99%
TOU-Mid Peak	9	0.112	1.01	9	0.112	1.01	0.00	0.00%		2.51%
TOU-On Peak	9	0.135	1.22	9	0.135	1.22	0.00	0.00%		3.03%
<b>Sub-Total: Energy (TOU)</b>			<b>4.62</b>			<b>4.62</b>	<b>0.00</b>	<b>0.00%</b>	<b>11.64%</b>	<b>11.53%</b>
Service Charge	1	26.57	26.57	1	28.45	28.45	1.88	7.08%	71.63%	70.98%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-1.02	-1.02	1	-1.33	-1.33	-0.31	30.39%	-3.35%	-3.32%
Fixed Deferral/Variance Account Rider	1	0.28	0.28	1	0.28	0.28	0.00	0.00%	0.70%	0.70%
Distribution Volumetric Rate	50	0.0905	4.53	50	0.0978	4.89	0.37	8.07%	12.31%	12.20%
Volumetric Smoothing Rider	50	-0.0035	-0.18	50	-0.0046	-0.23	-0.06	31.43%	-0.58%	-0.57%
Volumetric Deferral/Variance Account Rider	50	0.0004	0.02	50	0.0004	0.02	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>30.20</b>			<b>32.08</b>	<b>1.88</b>	<b>6.23%</b>	<b>80.76%</b>	<b>80.03%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.99%	1.97%
Line Losses on Cost of Power (based on two-tier RPP prices)	5	0.09	0.45	5	0.09	0.45	0.00	0.00%	1.13%	1.12%
Line Losses on Cost of Power (based on TOU prices)	5	0.09	0.48	5	0.09	0.48	0.00	0.00%	1.21%	1.20%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>31.44</b>			<b>33.32</b>	<b>1.88</b>	<b>5.98%</b>	<b>83.88%</b>	<b>83.12%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>31.47</b>			<b>33.35</b>	<b>1.88</b>	<b>5.97%</b>	<b>83.96%</b>	<b>83.20%</b>
Retail Transmission Rate – Network Service Rate	55	0.0053	0.29	55	0.0053	0.29	0.00	0.00%	0.74%	0.73%
Retail Transmission Rate – Line and Transformation Connection	55	0.0043	0.24	55	0.0043	0.24	0.00	0.00%	0.60%	0.59%
<b>Sub-Total: Retail Transmission</b>			<b>0.53</b>			<b>0.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.33%</b>	<b>1.32%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>31.97</b>			<b>33.85</b>	<b>1.88</b>	<b>5.88%</b>	<b>85.21%</b>	<b>84.44%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>32.00</b>			<b>33.88</b>	<b>1.88</b>	<b>5.87%</b>	<b>85.30%</b>	<b>84.53%</b>
Wholesale Market Service Rate	55	0.0044	0.24	55	0.0044	0.24	0.00	0.00%	0.61%	0.61%
Rural Rate Protection Charge	55	0.0012	0.07	55	0.0012	0.07	0.00	0.00%	0.17%	0.17%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.63%	0.62%
<b>Sub-Total: Regulatory</b>			<b>0.56</b>			<b>0.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.41%</b>	<b>1.39%</b>
Debt Retirement Charge (DRC)	50	0.007	0.35	50	0.007	0.35	0.00	0.00%	0.88%	0.87%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>37.18</b>			<b>39.06</b>	<b>1.88</b>	<b>5.06%</b>	<b>98.33%</b>	
HST		0.13	4.83		0.13	5.08	0.24	5.06%	12.78%	
<b>Total Bill (including HST)</b>			<b>42.01</b>			<b>44.13</b>	<b>2.12</b>	<b>5.06%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-4.20		-0.10	-4.41	-0.21	5.06%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>37.81</b>			<b>39.72</b>	<b>1.91</b>	<b>5.06%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>37.53</b>			<b>39.41</b>	<b>1.88</b>	<b>5.01%</b>		<b>98.33%</b>
HST		0.13	4.88		0.13	5.12	0.24	5.01%		12.78%
<b>Total Bill (including HST)</b>			<b>42.41</b>			<b>44.54</b>	<b>2.12</b>	<b>5.01%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-4.24		-0.10	-4.45	-0.21	5.01%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>38.17</b>			<b>40.08</b>	<b>1.91</b>	<b>5.01%</b>		<b>100.00%</b>

**2016 Bill Impacts (Typical Consumption Level)**

Rate Class	Seasonal
Monthly Consumption (kWh)	400
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	441.6
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	400	0.086	34.40	400	0.086	34.40	0.00	0.00%	29.84%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>34.40</b>			<b>34.40</b>	<b>0.00</b>	<b>0.00%</b>	<b>29.84%</b>	
TOU-Off Peak	256	0.075	19.20	256	0.075	19.20	0.00	0.00%		16.24%
TOU-Mid Peak	72	0.112	8.06	72	0.112	8.06	0.00	0.00%		6.82%
TOU-On Peak	72	0.135	9.72	72	0.135	9.72	0.00	0.00%		8.22%
<b>Sub-Total: Energy (TOU)</b>			<b>36.98</b>			<b>36.98</b>	<b>0.00</b>	<b>0.00%</b>	<b>32.08%</b>	<b>31.29%</b>
Service Charge	1	26.57	26.57	1	28.45	28.45	1.88	7.08%	24.68%	24.07%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-1.02	-1.02	1	-1.33	-1.33	-0.31	30.39%	-1.15%	-1.13%
Fixed Deferral/Variance Account Rider	1	0.28	0.28	1	0.28	0.28	0.00	0.00%	0.24%	0.24%
Distribution Volumetric Rate	400	0.0905	36.20	400	0.0978	39.12	2.92	8.07%	33.93%	33.10%
Volumetric Smoothing Rider	400	-0.0035	-1.40	400	-0.0046	-1.84	-0.44	31.43%	-1.60%	-1.56%
Volumetric Deferral/Variance Account Rider	400	0.0004	0.16	400	0.0004	0.16	0.00	0.00%	0.14%	0.14%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>60.79</b>			<b>64.84</b>	<b>4.05</b>	<b>6.66%</b>	<b>56.24%</b>	<b>54.86%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.69%	0.67%
Line Losses on Cost of Power (based on two-tier RPP prices)	42	0.09	3.58	42	0.09	3.58	0.00	0.00%	3.10%	3.03%
Line Losses on Cost of Power (based on TOU prices)	42	0.09	3.85	42	0.09	3.85	0.00	0.00%	3.34%	3.25%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>65.16</b>			<b>69.21</b>	<b>4.05</b>	<b>6.22%</b>	<b>60.03%</b>	<b>58.55%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>65.43</b>			<b>69.48</b>	<b>4.05</b>	<b>6.19%</b>	<b>60.26%</b>	<b>58.78%</b>
Retail Transmission Rate – Network Service Rate	442	0.0053	2.34	442	0.0053	2.34	0.00	0.00%	2.03%	1.98%
Retail Transmission Rate – Line and Transformation Connection	442	0.0043	1.90	442	0.0043	1.90	0.00	0.00%	1.65%	1.61%
<b>Sub-Total: Retail Transmission</b>			<b>4.24</b>			<b>4.24</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.68%</b>	<b>3.59%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>69.40</b>			<b>73.45</b>	<b>4.05</b>	<b>5.84%</b>	<b>63.70%</b>	<b>62.14%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>69.67</b>			<b>73.72</b>	<b>4.05</b>	<b>5.81%</b>	<b>63.94%</b>	<b>62.37%</b>
Wholesale Market Service Rate	442	0.0044	1.94	442	0.0044	1.94	0.00	0.00%	1.69%	1.64%
Rural Rate Protection Charge	442	0.0012	0.53	442	0.0012	0.53	0.00	0.00%	0.46%	0.45%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.22%	0.21%
<b>Sub-Total: Regulatory</b>			<b>2.72</b>			<b>2.72</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.36%</b>	<b>2.30%</b>
<b>Debt Retirement Charge (DRC)</b>	400	0.007	2.80	400	0.007	2.80	0.00	0.00%	2.43%	2.37%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>109.32</b>			<b>113.37</b>	<b>4.05</b>	<b>3.70%</b>	<b>98.33%</b>	
HST		0.13	14.21		0.13	14.74	0.53	3.70%	12.78%	
<b>Total Bill (including HST)</b>			<b>123.53</b>			<b>128.11</b>	<b>4.58</b>	<b>3.70%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-12.35		-0.10	-12.81	-0.46	3.70%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>111.18</b>			<b>115.30</b>	<b>4.12</b>	<b>3.70%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>112.17</b>			<b>116.22</b>	<b>4.05</b>	<b>3.61%</b>		<b>98.33%</b>
HST		0.13	14.58		0.13	15.11	0.53	3.61%		12.78%
<b>Total Bill (including HST)</b>			<b>126.76</b>			<b>131.33</b>	<b>4.58</b>	<b>3.61%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-12.68		-0.10	-13.13	-0.46	3.61%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>114.08</b>			<b>118.20</b>	<b>4.12</b>	<b>3.61%</b>		<b>100.00%</b>

**2016 Bill Impacts (High Consumption Level)**

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

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	20.43%	
Energy Second Tier (kWh)	400	0.101	40.40	400	0.101	40.40	0.00	0.00%	16.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>92.00</b>			<b>92.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>36.43%</b>	
TOU-Off Peak	640	0.075	48.00	640	0.075	48.00	0.00	0.00%		19.04%
TOU-Mid Peak	180	0.112	20.16	180	0.112	20.16	0.00	0.00%		8.00%
TOU-On Peak	180	0.135	24.30	180	0.135	24.30	0.00	0.00%		9.64%
<b>Sub-Total: Energy (TOU)</b>			<b>92.46</b>			<b>92.46</b>	<b>0.00</b>	<b>0.00%</b>	<b>36.61%</b>	<b>36.67%</b>
Service Charge	1	26.57	26.57	1	28.45	28.45	1.88	7.08%	11.27%	11.28%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-1.02	-1.02	1	-1.33	-1.33	-0.31	30.39%	-0.53%	-0.53%
Fixed Deferral/Variance Account Rider	1	0.28	0.28	1	0.28	0.28	0.00	0.00%	0.11%	0.11%
Distribution Volumetric Rate	1,000	0.0905	90.50	1,000	0.0978	97.80	7.30	8.07%	38.73%	38.79%
Volumetric Smoothing Rider	1,000	-0.0035	-3.50	1,000	-0.0046	-4.60	-1.10	31.43%	-1.82%	-1.82%
Volumetric Deferral/Variance Account Rider	1,000	0.0004	0.40	1,000	0.0004	0.40	0.00	0.00%	0.16%	0.16%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>113.23</b>			<b>121.00</b>	<b>7.77</b>	<b>6.86%</b>	<b>47.91%</b>	<b>47.99%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.31%	0.31%
Line Losses on Cost of Power (based on two-tier RPP prices)	104	0.10	10.50	104	0.10	10.50	0.00	0.00%	4.16%	4.17%
Line Losses on Cost of Power (based on TOU prices)	104	0.09	9.62	104	0.09	9.62	0.00	0.00%	3.81%	3.81%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>124.52</b>			<b>132.29</b>	<b>7.77</b>	<b>6.24%</b>	<b>52.38%</b>	<b>52.47%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>123.64</b>			<b>131.41</b>	<b>7.77</b>	<b>6.28%</b>	<b>52.03%</b>	<b>52.12%</b>
Retail Transmission Rate – Network Service Rate	1,104	0.0053	5.85	1,104	0.0053	5.85	0.00	0.00%	2.32%	2.32%
Retail Transmission Rate – Line and Transformation Connection	1,104	0.0043	4.75	1,104	0.0043	4.75	0.00	0.00%	1.88%	1.88%
<b>Sub-Total: Retail Transmission</b>			<b>10.60</b>			<b>10.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.20%</b>	<b>4.20%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>135.12</b>			<b>142.89</b>	<b>7.77</b>	<b>5.75%</b>	<b>56.58%</b>	<b>56.68%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>134.23</b>			<b>142.00</b>	<b>7.77</b>	<b>5.79%</b>	<b>56.23%</b>	<b>56.33%</b>
Wholesale Market Service Rate	1,104	0.0044	4.86	1,104	0.0044	4.86	0.00	0.00%	1.92%	1.93%
Rural Rate Protection Charge	1,104	0.0012	1.32	1,104	0.0012	1.32	0.00	0.00%	0.52%	0.53%
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>6.43</b>			<b>6.43</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.55%</b>	<b>2.55%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	<b>7.00</b>	1,000	0.007	<b>7.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.77%</b>	<b>2.78%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>240.55</b>			<b>248.32</b>	<b>7.77</b>	<b>3.23%</b>	<b>98.33%</b>	
HST		0.13	31.27		0.13	32.28	1.01	3.23%	12.78%	
<b>Total Bill (including HST)</b>			<b>271.83</b>			<b>280.61</b>	<b>8.78</b>	<b>3.23%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-27.18		-0.10	-28.06	-0.88	3.23%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>244.64</b>			<b>252.55</b>	<b>7.90</b>	<b>3.23%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>240.13</b>			<b>247.90</b>	<b>7.77</b>	<b>3.24%</b>		<b>98.33%</b>
HST		0.13	31.22		0.13	32.23	1.01	3.24%		12.78%
<b>Total Bill (including HST)</b>			<b>271.34</b>			<b>280.12</b>	<b>8.78</b>	<b>3.24%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-27.13		-0.10	-28.01	-0.88	3.24%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>244.21</b>			<b>252.11</b>	<b>7.90</b>	<b>3.24%</b>		<b>100.00%</b>

**2016 Bill Impacts (Low Consumption Level)**

Updated: 2014-05-30  
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Rate Class	Gse
Monthly Consumption (kWh)	1000
Peak (kW)	0
Loss factor	1.096
Commodity Threshold	750
Monthly Consumption (kWh) - Uplifted	1096
Charge determinant	kWh

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	30.20%	
Energy Second Tier (kWh)	250	0.101	25.25	250	0.101	25.25	0.00	0.00%	11.82%	
<b>Sub-Total: Energy (RPP)</b>			<b>89.75</b>			<b>89.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>42.02%</b>	
TOU-Off Peak	640	0.075	48.00	640	0.075	48.00	0.00	0.00%		22.27%
TOU-Mid Peak	180	0.112	20.16	180	0.112	20.16	0.00	0.00%		9.35%
TOU-On Peak	180	0.135	24.30	180	0.135	24.30	0.00	0.00%		11.27%
<b>Sub-Total: Energy (TOU)</b>			<b>92.46</b>			<b>92.46</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.29%</b>	<b>42.90%</b>
Service Charge	1	30.08	30.08	1	32.32	32.32	2.24	7.45%	15.13%	15.00%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-1.15	-1.15	1	-1.51	-1.51	-0.36	31.30%	-0.71%	-0.70%
Fixed Deferral/Variance Account Rider	1	0.31	0.31	1	0.30	0.30	-0.01	-3.23%	0.14%	0.14%
Distribution Volumetric Rate	1,000	0.0538	53.80	1,000	0.0576	57.60	3.80	7.06%	26.97%	26.72%
Volumetric Smoothing Rider	1,000	-0.0021	-2.10	1,000	-0.0027	-2.70	-0.60	28.57%	-1.26%	-1.25%
Volumetric Deferral/Variance Account Rider	1,000	0.0001	0.10	1,000	0.0001	0.10	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>81.04</b>			<b>86.11</b>	<b>5.07</b>	<b>6.26%</b>	<b>40.31%</b>	<b>39.95%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.37%	0.37%
Line Losses on Cost of Power (based on two-tier RPP prices)	96	0.10	9.70	96	0.10	9.70	0.00	0.00%	4.54%	4.50%
Line Losses on Cost of Power (based on TOU prices)	96	0.09	8.88	96	0.09	8.88	0.00	0.00%	4.16%	4.12%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>91.53</b>			<b>96.60</b>	<b>5.07</b>	<b>5.54%</b>	<b>45.22%</b>	<b>44.82%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>90.71</b>			<b>95.78</b>	<b>5.07</b>	<b>5.59%</b>	<b>44.84%</b>	<b>44.44%</b>
Retail Transmission Rate – Network Service Rate	1,096	0.0058	6.36	1,096	0.0058	6.36	0.00	0.00%	2.98%	2.95%
Retail Transmission Rate – Line and Transformation Connection	1,096	0.0036	3.95	1,096	0.0036	3.95	0.00	0.00%	1.85%	1.83%
<b>Sub-Total: Retail Transmission</b>			<b>10.30</b>			<b>10.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.82%</b>	<b>4.78%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>101.83</b>			<b>106.90</b>	<b>5.07</b>	<b>4.98%</b>	<b>50.04%</b>	<b>49.60%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>101.01</b>			<b>106.08</b>	<b>5.07</b>	<b>5.02%</b>	<b>49.66%</b>	<b>49.22%</b>
Wholesale Market Service Rate	1,096	0.0044	4.82	1,096	0.0044	4.82	0.00	0.00%	2.26%	2.24%
Rural Rate Protection Charge	1,096	0.0012	1.32	1,096	0.0012	1.32	0.00	0.00%	0.62%	0.61%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.12%	0.12%
<b>Sub-Total: Regulatory</b>			<b>6.39</b>			<b>6.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.99%</b>	<b>2.96%</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>3.28%</b>	<b>3.25%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>204.97</b>			<b>210.04</b>	<b>5.07</b>	<b>2.47%</b>	<b>98.33%</b>	
HST		0.13	26.65		0.13	27.30	0.66	2.47%	12.78%	
<b>Total Bill (including HST)</b>			<b>231.61</b>			<b>237.34</b>	<b>5.73</b>	<b>2.47%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-23.16		-0.10	-23.73	-0.57	2.47%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>208.45</b>			<b>213.61</b>	<b>5.16</b>	<b>2.47%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>206.86</b>			<b>211.93</b>	<b>5.07</b>	<b>2.45%</b>		<b>98.33%</b>
HST		0.13	26.89		0.13	27.55	0.66	2.45%		12.78%
<b>Total Bill (including HST)</b>			<b>233.75</b>			<b>239.48</b>	<b>5.73</b>	<b>2.45%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-23.37		-0.10	-23.95	-0.57	2.45%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>210.37</b>			<b>215.53</b>	<b>5.16</b>	<b>2.45%</b>		<b>100.00%</b>

**2016 Bill Impacts (Typical Consumption Level)**

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

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	15.89%	
Energy Second Tier (kWh)	1,250	0.101	126.25	1,250	0.101	126.25	0.00	0.00%	31.10%	
<b>Sub-Total: Energy (RPP)</b>			<b>190.75</b>			<b>190.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.99%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		24.10%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		10.12%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		12.20%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.55%</b>	<b>46.42%</b>
Service Charge	1	30.08	30.08	1	32.32	32.32	2.24	7.45%	7.96%	8.11%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-1.15	-1.15	1	-1.51	-1.51	-0.36	31.30%	-0.37%	-0.38%
Fixed Deferral/Variance Account Rider	1	0.31	0.31	1	0.30	0.30	-0.01	-3.23%	0.07%	0.08%
Distribution Volumetric Rate	2,000	0.0538	107.60	2,000	0.0576	115.20	7.60	7.06%	28.38%	28.92%
Volumetric Smoothing Rider	2,000	-0.0021	-4.20	2,000	-0.0027	-5.40	-1.20	28.57%	-1.33%	-1.36%
Volumetric Deferral/Variance Account Rider	2,000	0.0001	0.20	2,000	0.0001	0.20	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>132.84</b>			<b>141.11</b>	<b>8.27</b>	<b>6.23%</b>	<b>34.76%</b>	<b>35.42%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.19%	0.20%
Line Losses on Cost of Power (based on two-tier RPP prices)	192	0.10	19.39	192	0.10	19.39	0.00	0.00%	4.78%	4.87%
Line Losses on Cost of Power (based on TOU prices)	192	0.09	17.75	192	0.09	17.75	0.00	0.00%	4.37%	4.46%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>153.02</b>			<b>161.29</b>	<b>8.27</b>	<b>5.40%</b>	<b>39.73%</b>	<b>40.49%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>151.38</b>			<b>159.65</b>	<b>8.27</b>	<b>5.46%</b>	<b>39.33%</b>	<b>40.08%</b>
Retail Transmission Rate – Network Service Rate	2,192	0.0058	12.71	2,192	0.0058	12.71	0.00	0.00%	3.13%	3.19%
Retail Transmission Rate – Line and Transformation Connection	2,192	0.0036	7.89	2,192	0.0036	7.89	0.00	0.00%	1.94%	1.98%
<b>Sub-Total: Retail Transmission</b>			<b>20.60</b>			<b>20.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.08%</b>	<b>5.17%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>173.63</b>			<b>181.90</b>	<b>8.27</b>	<b>4.76%</b>	<b>44.81%</b>	<b>45.66%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>171.99</b>			<b>180.26</b>	<b>8.27</b>	<b>4.81%</b>	<b>44.40%</b>	<b>45.25%</b>
Wholesale Market Service Rate	2,192	0.0044	9.64	2,192	0.0044	9.64	0.00	0.00%	2.38%	2.42%
Rural Rate Protection Charge	2,192	0.0012	2.63	2,192	0.0012	2.63	0.00	0.00%	0.65%	0.66%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%	0.06%
<b>Sub-Total: Regulatory</b>			<b>12.53</b>			<b>12.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.09%</b>	<b>3.14%</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>3.45%</b>	<b>3.51%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>390.90</b>			<b>399.17</b>	<b>8.27</b>	<b>2.12%</b>	<b>98.33%</b>	
HST		0.13	50.82		0.13	51.89	1.08	2.12%	12.78%	
<b>Total Bill (including HST)</b>			<b>441.72</b>			<b>451.06</b>	<b>9.35</b>	<b>2.12%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-44.17		-0.10	-45.11	-0.93	2.12%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>397.55</b>			<b>405.96</b>	<b>8.41</b>	<b>2.12%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>383.43</b>			<b>391.70</b>	<b>8.27</b>	<b>2.16%</b>		<b>98.33%</b>
HST		0.13	49.85		0.13	50.92	1.08	2.16%		12.78%
<b>Total Bill (including HST)</b>			<b>433.28</b>			<b>442.62</b>	<b>9.35</b>	<b>2.16%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-43.33		-0.10	-44.26	-0.93	2.16%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>389.95</b>			<b>398.36</b>	<b>8.41</b>	<b>2.16%</b>		<b>100.00%</b>

**2016 Bill Impacts (High Consumption Level)**

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

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	2.04%	
Energy Second Tier (kWh)	14,250	0.101	1,439.25	14,250	0.101	1,439.25	0.00	0.00%	45.50%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,503.75</b>			<b>1,503.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.54%</b>	
TOU-Off Peak	9,600	0.075	720.00	9,600	0.075	720.00	0.00	0.00%		23.85%
TOU-Mid Peak	2,700	0.112	302.40	2,700	0.112	302.40	0.00	0.00%		10.02%
TOU-On Peak	2,700	0.135	364.50	2,700	0.135	364.50	0.00	0.00%		12.07%
<b>Sub-Total: Energy (TOU)</b>			<b>1,386.90</b>			<b>1,386.90</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.85%</b>	<b>45.94%</b>
Service Charge	1	30.08	30.08	1	32.32	32.32	2.24	7.45%	1.02%	1.07%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-1.15	-1.15	1	-1.51	-1.51	-0.36	31.30%	-0.05%	-0.05%
Fixed Deferral/Variance Account Rider	1	0.31	0.31	1	0.30	0.30	-0.01	-3.23%	0.01%	0.01%
Distribution Volumetric Rate	15,000	0.0538	807.00	15,000	0.0576	864.00	57.00	7.06%	27.32%	28.62%
Volumetric Smoothing Rider	15,000	-0.0021	-31.50	15,000	-0.0027	-40.50	-9.00	28.57%	-1.28%	-1.34%
Volumetric Deferral/Variance Account Rider	15,000	0.0001	1.50	15,000	0.0001	1.50	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>806.24</b>			<b>856.11</b>	<b>49.87</b>	<b>6.19%</b>	<b>27.07%</b>	<b>28.36%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.02%	0.03%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,440	0.10	145.44	1,440	0.10	145.44	0.00	0.00%	4.60%	4.82%
Line Losses on Cost of Power (based on TOU prices)	1,440	0.09	133.14	1,440	0.09	133.14	0.00	0.00%	4.21%	4.41%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>952.47</b>			<b>1,002.34</b>	<b>49.87</b>	<b>5.24%</b>	<b>31.69%</b>	<b>33.20%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>940.17</b>			<b>990.04</b>	<b>49.87</b>	<b>5.30%</b>	<b>31.30%</b>	<b>32.79%</b>
Retail Transmission Rate – Network Service Rate	16,440	0.0058	95.35	16,440	0.0058	95.35	0.00	0.00%	3.01%	3.16%
Retail Transmission Rate – Line and Transformation Connection	16,440	0.0036	59.18	16,440	0.0036	59.18	0.00	0.00%	1.87%	1.96%
<b>Sub-Total: Retail Transmission</b>			<b>154.54</b>			<b>154.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.89%</b>	<b>5.12%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>1,107.01</b>			<b>1,156.88</b>	<b>49.87</b>	<b>4.50%</b>	<b>36.58%</b>	<b>38.32%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>1,094.71</b>			<b>1,144.58</b>	<b>49.87</b>	<b>4.56%</b>	<b>36.19%</b>	<b>37.91%</b>
Wholesale Market Service Rate	16,440	0.0044	72.34	16,440	0.0044	72.34	0.00	0.00%	2.29%	2.40%
Rural Rate Protection Charge	16,440	0.0012	19.73	16,440	0.0012	19.73	0.00	0.00%	0.62%	0.65%
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>92.31</b>			<b>92.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.92%</b>	<b>3.06%</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>3.32%</b>	<b>3.48%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>2,808.07</b>			<b>2,857.94</b>	<b>49.87</b>	<b>1.78%</b>	<b>90.36%</b>	
HST		0.13	365.05		0.13	371.53	6.48	1.78%	11.75%	
<b>Total Bill (including HST)</b>			<b>3,173.12</b>			<b>3,229.47</b>	<b>56.35</b>	<b>1.78%</b>	<b>102.10%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-65.18		-0.10	-66.48	-1.30	1.99%	-2.10%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>3,107.94</b>			<b>3,162.99</b>	<b>55.06</b>	<b>1.77%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>2,678.92</b>			<b>2,728.79</b>	<b>49.87</b>	<b>1.86%</b>		<b>90.39%</b>
HST		0.13	348.26		0.13	354.74	6.48	1.86%		11.75%
<b>Total Bill (including HST)</b>			<b>3,027.18</b>			<b>3,083.54</b>	<b>56.35</b>	<b>1.86%</b>		<b>102.14%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-63.28		-0.10	-64.58	-1.30	2.05%		-2.14%
<b>Total Bill on TOU (including OCEB)</b>			<b>2,963.90</b>			<b>3,018.96</b>	<b>55.06</b>	<b>1.86%</b>		<b>100.00%</b>



**2016 Bill Impacts (Low Consumption Level)**

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

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	37.47%	
Energy Second Tier (kWh)	250	0.101	25.25	250	0.101	25.25	0.00	0.00%	14.67%	
<b>Sub-Total: Energy (RPP)</b>			<b>89.75</b>			<b>89.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>52.14%</b>	
TOU-Off Peak	640	0.075	48.00	640	0.075	48.00	0.00	0.00%		27.54%
TOU-Mid Peak	180	0.112	20.16	180	0.112	20.16	0.00	0.00%		11.57%
TOU-On Peak	180	0.135	24.30	180	0.135	24.30	0.00	0.00%		13.94%
<b>Sub-Total: Energy (TOU)</b>			<b>92.46</b>			<b>92.46</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.71%</b>	<b>53.04%</b>
Service Charge	1	23.15	23.15	1	24.76	24.76	1.61	6.95%	14.38%	14.20%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-0.88	-0.88	1	-1.15	-1.15	-0.27	30.68%	-0.67%	-0.66%
Fixed Deferral/Variance Account Rider	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.15%	0.14%
Distribution Volumetric Rate	1,000	0.024	24.00	1,000	0.0255	25.50	1.50	6.25%	14.81%	14.63%
Volumetric Smoothing Rider	1,000	-0.0009	-0.90	1,000	-0.0012	-1.20	-0.30	33.33%	-0.70%	-0.69%
Volumetric Deferral/Variance Account Rider	1,000	-0.0001	-0.10	1,000	-0.0001	-0.10	0.00	0.00%	-0.06%	-0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>45.52</b>			<b>48.06</b>	<b>2.54</b>	<b>5.58%</b>	<b>27.92%</b>	<b>27.57%</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)	67	0.10	6.77	67	0.10	6.77	0.00	0.00%	3.93%	3.88%
Line Losses on Cost of Power (based on TOU prices)	67	0.09	6.19	67	0.09	6.19	0.00	0.00%	3.60%	3.55%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>53.08</b>			<b>55.62</b>	<b>2.54</b>	<b>4.79%</b>	<b>32.31%</b>	<b>31.91%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>52.50</b>			<b>55.04</b>	<b>2.54</b>	<b>4.84%</b>	<b>31.98%</b>	<b>31.58%</b>
Retail Transmission Rate – Network Service Rate	1,067	0.0062	6.62	1,067	0.0062	6.62	0.00	0.00%	3.84%	3.80%
Retail Transmission Rate – Line and Transformation Connection	1,067	0.0038	4.05	1,067	0.0038	4.05	0.00	0.00%	2.36%	2.33%
<b>Sub-Total: Retail Transmission</b>			<b>10.67</b>			<b>10.67</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.20%</b>	<b>6.12%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>63.75</b>			<b>66.29</b>	<b>2.54</b>	<b>3.98%</b>	<b>38.51%</b>	<b>38.03%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>63.17</b>			<b>65.71</b>	<b>2.54</b>	<b>4.02%</b>	<b>38.18%</b>	<b>37.70%</b>
Wholesale Market Service Rate	1,067	0.0044	4.69	1,067	0.0044	4.69	0.00	0.00%	2.73%	2.69%
Rural Rate Protection Charge	1,067	0.0012	1.28	1,067	0.0012	1.28	0.00	0.00%	0.74%	0.73%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.15%	0.14%
<b>Sub-Total: Regulatory</b>			<b>6.23</b>			<b>6.23</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.62%</b>	<b>3.57%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	4.07%	4.02%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>166.72</b>			<b>169.26</b>	<b>2.54</b>	<b>1.52%</b>	<b>98.33%</b>	
HST		0.13	21.67		0.13	22.00	0.33	1.52%	12.78%	
<b>Total Bill (including HST)</b>			<b>188.40</b>			<b>191.27</b>	<b>2.87</b>	<b>1.52%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-18.84		-0.10	-19.13	-0.29	1.52%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>169.56</b>			<b>172.14</b>	<b>2.58</b>	<b>1.52%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>168.86</b>			<b>171.40</b>	<b>2.54</b>	<b>1.50%</b>		<b>98.33%</b>
HST		0.13	21.95		0.13	22.28	0.33	1.50%		12.78%
<b>Total Bill (including HST)</b>			<b>190.81</b>			<b>193.68</b>	<b>2.87</b>	<b>1.50%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-19.08		-0.10	-19.37	-0.29	1.50%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>171.73</b>			<b>174.31</b>	<b>2.58</b>	<b>1.50%</b>		<b>100.00%</b>



**2016 Bill Impacts (Typical Consumption Level)**

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

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	19.52%	
Energy Second Tier (kWh)	1,250	0.101	126.25	1,250	0.101	126.25	0.00	0.00%	38.21%	
<b>Sub-Total: Energy (RPP)</b>			<b>190.75</b>			<b>190.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.73%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		29.69%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		12.47%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		15.03%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.97%</b>	<b>57.20%</b>
Service Charge	1	23.15	23.15	1	24.76	24.76	1.61	6.95%	7.49%	7.66%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-0.88	-0.88	1	-1.15	-1.15	-0.27	30.68%	-0.35%	-0.36%
Fixed Deferral/Variance Account Rider	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.08%	0.08%
Distribution Volumetric Rate	2,000	0.024	48.00	2,000	0.0255	51.00	3.00	6.25%	15.44%	15.77%
Volumetric Smoothing Rider	2,000	-0.0009	-1.80	2,000	-0.0012	-2.40	-0.60	33.33%	-0.73%	-0.74%
Volumetric Deferral/Variance Account Rider	2,000	-0.0001	-0.20	2,000	-0.0001	-0.20	0.00	0.00%	-0.06%	-0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>68.52</b>			<b>72.26</b>	<b>3.74</b>	<b>5.46%</b>	<b>21.87%</b>	<b>22.35%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.24%	0.24%
Line Losses on Cost of Power (based on two-tier RPP prices)	134	0.10	13.53	134	0.10	13.53	0.00	0.00%	4.10%	4.19%
Line Losses on Cost of Power (based on TOU prices)	134	0.09	12.39	134	0.09	12.39	0.00	0.00%	3.75%	3.83%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>82.84</b>			<b>86.58</b>	<b>3.74</b>	<b>4.51%</b>	<b>26.21%</b>	<b>26.78%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>81.70</b>			<b>85.44</b>	<b>3.74</b>	<b>4.58%</b>	<b>25.86%</b>	<b>26.43%</b>
Retail Transmission Rate – Network Service Rate	2,134	0.0062	13.23	2,134	0.0062	13.23	0.00	0.00%	4.00%	4.09%
Retail Transmission Rate – Line and Transformation Connection	2,134	0.0038	8.11	2,134	0.0038	8.11	0.00	0.00%	2.45%	2.51%
<b>Sub-Total: Retail Transmission</b>			<b>21.34</b>			<b>21.34</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.46%</b>	<b>6.60%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>104.18</b>			<b>107.92</b>	<b>3.74</b>	<b>3.59%</b>	<b>32.66%</b>	<b>33.38%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>103.04</b>			<b>106.78</b>	<b>3.74</b>	<b>3.63%</b>	<b>32.32%</b>	<b>33.03%</b>
Wholesale Market Service Rate	2,134	0.0044	9.39	2,134	0.0044	9.39	0.00	0.00%	2.84%	2.90%
Rural Rate Protection Charge	2,134	0.0012	2.56	2,134	0.0012	2.56	0.00	0.00%	0.78%	0.79%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Regulatory</b>			<b>12.20</b>			<b>12.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.69%</b>	<b>3.77%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	4.24%	4.33%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>321.13</b>			<b>324.87</b>	<b>3.74</b>	<b>1.16%</b>	<b>98.33%</b>	
HST		0.13	41.75		0.13	42.23	0.49	1.16%	12.78%	
<b>Total Bill (including HST)</b>			<b>362.88</b>			<b>367.11</b>	<b>4.23</b>	<b>1.16%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-36.29		-0.10	-36.71	-0.42	1.16%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>326.59</b>			<b>330.40</b>	<b>3.80</b>	<b>1.16%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>314.16</b>			<b>317.90</b>	<b>3.74</b>	<b>1.19%</b>		<b>98.33%</b>
HST		0.13	40.84		0.13	41.33	0.49	1.19%		12.78%
<b>Total Bill (including HST)</b>			<b>355.00</b>			<b>359.23</b>	<b>4.23</b>	<b>1.19%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-35.50		-0.10	-35.92	-0.42	1.19%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>319.50</b>			<b>323.30</b>	<b>3.80</b>	<b>1.19%</b>		<b>100.00%</b>

**2016 Bill Impacts (High Consumption Level)**

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

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	2.48%	
Energy Second Tier (kWh)	14,250	0.101	1,439.25	14,250	0.101	1,439.25	0.00	0.00%	55.38%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,503.75</b>			<b>1,503.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.86%</b>	
TOU-Off Peak	9,600	0.075	720.00	9,600	0.075	720.00	0.00	0.00%		29.28%
TOU-Mid Peak	2,700	0.112	302.40	2,700	0.112	302.40	0.00	0.00%		12.30%
TOU-On Peak	2,700	0.135	364.50	2,700	0.135	364.50	0.00	0.00%		14.82%
<b>Sub-Total: Energy (TOU)</b>			<b>1,386.90</b>			<b>1,386.90</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.37%</b>	<b>56.40%</b>
Service Charge	1	23.15	23.15	1	24.76	24.76	1.61	6.95%	0.95%	1.01%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-0.88	-0.88	1	-1.15	-1.15	-0.27	30.68%	-0.04%	-0.05%
Fixed Deferral/Variance Account Rider	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
Distribution Volumetric Rate	15,000	0.024	360.00	15,000	0.0255	382.50	22.50	6.25%	14.72%	15.56%
Volumetric Smoothing Rider	15,000	-0.0009	-13.50	15,000	-0.0012	-18.00	-4.50	33.33%	-0.69%	-0.73%
Volumetric Deferral/Variance Account Rider	15,000	-0.0001	-1.50	15,000	-0.0001	-1.50	0.00	0.00%	-0.06%	-0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>367.52</b>			<b>386.86</b>	<b>19.34</b>	<b>5.26%</b>	<b>14.89%</b>	<b>15.73%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.03%	0.03%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,005	0.10	101.51	1,005	0.10	101.51	0.00	0.00%	3.91%	4.13%
Line Losses on Cost of Power (based on TOU prices)	1,005	0.09	92.92	1,005	0.09	92.92	0.00	0.00%	3.58%	3.78%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>469.82</b>			<b>489.16</b>	<b>19.34</b>	<b>4.12%</b>	<b>18.82%</b>	<b>19.89%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>461.23</b>			<b>480.57</b>	<b>19.34</b>	<b>4.19%</b>	<b>18.49%</b>	<b>19.54%</b>
Retail Transmission Rate – Network Service Rate	16,005	0.0062	99.23	16,005	0.0062	99.23	0.00	0.00%	3.82%	4.04%
Retail Transmission Rate – Line and Transformation Connection	16,005	0.0038	60.82	16,005	0.0038	60.82	0.00	0.00%	2.34%	2.47%
<b>Sub-Total: Retail Transmission</b>			<b>160.05</b>			<b>160.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.16%</b>	<b>6.51%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>629.87</b>			<b>649.21</b>	<b>19.34</b>	<b>3.07%</b>	<b>24.98%</b>	<b>26.40%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>621.28</b>			<b>640.62</b>	<b>19.34</b>	<b>3.11%</b>	<b>24.65%</b>	<b>26.05%</b>
Wholesale Market Service Rate	16,005	0.0044	70.42	16,005	0.0044	70.42	0.00	0.00%	2.71%	2.86%
Rural Rate Protection Charge	16,005	0.0012	19.21	16,005	0.0012	19.21	0.00	0.00%	0.74%	0.78%
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>89.88</b>			<b>89.88</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.46%</b>	<b>3.66%</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>4.04%</b>	<b>4.27%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>2,328.49</b>			<b>2,347.83</b>	<b>19.34</b>	<b>0.83%</b>	<b>90.34%</b>	
HST		0.13	302.70		0.13	305.22	2.51	0.83%	11.74%	
<b>Total Bill (including HST)</b>			<b>2,631.20</b>			<b>2,653.05</b>	<b>21.85</b>	<b>0.83%</b>	<b>102.09%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-53.74		-0.10	-54.29	-0.56	1.04%	-2.09%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>2,577.46</b>			<b>2,598.76</b>	<b>21.30</b>	<b>0.83%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>2,203.06</b>			<b>2,222.40</b>	<b>19.34</b>	<b>0.88%</b>		<b>90.38%</b>
HST		0.13	286.40		0.13	288.91	2.51	0.88%		11.75%
<b>Total Bill (including HST)</b>			<b>2,489.46</b>			<b>2,511.31</b>	<b>21.85</b>	<b>0.88%</b>		<b>102.13%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-51.92		-0.10	-52.48	-0.56	1.08%		-2.13%
<b>Total Bill on TOU (including OCEB)</b>			<b>2,437.54</b>			<b>2,458.84</b>	<b>21.30</b>	<b>0.87%</b>		<b>100.00%</b>

**2016 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	33.26%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>33.26%</b>
Service Charge	1	4.02	4.02	1	4.39	4.39	0.37	9.20%	16.98%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-0.15	-0.15	1	-0.2	-0.20	-0.05	33.33%	-0.77%
Fixed Deferral/Variance Account Rider	1	0.04	0.04	1	0.05	0.05	0.01	25.00%	0.19%
Distribution Volumetric Rate	100	0.0907	9.07	100	0.0988	9.88	0.81	8.93%	38.21%
Volumetric Smoothing Rider	100	-0.0035	-0.35	100	-0.0046	-0.46	-0.11	31.43%	-1.78%
Volumetric Deferral/Variance Account Rider	100	0.0004	0.04	100	0.0004	0.04	0.00	0.00%	0.15%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>12.67</b>			<b>13.70</b>	<b>1.03</b>	<b>8.13%</b>	<b>52.98%</b>
Line Losses on Cost of Power	9	0.09	0.79	9	0.09	0.79	0.00	0.00%	3.06%
<b>Sub-Total: Distribution</b>			<b>13.46</b>			<b>14.49</b>	<b>1.03</b>	<b>7.65%</b>	<b>56.04%</b>
Retail Transmission Rate – Network Service Rate	109	0.0039	0.43	109	0.0039	0.43	0.00	0.00%	1.65%
Retail Transmission Rate – Line and Transformation Connection S	109	0.0032	0.35	109	0.0032	0.35	0.00	0.00%	1.35%
<b>Sub-Total: Retail Transmission</b>			<b>0.78</b>			<b>0.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.00%</b>
<b>Sub-Total: Delivery</b>			<b>14.24</b>			<b>15.27</b>	<b>1.03</b>	<b>7.23%</b>	<b>59.03%</b>
Wholesale Market Service Rate	109	0.0044	0.48	109	0.0044	0.48	0.00	0.00%	1.86%
Rural Rate Protection Charge	109	0.0012	0.13	109	0.0012	0.13	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%	0.97%
<b>Sub-Total: Regulatory</b>			<b>0.86</b>			<b>0.86</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.33%</b>
<b>Debt Retirement Charge (DRC)</b>	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	2.71%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>24.40</b>			<b>25.43</b>	<b>1.03</b>	<b>4.22%</b>	<b>98.33%</b>
HST		0.13	3.17		0.13	3.31	0.13	4.22%	12.78%
<b>Total Bill (including HST)</b>			<b>27.57</b>			<b>28.73</b>	<b>1.16</b>	<b>4.22%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-2.76		-0.10	-2.87	-0.12	4.22%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>24.81</b>			<b>25.86</b>	<b>1.05</b>	<b>4.22%</b>	<b>100.00%</b>

**2016 Bill Impacts (Typical Consumption Level)**

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

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	500	0.086	43.00	500	0.086	43.00	0.00	0.00%	38.73%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>43.00</b>			<b>43.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>38.73%</b>
Service Charge	1	4.02	4.02	1	4.39	4.39	0.37	9.20%	3.95%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-0.15	-0.15	1	-0.2	-0.20	-0.05	33.33%	-0.18%
Fixed Deferral/Variance Account Rider	1	0.04	0.04	1	0.05	0.05	0.01	25.00%	0.05%
Distribution Volumetric Rate	500	0.0907	45.35	500	0.0988	49.40	4.05	8.93%	44.49%
Volumetric Smoothing Rider	500	-0.0035	-1.75	500	-0.0046	-2.30	-0.55	31.43%	-2.07%
Volumetric Deferral/Variance Account Rider	500	0.0004	0.20	500	0.0004	0.20	0.00	0.00%	0.18%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>47.71</b>			<b>51.54</b>	<b>3.83</b>	<b>8.03%</b>	<b>46.42%</b>
Line Losses on Cost of Power	46	0.09	3.96	46	0.09	3.96	0.00	0.00%	3.56%
<b>Sub-Total: Distribution</b>			<b>51.67</b>			<b>55.50</b>	<b>3.83</b>	<b>7.41%</b>	<b>49.98%</b>
Retail Transmission Rate – Network Service Rate	546	0.0039	2.13	546	0.0039	2.13	0.00	0.00%	1.92%
Retail Transmission Rate – Line and Transformation Connection S	546	0.0032	1.75	546	0.0032	1.75	0.00	0.00%	1.57%
<b>Sub-Total: Retail Transmission</b>			<b>3.88</b>			<b>3.88</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.49%</b>
<b>Sub-Total: Delivery</b>			<b>55.54</b>			<b>59.37</b>	<b>3.83</b>	<b>6.90%</b>	<b>53.47%</b>
Wholesale Market Service Rate	546	0.0044	2.40	546	0.0044	2.40	0.00	0.00%	2.16%
Rural Rate Protection Charge	546	0.0012	0.66	546	0.0012	0.66	0.00	0.00%	0.59%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.23%
<b>Sub-Total: Regulatory</b>			<b>3.31</b>			<b>3.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.98%</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>3.15%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>105.35</b>			<b>109.18</b>	<b>3.83</b>	<b>3.64%</b>	<b>98.33%</b>
HST		0.13	13.70		0.13	14.19	0.50	3.64%	12.78%
<b>Total Bill (including HST)</b>			<b>119.05</b>			<b>123.37</b>	<b>4.33</b>	<b>3.64%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-11.90		-0.10	-12.34	-0.43	3.64%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>107.14</b>			<b>111.04</b>	<b>3.90</b>	<b>3.64%</b>	<b>100.00%</b>

**2016 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	14.26%
Energy Second Tier (kWh)	1,250	0.101	126.25	1,250	0.101	126.25	0.00	0.00%	27.91%
<b>Sub-Total: Energy (RPP)</b>			<b>190.75</b>			<b>190.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>42.17%</b>
Service Charge	1	4.02	4.02	1	4.39	4.39	0.37	9.20%	0.97%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-0.15	-0.15	1	-0.2	-0.20	-0.05	33.33%	-0.04%
Fixed Deferral/Variance Account Rider	1	0.04	0.04	1	0.05	0.05	0.01	25.00%	0.01%
Distribution Volumetric Rate	2,000	0.0907	181.40	2,000	0.0988	197.60	16.20	8.93%	43.69%
Volumetric Smoothing Rider	2,000	-0.0035	-7.00	2,000	-0.0046	-9.20	-2.20	31.43%	-2.03%
Volumetric Deferral/Variance Account Rider	2,000	0.0004	0.80	2,000	0.0004	0.80	0.00	0.00%	0.18%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>179.11</b>			<b>193.44</b>	<b>14.33</b>	<b>8.00%</b>	<b>42.77%</b>
Line Losses on Cost of Power	184	0.10	18.58	184	0.10	18.58	0.00	0.00%	4.11%
<b>Sub-Total: Distribution</b>			<b>197.69</b>			<b>212.02</b>	<b>14.33</b>	<b>7.25%</b>	<b>46.87%</b>
Retail Transmission Rate – Network Service Rate	2,184	0.0039	8.52	2,184	0.0039	8.52	0.00	0.00%	1.88%
Retail Transmission Rate – Line and Transformation Connection S	2,184	0.0032	6.99	2,184	0.0032	6.99	0.00	0.00%	1.55%
<b>Sub-Total: Retail Transmission</b>			<b>15.51</b>			<b>15.51</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.43%</b>
<b>Sub-Total: Delivery</b>			<b>213.20</b>			<b>227.53</b>	<b>14.33</b>	<b>6.72%</b>	<b>50.30%</b>
Wholesale Market Service Rate	2,184	0.0044	9.61	2,184	0.0044	9.61	0.00	0.00%	2.12%
Rural Rate Protection Charge	2,184	0.0012	2.62	2,184	0.0012	2.62	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%	0.06%
<b>Sub-Total: Regulatory</b>			<b>12.48</b>			<b>12.48</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.76%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	<b>14.00</b>	2,000	0.007	<b>14.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.10%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>430.43</b>			<b>444.76</b>	<b>14.33</b>	<b>3.33%</b>	<b>98.33%</b>
HST		0.13	55.96		0.13	57.82	1.86	3.33%	12.78%
<b>Total Bill (including HST)</b>			<b>486.39</b>			<b>502.58</b>	<b>16.19</b>	<b>3.33%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-48.64		-0.10	-50.26	-1.62	3.33%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>437.75</b>			<b>452.32</b>	<b>14.57</b>	<b>3.33%</b>	<b>100.00%</b>

**2016 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	20	0.086	1.72	20	0.086	1.72	0.00	0.00%	21.93%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1.72</b>			<b>1.72</b>	<b>0.00</b>	<b>0.00%</b>	<b>21.93%</b>
Service Charge	1	2.42	2.42	1	2.78	2.78	0.36	14.88%	35.44%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-0.09	-0.09	1	-0.13	-0.13	-0.04	44.44%	-1.66%
Fixed Deferral/Variance Account Rider	1	0.03	0.03	1	0.03	0.03	0.00	0.00%	0.38%
Distribution Volumetric Rate	20	0.1149	2.30	20	0.1298	2.60	0.30	12.97%	33.09%
Volumetric Smoothing Rider	20	-0.0044	-0.09	20	-0.006	-0.12	-0.03	36.36%	-1.53%
Volumetric Deferral/Variance Account Rider	20	0.0005	0.01	20	0.0006	0.01	0.00	20.00%	0.15%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>4.58</b>			<b>5.17</b>	<b>0.59</b>	<b>12.84%</b>	<b>65.88%</b>
Line Losses on Cost of Power	2	0.09	0.16	2	0.09	0.16	0.00	0.00%	2.02%
<b>Sub-Total: Distribution</b>			<b>4.74</b>			<b>5.33</b>	<b>0.59</b>	<b>12.41%</b>	<b>67.90%</b>
Retail Transmission Rate – Network Service Rate	22	0.0039	0.09	22	0.0039	0.09	0.00	0.00%	1.09%
Retail Transmission Rate – Line and Transformation Connection S	22	0.0032	0.07	22	0.0032	0.07	0.00	0.00%	0.89%
<b>Sub-Total: Retail Transmission</b>			<b>0.16</b>			<b>0.16</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.98%</b>
<b>Sub-Total: Delivery</b>			<b>4.89</b>			<b>5.48</b>	<b>0.59</b>	<b>12.02%</b>	<b>69.87%</b>
Wholesale Market Service Rate	22	0.0044	0.10	22	0.0044	0.10	0.00	0.00%	1.22%
Rural Rate Protection Charge	22	0.0012	0.03	22	0.0012	0.03	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%	3.19%
<b>Sub-Total: Regulatory</b>			<b>0.37</b>			<b>0.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.75%</b>
Debt Retirement Charge (DRC)	20	0.007	0.14	20	0.007	0.14	0.00	0.00%	1.78%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>7.13</b>			<b>7.71</b>	<b>0.59</b>	<b>8.25%</b>	<b>98.33%</b>
HST		0.13	0.93		0.13	1.00	0.08	8.25%	12.78%
<b>Total Bill (including HST)</b>			<b>8.05</b>			<b>8.72</b>	<b>0.66</b>	<b>8.25%</b>	<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-0.81		-0.10	-0.87	-0.07	8.25%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>7.25</b>			<b>7.84</b>	<b>0.60</b>	<b>8.25%</b>	<b>100.00%</b>

**2016 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	50	0.086	4.30	50	0.086	4.30	0.00	0.00%	28.40%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>4.30</b>			<b>4.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>28.40%</b>
Service Charge	1	2.42	2.42	1	2.78	2.78	0.36	14.88%	18.36%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-0.09	-0.09	1	-0.13	-0.13	-0.04	44.44%	-0.86%
Fixed Deferral/Variance Account Rider	1	0.03	0.03	1	0.03	0.03	0.00	0.00%	0.20%
Distribution Volumetric Rate	50	0.1149	5.75	50	0.1298	6.49	0.75	12.97%	42.86%
Volumetric Smoothing Rider	50	-0.0044	-0.22	50	-0.006	-0.30	-0.08	36.36%	-1.98%
Volumetric Deferral/Variance Account Rider	50	0.0005	0.03	50	0.0006	0.03	0.01	20.00%	0.20%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>7.91</b>			<b>8.90</b>	<b>0.99</b>	<b>12.52%</b>	<b>58.78%</b>
Line Losses on Cost of Power	5	0.09	0.40	5	0.09	0.40	0.00	0.00%	2.61%
<b>Sub-Total: Distribution</b>			<b>8.31</b>			<b>9.30</b>	<b>0.99</b>	<b>11.92%</b>	<b>61.39%</b>
Retail Transmission Rate – Network Service Rate	55	0.0039	0.21	55	0.0039	0.21	0.00	0.00%	1.41%
Retail Transmission Rate – Line and Transformation Connection S	55	0.0032	0.17	55	0.0032	0.17	0.00	0.00%	1.15%
<b>Sub-Total: Retail Transmission</b>			<b>0.39</b>			<b>0.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.56%</b>
<b>Sub-Total: Delivery</b>			<b>8.69</b>			<b>9.68</b>	<b>0.99</b>	<b>11.39%</b>	<b>63.95%</b>
Wholesale Market Service Rate	55	0.0044	0.24	55	0.0044	0.24	0.00	0.00%	1.59%
Rural Rate Protection Charge	55	0.0012	0.07	55	0.0012	0.07	0.00	0.00%	0.43%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	1.65%
<b>Sub-Total: Regulatory</b>			<b>0.56</b>			<b>0.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.67%</b>
Debt Retirement Charge (DRC)	50	0.007	0.35	50	0.007	0.35	0.00	0.00%	2.31%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>13.90</b>			<b>14.89</b>	<b>0.99</b>	<b>7.12%</b>	<b>98.33%</b>
HST		0.13	1.81		0.13	1.94	0.13	7.12%	12.78%
<b>Total Bill (including HST)</b>			<b>15.71</b>			<b>16.82</b>	<b>1.12</b>	<b>7.12%</b>	<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-1.57		-0.10	-1.68	-0.11	7.12%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>14.14</b>			<b>15.14</b>	<b>1.01</b>	<b>7.12%</b>	<b>100.00%</b>

**2016 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	200	0.086	17.20	200	0.086	17.20	0.00	0.00%	33.31%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>17.20</b>			<b>17.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>33.31%</b>
Service Charge	1	2.42	2.42	1	2.78	2.78	0.36	14.88%	5.38%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-0.09	-0.09	1	-0.13	-0.13	-0.04	44.44%	-0.25%
Fixed Deferral/Variance Account Rider	1	0.03	0.03	1	0.03	0.03	0.00	0.00%	0.06%
Distribution Volumetric Rate	200	0.1149	22.98	200	0.1298	25.96	2.98	12.97%	50.28%
Volumetric Smoothing Rider	200	-0.0044	-0.88	200	-0.006	-1.20	-0.32	36.36%	-2.32%
Volumetric Deferral/Variance Account Rider	200	0.0005	0.10	200	0.0006	0.12	0.02	20.00%	0.23%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>24.56</b>			<b>27.56</b>	<b>3.00</b>	<b>12.21%</b>	<b>53.38%</b>
Line Losses on Cost of Power	18	0.09	1.58	18	0.09	1.58	0.00	0.00%	3.06%
<b>Sub-Total: Distribution</b>			<b>26.14</b>			<b>29.14</b>	<b>3.00</b>	<b>11.48%</b>	<b>56.45%</b>
Retail Transmission Rate – Network Service Rate	218	0.0039	0.85	218	0.0039	0.85	0.00	0.00%	1.65%
Retail Transmission Rate – Line and Transformation Connection S	218	0.0032	0.70	218	0.0032	0.70	0.00	0.00%	1.35%
<b>Sub-Total: Retail Transmission</b>			<b>1.55</b>			<b>1.55</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.00%</b>
<b>Sub-Total: Delivery</b>			<b>27.69</b>			<b>30.69</b>	<b>3.00</b>	<b>10.83%</b>	<b>59.45%</b>
Wholesale Market Service Rate	218	0.0044	0.96	218	0.0044	0.96	0.00	0.00%	1.86%
Rural Rate Protection Charge	218	0.0012	0.26	218	0.0012	0.26	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%	0.48%
<b>Sub-Total: Regulatory</b>			<b>1.47</b>			<b>1.47</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.85%</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>2.71%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>47.77</b>			<b>50.77</b>	<b>3.00</b>	<b>6.28%</b>	<b>98.33%</b>
HST		0.13	6.21		0.13	6.60	0.39	6.28%	12.78%
<b>Total Bill (including HST)</b>			<b>53.98</b>			<b>57.37</b>	<b>3.39</b>	<b>6.28%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-5.40		-0.10	-5.74	-0.34	6.28%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>48.58</b>			<b>51.63</b>	<b>3.05</b>	<b>6.28%</b>	<b>100.00%</b>



**2016 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	16.05%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>16.05%</b>
Service Charge	1	39.41	39.41	1	39.52	39.52	0.11	0.28%	73.76%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-1.51	-1.51	1	-1.84	-1.84	-0.33	21.85%	-3.43%
Fixed Deferral/Variance Account Rider	1	0.35	0.35	1	0.33	0.33	-0.02	-5.71%	0.62%
Distribution Volumetric Rate	100	0.0307	3.07	100	0.0303	3.03	-0.04	-1.30%	5.66%
Volumetric Smoothing Rider	100	-0.0012	-0.12	100	-0.0014	-0.14	-0.02	16.67%	-0.26%
Volumetric Deferral/Variance Account Rider	100	0.0000	0.00	100	0	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>41.20</b>			<b>40.90</b>	<b>-0.30</b>	<b>-0.73%</b>	<b>76.34%</b>
Line Losses on Cost of Power	9	0.09	0.79	9	0.09	0.79	0.00	0.00%	1.48%
<b>Sub-Total: Distribution</b>			<b>41.99</b>			<b>41.69</b>	<b>-0.30</b>	<b>-0.71%</b>	<b>77.81%</b>
Retail Transmission Rate – Network Service Rate	109	0.0046	0.50	109	0.0046	0.50	0.00	0.00%	0.94%
Retail Transmission Rate – Line and Transformation Connection S	109	0.003	0.33	109	0.003	0.33	0.00	0.00%	0.61%
<b>Sub-Total: Retail Transmission</b>			<b>0.83</b>			<b>0.83</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.55%</b>
<b>Sub-Total: Delivery</b>			<b>42.82</b>			<b>42.52</b>	<b>-0.30</b>	<b>-0.70%</b>	<b>79.36%</b>
Wholesale Market Service Rate	109	0.0044	0.48	109	0.0044	0.48	0.00	0.00%	0.90%
Rural Rate Protection Charge	109	0.0012	0.13	109	0.0012	0.13	0.00	0.00%	0.24%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.47%
<b>Sub-Total: Regulatory</b>			<b>0.86</b>			<b>0.86</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.61%</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>1.31%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>52.98</b>			<b>52.68</b>	<b>-0.30</b>	<b>-0.57%</b>	<b>98.33%</b>
HST		0.13	6.89		0.13	6.85	-0.04	-0.57%	12.78%
<b>Total Bill (including HST)</b>			<b>59.87</b>			<b>59.53</b>	<b>-0.34</b>	<b>-0.57%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-5.99		-0.10	-5.95	0.03	-0.57%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>53.88</b>			<b>53.58</b>	<b>-0.31</b>	<b>-0.57%</b>	<b>100.00%</b>

**2016 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	500	0.086	43.00	500	0.086	43.00	0.00	0.00%	38.31%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>43.00</b>			<b>43.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>38.31%</b>
Service Charge	1	39.41	39.41	1	39.52	39.52	0.11	0.28%	35.21%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-1.51	-1.51	1	-1.84	-1.84	-0.33	21.85%	-1.64%
Fixed Deferral/Variance Account Rider	1	0.35	0.35	1	0.33	0.33	-0.02	-5.71%	0.29%
Distribution Volumetric Rate	500	0.0307	15.35	500	0.0303	15.15	-0.20	-1.30%	13.50%
Volumetric Smoothing Rider	500	-0.0012	-0.60	500	-0.0014	-0.70	-0.10	16.67%	-0.62%
Volumetric Deferral/Variance Account Rider	500	0.0000	0.00	500	0	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>53.00</b>			<b>52.46</b>	<b>-0.54</b>	<b>-1.02%</b>	<b>46.74%</b>
Line Losses on Cost of Power	46	0.09	3.96	46	0.09	3.96	0.00	0.00%	3.52%
<b>Sub-Total: Distribution</b>			<b>56.96</b>			<b>56.42</b>	<b>-0.54</b>	<b>-0.95%</b>	<b>50.26%</b>
Retail Transmission Rate – Network Service Rate	546	0.0046	2.51	546	0.0046	2.51	0.00	0.00%	2.24%
Retail Transmission Rate – Line and Transformation Connection S	546	0.003	1.64	546	0.003	1.64	0.00	0.00%	1.46%
<b>Sub-Total: Retail Transmission</b>			<b>4.15</b>			<b>4.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.70%</b>
<b>Sub-Total: Delivery</b>			<b>61.11</b>			<b>60.57</b>	<b>-0.54</b>	<b>-0.88%</b>	<b>53.96%</b>
Wholesale Market Service Rate	546	0.0044	2.40	546	0.0044	2.40	0.00	0.00%	2.14%
Rural Rate Protection Charge	546	0.0012	0.66	546	0.0012	0.66	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%	0.22%
<b>Sub-Total: Regulatory</b>			<b>3.31</b>			<b>3.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.95%</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>3.12%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>110.91</b>			<b>110.37</b>	<b>-0.54</b>	<b>-0.49%</b>	<b>98.33%</b>
HST		0.13	14.42		0.13	14.35	-0.07	-0.49%	12.78%
<b>Total Bill (including HST)</b>			<b>125.33</b>			<b>124.72</b>	<b>-0.61</b>	<b>-0.49%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-12.53		-0.10	-12.47	0.06	-0.49%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>112.80</b>			<b>112.25</b>	<b>-0.55</b>	<b>-0.49%</b>	<b>100.00%</b>

**2016 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	33.80%
Energy Second Tier (kWh)	250	0.101	25.25	250	0.101	25.25	0.00	0.00%	13.23%
<b>Sub-Total: Energy (RPP)</b>			<b>89.75</b>			<b>89.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.04%</b>
Service Charge	1	39.41	39.41	1	39.52	39.52	0.11	0.28%	20.71%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-1.51	-1.51	1	-1.84	-1.84	-0.33	21.85%	-0.96%
Fixed Deferral/Variance Account Rider	1	0.35	0.35	1	0.33	0.33	-0.02	-5.71%	0.17%
Distribution Volumetric Rate	1,000	0.0307	30.70	1,000	0.0303	30.30	-0.40	-1.30%	15.88%
Volumetric Smoothing Rider	1,000	-0.0012	-1.20	1,000	-0.0014	-1.40	-0.20	16.67%	-0.73%
Volumetric Deferral/Variance Account Rider	1,000	0.0000	0.00	1,000	0	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>67.75</b>			<b>66.91</b>	<b>-0.84</b>	<b>-1.24%</b>	<b>35.07%</b>
Line Losses on Cost of Power	92	0.10	9.29	92	0.10	9.29	0.00	0.00%	4.87%
<b>Sub-Total: Distribution</b>			<b>77.04</b>			<b>76.20</b>	<b>-0.84</b>	<b>-1.09%</b>	<b>39.94%</b>
Retail Transmission Rate – Network Service Rate	1,092	0.0046	5.02	1,092	0.0046	5.02	0.00	0.00%	2.63%
Retail Transmission Rate – Line and Transformation Connection S	1,092	0.003	3.28	1,092	0.003	3.28	0.00	0.00%	1.72%
<b>Sub-Total: Retail Transmission</b>			<b>8.30</b>			<b>8.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.35%</b>
<b>Sub-Total: Delivery</b>			<b>85.34</b>			<b>84.50</b>	<b>-0.84</b>	<b>-0.98%</b>	<b>44.29%</b>
Wholesale Market Service Rate	1,092	0.0044	4.80	1,092	0.0044	4.80	0.00	0.00%	2.52%
Rural Rate Protection Charge	1,092	0.0012	1.31	1,092	0.0012	1.31	0.00	0.00%	0.69%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.13%
<b>Sub-Total: Regulatory</b>			<b>6.37</b>			<b>6.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.34%</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>3.67%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>188.46</b>			<b>187.62</b>	<b>-0.84</b>	<b>-0.45%</b>	<b>98.33%</b>
HST		0.13	24.50		0.13	24.39	-0.11	-0.45%	12.78%
<b>Total Bill (including HST)</b>			<b>212.96</b>			<b>212.01</b>	<b>-0.95</b>	<b>-0.45%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-21.30		-0.10	-21.20	0.09	-0.45%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>191.66</b>			<b>190.81</b>	<b>-0.85</b>	<b>-0.45%</b>	<b>100.00%</b>

**2016 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,915	0.086	1,368.69	15,915	0.086	1,368.69	0.00	0.00%	45.20%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,368.69</b>			<b>1,368.69</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.20%</b>
Service Charge	1	83.96	83.96	1	91.53	91.53	7.57	9.02%	3.02%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-3.21	-3.21	1	-4.26	-4.26	-1.05	32.71%	-0.14%
Fixed Deferral/Variance Account Rider	1	0.65	0.65	1	0.65	0.65	0.00	0.00%	0.02%
Distribution Volumetric Rate	60	13.7208	823.25	60	15.1456	908.74	85.49	10.38%	30.01%
Volumetric Smoothing Rider	60	-0.5244	-31.46	60	-0.7057	-42.34	-10.88	34.57%	-1.40%
Volumetric Deferral/Variance Account Rider	60	0.0144	0.86	60	0.016	0.96	0.10	11.11%	0.03%
<b>Sub-Total: Distribution</b>			<b>874.05</b>			<b>955.27</b>	<b>81.23</b>	<b>9.29%</b>	<b>31.54%</b>
Retail Transmission Rate – Network Service Rate	60	1.6422	98.53	60	1.6422	98.53	0.00	0.00%	3.25%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.0516	63.10	60	1.0516	63.10	0.00	0.00%	2.08%
<b>Sub-Total: Retail Transmission</b>			<b>161.63</b>			<b>161.63</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.34%</b>
<b>Sub-Total: Delivery</b>			<b>1,035.68</b>			<b>1,116.90</b>	<b>81.23</b>	<b>7.84%</b>	<b>36.88%</b>
Wholesale Market Service Rate	15,915	0.0044	70.03	15,915	0.0044	70.03	0.00	0.00%	2.31%
Rural Rate Protection Charge	15,915	0.0012	19.10	15,915	0.0012	19.10	0.00	0.00%	0.63%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>89.37</b>			<b>89.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.95%</b>
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.47%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>2,598.74</b>			<b>2,679.97</b>	<b>81.23</b>	<b>3.13%</b>	<b>88.50%</b>
HST		0.13	337.84		0.13	348.40	10.56	3.13%	11.50%
<b>Total Bill (including HST)</b>			<b>2,936.58</b>			<b>3,028.36</b>	<b>91.79</b>	<b>3.13%</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>2,936.58</b>			<b>3,028.36</b>	<b>91.79</b>	<b>3.13%</b>	<b>100.00%</b>

**2016 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	37,135	0.086	3,193.61	37,135	0.086	3,193.61	0.00	0.00%	48.79%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>3,193.61</b>			<b>3,193.61</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.79%</b>
Service Charge	1	83.96	83.96	1	91.53	91.53	7.57	9.02%	1.40%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-3.21	-3.21	1	-4.26	-4.26	-1.05	32.71%	-0.07%
Fixed Deferral/Variance Account Rider	1	0.65	0.65	1	0.65	0.65	0.00	0.00%	0.01%
Distribution Volumetric Rate	120	13.7208	1,646.50	120	15.1456	1,817.47	170.98	10.38%	27.77%
Volumetric Smoothing Rider	120	-0.5244	-62.93	120	-0.7057	-84.68	-21.76	34.57%	-1.29%
Volumetric Deferral/Variance Account Rider	120	0.0144	1.73	120	0.016	1.92	0.19	11.11%	0.03%
<b>Sub-Total: Distribution</b>			<b>1,666.70</b>			<b>1,822.63</b>	<b>155.93</b>	<b>9.36%</b>	<b>27.84%</b>
Retail Transmission Rate – Network Service Rate	120	1.6422	197.06	120	1.6422	197.06	0.00	0.00%	3.01%
Retail Transmission Rate – Line and Transformation Connection Service Rate	120	1.0516	126.19	120	1.0516	126.19	0.00	0.00%	1.93%
<b>Sub-Total: Retail Transmission</b>			<b>323.26</b>			<b>323.26</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.94%</b>
<b>Sub-Total: Delivery</b>			<b>1,989.95</b>			<b>2,145.88</b>	<b>155.93</b>	<b>7.84%</b>	<b>32.78%</b>
Wholesale Market Service Rate	37,135	0.0044	163.39	37,135	0.0044	163.39	0.00	0.00%	2.50%
Rural Rate Protection Charge	37,135	0.0012	44.56	37,135	0.0012	44.56	0.00	0.00%	0.68%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>208.21</b>			<b>208.21</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.18%</b>
Debt Retirement Charge (DRC)	35,000	0.007	245.00	35,000	0.007	245.00	0.00	0.00%	3.74%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>5,636.77</b>			<b>5,792.70</b>	<b>155.93</b>	<b>2.77%</b>	<b>88.50%</b>
HST		0.13	732.78		0.13	753.05	20.27	2.77%	11.50%
<b>Total Bill (including HST)</b>			<b>6,369.55</b>			<b>6,545.75</b>	<b>176.20</b>	<b>2.77%</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>6,369.55</b>			<b>6,545.75</b>	<b>176.20</b>	<b>2.77%</b>	<b>100.00%</b>

**2016 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	185,675	0.086	15,968.05	185,675	0.086	15,968.05	0.00	0.00%	52.54%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>15,968.05</b>			<b>15,968.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>52.54%</b>
Service Charge	1	83.96	83.96	1	91.53	91.53	7.57	9.02%	0.30%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-3.21	-3.21	1	-4.26	-4.26	-1.05	32.71%	-0.01%
Fixed Deferral/Variance Account Rider	1	0.65	0.65	1	0.65	0.65	0.00	0.00%	0.00%
Distribution Volumetric Rate	500	13.7208	6,860.40	500	15.1456	7,572.80	712.40	10.38%	24.92%
Volumetric Smoothing Rider	500	-0.5244	-262.20	500	-0.7057	-352.85	-90.65	34.57%	-1.16%
Volumetric Deferral/Variance Account Rider	500	0.0144	7.20	500	0.016	8.00	0.80	11.11%	0.03%
<b>Sub-Total: Distribution</b>			<b>6,686.80</b>			<b>7,315.87</b>	<b>629.07</b>	<b>9.41%</b>	<b>24.07%</b>
Retail Transmission Rate – Network Service Rate	500	1.6422	821.10	500	1.6422	821.10	0.00	0.00%	2.70%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.0516	525.80	500	1.0516	525.80	0.00	0.00%	1.73%
<b>Sub-Total: Retail Transmission</b>			<b>1,346.90</b>			<b>1,346.90</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.43%</b>
<b>Sub-Total: Delivery</b>			<b>8,033.70</b>			<b>8,662.77</b>	<b>629.07</b>	<b>7.83%</b>	<b>28.50%</b>
Wholesale Market Service Rate	185,675	0.0044	816.97	185,675	0.0044	816.97	0.00	0.00%	2.69%
Rural Rate Protection Charge	185,675	0.0012	222.81	185,675	0.0012	222.81	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>1,040.03</b>			<b>1,040.03</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.42%</b>
Debt Retirement Charge (DRC)	175,000	0.007	1,225.00	175,000	0.007	1,225.00	0.00	0.00%	4.03%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>26,266.78</b>			<b>26,895.85</b>	<b>629.07</b>	<b>2.39%</b>	<b>88.50%</b>
HST		0.13	3,414.68		0.13	3,496.46	81.78	2.39%	11.50%
<b>Total Bill (including HST)</b>			<b>29,681.46</b>			<b>30,392.31</b>	<b>710.85</b>	<b>2.39%</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 Two-Tier RPP (including OCEB)</b>			<b>29,681.46</b>			<b>30,392.31</b>	<b>710.85</b>	<b>2.39%</b>	<b>100.00%</b>

**2016 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,750	0.086	1,354.50	15,750	0.086	1,354.50	0.00	0.00%	51.45%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,354.50</b>			<b>1,354.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.45%</b>
Service Charge	1	85.01	85.01	1	92.91	92.91	7.90	9.29%	3.53%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-3.25	-3.25	1	-4.33	-4.33	-1.08	33.23%	-0.16%
Fixed Deferral/Variance Account Rider	1	0.66	0.66	1	0.66	0.66	0.00	0.00%	0.03%
Distribution Volumetric Rate	60	7.8589	471.53	60	8.6492	518.95	47.42	10.06%	19.71%
Volumetric Smoothing Rider	60	-0.3004	-18.02	60	-0.403	-24.18	-6.16	34.15%	-0.92%
Volumetric Deferral/Variance Account Rider	60	-0.0434	-2.60	60	-0.043	-2.58	0.02	-0.92%	-0.10%
<b>Sub-Total: Distribution</b>			<b>533.33</b>			<b>581.43</b>	<b>48.11</b>	<b>9.02%</b>	<b>22.09%</b>
Retail Transmission Rate – Network Service Rate	60	2.0526	123.16	60	2.0526	123.16	0.00	0.00%	4.68%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.2844	77.06	60	1.2844	77.06	0.00	0.00%	2.93%
<b>Sub-Total: Retail Transmission</b>			<b>200.22</b>			<b>200.22</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.61%</b>
<b>Sub-Total: Delivery</b>			<b>733.55</b>			<b>781.65</b>	<b>48.11</b>	<b>6.56%</b>	<b>29.69%</b>
Wholesale Market Service Rate	15,750	0.0044	69.30	15,750	0.0044	69.30	0.00	0.00%	2.63%
Rural Rate Protection Charge	15,750	0.0012	18.90	15,750	0.0012	18.90	0.00	0.00%	0.72%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>88.45</b>			<b>88.45</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.36%</b>
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.99%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>2,281.50</b>			<b>2,329.60</b>	<b>48.11</b>	<b>2.11%</b>	<b>88.50%</b>
HST		0.13	296.59		0.13	302.85	6.25	2.11%	11.50%
<b>Total Bill (including HST)</b>			<b>2,578.09</b>			<b>2,632.45</b>	<b>54.36</b>	<b>2.11%</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>2,578.09</b>			<b>2,632.45</b>	<b>54.36</b>	<b>2.11%</b>	<b>100.00%</b>

**2016 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	36,750	0.086	3,160.50	36,750	0.086	3,160.50	0.00	0.00%	55.00%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>3,160.50</b>			<b>3,160.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.00%</b>
Service Charge	1	85.01	85.01	1	92.91	92.91	7.90	9.29%	1.62%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-3.25	-3.25	1	-4.33	-4.33	-1.08	33.23%	-0.08%
Fixed Deferral/Variance Account Rider	1	0.66	0.66	1	0.66	0.66	0.00	0.00%	0.01%
Distribution Volumetric Rate	120	7.8589	943.07	120	8.6492	1,037.90	94.84	10.06%	18.06%
Volumetric Smoothing Rider	120	-0.3004	-36.05	120	-0.403	-48.36	-12.31	34.15%	-0.84%
Volumetric Deferral/Variance Account Rider	120	-0.0434	-5.21	120	-0.043	-5.16	0.05	-0.92%	-0.09%
<b>Sub-Total: Distribution</b>			<b>984.23</b>			<b>1,073.62</b>	<b>89.39</b>	<b>9.08%</b>	<b>18.68%</b>
Retail Transmission Rate – Network Service Rate	120	2.0526	246.31	120	2.0526	246.31	0.00	0.00%	4.29%
Retail Transmission Rate – Line and Transformation Connection Service Rate	120	1.2844	154.13	120	1.2844	154.13	0.00	0.00%	2.68%
<b>Sub-Total: Retail Transmission</b>			<b>400.44</b>			<b>400.44</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.97%</b>
<b>Sub-Total: Delivery</b>			<b>1,384.67</b>			<b>1,474.06</b>	<b>89.39</b>	<b>6.46%</b>	<b>25.65%</b>
Wholesale Market Service Rate	36,750	0.0044	161.70	36,750	0.0044	161.70	0.00	0.00%	2.81%
Rural Rate Protection Charge	36,750	0.0012	44.10	36,750	0.0012	44.10	0.00	0.00%	0.77%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>206.05</b>			<b>206.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.59%</b>
Debt Retirement Charge (DRC)	35,000	0.007	245.00	35,000	0.007	245.00	0.00	0.00%	4.26%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>4,996.22</b>			<b>5,085.61</b>	<b>89.39</b>	<b>1.79%</b>	<b>88.50%</b>
HST		0.13	649.51		0.13	661.13	11.62	1.79%	11.50%
<b>Total Bill (including HST)</b>			<b>5,645.73</b>			<b>5,746.74</b>	<b>101.01</b>	<b>1.79%</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 Two-Tier RPP (including OCEB)</b>			<b>5,645.73</b>			<b>5,746.74</b>	<b>101.01</b>	<b>1.79%</b>	<b>100.00%</b>



**2016 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	183,750	0.086	15,802.50	183,750	0.086	15,802.50	0.00	0.00%	58.47%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>15,802.50</b>			<b>15,802.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.47%</b>
Service Charge	1	85.01	85.01	1	92.91	92.91	7.90	9.29%	0.34%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-3.25	-3.25	1	-4.33	-4.33	-1.08	33.23%	-0.02%
Fixed Deferral/Variance Account Rider	1	0.66	0.66	1	0.66	0.66	0.00	0.00%	0.00%
Distribution Volumetric Rate	500	7.8589	3,929.45	500	8.6492	4,324.60	395.15	10.06%	16.00%
Volumetric Smoothing Rider	500	-0.3004	-150.20	500	-0.403	-201.50	-51.30	34.15%	-0.75%
Volumetric Deferral/Variance Account Rider	500	-0.0434	-21.70	500	-0.043	-21.50	0.20	-0.92%	-0.08%
<b>Sub-Total: Distribution</b>			<b>3,839.97</b>			<b>4,190.84</b>	<b>350.87</b>	<b>9.14%</b>	<b>15.51%</b>
Retail Transmission Rate – Network Service Rate	500	2.0526	1,026.30	500	2.0526	1,026.30	0.00	0.00%	3.80%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.2844	642.20	500	1.2844	642.20	0.00	0.00%	2.38%
<b>Sub-Total: Retail Transmission</b>			<b>1,668.50</b>			<b>1,668.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.17%</b>
<b>Sub-Total: Delivery</b>			<b>5,508.47</b>			<b>5,859.34</b>	<b>350.87</b>	<b>6.37%</b>	<b>21.68%</b>
Wholesale Market Service Rate	183,750	0.0044	808.50	183,750	0.0044	808.50	0.00	0.00%	2.99%
Rural Rate Protection Charge	183,750	0.0012	220.50	183,750	0.0012	220.50	0.00	0.00%	0.82%
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>1,029.25</b>			<b>1,029.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.81%</b>
Debt Retirement Charge (DRC)	175,000	0.007	1,225.00	175,000	0.007	1,225.00	0.00	0.00%	4.53%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>23,565.22</b>			<b>23,916.09</b>	<b>350.87</b>	<b>1.49%</b>	<b>88.50%</b>
HST		0.13	3,063.48		0.13	3,109.09	45.61	1.49%	11.50%
<b>Total Bill (including HST)</b>			<b>26,628.70</b>			<b>27,025.18</b>	<b>396.48</b>	<b>1.49%</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>26,628.70</b>			<b>27,025.18</b>	<b>396.48</b>	<b>1.49%</b>	<b>100.00%</b>

**2016 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	318	0.086	27.37	318	0.086	27.37	0.00	0.00%	8.45%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>27.37</b>			<b>27.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>8.45%</b>
Service Charge	1	168.02	168.02	1	208.09	208.09	40.07	23.85%	64.24%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-6.42	-6.42	1	-9.7	-9.70	-3.28	51.09%	-2.99%
Fixed Deferral/Variance Account Rider	1	1.72	1.72	1	1.93	1.93	0.21	12.21%	0.60%
Distribution Volumetric Rate	10	3.2651	32.65	10	4.7988	47.99	15.34	46.97%	14.81%
Volumetric Smoothing Rider	10	-0.1248	-1.25	10	-0.2236	-2.24	-0.99	79.17%	-0.69%
Volumetric Deferral/Variance Account Rider	10	0.0047	0.05	10	0.0154	0.15	0.11	227.66%	0.05%
<b>Sub-Total: Distribution</b>			<b>194.77</b>			<b>246.23</b>	<b>51.46</b>	<b>26.42%</b>	<b>76.01%</b>
Retail Transmission Rate – Network Service Rate	10	0.5491	5.49	10	0.5491	5.49	0.00	0.00%	1.70%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10	0.3443	3.44	10	0.3443	3.44	0.00	0.00%	1.06%
<b>Sub-Total: Retail Transmission</b>			<b>8.93</b>			<b>8.93</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.76%</b>
<b>Sub-Total: Delivery</b>			<b>203.70</b>			<b>255.16</b>	<b>51.46</b>	<b>25.26%</b>	<b>78.77%</b>
Wholesale Market Service Rate	318	0.0044	1.40	318	0.0044	1.40	0.00	0.00%	0.43%
Rural Rate Protection Charge	318	0.0012	0.38	318	0.0012	0.38	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>2.03</b>			<b>2.03</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.63%</b>
Debt Retirement Charge (DRC)	300	0.007	2.10	300	0.007	2.10	0.00	0.00%	0.65%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>235.21</b>			<b>286.67</b>	<b>51.46</b>	<b>21.88%</b>	<b>88.50%</b>
HST		0.13	30.58		0.13	37.27	6.69	21.88%	11.50%
<b>Total Bill (including HST)</b>			<b>265.79</b>			<b>323.93</b>	<b>58.15</b>	<b>21.88%</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>265.79</b>			<b>323.93</b>	<b>58.15</b>	<b>21.88%</b>	<b>100.00%</b>

**2016 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	2,122	0.086	182.49	2,122	0.086	182.49	0.00	0.00%	31.14%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>182.49</b>			<b>182.49</b>	<b>0.00</b>	<b>0.00%</b>	<b>31.14%</b>
Service Charge	1	168.02	168.02	1	208.09	208.09	40.07	23.85%	35.51%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-6.42	-6.42	1	-9.7	-9.70	-3.28	51.09%	-1.66%
Fixed Deferral/Variance Account Rider	1	1.72	1.72	1	1.93	1.93	0.21	12.21%	0.33%
Distribution Volumetric Rate	20	3.2651	65.30	20	4.7988	95.98	30.67	46.97%	16.38%
Volumetric Smoothing Rider	20	-0.1248	-2.50	20	-0.2236	-4.47	-1.98	79.17%	-0.76%
Volumetric Deferral/Variance Account Rider	20	0.0047	0.09	20	0.0154	0.31	0.21	227.66%	0.05%
<b>Sub-Total: Distribution</b>			<b>226.22</b>			<b>292.13</b>	<b>65.91</b>	<b>29.14%</b>	<b>49.85%</b>
Retail Transmission Rate – Network Service Rate	20	0.5491	10.98	20	0.5491	10.98	0.00	0.00%	1.87%
Retail Transmission Rate – Line and Transformation Connection Service Rate	20	0.3443	6.89	20	0.3443	6.89	0.00	0.00%	1.17%
<b>Sub-Total: Retail Transmission</b>			<b>17.87</b>			<b>17.87</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.05%</b>
<b>Sub-Total: Delivery</b>			<b>244.09</b>			<b>310.00</b>	<b>65.91</b>	<b>27.00%</b>	<b>52.90%</b>
Wholesale Market Service Rate	2,122	0.0044	9.34	2,122	0.0044	9.34	0.00	0.00%	1.59%
Rural Rate Protection Charge	2,122	0.0012	2.55	2,122	0.0012	2.55	0.00	0.00%	0.43%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.04%
<b>Sub-Total: Regulatory</b>			<b>12.13</b>			<b>12.13</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.07%</b>
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	2.39%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>452.71</b>			<b>518.63</b>	<b>65.91</b>	<b>14.56%</b>	<b>88.50%</b>
HST		0.13	58.85		0.13	67.42	8.57	14.56%	11.50%
<b>Total Bill (including HST)</b>			<b>511.57</b>			<b>586.05</b>	<b>74.48</b>	<b>14.56%</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 Two-Tier RPP (including OCEB)</b>			<b>511.57</b>			<b>586.05</b>	<b>74.48</b>	<b>14.56%</b>	<b>100.00%</b>

**2016 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	5,305	0.086	456.23	5,305	0.086	456.23	0.00	0.00%	31.79%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>456.23</b>			<b>456.23</b>	<b>0.00</b>	<b>0.00%</b>	<b>31.79%</b>
Service Charge	1	168.02	168.02	1	208.09	208.09	40.07	23.85%	14.50%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-6.42	-6.42	1	-9.7	-9.70	-3.28	51.09%	-0.68%
Fixed Deferral/Variance Account Rider	1	1.72	1.72	1	1.93	1.93	0.21	12.21%	0.13%
Distribution Volumetric Rate	100	3.2651	326.51	100	4.7988	479.88	153.37	46.97%	33.44%
Volumetric Smoothing Rider	100	-0.1248	-12.48	100	-0.2236	-22.36	-9.88	79.17%	-1.56%
Volumetric Deferral/Variance Account Rider	100	0.0047	0.47	100	0.0154	1.54	1.07	227.66%	0.11%
<b>Sub-Total: Distribution</b>			<b>477.82</b>			<b>659.38</b>	<b>181.56</b>	<b>38.00%</b>	<b>45.95%</b>
Retail Transmission Rate – Network Service Rate	100	0.5491	54.91	100	0.5491	54.91	0.00	0.00%	3.83%
Retail Transmission Rate – Line and Transformation Connection Service Rate	100	0.3443	34.43	100	0.3443	34.43	0.00	0.00%	2.40%
<b>Sub-Total: Retail Transmission</b>			<b>89.34</b>			<b>89.34</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.23%</b>
<b>Sub-Total: Delivery</b>			<b>567.16</b>			<b>748.72</b>	<b>181.56</b>	<b>32.01%</b>	<b>52.18%</b>
Wholesale Market Service Rate	5,305	0.0044	23.34	5,305	0.0044	23.34	0.00	0.00%	1.63%
Rural Rate Protection Charge	5,305	0.0012	6.37	5,305	0.0012	6.37	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%	0.02%
<b>Sub-Total: Regulatory</b>			<b>29.96</b>			<b>29.96</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.09%</b>
Debt Retirement Charge (DRC)	5,000	0.007	35.00	5,000	0.007	35.00	0.00	0.00%	2.44%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>1,088.35</b>			<b>1,269.91</b>	<b>181.56</b>	<b>16.68%</b>	<b>88.50%</b>
HST		0.13	141.49		0.13	165.09	23.60	16.68%	11.50%
<b>Total Bill (including HST)</b>			<b>1,229.83</b>			<b>1,435.00</b>	<b>205.16</b>	<b>16.68%</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 Two-Tier RPP (including OCEB)</b>			<b>1,229.83</b>			<b>1,435.00</b>	<b>205.16</b>	<b>16.68%</b>	<b>100.00%</b>

**2016 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	206,800	0.086	17,784.80	206,800	0.086	17,784.80	0.00	0.00%	62.18%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>17,784.80</b>			<b>17,784.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>62.18%</b>
Service Charge	1	1129.23	1,129.23	1	1223.95	1,223.95	94.72	8.39%	4.28%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-32.96	-32.96	1	-43.24	-43.24	-10.28	31.19%	-0.15%
Fixed Deferral/Variance Account Rider	1	6.54	6.54	1	6.5	6.50	-0.04	-0.61%	0.02%
Distribution Volumetric Rate	500	1.1227	561.35	500	1.25	625.00	63.65	11.34%	2.19%
Volumetric Smoothing Rider	500	-0.0477	-23.85	500	-0.063	-31.50	-7.65	32.08%	-0.11%
Volumetric Deferral/Variance Account Rider	500	0.1895	94.75	500	0.1891	94.55	-0.20	-0.21%	0.33%
<b>Sub-Total: Distribution</b>			<b>1,735.06</b>			<b>1,875.26</b>	<b>140.20</b>	<b>8.08%</b>	<b>6.56%</b>
Retail Transmission Rate – Network Service Rate	500	3.5654	1,782.70	500	3.5654	1,782.70	0.00	0.00%	6.23%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	2.6212	1,310.60	500	2.6212	1,310.60	0.00	0.00%	4.58%
<b>Sub-Total: Retail Transmission</b>			<b>3,093.30</b>			<b>3,093.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>10.81%</b>
<b>Sub-Total: Delivery</b>			<b>4,828.36</b>			<b>4,968.56</b>	<b>140.20</b>	<b>2.90%</b>	<b>17.37%</b>
Wholesale Market Service Rate	206,800	0.0044	909.92	206,800	0.0044	909.92	0.00	0.00%	3.18%
Rural Rate Protection Charge	206,800	0.0012	248.16	206,800	0.0012	248.16	0.00	0.00%	0.87%
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>1,158.33</b>			<b>1,158.33</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.05%</b>
Debt Retirement Charge (DRC)	200,000	0.007	1,400.00	200,000	0.007	1,400.00	0.00	0.00%	4.89%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>25,171.49</b>			<b>25,311.69</b>	<b>140.20</b>	<b>0.56%</b>	<b>88.50%</b>
HST		0.13	3,272.29		0.13	3,290.52	18.23	0.56%	11.50%
<b>Total Bill (including HST)</b>			<b>28,443.78</b>			<b>28,602.21</b>	<b>158.43</b>	<b>0.56%</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 Two-Tier RPP (including OCEB)</b>			<b>28,443.78</b>			<b>28,602.21</b>	<b>158.43</b>	<b>0.56%</b>	<b>100.00%</b>

**2016 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	517,000	0.086	44,462.00	517,000	0.086	44,462.00	0.00	0.00%	66.01%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>44,462.00</b>			<b>44,462.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>66.01%</b>
Service Charge	1	1129.23	1,129.23	1	1223.95	1,223.95	94.72	8.39%	1.82%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-32.96	-32.96	1	-43.24	-43.24	-10.28	31.19%	-0.06%
Fixed Deferral/Variance Account Rider	1	6.54	6.54	1	6.5	6.50	-0.04	-0.61%	0.01%
Distribution Volumetric Rate	1,000	1.1227	1,122.70	1,000	1.25	1,250.00	127.30	11.34%	1.86%
Volumetric Smoothing Rider	1,000	-0.0477	-47.70	1,000	-0.063	-63.00	-15.30	32.08%	-0.09%
Volumetric Deferral/Variance Account Rider	1,000	0.1895	189.50	1,000	0.1891	189.10	-0.40	-0.21%	0.28%
<b>Sub-Total: Distribution</b>			<b>2,367.31</b>			<b>2,563.31</b>	<b>196.00</b>	<b>8.28%</b>	<b>3.81%</b>
Retail Transmission Rate – Network Service Rate	1,000	3.5654	3,565.40	1,000	3.5654	3,565.40	0.00	0.00%	5.29%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,000	2.6212	2,621.20	1,000	2.6212	2,621.20	0.00	0.00%	3.89%
<b>Sub-Total: Retail Transmission</b>			<b>6,186.60</b>			<b>6,186.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>9.18%</b>
<b>Sub-Total: Delivery</b>			<b>8,553.91</b>			<b>8,749.91</b>	<b>196.00</b>	<b>2.29%</b>	<b>12.99%</b>
Wholesale Market Service Rate	517,000	0.0044	2,274.80	517,000	0.0044	2,274.80	0.00	0.00%	3.38%
Rural Rate Protection Charge	517,000	0.0012	620.40	517,000	0.0012	620.40	0.00	0.00%	0.92%
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>2,895.45</b>			<b>2,895.45</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.30%</b>
Debt Retirement Charge (DRC)	500,000	0.007	3,500.00	500,000	0.007	3,500.00	0.00	0.00%	5.20%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>59,411.36</b>			<b>59,607.36</b>	<b>196.00</b>	<b>0.33%</b>	<b>88.50%</b>
HST		0.13	7,723.48		0.13	7,748.96	25.48	0.33%	11.50%
<b>Total Bill (including HST)</b>			<b>67,134.84</b>			<b>67,356.32</b>	<b>221.48</b>	<b>0.33%</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>67,134.84</b>			<b>67,356.32</b>	<b>221.48</b>	<b>0.33%</b>	<b>100.00%</b>

**2016 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	4,136,000	0.086	355,696.00	4,136,000	0.086	355,696.00	0.00	0.00%	65.08%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>355,696.00</b>			<b>355,696.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>65.08%</b>
Service Charge	1	1129.23	1,129.23	1	1223.95	1,223.95	94.72	8.39%	0.22%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-32.96	-32.96	1	-43.24	-43.24	-10.28	31.19%	-0.01%
Fixed Deferral/Variance Account Rider	1	6.54	6.54	1	6.5	6.50	-0.04	-0.61%	0.00%
Distribution Volumetric Rate	10,000	1.1227	11,227.00	10,000	1.25	12,500.00	1,273.00	11.34%	2.29%
Volumetric Smoothing Rider	10,000	-0.0477	-477.00	10,000	-0.063	-630.00	-153.00	32.08%	-0.12%
Volumetric Deferral/Variance Account Rider	10,000	0.1895	1,895.00	10,000	0.1891	1,891.00	-4.00	-0.21%	0.35%
<b>Sub-Total: Distribution</b>			<b>13,747.81</b>			<b>14,948.21</b>	<b>1,200.40</b>	<b>8.73%</b>	<b>2.74%</b>
Retail Transmission Rate – Network Service Rate	10,000	3.5654	35,654.00	10,000	3.5654	35,654.00	0.00	0.00%	6.52%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,000	2.6212	26,212.00	10,000	2.6212	26,212.00	0.00	0.00%	4.80%
<b>Sub-Total: Retail Transmission</b>			<b>61,866.00</b>			<b>61,866.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>11.32%</b>
<b>Sub-Total: Delivery</b>			<b>75,613.81</b>			<b>76,814.21</b>	<b>1,200.40</b>	<b>1.59%</b>	<b>14.05%</b>
Wholesale Market Service Rate	4,136,000	0.0044	18,198.40	4,136,000	0.0044	18,198.40	0.00	0.00%	3.33%
Rural Rate Protection Charge	4,136,000	0.0012	4,963.20	4,136,000	0.0012	4,963.20	0.00	0.00%	0.91%
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>23,161.85</b>			<b>23,161.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.24%</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>5.12%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>482,471.66</b>			<b>483,672.06</b>	<b>1,200.40</b>	<b>0.25%</b>	<b>88.50%</b>
HST		0.13	62,721.32		0.13	62,877.37	156.05	0.25%	11.50%
<b>Total Bill (including HST)</b>			<b>545,192.98</b>			<b>546,549.43</b>	<b>1,356.45</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 Two-Tier RPP (including OCEB)</b>			<b>545,192.98</b>			<b>546,549.43</b>	<b>1,356.45</b>	<b>0.25%</b>	<b>100.00%</b>

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

Rate Class	UR
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	105.7
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	24.13%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>24.13%</b>	
TOU-Off Peak	64	0.075	4.80	64	0.075	4.80	0.00	0.00%		13.21%
TOU-Mid Peak	18	0.112	2.02	18	0.112	2.02	0.00	0.00%		5.55%
TOU-On Peak	18	0.135	2.43	18	0.135	2.43	0.00	0.00%		6.69%
<b>Sub-Total: Energy (TOU)</b>			<b>9.25</b>			<b>9.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>25.95%</b>	<b>25.45%</b>
Service Charge	1	21.02	21.02	1	20.68	20.68	-0.34	-1.62%	58.03%	56.92%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-0.98	-0.98	1	-0.30	-0.30	0.68	-69.39%	-0.84%	-0.83%
Fixed Deferral/Variance Account Rider	1	0.24	0.24	1	0.23	0.23	-0.01	-4.17%	0.65%	0.63%
Distribution Volumetric Rate	100	0.0182	1.82	100	0.0179	1.79	-0.03	-1.65%	5.02%	4.93%
Volumetric Smoothing Rider	100	-0.0008	-0.08	100	-0.0003	-0.03	0.05	-62.50%	-0.08%	-0.08%
Volumetric Deferral/Variance Account Rider	100	-0.0001	-0.01	100	-0.0001	-0.01	0.00	0.00%	-0.03%	-0.03%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>22.01</b>			<b>22.36</b>	<b>0.35</b>	<b>1.59%</b>	<b>62.75%</b>	<b>61.55%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	2.22%	2.17%
Line Losses on Cost of Power (based on two-tier RPP prices)	6	0.09	0.49	6	0.09	0.49	0.00	0.00%	1.38%	1.35%
Line Losses on Cost of Power (based on TOU prices)	6	0.09	0.53	6	0.09	0.53	0.00	0.00%	1.48%	1.45%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>23.29</b>			<b>23.64</b>	<b>0.35</b>	<b>1.50%</b>	<b>66.34%</b>	<b>65.07%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>23.33</b>			<b>23.68</b>	<b>0.35</b>	<b>1.50%</b>	<b>66.44%</b>	<b>65.17%</b>
Retail Transmission Rate – Network Service Rate	106	0.0071	0.75	106	0.0071	0.75	0.00	0.00%	2.11%	2.07%
Retail Transmission Rate – Line and Transformation Connection S	106	0.0048	0.51	106	0.0048	0.51	0.00	0.00%	1.42%	1.40%
<b>Sub-Total: Retail Transmission</b>			<b>1.26</b>			<b>1.26</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.53%</b>	<b>3.46%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>24.55</b>			<b>24.90</b>	<b>0.35</b>	<b>1.43%</b>	<b>69.87%</b>	<b>68.53%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>24.58</b>			<b>24.93</b>	<b>0.35</b>	<b>1.42%</b>	<b>69.97%</b>	<b>68.63%</b>
Wholesale Market Service Rate	106	0.0044	0.47	106	0.0044	0.47	0.00	0.00%	1.31%	1.28%
Rural Rate Protection Charge	106	0.0012	0.13	106	0.0012	0.13	0.00	0.00%	0.36%	0.35%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.70%	0.69%
<b>Sub-Total: Regulatory</b>			<b>0.84</b>			<b>0.84</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.36%</b>	<b>2.32%</b>
<b>Debt Retirement Charge (DRC)</b>	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	1.96%	1.93%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>34.69</b>			<b>35.04</b>	<b>0.35</b>	<b>1.01%</b>	<b>98.33%</b>	
HST		0.13	4.51		0.13	4.56	0.05	1.01%	12.78%	
<b>Total Bill (including HST)</b>			<b>39.20</b>			<b>39.60</b>	<b>0.40</b>	<b>1.01%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-3.92		-0.10	-3.96	-0.04	1.01%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>35.28</b>			<b>35.64</b>	<b>0.36</b>	<b>1.01%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>35.37</b>			<b>35.72</b>	<b>0.35</b>	<b>0.99%</b>		<b>98.33%</b>
HST		0.13	4.60		0.13	4.64	0.05	0.99%		12.78%
<b>Total Bill (including HST)</b>			<b>39.97</b>			<b>40.37</b>	<b>0.40</b>	<b>0.99%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-4.00		-0.10	-4.04	-0.04	0.99%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>35.97</b>			<b>36.33</b>	<b>0.36</b>	<b>0.99%</b>		<b>100.00%</b>



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

Rate Class	UR
Monthly Consumption (kWh)	800
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	845.6
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	38.31%	
Energy Second Tier (kWh)	200	0.101	20.20	200	0.101	20.20	0.00	0.00%	15.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>71.80</b>			<b>71.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.30%</b>	
TOU-Off Peak	512	0.075	38.40	512	0.075	38.40	0.00	0.00%		28.13%
TOU-Mid Peak	144	0.112	16.13	144	0.112	16.13	0.00	0.00%		11.81%
TOU-On Peak	144	0.135	19.44	144	0.135	19.44	0.00	0.00%		14.24%
<b>Sub-Total: Energy (TOU)</b>			<b>73.97</b>			<b>73.97</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.91%</b>	<b>54.18%</b>
Service Charge	1	21.02	21.02	1	20.68	20.68	-0.34	-1.62%	15.35%	15.15%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-0.98	-0.98	1	-0.30	-0.30	0.68	-69.39%	-0.22%	-0.22%
Fixed Deferral/Variance Account Rider	1	0.24	0.24	1	0.23	0.23	-0.01	-4.17%	0.17%	0.17%
Distribution Volumetric Rate	800	0.0182	14.56	800	0.0179	14.32	-0.24	-1.65%	10.63%	10.49%
Volumetric Smoothing Rider	800	-0.0008	-0.64	800	-0.0003	-0.24	0.40	-62.50%	-0.18%	-0.18%
Volumetric Deferral/Variance Account Rider	800	-0.0001	-0.08	800	-0.0001	-0.08	0.00	0.00%	-0.06%	-0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>34.12</b>			<b>34.61</b>	<b>0.49</b>	<b>1.44%</b>	<b>25.69%</b>	<b>25.35%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.59%	0.58%
Line Losses on Cost of Power (based on two-tier RPP prices)	46	0.10	4.61	46	0.10	4.61	0.00	0.00%	3.42%	3.37%
Line Losses on Cost of Power (based on TOU prices)	46	0.09	4.22	46	0.09	4.22	0.00	0.00%	3.13%	3.09%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>39.52</b>			<b>40.01</b>	<b>0.49</b>	<b>1.24%</b>	<b>29.70%</b>	<b>29.31%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>39.13</b>			<b>39.62</b>	<b>0.49</b>	<b>1.25%</b>	<b>29.41%</b>	<b>29.02%</b>
Retail Transmission Rate – Network Service Rate	846	0.0071	6.00	846	0.0071	6.00	0.00	0.00%	4.46%	4.40%
Retail Transmission Rate – Line and Transformation Connection S	846	0.0048	4.06	846	0.0048	4.06	0.00	0.00%	3.01%	2.97%
<b>Sub-Total: Retail Transmission</b>			<b>10.06</b>			<b>10.06</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.47%</b>	<b>7.37%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>49.58</b>			<b>50.07</b>	<b>0.49</b>	<b>0.99%</b>	<b>37.17%</b>	<b>36.68%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>49.19</b>			<b>49.68</b>	<b>0.49</b>	<b>1.00%</b>	<b>36.88%</b>	<b>36.39%</b>
Wholesale Market Service Rate	846	0.0044	3.72	846	0.0044	3.72	0.00	0.00%	2.76%	2.73%
Rural Rate Protection Charge	846	0.0012	1.01	846	0.0012	1.01	0.00	0.00%	0.75%	0.74%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.19%	0.18%
<b>Sub-Total: Regulatory</b>			<b>4.99</b>			<b>4.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.70%</b>	<b>3.65%</b>
<b>Debt Retirement Charge (DRC)</b>	800	0.007	5.60	800	0.007	5.60	0.00	0.00%	4.16%	4.10%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>131.96</b>			<b>132.45</b>	<b>0.49</b>	<b>0.37%</b>	<b>98.33%</b>	
HST		0.13	17.16		0.13	17.22	0.06	0.37%	12.78%	
<b>Total Bill (including HST)</b>			<b>149.12</b>			<b>149.67</b>	<b>0.55</b>	<b>0.37%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-14.91		-0.10	-14.97	-0.06	0.37%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>134.21</b>			<b>134.71</b>	<b>0.50</b>	<b>0.37%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>133.74</b>			<b>134.23</b>	<b>0.49</b>	<b>0.37%</b>		<b>98.33%</b>
HST		0.13	17.39		0.13	17.45	0.06	0.37%		12.78%
<b>Total Bill (including HST)</b>			<b>151.13</b>			<b>151.68</b>	<b>0.55</b>	<b>0.37%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-15.11		-0.10	-15.17	-0.06	0.37%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>136.02</b>			<b>136.51</b>	<b>0.50</b>	<b>0.37%</b>		<b>100.00%</b>

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

Rate Class	UR
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	2114
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	16.25%	
Energy Second Tier (kWh)	1,400	0.101	141.40	1,400	0.101	141.40	0.00	0.00%	44.54%	
<b>Sub-Total: Energy (RPP)</b>			<b>193.00</b>			<b>193.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>60.79%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		31.14%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		13.08%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		15.77%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.25%</b>	<b>59.99%</b>
Service Charge	1	21.02	21.02	1	20.68	20.68	-0.34	-1.62%	6.51%	6.71%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-0.98	-0.98	1	-0.30	-0.30	0.68	-69.39%	-0.09%	-0.10%
Fixed Deferral/Variance Account Rider	1	0.24	0.24	1	0.23	0.23	-0.01	-4.17%	0.07%	0.07%
Distribution Volumetric Rate	2,000	0.0182	36.40	2,000	0.0179	35.80	-0.60	-1.65%	11.28%	11.61%
Volumetric Smoothing Rider	2,000	-0.0008	-1.60	2,000	-0.0003	-0.60	1.00	-62.50%	-0.19%	-0.19%
Volumetric Deferral/Variance Account Rider	2,000	-0.0001	-0.20	2,000	-0.0001	-0.20	0.00	0.00%	-0.06%	-0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>54.88</b>			<b>55.61</b>	<b>0.73</b>	<b>1.33%</b>	<b>17.52%</b>	<b>18.04%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.25%	0.26%
Line Losses on Cost of Power (based on two-tier RPP prices)	114	0.10	11.51	114	0.10	11.51	0.00	0.00%	3.63%	3.74%
Line Losses on Cost of Power (based on TOU prices)	114	0.09	10.54	114	0.09	10.54	0.00	0.00%	3.32%	3.42%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>67.18</b>			<b>67.91</b>	<b>0.73</b>	<b>1.09%</b>	<b>21.39%</b>	<b>22.03%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>66.21</b>			<b>66.94</b>	<b>0.73</b>	<b>1.10%</b>	<b>21.09%</b>	<b>21.72%</b>
Retail Transmission Rate – Network Service Rate	2,114	0.0071	15.01	2,114	0.0071	15.01	0.00	0.00%	4.73%	4.87%
Retail Transmission Rate – Line and Transformation Connection S	2,114	0.0048	10.15	2,114	0.0048	10.15	0.00	0.00%	3.20%	3.29%
<b>Sub-Total: Retail Transmission</b>			<b>25.16</b>			<b>25.16</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.92%</b>	<b>8.16%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>92.34</b>			<b>93.07</b>	<b>0.73</b>	<b>0.79%</b>	<b>29.32%</b>	<b>30.19%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>91.37</b>			<b>92.10</b>	<b>0.73</b>	<b>0.80%</b>	<b>29.01%</b>	<b>29.88%</b>
Wholesale Market Service Rate	2,114	0.0044	9.30	2,114	0.0044	9.30	0.00	0.00%	2.93%	3.02%
Rural Rate Protection Charge	2,114	0.0012	2.54	2,114	0.0012	2.54	0.00	0.00%	0.80%	0.82%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Regulatory</b>			<b>12.09</b>			<b>12.09</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.81%</b>	<b>3.92%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	14.00	2,000	0.007	14.00	<b>0.00</b>	<b>0.00%</b>	<b>4.41%</b>	<b>4.54%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>311.43</b>			<b>312.16</b>	<b>0.73</b>	<b>0.23%</b>	<b>98.33%</b>	
HST		0.13	40.49		0.13	40.58	0.09	0.23%	12.78%	
<b>Total Bill (including HST)</b>			<b>351.91</b>			<b>352.74</b>	<b>0.82</b>	<b>0.23%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-35.19		-0.10	-35.27	-0.08	0.23%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>316.72</b>			<b>317.47</b>	<b>0.74</b>	<b>0.23%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>302.38</b>			<b>303.11</b>	<b>0.73</b>	<b>0.24%</b>		<b>98.33%</b>
HST		0.13	39.31		0.13	39.40	0.09	0.24%		12.78%
<b>Total Bill (including HST)</b>			<b>341.68</b>			<b>342.51</b>	<b>0.82</b>	<b>0.24%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-34.17		-0.10	-34.25	-0.08	0.24%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>307.52</b>			<b>308.26</b>	<b>0.74</b>	<b>0.24%</b>		<b>100.00%</b>

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

Rate Class	R1
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	107.6
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	18.80%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>18.80%</b>	
TOU-Off Peak	64	0.075	4.80	64	0.075	4.80	0.00	0.00%		10.33%
TOU-Mid Peak	18	0.112	2.02	18	0.112	2.02	0.00	0.00%		4.34%
TOU-On Peak	18	0.135	2.43	18	0.135	2.43	0.00	0.00%		5.23%
<b>Sub-Total: Energy (TOU)</b>			<b>9.25</b>			<b>9.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>20.21%</b>	<b>19.90%</b>
Service Charge	1	29.44	29.44	1	29.16	29.16	-0.28	-0.95%	63.73%	62.76%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-1.37	-1.37	1	-0.43	-0.43	0.94	-68.61%	-0.94%	-0.93%
Fixed Deferral/Variance Account Rider	1	0.3	0.30	1	0.28	0.28	-0.02	-6.67%	0.61%	0.60%
Distribution Volumetric Rate	100	0.0326	3.26	100	0.0323	3.23	-0.03	-0.92%	7.06%	6.95%
Volumetric Smoothing Rider	100	-0.0015	-0.15	100	-0.0005	-0.05	0.10	-66.67%	-0.11%	-0.11%
Volumetric Deferral/Variance Account Rider	100	0.0000	0.00	100	0.0000	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>31.48</b>			<b>32.19</b>	<b>0.71</b>	<b>2.26%</b>	<b>70.35%</b>	<b>69.28%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.73%	1.70%
Line Losses on Cost of Power (based on two-tier RPP prices)	8	0.09	0.65	8	0.09	0.65	0.00	0.00%	1.43%	1.41%
Line Losses on Cost of Power (based on TOU prices)	8	0.09	0.70	8	0.09	0.70	0.00	0.00%	1.54%	1.51%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>32.92</b>			<b>33.63</b>	<b>0.71</b>	<b>2.16%</b>	<b>73.51%</b>	<b>72.39%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>32.97</b>			<b>33.68</b>	<b>0.71</b>	<b>2.15%</b>	<b>73.61%</b>	<b>72.49%</b>
Retail Transmission Rate – Network Service Rate	108	0.0066	0.71	108	0.0066	0.71	0.00	0.00%	1.55%	1.53%
Retail Transmission Rate – Line and Transformation Connection S	108	0.0046	0.49	108	0.0046	0.49	0.00	0.00%	1.08%	1.07%
<b>Sub-Total: Retail Transmission</b>			<b>1.21</b>			<b>1.21</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.63%</b>	<b>2.59%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>34.13</b>			<b>34.84</b>	<b>0.71</b>	<b>2.08%</b>	<b>76.14%</b>	<b>74.98%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>34.18</b>			<b>34.89</b>	<b>0.71</b>	<b>2.08%</b>	<b>76.25%</b>	<b>75.09%</b>
Wholesale Market Service Rate	108	0.0044	0.47	108	0.0044	0.47	0.00	0.00%	1.03%	1.02%
Rural Rate Protection Charge	108	0.0012	0.13	108	0.0012	0.13	0.00	0.00%	0.28%	0.28%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.55%	0.54%
<b>Sub-Total: Regulatory</b>			<b>0.85</b>			<b>0.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.86%</b>	<b>1.83%</b>
<b>Debt Retirement Charge (DRC)</b>	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	1.53%	1.51%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>44.28</b>			<b>44.99</b>	<b>0.71</b>	<b>1.60%</b>	<b>98.33%</b>	
HST		0.13	5.76		0.13	5.85	0.09	1.60%	12.78%	
<b>Total Bill (including HST)</b>			<b>50.04</b>			<b>50.84</b>	<b>0.80</b>	<b>1.60%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-5.00		-0.10	-5.08	-0.08	1.60%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>45.03</b>			<b>45.76</b>	<b>0.72</b>	<b>1.60%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>44.98</b>			<b>45.69</b>	<b>0.71</b>	<b>1.58%</b>		<b>98.33%</b>
HST		0.13	5.85		0.13	5.94	0.09	1.58%		12.78%
<b>Total Bill (including HST)</b>			<b>50.82</b>			<b>51.63</b>	<b>0.80</b>	<b>1.58%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-5.08		-0.10	-5.16	-0.08	1.58%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>45.74</b>			<b>46.46</b>	<b>0.72</b>	<b>1.58%</b>		<b>100.00%</b>

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

Rate Class	R1
Monthly Consumption (kWh)	800
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	860.8
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	33.06%	
Energy Second Tier (kWh)	200	0.101	20.20	200	0.101	20.20	0.00	0.00%	12.94%	
<b>Sub-Total: Energy (RPP)</b>			<b>71.80</b>			<b>71.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.00%</b>	
TOU-Off Peak	512	0.075	38.40	512	0.075	38.40	0.00	0.00%		24.34%
TOU-Mid Peak	144	0.112	16.13	144	0.112	16.13	0.00	0.00%		10.22%
TOU-On Peak	144	0.135	19.44	144	0.135	19.44	0.00	0.00%		12.32%
<b>Sub-Total: Energy (TOU)</b>			<b>73.97</b>			<b>73.97</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.38%</b>	<b>46.88%</b>
Service Charge	1	29.44	29.44	1	29.16	29.16	-0.28	-0.95%	18.68%	18.48%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-1.37	-1.37	1	-0.43	-0.43	0.94	-68.61%	-0.28%	-0.27%
Fixed Deferral/Variance Account Rider	1	0.3	0.30	1	0.28	0.28	-0.02	-6.67%	0.18%	0.18%
Distribution Volumetric Rate	800	0.0326	26.08	800	0.0323	25.84	-0.24	-0.92%	16.55%	16.38%
Volumetric Smoothing Rider	800	-0.0015	-1.20	800	-0.0005	-0.40	0.80	-66.67%	-0.26%	-0.25%
Volumetric Deferral/Variance Account Rider	800	0.0000	0.00	800	0.0000	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>53.25</b>			<b>54.45</b>	<b>1.20</b>	<b>2.25%</b>	<b>34.88%</b>	<b>34.51%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.51%	0.50%
Line Losses on Cost of Power (based on two-tier RPP prices)	61	0.10	6.14	61	0.10	6.14	0.00	0.00%	3.93%	3.89%
Line Losses on Cost of Power (based on TOU prices)	61	0.09	5.62	61	0.09	5.62	0.00	0.00%	3.60%	3.56%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>60.18</b>			<b>61.38</b>	<b>1.20</b>	<b>1.99%</b>	<b>39.32%</b>	<b>38.90%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>59.66</b>			<b>60.86</b>	<b>1.20</b>	<b>2.01%</b>	<b>38.99%</b>	<b>38.57%</b>
Retail Transmission Rate – Network Service Rate	861	0.0066	5.68	861	0.0066	5.68	0.00	0.00%	3.64%	3.60%
Retail Transmission Rate – Line and Transformation Connection S	861	0.0046	3.96	861	0.0046	3.96	0.00	0.00%	2.54%	2.51%
<b>Sub-Total: Retail Transmission</b>			<b>9.64</b>			<b>9.64</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.18%</b>	<b>6.11%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>69.82</b>			<b>71.02</b>	<b>1.20</b>	<b>1.72%</b>	<b>45.50%</b>	<b>45.01%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>69.30</b>			<b>70.50</b>	<b>1.20</b>	<b>1.73%</b>	<b>45.16%</b>	<b>44.68%</b>
Wholesale Market Service Rate	861	0.0044	3.79	861	0.0044	3.79	0.00	0.00%	2.43%	2.40%
Rural Rate Protection Charge	861	0.0012	1.03	861	0.0012	1.03	0.00	0.00%	0.66%	0.65%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.16%	0.16%
<b>Sub-Total: Regulatory</b>			<b>5.07</b>			<b>5.07</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.25%</b>	<b>3.21%</b>
<b>Debt Retirement Charge (DRC)</b>	800	0.007	5.60	800	0.007	5.60	0.00	0.00%	3.59%	3.55%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>152.29</b>			<b>153.49</b>	<b>1.20</b>	<b>0.79%</b>	<b>98.33%</b>	
HST		0.13	19.80		0.13	19.95	0.16	0.79%	12.78%	
<b>Total Bill (including HST)</b>			<b>172.09</b>			<b>173.45</b>	<b>1.36</b>	<b>0.79%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-17.21		-0.10	-17.34	-0.14	0.79%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>154.88</b>			<b>156.10</b>	<b>1.22</b>	<b>0.79%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>153.94</b>			<b>155.14</b>	<b>1.20</b>	<b>0.78%</b>		<b>98.33%</b>
HST		0.13	20.01		0.13	20.17	0.16	0.78%		12.78%
<b>Total Bill (including HST)</b>			<b>173.95</b>			<b>175.31</b>	<b>1.36</b>	<b>0.78%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-17.40		-0.10	-17.53	-0.14	0.78%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>156.56</b>			<b>157.78</b>	<b>1.22</b>	<b>0.78%</b>		<b>100.00%</b>

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

Rate Class	R1
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	2152
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	14.41%	
Energy Second Tier (kWh)	1,400	0.101	141.40	1,400	0.101	141.40	0.00	0.00%	39.48%	
<b>Sub-Total: Energy (RPP)</b>			<b>193.00</b>			<b>193.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.89%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		27.54%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		11.57%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		13.94%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.63%</b>	<b>53.05%</b>
Service Charge	1	29.44	29.44	1	29.16	29.16	-0.28	-0.95%	8.14%	8.36%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-1.37	-1.37	1	-0.43	-0.43	0.94	-68.61%	-0.12%	-0.12%
Fixed Deferral/Variance Account Rider	1	0.3	0.30	1	0.28	0.28	-0.02	-6.67%	0.08%	0.08%
Distribution Volumetric Rate	2,000	0.0326	65.20	2,000	0.0323	64.60	-0.60	-0.92%	18.04%	18.53%
Volumetric Smoothing Rider	2,000	-0.0015	-3.00	2,000	-0.0005	-1.00	2.00	-66.67%	-0.28%	-0.29%
Volumetric Deferral/Variance Account Rider	2,000	0.0000	0.00	2,000	0.0000	0.00	0.00	0.00%	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>90.57</b>			<b>92.61</b>	<b>2.04</b>	<b>2.25%</b>	<b>25.86%</b>	<b>26.57%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.22%	0.23%
Line Losses on Cost of Power (based on two-tier RPP prices)	152	0.10	15.35	152	0.10	15.35	0.00	0.00%	4.29%	4.40%
Line Losses on Cost of Power (based on TOU prices)	152	0.09	14.05	152	0.09	14.05	0.00	0.00%	3.92%	4.03%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>106.71</b>			<b>108.75</b>	<b>2.04</b>	<b>1.91%</b>	<b>30.37%</b>	<b>31.20%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>105.41</b>			<b>107.45</b>	<b>2.04</b>	<b>1.94%</b>	<b>30.00%</b>	<b>30.82%</b>
Retail Transmission Rate – Network Service Rate	2,152	0.0066	14.20	2,152	0.0066	14.20	0.00	0.00%	3.97%	4.07%
Retail Transmission Rate – Line and Transformation Connection S	2,152	0.0046	9.90	2,152	0.0046	9.90	0.00	0.00%	2.76%	2.84%
<b>Sub-Total: Retail Transmission</b>			<b>24.10</b>			<b>24.10</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.73%</b>	<b>6.91%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>130.81</b>			<b>132.85</b>	<b>2.04</b>	<b>1.56%</b>	<b>37.10%</b>	<b>38.11%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>129.52</b>			<b>131.56</b>	<b>2.04</b>	<b>1.58%</b>	<b>36.73%</b>	<b>37.74%</b>
Wholesale Market Service Rate	2,152	0.0044	9.47	2,152	0.0044	9.47	0.00	0.00%	2.64%	2.72%
Rural Rate Protection Charge	2,152	0.0012	2.58	2,152	0.0012	2.58	0.00	0.00%	0.72%	0.74%
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>12.30</b>			<b>12.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.43%</b>	<b>3.53%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	3.91%	4.02%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>350.12</b>			<b>352.16</b>	<b>2.04</b>	<b>0.58%</b>	<b>98.33%</b>	
HST		0.13	45.52		0.13	45.78	0.27	0.58%	12.78%	
<b>Total Bill (including HST)</b>			<b>395.63</b>			<b>397.94</b>	<b>2.31</b>	<b>0.58%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-39.56		-0.10	-39.79	-0.23	0.58%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>356.07</b>			<b>358.14</b>	<b>2.07</b>	<b>0.58%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>340.74</b>			<b>342.78</b>	<b>2.04</b>	<b>0.60%</b>		<b>98.33%</b>
HST		0.13	44.30		0.13	44.56	0.27	0.60%	12.78%	
<b>Total Bill (including HST)</b>			<b>385.03</b>			<b>387.34</b>	<b>2.31</b>	<b>0.60%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-38.50		-0.10	-38.73	-0.23	0.60%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>346.53</b>			<b>348.60</b>	<b>2.07</b>	<b>0.60%</b>		<b>100.00%</b>

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

Rate Class	R2
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	110.5
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	13.46%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>13.46%</b>	
TOU-Off Peak	64	0.075	4.80	64	0.075	4.80	0.00	0.00%		7.43%
TOU-Mid Peak	18	0.112	2.02	18	0.112	2.02	0.00	0.00%		3.12%
TOU-On Peak	18	0.135	2.43	18	0.135	2.43	0.00	0.00%		3.76%
<b>Sub-Total: Energy (TOU)</b>			<b>9.25</b>			<b>9.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>14.47%</b>	<b>14.31%</b>
Service Charge	1	42.74	42.74	1	45.19	45.19	2.45	5.73%	70.71%	69.92%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-3.41	-3.41	1	-1.11	-1.11	2.30	-67.45%	-1.74%	-1.72%
Fixed Deferral/Variance Account Rider	1	0.58	0.58	1	0.58	0.58	0.00	0.00%	0.91%	0.90%
Distribution Volumetric Rate	100	0.0497	4.97	100	0.0517	5.17	0.20	4.02%	8.09%	8.00%
Volumetric Smoothing Rider	100	-0.0023	-0.23	100	-0.0008	-0.08	0.15	-65.22%	-0.13%	-0.12%
Volumetric Deferral/Variance Account Rider	100	0.0001	0.01	100	0.0001	0.01	0.00	0.00%	0.02%	0.02%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>44.66</b>			<b>49.76</b>	<b>5.10</b>	<b>11.42%</b>	<b>77.86%</b>	<b>76.99%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.24%	1.22%
Line Losses on Cost of Power (based on two-tier RPP prices)	11	0.09	0.90	11	0.09	0.90	0.00	0.00%	1.41%	1.40%
Line Losses on Cost of Power (based on TOU prices)	11	0.09	0.97	11	0.09	0.97	0.00	0.00%	1.52%	1.50%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>46.35</b>			<b>51.45</b>	<b>5.10</b>	<b>11.00%</b>	<b>80.51%</b>	<b>79.61%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>46.42</b>			<b>51.52</b>	<b>5.10</b>	<b>10.99%</b>	<b>80.62%</b>	<b>79.71%</b>
Retail Transmission Rate – Network Service Rate	111	0.0065	0.72	111	0.0065	0.72	0.00	0.00%	1.12%	1.11%
Retail Transmission Rate – Line and Transformation Connection S	111	0.0045	0.50	111	0.0045	0.50	0.00	0.00%	0.78%	0.77%
<b>Sub-Total: Retail Transmission</b>			<b>1.22</b>			<b>1.22</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.90%</b>	<b>1.88%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>47.57</b>			<b>52.67</b>	<b>5.10</b>	<b>10.72%</b>	<b>82.42%</b>	<b>81.49%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>47.64</b>			<b>52.74</b>	<b>5.10</b>	<b>10.71%</b>	<b>82.52%</b>	<b>81.60%</b>
Wholesale Market Service Rate	111	0.0044	0.49	111	0.0044	0.49	0.00	0.00%	0.76%	0.75%
Rural Rate Protection Charge	111	0.0012	0.13	111	0.0012	0.13	0.00	0.00%	0.21%	0.21%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.39%	0.39%
<b>Sub-Total: Regulatory</b>			<b>0.87</b>			<b>0.87</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.36%</b>	<b>1.34%</b>
<b>Debt Retirement Charge (DRC)</b>	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	1.10%	1.08%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>57.74</b>			<b>62.84</b>	<b>5.10</b>	<b>8.83%</b>	<b>98.33%</b>	
HST		0.13	7.51		0.13	8.17	0.66	8.83%	12.78%	
<b>Total Bill (including HST)</b>			<b>65.24</b>			<b>71.01</b>	<b>5.76</b>	<b>8.83%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-6.52		-0.10	-7.10	-0.58	8.83%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>58.72</b>			<b>63.91</b>	<b>5.19</b>	<b>8.83%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>58.45</b>			<b>63.55</b>	<b>5.10</b>	<b>8.73%</b>		<b>98.33%</b>
HST		0.13	7.60		0.13	8.26	0.66	8.73%		12.78%
<b>Total Bill (including HST)</b>			<b>66.05</b>			<b>71.81</b>	<b>5.76</b>	<b>8.73%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-6.60		-0.10	-7.18	-0.58	8.73%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>59.44</b>			<b>64.63</b>	<b>5.19</b>	<b>8.73%</b>		<b>100.00%</b>



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

Rate Class	R2
Monthly Consumption (kWh)	800
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	884
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	27.12%	
Energy Second Tier (kWh)	200	0.101	20.20	200	0.101	20.20	0.00	0.00%	10.62%	
<b>Sub-Total: Energy (RPP)</b>			<b>71.80</b>			<b>71.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>37.74%</b>	
TOU-Off Peak	512	0.075	38.40	512	0.075	38.40	0.00	0.00%		20.03%
TOU-Mid Peak	144	0.112	16.13	144	0.112	16.13	0.00	0.00%		8.41%
TOU-On Peak	144	0.135	19.44	144	0.135	19.44	0.00	0.00%		10.14%
<b>Sub-Total: Energy (TOU)</b>			<b>73.97</b>			<b>73.97</b>	<b>0.00</b>	<b>0.00%</b>	<b>38.88%</b>	<b>38.58%</b>
Service Charge	1	42.74	42.74	1	45.19	45.19	2.45	5.73%	23.75%	23.57%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-3.41	-3.41	1	-1.11	-1.11	2.30	-67.45%	-0.58%	-0.58%
Fixed Deferral/Variance Account Rider	1	0.58	0.58	1	0.58	0.58	0.00	0.00%	0.30%	0.30%
Distribution Volumetric Rate	800	0.0497	39.76	800	0.0517	41.36	1.60	4.02%	21.74%	21.57%
Volumetric Smoothing Rider	800	-0.0023	-1.84	800	-0.0008	-0.64	1.20	-65.22%	-0.34%	-0.33%
Volumetric Deferral/Variance Account Rider	800	0.0001	0.08	800	0.0001	0.08	0.00	0.00%	0.04%	0.04%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>77.91</b>			<b>85.46</b>	<b>7.55</b>	<b>9.69%</b>	<b>44.92%</b>	<b>44.58%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.42%	0.41%
Line Losses on Cost of Power (based on two-tier RPP prices)	84	0.10	8.48	84	0.10	8.48	0.00	0.00%	4.46%	4.43%
Line Losses on Cost of Power (based on TOU prices)	84	0.09	7.77	84	0.09	7.77	0.00	0.00%	4.08%	4.05%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>87.18</b>			<b>94.73</b>	<b>7.55</b>	<b>8.66%</b>	<b>49.80%</b>	<b>49.41%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>86.47</b>			<b>94.02</b>	<b>7.55</b>	<b>8.73%</b>	<b>49.42%</b>	<b>49.04%</b>
Retail Transmission Rate – Network Service Rate	884	0.0065	5.75	884	0.0065	5.75	0.00	0.00%	3.02%	3.00%
Retail Transmission Rate – Line and Transformation Connection S	884	0.0045	3.98	884	0.0045	3.98	0.00	0.00%	2.09%	2.07%
<b>Sub-Total: Retail Transmission</b>			<b>9.72</b>			<b>9.72</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.11%</b>	<b>5.07%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>96.91</b>			<b>104.46</b>	<b>7.55</b>	<b>7.79%</b>	<b>54.91%</b>	<b>54.49%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>96.19</b>			<b>103.74</b>	<b>7.55</b>	<b>7.85%</b>	<b>54.53%</b>	<b>54.11%</b>
Wholesale Market Service Rate	884	0.0044	3.89	884	0.0044	3.89	0.00	0.00%	2.04%	2.03%
Rural Rate Protection Charge	884	0.0012	1.06	884	0.0012	1.06	0.00	0.00%	0.56%	0.55%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.13%	0.13%
<b>Sub-Total: Regulatory</b>			<b>5.20</b>			<b>5.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.73%</b>	<b>2.71%</b>
<b>Debt Retirement Charge (DRC)</b>	800	0.007	5.60	800	0.007	5.60	0.00	0.00%	2.94%	2.92%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>179.51</b>			<b>187.06</b>	<b>7.55</b>	<b>4.21%</b>	<b>98.33%</b>	
HST		0.13	23.34		0.13	24.32	0.98	4.21%	12.78%	
<b>Total Bill (including HST)</b>			<b>202.84</b>			<b>211.38</b>	<b>8.53</b>	<b>4.21%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-20.28		-0.10	-21.14	-0.85	4.21%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>182.56</b>			<b>190.24</b>	<b>7.68</b>	<b>4.21%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>180.96</b>			<b>188.51</b>	<b>7.55</b>	<b>4.17%</b>		<b>98.33%</b>
HST		0.13	23.52		0.13	24.51	0.98	4.17%		12.78%
<b>Total Bill (including HST)</b>			<b>204.48</b>			<b>213.02</b>	<b>8.53</b>	<b>4.17%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-20.45		-0.10	-21.30	-0.85	4.17%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>184.04</b>			<b>191.71</b>	<b>7.68</b>	<b>4.17%</b>		<b>100.00%</b>

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

Rate Class	R2
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	2210
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	12.30%	
Energy Second Tier (kWh)	1,400	0.101	141.40	1,400	0.101	141.40	0.00	0.00%	33.70%	
<b>Sub-Total: Energy (RPP)</b>			<b>193.00</b>			<b>193.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.00%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		23.44%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		9.84%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		11.87%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>44.07%</b>	<b>45.15%</b>
Service Charge	1	42.74	42.74	1	45.19	45.19	2.45	5.73%	10.77%	11.03%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-3.41	-3.41	1	-1.11	-1.11	2.30	-67.45%	-0.26%	-0.27%
Fixed Deferral/Variance Account Rider	1	0.58	0.58	1	0.58	0.58	0.00	0.00%	0.14%	0.14%
Distribution Volumetric Rate	2,000	0.0497	99.40	2,000	0.0517	103.40	4.00	4.02%	24.64%	25.25%
Volumetric Smoothing Rider	2,000	-0.0023	-4.60	2,000	-0.0008	-1.60	3.00	-65.22%	-0.38%	-0.39%
Volumetric Deferral/Variance Account Rider	2,000	0.0001	0.20	2,000	0.0001	0.20	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>134.91</b>			<b>146.66</b>	<b>11.75</b>	<b>8.71%</b>	<b>34.95%</b>	<b>35.81%</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)	210	0.10	21.21	210	0.10	21.21	0.00	0.00%	5.05%	5.18%
Line Losses on Cost of Power (based on TOU prices)	210	0.09	19.42	210	0.09	19.42	0.00	0.00%	4.63%	4.74%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>156.91</b>			<b>168.66</b>	<b>11.75</b>	<b>7.49%</b>	<b>40.19%</b>	<b>41.18%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>155.12</b>			<b>166.87</b>	<b>11.75</b>	<b>7.57%</b>	<b>39.77%</b>	<b>40.74%</b>
Retail Transmission Rate – Network Service Rate	2,210	0.0065	14.37	2,210	0.0065	14.37	0.00	0.00%	3.42%	3.51%
Retail Transmission Rate – Line and Transformation Connection S	2,210	0.0045	9.95	2,210	0.0045	9.95	0.00	0.00%	2.37%	2.43%
<b>Sub-Total: Retail Transmission</b>			<b>24.31</b>			<b>24.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.79%</b>	<b>5.94%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>181.22</b>			<b>192.97</b>	<b>11.75</b>	<b>6.48%</b>	<b>45.99%</b>	<b>47.12%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>179.43</b>			<b>191.18</b>	<b>11.75</b>	<b>6.55%</b>	<b>45.56%</b>	<b>46.68%</b>
Wholesale Market Service Rate	2,210	0.0044	9.72	2,210	0.0044	9.72	0.00	0.00%	2.32%	2.37%
Rural Rate Protection Charge	2,210	0.0012	2.65	2,210	0.0012	2.65	0.00	0.00%	0.63%	0.65%
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>12.63</b>			<b>12.63</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.01%</b>	<b>3.08%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	3.34%	3.42%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>400.85</b>			<b>412.60</b>	<b>11.75</b>	<b>2.93%</b>	<b>98.33%</b>	
HST		0.13	52.11		0.13	53.64	1.53	2.93%	12.78%	
<b>Total Bill (including HST)</b>			<b>452.96</b>			<b>466.23</b>	<b>13.28</b>	<b>2.93%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-45.30		-0.10	-46.62	-1.33	2.93%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>407.66</b>			<b>419.61</b>	<b>11.95</b>	<b>2.93%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>390.97</b>			<b>402.72</b>	<b>11.75</b>	<b>3.01%</b>		<b>98.33%</b>
HST		0.13	50.83		0.13	52.35	1.53	3.01%		12.78%
<b>Total Bill (including HST)</b>			<b>441.80</b>			<b>455.08</b>	<b>13.28</b>	<b>3.01%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-44.18		-0.10	-45.51	-1.33	3.01%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>397.62</b>			<b>409.57</b>	<b>11.95</b>	<b>3.01%</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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	50	0.086	4.30	50	0.086	4.30	0.00	0.00%	10.19%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>4.30</b>			<b>4.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>10.19%</b>	
TOU-Off Peak	32	0.075	2.40	32	0.075	2.40	0.00	0.00%		5.64%
TOU-Mid Peak	9	0.112	1.01	9	0.112	1.01	0.00	0.00%		2.37%
TOU-On Peak	9	0.135	1.22	9	0.135	1.22	0.00	0.00%		2.85%
<b>Sub-Total: Energy (TOU)</b>			<b>4.62</b>			<b>4.62</b>	<b>0.00</b>	<b>0.00%</b>	<b>10.95%</b>	<b>10.86%</b>
Service Charge	1	28.45	28.45	1	29.63	29.63	1.18	4.15%	70.21%	69.61%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-1.33	-1.33	1	-0.43	-0.43	0.90	-67.67%	-1.02%	-1.01%
Fixed Deferral/Variance Account Rider	1	0.28	0.28	1	0.28	0.28	0.00	0.00%	0.66%	0.66%
Distribution Volumetric Rate	50	0.0978	4.89	50	0.1019	5.10	0.21	4.19%	12.07%	11.97%
Volumetric Smoothing Rider	50	-0.0046	-0.23	50	-0.0015	-0.08	0.16	-67.39%	-0.18%	-0.18%
Volumetric Deferral/Variance Account Rider	50	0.0004	0.02	50	0.0004	0.02	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>32.08</b>			<b>34.52</b>	<b>2.44</b>	<b>7.61%</b>	<b>81.80%</b>	<b>81.10%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.87%	1.86%
Line Losses on Cost of Power (based on two-tier RPP prices)	5	0.09	0.45	5	0.09	0.45	0.00	0.00%	1.06%	1.05%
Line Losses on Cost of Power (based on TOU prices)	5	0.09	0.48	5	0.09	0.48	0.00	0.00%	1.14%	1.13%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>33.32</b>			<b>35.76</b>	<b>2.44</b>	<b>7.32%</b>	<b>84.73%</b>	<b>84.01%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>33.35</b>			<b>35.79</b>	<b>2.44</b>	<b>7.32%</b>	<b>84.81%</b>	<b>84.09%</b>
Retail Transmission Rate – Network Service Rate	55	0.0053	0.29	55	0.0053	0.29	0.00	0.00%	0.69%	0.69%
Retail Transmission Rate – Line and Transformation Connection S	55	0.0043	0.24	55	0.0043	0.24	0.00	0.00%	0.56%	0.56%
<b>Sub-Total: Retail Transmission</b>			<b>0.53</b>			<b>0.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.26%</b>	<b>1.24%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>33.85</b>			<b>36.29</b>	<b>2.44</b>	<b>7.21%</b>	<b>85.99%</b>	<b>85.25%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>33.88</b>			<b>36.32</b>	<b>2.44</b>	<b>7.20%</b>	<b>86.06%</b>	<b>85.33%</b>
Wholesale Market Service Rate	55	0.0044	0.24	55	0.0044	0.24	0.00	0.00%	0.58%	0.57%
Rural Rate Protection Charge	55	0.0012	0.07	55	0.0012	0.07	0.00	0.00%	0.16%	0.16%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.59%	0.59%
<b>Sub-Total: Regulatory</b>			<b>0.56</b>			<b>0.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.32%</b>	<b>1.31%</b>
<b>Debt Retirement Charge (DRC)</b>	50	0.007	0.35	50	0.007	0.35	0.00	0.00%	0.83%	0.82%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>39.06</b>			<b>41.50</b>	<b>2.44</b>	<b>6.25%</b>	<b>98.33%</b>	
HST		0.13	5.08		0.13	5.39	0.32	6.25%	12.78%	
<b>Total Bill (including HST)</b>			<b>44.13</b>			<b>46.89</b>	<b>2.76</b>	<b>6.25%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-4.41		-0.10	-4.69	-0.28	6.25%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>39.72</b>			<b>42.20</b>	<b>2.48</b>	<b>6.25%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>39.41</b>			<b>41.85</b>	<b>2.44</b>	<b>6.19%</b>		<b>98.33%</b>
HST		0.13	5.12		0.13	5.44	0.32	6.19%		12.78%
<b>Total Bill (including HST)</b>			<b>44.54</b>			<b>47.29</b>	<b>2.76</b>	<b>6.19%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-4.45		-0.10	-4.73	-0.28	6.19%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>40.08</b>			<b>42.56</b>	<b>2.48</b>	<b>6.19%</b>		<b>100.00%</b>

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

Rate Class	Seasonal
Monthly Consumption (kWh)	400
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	441.6
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	400	0.086	34.40	400	0.086	34.40	0.00	0.00%	28.59%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>34.40</b>			<b>34.40</b>	<b>0.00</b>	<b>0.00%</b>	<b>28.59%</b>	
TOU-Off Peak	256	0.075	19.20	256	0.075	19.20	0.00	0.00%		15.58%
TOU-Mid Peak	72	0.112	8.06	72	0.112	8.06	0.00	0.00%		6.54%
TOU-On Peak	72	0.135	9.72	72	0.135	9.72	0.00	0.00%		7.89%
<b>Sub-Total: Energy (TOU)</b>			<b>36.98</b>			<b>36.98</b>	<b>0.00</b>	<b>0.00%</b>	<b>30.73%</b>	<b>30.01%</b>
Service Charge	1	28.45	28.45	1	29.63	29.63	1.18	4.15%	24.62%	24.04%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-1.33	-1.33	1	-0.43	-0.43	0.90	-67.67%	-0.36%	-0.35%
Fixed Deferral/Variance Account Rider	1	0.28	0.28	1	0.28	0.28	0.00	0.00%	0.23%	0.23%
Distribution Volumetric Rate	400	0.0978	39.12	400	0.1019	40.76	1.64	4.19%	33.87%	33.07%
Volumetric Smoothing Rider	400	-0.0046	-1.84	400	-0.0015	-0.60	1.24	-67.39%	-0.50%	-0.49%
Volumetric Deferral/Variance Account Rider	400	0.0004	0.16	400	0.0004	0.16	0.00	0.00%	0.13%	0.13%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>64.84</b>			<b>69.80</b>	<b>4.96</b>	<b>7.65%</b>	<b>58.00%</b>	<b>56.64%</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)	42	0.09	3.58	42	0.09	3.58	0.00	0.00%	2.97%	2.90%
Line Losses on Cost of Power (based on TOU prices)	42	0.09	3.85	42	0.09	3.85	0.00	0.00%	3.20%	3.12%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>69.21</b>			<b>74.17</b>	<b>4.96</b>	<b>7.17%</b>	<b>61.63%</b>	<b>60.18%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>69.48</b>			<b>74.44</b>	<b>4.96</b>	<b>7.14%</b>	<b>61.85%</b>	<b>60.40%</b>
Retail Transmission Rate – Network Service Rate	442	0.0053	2.34	442	0.0053	2.34	0.00	0.00%	1.94%	1.90%
Retail Transmission Rate – Line and Transformation Connection	442	0.0043	1.90	442	0.0043	1.90	0.00	0.00%	1.58%	1.54%
<b>Sub-Total: Retail Transmission</b>			<b>4.24</b>			<b>4.24</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.52%</b>	<b>3.44%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>73.45</b>			<b>78.41</b>	<b>4.96</b>	<b>6.75%</b>	<b>65.15%</b>	<b>63.62%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>73.72</b>			<b>78.68</b>	<b>4.96</b>	<b>6.73%</b>	<b>65.38%</b>	<b>63.84%</b>
Wholesale Market Service Rate	442	0.0044	1.94	442	0.0044	1.94	0.00	0.00%	1.61%	1.58%
Rural Rate Protection Charge	442	0.0012	0.53	442	0.0012	0.53	0.00	0.00%	0.44%	0.43%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.21%	0.20%
<b>Sub-Total: Regulatory</b>			<b>2.72</b>			<b>2.72</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.26%</b>	<b>2.21%</b>
Debt Retirement Charge (DRC)	400	0.007	2.80	400	0.007	2.80	0.00	0.00%	2.33%	2.27%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>113.37</b>			<b>118.33</b>	<b>4.96</b>	<b>4.38%</b>	<b>98.33%</b>	
HST		0.13	14.74		0.13	15.38	0.64	4.38%	12.78%	
<b>Total Bill (including HST)</b>			<b>128.11</b>			<b>133.71</b>	<b>5.60</b>	<b>4.38%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-12.81		-0.10	-13.37	-0.56	4.38%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>115.30</b>			<b>120.34</b>	<b>5.04</b>	<b>4.38%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>116.22</b>			<b>121.18</b>	<b>4.96</b>	<b>4.27%</b>		<b>98.33%</b>
HST		0.13	15.11		0.13	15.75	0.64	4.27%		12.78%
<b>Total Bill (including HST)</b>			<b>131.33</b>			<b>136.94</b>	<b>5.60</b>	<b>4.27%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-13.13		-0.10	-13.69	-0.56	4.27%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>118.20</b>			<b>123.24</b>	<b>5.04</b>	<b>4.27%</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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	19.70%	
Energy Second Tier (kWh)	400	0.101	40.40	400	0.101	40.40	0.00	0.00%	15.42%	
<b>Sub-Total: Energy (RPP)</b>			<b>92.00</b>			<b>92.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>35.12%</b>	
TOU-Off Peak	640	0.075	48.00	640	0.075	48.00	0.00	0.00%		18.35%
TOU-Mid Peak	180	0.112	20.16	180	0.112	20.16	0.00	0.00%		7.71%
TOU-On Peak	180	0.135	24.30	180	0.135	24.30	0.00	0.00%		9.29%
<b>Sub-Total: Energy (TOU)</b>			<b>92.46</b>			<b>92.46</b>	<b>0.00</b>	<b>0.00%</b>	<b>35.29%</b>	<b>35.35%</b>
Service Charge	1	28.45	28.45	1	29.63	29.63	1.18	4.15%	11.31%	11.33%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-1.33	-1.33	1	-0.43	-0.43	0.90	-67.67%	-0.16%	-0.16%
Fixed Deferral/Variance Account Rider	1	0.28	0.28	1	0.28	0.28	0.00	0.00%	0.11%	0.11%
Distribution Volumetric Rate	1,000	0.0978	97.80	1,000	0.1019	101.90	4.10	4.19%	38.90%	38.96%
Volumetric Smoothing Rider	1,000	-0.0046	-4.60	1,000	-0.0015	-1.50	3.10	-67.39%	-0.57%	-0.57%
Volumetric Deferral/Variance Account Rider	1,000	0.0004	0.40	1,000	0.0004	0.40	0.00	0.00%	0.15%	0.15%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>121.00</b>			<b>130.28</b>	<b>9.28</b>	<b>7.67%</b>	<b>49.73%</b>	<b>49.81%</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)	104	0.10	10.50	104	0.10	10.50	0.00	0.00%	4.01%	4.02%
Line Losses on Cost of Power (based on TOU prices)	104	0.09	9.62	104	0.09	9.62	0.00	0.00%	3.67%	3.68%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>132.29</b>			<b>141.57</b>	<b>9.28</b>	<b>7.01%</b>	<b>54.04%</b>	<b>54.13%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>131.41</b>			<b>140.69</b>	<b>9.28</b>	<b>7.06%</b>	<b>53.70%</b>	<b>53.79%</b>
Retail Transmission Rate – Network Service Rate	1,104	0.0053	5.85	1,104	0.0053	5.85	0.00	0.00%	2.23%	2.24%
Retail Transmission Rate – Line and Transformation Connection S	1,104	0.0043	4.75	1,104	0.0043	4.75	0.00	0.00%	1.81%	1.82%
<b>Sub-Total: Retail Transmission</b>			<b>10.60</b>			<b>10.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.05%</b>	<b>4.05%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>142.89</b>			<b>152.17</b>	<b>9.28</b>	<b>6.49%</b>	<b>58.08%</b>	<b>58.18%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>142.00</b>			<b>151.28</b>	<b>9.28</b>	<b>6.54%</b>	<b>57.75%</b>	<b>57.84%</b>
Wholesale Market Service Rate	1,104	0.0044	4.86	1,104	0.0044	4.86	0.00	0.00%	1.85%	1.86%
Rural Rate Protection Charge	1,104	0.0012	1.32	1,104	0.0012	1.32	0.00	0.00%	0.51%	0.51%
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>6.43</b>			<b>6.43</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.46%</b>	<b>2.46%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	2.67%	2.68%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>248.32</b>			<b>257.60</b>	<b>9.28</b>	<b>3.74%</b>	<b>98.33%</b>	
HST		0.13	32.28		0.13	33.49	1.21	3.74%	12.78%	
<b>Total Bill (including HST)</b>			<b>280.61</b>			<b>291.09</b>	<b>10.49</b>	<b>3.74%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-28.06		-0.10	-29.11	-1.05	3.74%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>252.55</b>			<b>261.98</b>	<b>9.44</b>	<b>3.74%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>247.90</b>			<b>257.18</b>	<b>9.28</b>	<b>3.74%</b>		<b>98.33%</b>
HST		0.13	32.23		0.13	33.43	1.21	3.74%		12.78%
<b>Total Bill (including HST)</b>			<b>280.12</b>			<b>290.61</b>	<b>10.49</b>	<b>3.74%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-28.01		-0.10	-29.06	-1.05	3.74%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>252.11</b>			<b>261.55</b>	<b>9.44</b>	<b>3.74%</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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	29.43%	
Energy Second Tier (kWh)	250	0.101	25.25	250	0.101	25.25	0.00	0.00%	11.52%	
<b>Sub-Total: Energy (RPP)</b>			<b>89.75</b>			<b>89.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>40.95%</b>	
TOU-Off Peak	640	0.075	48.00	640	0.075	48.00	0.00	0.00%		21.71%
TOU-Mid Peak	180	0.112	20.16	180	0.112	20.16	0.00	0.00%		9.12%
TOU-On Peak	180	0.135	24.30	180	0.135	24.30	0.00	0.00%		10.99%
<b>Sub-Total: Energy (TOU)</b>			<b>92.46</b>			<b>92.46</b>	<b>0.00</b>	<b>0.00%</b>	<b>42.19%</b>	<b>41.82%</b>
Service Charge	1	32.32	32.32	1	33.27	33.27	0.95	2.94%	15.18%	15.05%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-1.51	-1.51	1	-0.49	-0.49	1.02	-67.55%	-0.22%	-0.22%
Fixed Deferral/Variance Account Rider	1	0.3	0.30	1	0.30	0.30	0.00	0.00%	0.14%	0.14%
Distribution Volumetric Rate	1,000	0.0576	57.60	1,000	0.0593	59.30	1.70	2.95%	27.06%	26.82%
Volumetric Smoothing Rider	1,000	-0.0027	-2.70	1,000	-0.0009	-0.90	1.80	-66.67%	-0.41%	-0.41%
Volumetric Deferral/Variance Account Rider	1,000	0.0001	0.10	1,000	0.0001	0.10	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>86.11</b>			<b>91.58</b>	<b>5.47</b>	<b>6.35%</b>	<b>41.78%</b>	<b>41.42%</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)	96	0.10	9.70	96	0.10	9.70	0.00	0.00%	4.42%	4.39%
Line Losses on Cost of Power (based on TOU prices)	96	0.09	8.88	96	0.09	8.88	0.00	0.00%	4.05%	4.01%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>96.60</b>			<b>102.07</b>	<b>5.47</b>	<b>5.66%</b>	<b>46.57%</b>	<b>46.16%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>95.78</b>			<b>101.25</b>	<b>5.47</b>	<b>5.71%</b>	<b>46.20%</b>	<b>45.79%</b>
Retail Transmission Rate – Network Service Rate	1,096	0.0058	6.36	1,096	0.0058	6.36	0.00	0.00%	2.90%	2.88%
Retail Transmission Rate – Line and Transformation Connection S	1,096	0.0036	3.95	1,096	0.0036	3.95	0.00	0.00%	1.80%	1.78%
<b>Sub-Total: Retail Transmission</b>			<b>10.30</b>			<b>10.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.70%</b>	<b>4.66%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>106.90</b>			<b>112.37</b>	<b>5.47</b>	<b>5.12%</b>	<b>51.27%</b>	<b>50.82%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>106.08</b>			<b>111.55</b>	<b>5.47</b>	<b>5.16%</b>	<b>50.90%</b>	<b>50.45%</b>
Wholesale Market Service Rate	1,096	0.0044	4.82	1,096	0.0044	4.82	0.00	0.00%	2.20%	2.18%
Rural Rate Protection Charge	1,096	0.0012	1.32	1,096	0.0012	1.32	0.00	0.00%	0.60%	0.59%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.11%	0.11%
<b>Sub-Total: Regulatory</b>			<b>6.39</b>			<b>6.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.91%</b>	<b>2.89%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	3.19%	3.17%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>210.04</b>			<b>215.51</b>	<b>5.47</b>	<b>2.60%</b>	<b>98.33%</b>	
HST		0.13	27.30		0.13	28.02	0.71	2.60%	12.78%	
<b>Total Bill (including HST)</b>			<b>237.34</b>			<b>243.52</b>	<b>6.18</b>	<b>2.60%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-23.73		-0.10	-24.35	-0.62	2.60%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>213.61</b>			<b>219.17</b>	<b>5.56</b>	<b>2.60%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>211.93</b>			<b>217.40</b>	<b>5.47</b>	<b>2.58%</b>		<b>98.33%</b>
HST		0.13	27.55		0.13	28.26	0.71	2.58%		12.78%
<b>Total Bill (including HST)</b>			<b>239.48</b>			<b>245.66</b>	<b>6.18</b>	<b>2.58%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-23.95		-0.10	-24.57	-0.62	2.58%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>215.53</b>			<b>221.09</b>	<b>5.56</b>	<b>2.58%</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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	15.54%	
Energy Second Tier (kWh)	1,250	0.101	126.25	1,250	0.101	126.25	0.00	0.00%	30.42%	
<b>Sub-Total: Energy (RPP)</b>			<b>190.75</b>			<b>190.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.95%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		23.56%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		9.89%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		11.93%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>44.55%</b>	<b>45.38%</b>
Service Charge	1	32.32	32.32	1	33.27	33.27	0.95	2.94%	8.02%	8.16%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-1.51	-1.51	1	-0.49	-0.49	1.02	-67.55%	-0.12%	-0.12%
Fixed Deferral/Variance Account Rider	1	0.3	0.30	1	0.30	0.30	0.00	0.00%	0.07%	0.07%
Distribution Volumetric Rate	2,000	0.0576	115.20	2,000	0.0593	118.60	3.40	2.95%	28.57%	29.11%
Volumetric Smoothing Rider	2,000	-0.0027	-5.40	2,000	-0.0009	-1.80	3.60	-66.67%	-0.43%	-0.44%
Volumetric Deferral/Variance Account Rider	2,000	0.0001	0.20	2,000	0.0001	0.20	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>141.11</b>			<b>150.08</b>	<b>8.97</b>	<b>6.36%</b>	<b>36.16%</b>	<b>36.83%</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)	192	0.10	19.39	192	0.10	19.39	0.00	0.00%	4.67%	4.76%
Line Losses on Cost of Power (based on TOU prices)	192	0.09	17.75	192	0.09	17.75	0.00	0.00%	4.28%	4.36%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>161.29</b>			<b>170.26</b>	<b>8.97</b>	<b>5.56%</b>	<b>41.02%</b>	<b>41.78%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>159.65</b>			<b>168.62</b>	<b>8.97</b>	<b>5.62%</b>	<b>40.62%</b>	<b>41.38%</b>
Retail Transmission Rate – Network Service Rate	2,192	0.0058	12.71	2,192	0.0058	12.71	0.00	0.00%	3.06%	3.12%
Retail Transmission Rate – Line and Transformation Connection S	2,192	0.0036	7.89	2,192	0.0036	7.89	0.00	0.00%	1.90%	1.94%
<b>Sub-Total: Retail Transmission</b>			<b>20.60</b>			<b>20.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.96%</b>	<b>5.06%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>181.90</b>			<b>190.87</b>	<b>8.97</b>	<b>4.93%</b>	<b>45.98%</b>	<b>46.84%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>180.26</b>			<b>189.23</b>	<b>8.97</b>	<b>4.98%</b>	<b>45.59%</b>	<b>46.44%</b>
Wholesale Market Service Rate	2,192	0.0044	9.64	2,192	0.0044	9.64	0.00	0.00%	2.32%	2.37%
Rural Rate Protection Charge	2,192	0.0012	2.63	2,192	0.0012	2.63	0.00	0.00%	0.63%	0.65%
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>12.53</b>			<b>12.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.02%</b>	<b>3.07%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	3.37%	3.44%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>399.17</b>			<b>408.14</b>	<b>8.97</b>	<b>2.25%</b>	<b>98.33%</b>	
HST		0.13	51.89		0.13	53.06	1.17	2.25%	12.78%	
<b>Total Bill (including HST)</b>			<b>451.06</b>			<b>461.20</b>	<b>10.14</b>	<b>2.25%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-45.11		-0.10	-46.12	-1.01	2.25%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>405.96</b>			<b>415.08</b>	<b>9.12</b>	<b>2.25%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>391.70</b>			<b>400.67</b>	<b>8.97</b>	<b>2.29%</b>		<b>98.33%</b>
HST		0.13	50.92		0.13	52.09	1.17	2.29%		12.78%
<b>Total Bill (including HST)</b>			<b>442.62</b>			<b>452.76</b>	<b>10.14</b>	<b>2.29%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-44.26		-0.10	-45.28	-1.01	2.29%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>398.36</b>			<b>407.48</b>	<b>9.12</b>	<b>2.29%</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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	2.00%	
Energy Second Tier (kWh)	14,250	0.101	1,439.25	14,250	0.101	1,439.25	0.00	0.00%	44.65%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,503.75</b>			<b>1,503.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.65%</b>	
TOU-Off Peak	9,600	0.075	720.00	9,600	0.075	720.00	0.00	0.00%		23.38%
TOU-Mid Peak	2,700	0.112	302.40	2,700	0.112	302.40	0.00	0.00%		9.82%
TOU-On Peak	2,700	0.135	364.50	2,700	0.135	364.50	0.00	0.00%		11.84%
<b>Sub-Total: Energy (TOU)</b>			<b>1,386.90</b>			<b>1,386.90</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.03%</b>	<b>45.04%</b>
Service Charge	1	32.32	32.32	1	33.27	33.27	0.95	2.94%	1.03%	1.08%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-1.51	-1.51	1	-0.49	-0.49	1.02	-67.55%	-0.02%	-0.02%
Fixed Deferral/Variance Account Rider	1	0.3	0.30	1	0.30	0.30	0.00	0.00%	0.01%	0.01%
Distribution Volumetric Rate	15,000	0.0576	864.00	15,000	0.0593	889.50	25.50	2.95%	27.60%	28.89%
Volumetric Smoothing Rider	15,000	-0.0027	-40.50	15,000	-0.0009	-13.50	27.00	-66.67%	-0.42%	-0.44%
Volumetric Deferral/Variance Account Rider	15,000	0.0001	1.50	15,000	0.0001	1.50	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>856.11</b>			<b>910.58</b>	<b>54.47</b>	<b>6.36%</b>	<b>28.25%</b>	<b>29.57%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.02%	0.03%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,440	0.10	145.44	1,440	0.10	145.44	0.00	0.00%	4.51%	4.72%
Line Losses on Cost of Power (based on TOU prices)	1,440	0.09	133.14	1,440	0.09	133.14	0.00	0.00%	4.13%	4.32%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>1,002.34</b>			<b>1,056.81</b>	<b>54.47</b>	<b>5.43%</b>	<b>32.79%</b>	<b>34.32%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>990.04</b>			<b>1,044.51</b>	<b>54.47</b>	<b>5.50%</b>	<b>32.41%</b>	<b>33.92%</b>
Retail Transmission Rate – Network Service Rate	16,440	0.0058	95.35	16,440	0.0058	95.35	0.00	0.00%	2.96%	3.10%
Retail Transmission Rate – Line and Transformation Connection S	16,440	0.0036	59.18	16,440	0.0036	59.18	0.00	0.00%	1.84%	1.92%
<b>Sub-Total: Retail Transmission</b>			<b>154.54</b>			<b>154.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.79%</b>	<b>5.02%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>1,156.88</b>			<b>1,211.35</b>	<b>54.47</b>	<b>4.71%</b>	<b>37.58%</b>	<b>39.34%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>1,144.58</b>			<b>1,199.05</b>	<b>54.47</b>	<b>4.76%</b>	<b>37.20%</b>	<b>38.94%</b>
Wholesale Market Service Rate	16,440	0.0044	72.34	16,440	0.0044	72.34	0.00	0.00%	2.24%	2.35%
Rural Rate Protection Charge	16,440	0.0012	19.73	16,440	0.0012	19.73	0.00	0.00%	0.61%	0.64%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Regulatory</b>			<b>92.31</b>			<b>92.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.86%</b>	<b>3.00%</b>
<b>Debt Retirement Charge (DRC)</b>	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.26%	3.41%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>2,857.94</b>			<b>2,912.41</b>	<b>54.47</b>	<b>1.91%</b>	<b>90.36%</b>	
HST		0.13	371.53		0.13	378.61	7.08	1.91%	11.75%	
<b>Total Bill (including HST)</b>			<b>3,229.47</b>			<b>3,291.02</b>	<b>61.55</b>	<b>1.91%</b>	<b>102.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-66.48		-0.10	-67.89	-1.41	2.12%	-2.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>3,162.99</b>			<b>3,223.14</b>	<b>60.14</b>	<b>1.90%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>2,728.79</b>			<b>2,783.26</b>	<b>54.47</b>	<b>2.00%</b>		<b>90.39%</b>
HST		0.13	354.74		0.13	361.82	7.08	2.00%		11.75%
<b>Total Bill (including HST)</b>			<b>3,083.54</b>			<b>3,145.09</b>	<b>61.55</b>	<b>2.00%</b>		<b>102.14%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-64.58		-0.10	-65.99	-1.41	2.18%		-2.14%
<b>Total Bill on TOU (including OCEB)</b>			<b>3,018.96</b>			<b>3,079.10</b>	<b>60.14</b>	<b>1.99%</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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	36.44%	
Energy Second Tier (kWh)	250	0.101	25.25	250	0.101	25.25	0.00	0.00%	14.27%	
<b>Sub-Total: Energy (RPP)</b>			<b>89.75</b>			<b>89.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.71%</b>	
TOU-Off Peak	640	0.075	48.00	640	0.075	48.00	0.00	0.00%		26.79%
TOU-Mid Peak	180	0.112	20.16	180	0.112	20.16	0.00	0.00%		11.25%
TOU-On Peak	180	0.135	24.30	180	0.135	24.30	0.00	0.00%		13.56%
<b>Sub-Total: Energy (TOU)</b>			<b>92.46</b>			<b>92.46</b>	<b>0.00</b>	<b>0.00%</b>	<b>52.24%</b>	<b>51.60%</b>
Service Charge	1	24.76	24.76	1	26.38	26.38	1.62	6.54%	14.90%	14.72%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-1.15	-1.15	1	-0.39	-0.39	0.76	-66.09%	-0.22%	-0.22%
Fixed Deferral/Variance Account Rider	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.14%	0.14%
Distribution Volumetric Rate	1,000	0.0255	25.50	1,000	0.0271	27.10	1.60	6.27%	15.31%	15.12%
Volumetric Smoothing Rider	1,000	-0.0012	-1.20	1,000	-0.0004	-0.40	0.80	-66.67%	-0.23%	-0.22%
Volumetric Deferral/Variance Account Rider	1,000	-0.0001	-0.10	1,000	-0.0001	-0.10	0.00	0.00%	-0.06%	-0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>48.06</b>			<b>52.84</b>	<b>4.78</b>	<b>9.95%</b>	<b>29.85%</b>	<b>29.49%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.45%	0.44%
Line Losses on Cost of Power (based on two-tier RPP prices)	67	0.10	6.77	67	0.10	6.77	0.00	0.00%	3.82%	3.78%
Line Losses on Cost of Power (based on TOU prices)	67	0.09	6.19	67	0.09	6.19	0.00	0.00%	3.50%	3.46%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>55.62</b>			<b>60.40</b>	<b>4.78</b>	<b>8.59%</b>	<b>34.12%</b>	<b>33.71%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>55.04</b>			<b>59.82</b>	<b>4.78</b>	<b>8.68%</b>	<b>33.80%</b>	<b>33.39%</b>
Retail Transmission Rate – Network Service Rate	1,067	0.0062	6.62	1,067	0.0062	6.62	0.00	0.00%	3.74%	3.69%
Retail Transmission Rate – Line and Transformation Connection S	1,067	0.0038	4.05	1,067	0.0038	4.05	0.00	0.00%	2.29%	2.26%
<b>Sub-Total: Retail Transmission</b>			<b>10.67</b>			<b>10.67</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.03%</b>	<b>5.96%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>66.29</b>			<b>71.07</b>	<b>4.78</b>	<b>7.21%</b>	<b>40.15%</b>	<b>39.66%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>65.71</b>			<b>70.49</b>	<b>4.78</b>	<b>7.27%</b>	<b>39.83%</b>	<b>39.34%</b>
Wholesale Market Service Rate	1,067	0.0044	4.69	1,067	0.0044	4.69	0.00	0.00%	2.65%	2.62%
Rural Rate Protection Charge	1,067	0.0012	1.28	1,067	0.0012	1.28	0.00	0.00%	0.72%	0.71%
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>6.23</b>			<b>6.23</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.52%</b>	<b>3.47%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	3.95%	3.91%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>169.26</b>			<b>174.04</b>	<b>4.78</b>	<b>2.82%</b>	<b>98.33%</b>	
HST		0.13	22.00		0.13	22.63	0.62	2.82%	12.78%	
<b>Total Bill (including HST)</b>			<b>191.27</b>			<b>196.67</b>	<b>5.40</b>	<b>2.82%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-19.13		-0.10	-19.67	-0.54	2.82%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>172.14</b>			<b>177.00</b>	<b>4.86</b>	<b>2.82%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>171.40</b>			<b>176.18</b>	<b>4.78</b>	<b>2.79%</b>		<b>98.33%</b>
HST		0.13	22.28		0.13	22.90	0.62	2.79%		12.78%
<b>Total Bill (including HST)</b>			<b>193.68</b>			<b>199.08</b>	<b>5.40</b>	<b>2.79%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-19.37		-0.10	-19.91	-0.54	2.79%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>174.31</b>			<b>179.18</b>	<b>4.86</b>	<b>2.79%</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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	19.10%	
Energy Second Tier (kWh)	1,250	0.101	126.25	1,250	0.101	126.25	0.00	0.00%	37.39%	
<b>Sub-Total: Energy (RPP)</b>			<b>190.75</b>			<b>190.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.49%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		29.04%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		12.20%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		14.70%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.76%</b>	<b>55.93%</b>
Service Charge	1	24.76	24.76	1	26.38	26.38	1.62	6.54%	7.81%	7.98%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-1.15	-1.15	1	-0.39	-0.39	0.76	-66.09%	-0.12%	-0.12%
Fixed Deferral/Variance Account Rider	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.07%	0.08%
Distribution Volumetric Rate	2,000	0.0255	51.00	2,000	0.0271	54.20	3.20	6.27%	16.05%	16.39%
Volumetric Smoothing Rider	2,000	-0.0012	-2.40	2,000	-0.0004	-0.80	1.60	-66.67%	-0.24%	-0.24%
Volumetric Deferral/Variance Account Rider	2,000	-0.0001	-0.20	2,000	-0.0001	-0.20	0.00	0.00%	-0.06%	-0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>72.26</b>			<b>79.44</b>	<b>7.18</b>	<b>9.94%</b>	<b>23.52%</b>	<b>24.03%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.23%	0.24%
Line Losses on Cost of Power (based on two-tier RPP prices)	134	0.10	13.53	134	0.10	13.53	0.00	0.00%	4.01%	4.09%
Line Losses on Cost of Power (based on TOU prices)	134	0.09	12.39	134	0.09	12.39	0.00	0.00%	3.67%	3.75%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>86.58</b>			<b>93.76</b>	<b>7.18</b>	<b>8.29%</b>	<b>27.77%</b>	<b>28.36%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>85.44</b>			<b>92.62</b>	<b>7.18</b>	<b>8.40%</b>	<b>27.43%</b>	<b>28.02%</b>
Retail Transmission Rate – Network Service Rate	2,134	0.0062	13.23	2,134	0.0062	13.23	0.00	0.00%	3.92%	4.00%
Retail Transmission Rate – Line and Transformation Connection S	2,134	0.0038	8.11	2,134	0.0038	8.11	0.00	0.00%	2.40%	2.45%
<b>Sub-Total: Retail Transmission</b>			<b>21.34</b>			<b>21.34</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.32%</b>	<b>6.45%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>107.92</b>			<b>115.10</b>	<b>7.18</b>	<b>6.65%</b>	<b>34.08%</b>	<b>34.82%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>106.78</b>			<b>113.96</b>	<b>7.18</b>	<b>6.72%</b>	<b>33.75%</b>	<b>34.47%</b>
Wholesale Market Service Rate	2,134	0.0044	9.39	2,134	0.0044	9.39	0.00	0.00%	2.78%	2.84%
Rural Rate Protection Charge	2,134	0.0012	2.56	2,134	0.0012	2.56	0.00	0.00%	0.76%	0.77%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.07%	0.08%
<b>Sub-Total: Regulatory</b>			<b>12.20</b>			<b>12.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.61%</b>	<b>3.69%</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>4.15%</b>	<b>4.23%</b>
<b>Total Bill on Two-Ttier RPP (before Taxes)</b>			<b>324.87</b>			<b>332.05</b>	<b>7.18</b>	<b>2.21%</b>	<b>98.33%</b>	
HST		0.13	42.23		0.13	43.17	0.93	2.21%	12.78%	
<b>Total Bill (including HST)</b>			<b>367.11</b>			<b>375.22</b>	<b>8.11</b>	<b>2.21%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-36.71		-0.10	-37.52	-0.81	2.21%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>330.40</b>			<b>337.70</b>	<b>7.30</b>	<b>2.21%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>317.90</b>			<b>325.08</b>	<b>7.18</b>	<b>2.26%</b>		<b>98.33%</b>
HST		0.13	41.33		0.13	42.26	0.93	2.26%		12.78%
<b>Total Bill (including HST)</b>			<b>359.23</b>			<b>367.34</b>	<b>8.11</b>	<b>2.26%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-35.92		-0.10	-36.73	-0.81	2.26%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>323.30</b>			<b>330.61</b>	<b>7.30</b>	<b>2.26%</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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	2.44%	
Energy Second Tier (kWh)	14,250	0.101	1,439.25	14,250	0.101	1,439.25	0.00	0.00%	54.50%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,503.75</b>			<b>1,503.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.94%</b>	
TOU-Off Peak	9,600	0.075	720.00	9,600	0.075	720.00	0.00	0.00%		28.79%
TOU-Mid Peak	2,700	0.112	302.40	2,700	0.112	302.40	0.00	0.00%		12.09%
TOU-On Peak	2,700	0.135	364.50	2,700	0.135	364.50	0.00	0.00%		14.57%
<b>Sub-Total: Energy (TOU)</b>			<b>1,386.90</b>			<b>1,386.90</b>	<b>0.00</b>	<b>0.00%</b>	<b>52.51%</b>	<b>55.45%</b>
Service Charge	1	24.76	24.76	1	26.38	26.38	1.62	6.54%	1.00%	1.05%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-1.15	-1.15	1	-0.39	-0.39	0.76	-66.09%	-0.01%	-0.02%
Fixed Deferral/Variance Account Rider	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
Distribution Volumetric Rate	15,000	0.0255	382.50	15,000	0.0271	406.50	24.00	6.27%	15.39%	16.25%
Volumetric Smoothing Rider	15,000	-0.0012	-18.00	15,000	-0.0004	-6.00	12.00	-66.67%	-0.23%	-0.24%
Volumetric Deferral/Variance Account Rider	15,000	-0.0001	-1.50	15,000	-0.0001	-1.50	0.00	0.00%	-0.06%	-0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>386.86</b>			<b>425.24</b>	<b>38.38</b>	<b>9.92%</b>	<b>16.10%</b>	<b>17.00%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.03%	0.03%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,005	0.10	101.51	1,005	0.10	101.51	0.00	0.00%	3.84%	4.06%
Line Losses on Cost of Power (based on TOU prices)	1,005	0.09	92.92	1,005	0.09	92.92	0.00	0.00%	3.52%	3.72%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>489.16</b>			<b>527.54</b>	<b>38.38</b>	<b>7.85%</b>	<b>19.97%</b>	<b>21.09%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>480.57</b>			<b>518.95</b>	<b>38.38</b>	<b>7.99%</b>	<b>19.65%</b>	<b>20.75%</b>
Retail Transmission Rate – Network Service Rate	16,005	0.0062	99.23	16,005	0.0062	99.23	0.00	0.00%	3.76%	3.97%
Retail Transmission Rate – Line and Transformation Connection S	16,005	0.0038	60.82	16,005	0.0038	60.82	0.00	0.00%	2.30%	2.43%
<b>Sub-Total: Retail Transmission</b>			<b>160.05</b>			<b>160.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.06%</b>	<b>6.40%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>649.21</b>			<b>687.59</b>	<b>38.38</b>	<b>5.91%</b>	<b>26.03%</b>	<b>27.49%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>640.62</b>			<b>679.00</b>	<b>38.38</b>	<b>5.99%</b>	<b>25.71%</b>	<b>27.15%</b>
Wholesale Market Service Rate	16,005	0.0044	70.42	16,005	0.0044	70.42	0.00	0.00%	2.67%	2.82%
Rural Rate Protection Charge	16,005	0.0012	19.21	16,005	0.0012	19.21	0.00	0.00%	0.73%	0.77%
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>89.88</b>			<b>89.88</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.40%</b>	<b>3.59%</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>3.98%</b>	<b>4.20%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>2,347.83</b>			<b>2,386.21</b>	<b>38.38</b>	<b>1.63%</b>	<b>90.35%</b>	
HST		0.13	305.22		0.13	310.21	4.99	1.63%	11.75%	
<b>Total Bill (including HST)</b>			<b>2,653.05</b>			<b>2,696.42</b>	<b>43.37</b>	<b>1.63%</b>	<b>102.10%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-54.29		-0.10	-55.38	-1.08	1.99%	-2.10%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>2,598.76</b>			<b>2,641.04</b>	<b>42.29</b>	<b>1.63%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>2,222.40</b>			<b>2,260.78</b>	<b>38.38</b>	<b>1.73%</b>		<b>90.39%</b>
HST		0.13	288.91		0.13	293.90	4.99	1.73%		11.75%
<b>Total Bill (including HST)</b>			<b>2,511.31</b>			<b>2,554.68</b>	<b>43.37</b>	<b>1.73%</b>		<b>102.14%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-52.48		-0.10	-53.56	-1.08	2.06%		-2.14%
<b>Total Bill on TOU (including OCEB)</b>			<b>2,458.84</b>			<b>2,501.12</b>	<b>42.29</b>	<b>1.72%</b>		<b>100.00%</b>

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

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

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	31.84%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>31.84%</b>
Service Charge	1	4.39	4.39	1	4.57	4.57	0.18	4.10%	16.92%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-0.2	-0.20	1	-0.07	-0.07	0.13	-65.00%	-0.26%
Fixed Deferral/Variance Account Rider	1	0.05	0.05	1	0.05	0.05	0.00	0.00%	0.19%
Distribution Volumetric Rate	100	0.0988	9.88	100	0.1038	10.38	0.50	5.06%	38.43%
Volumetric Smoothing Rider	100	-0.0046	-0.46	100	-0.0015	-0.15	0.31	-67.39%	-0.56%
Volumetric Deferral/Variance Account Rider	100	0.0004	0.04	100	0.0005	0.05	0.01	25.00%	0.19%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>13.70</b>			<b>14.83</b>	<b>1.13</b>	<b>8.25%</b>	<b>54.91%</b>
Line Losses on Cost of Power	9	0.09	0.79	9	0.09	0.79	0.00	0.00%	2.93%
<b>Sub-Total: Distribution</b>			<b>14.49</b>			<b>15.62</b>	<b>1.13</b>	<b>7.80%</b>	<b>57.84%</b>
Retail Transmission Rate – Network Service Rate	109	0.0039	0.43	109	0.0039	0.43	0.00	0.00%	1.58%
Retail Transmission Rate – Line and Transformation Connection	109	0.0032	0.35	109	0.0032	0.35	0.00	0.00%	1.29%
<b>Sub-Total: Retail Transmission</b>			<b>0.78</b>			<b>0.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.87%</b>
<b>Sub-Total: Delivery</b>			<b>15.27</b>			<b>16.40</b>	<b>1.13</b>	<b>7.40%</b>	<b>60.71%</b>
Wholesale Market Service Rate	109	0.0044	0.48	109	0.0044	0.48	0.00	0.00%	1.78%
Rural Rate Protection Charge	109	0.0012	0.13	109	0.0012	0.13	0.00	0.00%	0.49%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.93%
<b>Sub-Total: Regulatory</b>			<b>0.86</b>			<b>0.86</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.19%</b>
Debt Retirement Charge (DRC)	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	2.59%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>25.43</b>			<b>26.56</b>	<b>1.13</b>	<b>4.44%</b>	<b>98.33%</b>
HST		0.13	3.31		0.13	3.45	0.15	4.44%	12.78%
<b>Total Bill (including HST)</b>			<b>28.73</b>			<b>30.01</b>	<b>1.28</b>	<b>4.44%</b>	<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-2.87		-0.10	-3.00	-0.13	4.44%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>25.86</b>			<b>27.01</b>	<b>1.15</b>	<b>4.44%</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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	500	0.086	43.00	500	0.086	43.00	0.00	0.00%	37.22%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>43.00</b>			<b>43.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>37.22%</b>
Service Charge	1	4.39	4.39	1	4.57	4.57	0.18	4.10%	3.96%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-0.2	-0.20	1	-0.07	-0.07	0.13	-65.00%	-0.06%
Fixed Deferral/Variance Account Rider	1	0.05	0.05	1	0.05	0.05	0.00	0.00%	0.04%
Distribution Volumetric Rate	500	0.0988	49.40	500	0.1038	51.90	2.50	5.06%	44.93%
Volumetric Smoothing Rider	500	-0.0046	-2.30	500	-0.0015	-0.75	1.55	-67.39%	-0.65%
Volumetric Deferral/Variance Account Rider	500	0.0004	0.20	500	0.0005	0.25	0.05	25.00%	0.22%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>51.54</b>			<b>55.95</b>	<b>4.41</b>	<b>8.56%</b>	<b>48.43%</b>
Line Losses on Cost of Power	46	0.09	3.96	46	0.09	3.96	0.00	0.00%	3.42%
<b>Sub-Total: Distribution</b>			<b>55.50</b>			<b>59.91</b>	<b>4.41</b>	<b>7.95%</b>	<b>51.86%</b>
Retail Transmission Rate – Network Service Rate	546	0.0039	2.13	546	0.0039	2.13	0.00	0.00%	1.84%
Retail Transmission Rate – Line and Transformation Connection	546	0.0032	1.75	546	0.0032	1.75	0.00	0.00%	1.51%
<b>Sub-Total: Retail Transmission</b>			<b>3.88</b>			<b>3.88</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.36%</b>
<b>Sub-Total: Delivery</b>			<b>59.37</b>			<b>63.78</b>	<b>4.41</b>	<b>7.43%</b>	<b>55.21%</b>
Wholesale Market Service Rate	546	0.0044	2.40	546	0.0044	2.40	0.00	0.00%	2.08%
Rural Rate Protection Charge	546	0.0012	0.66	546	0.0012	0.66	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%	0.22%
<b>Sub-Total: Regulatory</b>			<b>3.31</b>			<b>3.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.86%</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>3.03%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>109.18</b>			<b>113.59</b>	<b>4.41</b>	<b>4.04%</b>	<b>98.33%</b>
HST			14.19		0.13	14.77	0.57	4.04%	12.78%
<b>Total Bill (including HST)</b>			<b>123.37</b>			<b>128.36</b>	<b>4.98</b>	<b>4.04%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>			-0.10		-0.10	-12.84	-0.50	4.04%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>111.04</b>			<b>115.52</b>	<b>4.48</b>	<b>4.04%</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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	13.74%
Energy Second Tier (kWh)	1,250	0.101	126.25	1,250	0.101	126.25	0.00	0.00%	26.90%
<b>Sub-Total: Energy (RPP)</b>			<b>190.75</b>			<b>190.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>40.64%</b>
Service Charge	1	4.39	4.39	1	4.57	4.57	0.18	4.10%	0.97%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-0.2	-0.20	1	-0.07	-0.07	0.13	-65.00%	-0.01%
Fixed Deferral/Variance Account Rider	1	0.05	0.05	1	0.05	0.05	0.00	0.00%	0.01%
Distribution Volumetric Rate	2,000	0.0988	197.60	2,000	0.1038	207.60	10.00	5.06%	44.23%
Volumetric Smoothing Rider	2,000	-0.0046	-9.20	2,000	-0.0015	-3.00	6.20	-67.39%	-0.64%
Volumetric Deferral/Variance Account Rider	2,000	0.0004	0.80	2,000	0.0005	1.00	0.20	25.00%	0.21%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>193.44</b>			<b>210.15</b>	<b>16.71</b>	<b>8.64%</b>	<b>44.78%</b>
Line Losses on Cost of Power	184	0.10	18.58	184	0.10	18.58	0.00	0.00%	3.96%
<b>Sub-Total: Distribution</b>			<b>212.02</b>			<b>228.73</b>	<b>16.71</b>	<b>7.88%</b>	<b>48.74%</b>
Retail Transmission Rate – Network Service Rate	2,184	0.0039	8.52	2,184	0.0039	8.52	0.00	0.00%	1.81%
Retail Transmission Rate – Line and Transformation Connection	2,184	0.0032	6.99	2,184	0.0032	6.99	0.00	0.00%	1.49%
<b>Sub-Total: Retail Transmission</b>			<b>15.51</b>			<b>15.51</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.30%</b>
<b>Sub-Total: Delivery</b>			<b>227.53</b>			<b>244.24</b>	<b>16.71</b>	<b>7.34%</b>	<b>52.04%</b>
Wholesale Market Service Rate	2,184	0.0044	9.61	2,184	0.0044	9.61	0.00	0.00%	2.05%
Rural Rate Protection Charge	2,184	0.0012	2.62	2,184	0.0012	2.62	0.00	0.00%	0.56%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%
<b>Sub-Total: Regulatory</b>			<b>12.48</b>			<b>12.48</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.66%</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>2.98%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>444.76</b>			<b>461.47</b>	<b>16.71</b>	<b>3.76%</b>	<b>98.33%</b>
HST		0.13	57.82		0.13	59.99	2.17	3.76%	12.78%
<b>Total Bill (including HST)</b>			<b>502.58</b>			<b>521.46</b>	<b>18.88</b>	<b>3.76%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-50.26		-0.10	-52.15	-1.89	3.76%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>452.32</b>			<b>469.32</b>	<b>16.99</b>	<b>3.76%</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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	20	0.086	1.72	20	0.086	1.72	0.00	0.00%	20.23%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1.72</b>			<b>1.72</b>	<b>0.00</b>	<b>0.00%</b>	<b>20.23%</b>
Service Charge	1	2.78	2.78	1	3.04	3.04	0.26	9.35%	35.76%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-0.13	-0.13	1	-0.04	-0.04	0.09	-69.23%	-0.47%
Fixed Deferral/Variance Account Rider	1	0.03	0.03	1	0.03	0.03	0.00	0.00%	0.35%
Distribution Volumetric Rate	20	0.1298	2.60	20	0.1406	2.81	0.22	8.32%	33.08%
Volumetric Smoothing Rider	20	-0.006	-0.12	20	-0.0021	-0.04	0.08	-65.00%	-0.49%
Volumetric Deferral/Variance Account Rider	20	0.0006	0.01	20	0.0007	0.01	0.00	16.67%	0.16%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>5.17</b>			<b>5.81</b>	<b>0.65</b>	<b>12.50%</b>	<b>68.39%</b>
Line Losses on Cost of Power	2	0.09	0.16	2	0.09	0.16	0.00	0.00%	1.86%
<b>Sub-Total: Distribution</b>			<b>5.33</b>			<b>5.97</b>	<b>0.65</b>	<b>12.13%</b>	<b>70.25%</b>
Retail Transmission Rate – Network Service Rate	22	0.0039	0.09	22	0.0039	0.09	0.00	0.00%	1.00%
Retail Transmission Rate – Line and Transformation Connection	22	0.0032	0.07	22	0.0032	0.07	0.00	0.00%	0.82%
<b>Sub-Total: Retail Transmission</b>			<b>0.16</b>			<b>0.16</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.82%</b>
<b>Sub-Total: Delivery</b>			<b>5.48</b>			<b>6.13</b>	<b>0.65</b>	<b>11.79%</b>	<b>72.07%</b>
Wholesale Market Service Rate	22	0.0044	0.10	22	0.0044	0.10	0.00	0.00%	1.13%
Rural Rate Protection Charge	22	0.0012	0.03	22	0.0012	0.03	0.00	0.00%	0.31%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	2.94%
<b>Sub-Total: Regulatory</b>			<b>0.37</b>			<b>0.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.38%</b>
Debt Retirement Charge (DRC)	20	0.007	0.14	20	0.007	0.14	0.00	0.00%	1.65%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>7.71</b>			<b>8.36</b>	<b>0.65</b>	<b>8.37%</b>	<b>98.33%</b>
HST		0.13	1.00		0.13	1.09	0.08	8.37%	12.78%
<b>Total Bill (including HST)</b>			<b>8.72</b>			<b>9.45</b>	<b>0.73</b>	<b>8.37%</b>	<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-0.87		-0.10	-0.94	-0.07	8.37%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>7.84</b>			<b>8.50</b>	<b>0.66</b>	<b>8.37%</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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	50	0.086	4.30	50	0.086	4.30	0.00	0.00%	26.46%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>4.30</b>			<b>4.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>26.46%</b>
Service Charge	1	2.78	2.78	1	3.04	3.04	0.26	9.35%	18.71%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-0.13	-0.13	1	-0.04	-0.04	0.09	-69.23%	-0.25%
Fixed Deferral/Variance Account Rider	1	0.03	0.03	1	0.03	0.03	0.00	0.00%	0.18%
Distribution Volumetric Rate	50	0.1298	6.49	50	0.1406	7.03	0.54	8.32%	43.26%
Volumetric Smoothing Rider	50	-0.006	-0.30	50	-0.0021	-0.11	0.20	-65.00%	-0.65%
Volumetric Deferral/Variance Account Rider	50	0.0006	0.03	50	0.0007	0.04	0.01	16.67%	0.22%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>8.90</b>			<b>9.99</b>	<b>1.09</b>	<b>12.25%</b>	<b>61.47%</b>
Line Losses on Cost of Power	5	0.09	0.40	5	0.09	0.40	0.00	0.00%	2.43%
<b>Sub-Total: Distribution</b>			<b>9.30</b>			<b>10.39</b>	<b>1.09</b>	<b>11.73%</b>	<b>63.91%</b>
Retail Transmission Rate – Network Service Rate	55	0.0039	0.21	55	0.0039	0.21	0.00	0.00%	1.31%
Retail Transmission Rate – Line and Transformation Connection	55	0.0032	0.17	55	0.0032	0.17	0.00	0.00%	1.08%
<b>Sub-Total: Retail Transmission</b>			<b>0.39</b>			<b>0.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.39%</b>
<b>Sub-Total: Delivery</b>			<b>9.68</b>			<b>10.77</b>	<b>1.09</b>	<b>11.26%</b>	<b>66.29%</b>
Wholesale Market Service Rate	55	0.0044	0.24	55	0.0044	0.24	0.00	0.00%	1.48%
Rural Rate Protection Charge	55	0.0012	0.07	55	0.0012	0.07	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%	1.54%
<b>Sub-Total: Regulatory</b>			<b>0.56</b>			<b>0.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.42%</b>
Debt Retirement Charge (DRC)	50	0.007	0.35	50	0.007	0.35	0.00	0.00%	2.15%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>14.89</b>			<b>15.98</b>	<b>1.09</b>	<b>7.32%</b>	<b>98.33%</b>
HST		0.13	1.94		0.13	2.08	0.14	7.32%	12.78%
<b>Total Bill (including HST)</b>			<b>16.82</b>			<b>18.06</b>	<b>1.23</b>	<b>7.32%</b>	<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-1.68		-0.10	-1.81	-0.12	7.32%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>15.14</b>			<b>16.25</b>	<b>1.11</b>	<b>7.32%</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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	200	0.086	17.20	200	0.086	17.20	0.00	0.00%	31.28%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>17.20</b>			<b>17.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>31.28%</b>
Service Charge	1	2.78	2.78	1	3.04	3.04	0.26	9.35%	5.53%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-0.13	-0.13	1	-0.04	-0.04	0.09	-69.23%	-0.07%
Fixed Deferral/Variance Account Rider	1	0.03	0.03	1	0.03	0.03	0.00	0.00%	0.05%
Distribution Volumetric Rate	200	0.1298	25.96	200	0.1406	28.12	2.16	8.32%	51.13%
Volumetric Smoothing Rider	200	-0.006	-1.20	200	-0.0021	-0.42	0.78	-65.00%	-0.76%
Volumetric Deferral/Variance Account Rider	200	0.0006	0.12	200	0.0007	0.14	0.02	16.67%	0.25%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>27.56</b>			<b>30.87</b>	<b>3.31</b>	<b>12.01%</b>	<b>56.13%</b>
Line Losses on Cost of Power	18	0.09	1.58	18	0.09	1.58	0.00	0.00%	2.88%
<b>Sub-Total: Distribution</b>			<b>29.14</b>			<b>32.45</b>	<b>3.31</b>	<b>11.36%</b>	<b>59.01%</b>
Retail Transmission Rate – Network Service Rate	218	0.0039	0.85	218	0.0039	0.85	0.00	0.00%	1.55%
Retail Transmission Rate – Line and Transformation Connection	218	0.0032	0.70	218	0.0032	0.70	0.00	0.00%	1.27%
<b>Sub-Total: Retail Transmission</b>			<b>1.55</b>			<b>1.55</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.82%</b>
<b>Sub-Total: Delivery</b>			<b>30.69</b>			<b>34.00</b>	<b>3.31</b>	<b>10.78%</b>	<b>61.83%</b>
Wholesale Market Service Rate	218	0.0044	0.96	218	0.0044	0.96	0.00	0.00%	1.75%
Rural Rate Protection Charge	218	0.0012	0.26	218	0.0012	0.26	0.00	0.00%	0.48%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.45%
<b>Sub-Total: Regulatory</b>			<b>1.47</b>			<b>1.47</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.68%</b>
Debt Retirement Charge (DRC)	200	0.007	1.40	200	0.007	1.40	0.00	0.00%	2.55%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>50.77</b>			<b>54.08</b>	<b>3.31</b>	<b>6.52%</b>	<b>98.33%</b>
HST		0.13	6.60		0.13	7.03	0.43	6.52%	12.78%
<b>Total Bill (including HST)</b>			<b>57.37</b>			<b>61.11</b>	<b>3.74</b>	<b>6.52%</b>	<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-5.74		-0.10	-6.11	-0.37	6.52%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>51.63</b>			<b>55.00</b>	<b>3.37</b>	<b>6.52%</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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	15.70%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>15.70%</b>
Service Charge	1	39.52	39.52	1	39.41	39.41	-0.11	-0.28%	71.94%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-1.84	-1.84	1	-0.58	-0.58	1.26	-68.48%	-1.06%
Fixed Deferral/Variance Account Rider	1	0.33	0.33	1	0.32	0.32	-0.01	-3.03%	0.58%
Distribution Volumetric Rate	100	0.0303	3.03	100	0.0297	2.97	-0.06	-1.98%	5.42%
Volumetric Smoothing Rider	100	-0.0014	-0.14	100	-0.0004	-0.04	0.10	-71.43%	-0.07%
Volumetric Deferral/Variance Account Rider	100	0.0000	0.00	100	0	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>40.90</b>			<b>42.08</b>	<b>1.18</b>	<b>2.89%</b>	<b>76.82%</b>
Line Losses on Cost of Power	9	0.09	0.79	9	0.09	0.79	0.00	0.00%	1.44%
<b>Sub-Total: Distribution</b>			<b>41.69</b>			<b>42.87</b>	<b>1.18</b>	<b>2.83%</b>	<b>78.26%</b>
Retail Transmission Rate – Network Service Rate	109	0.0046	0.50	109	0.0046	0.50	0.00	0.00%	0.92%
Retail Transmission Rate – Line and Transformation Connection	109	0.003	0.33	109	0.003	0.33	0.00	0.00%	0.60%
<b>Sub-Total: Retail Transmission</b>			<b>0.83</b>			<b>0.83</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.52%</b>
<b>Sub-Total: Delivery</b>			<b>42.52</b>			<b>43.70</b>	<b>1.18</b>	<b>2.78%</b>	<b>79.78%</b>
Wholesale Market Service Rate	109	0.0044	0.48	109	0.0044	0.48	0.00	0.00%	0.88%
Rural Rate Protection Charge	109	0.0012	0.13	109	0.0012	0.13	0.00	0.00%	0.24%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.46%
<b>Sub-Total: Regulatory</b>			<b>0.86</b>			<b>0.86</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.57%</b>
Debt Retirement Charge (DRC)	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	1.28%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>52.68</b>			<b>53.86</b>	<b>1.18</b>	<b>2.24%</b>	<b>98.33%</b>
HST		0.13	6.85		0.13	7.00	0.15	2.24%	12.78%
<b>Total Bill (including HST)</b>			<b>59.53</b>			<b>60.86</b>	<b>1.33</b>	<b>2.24%</b>	<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-5.95		-0.10	-6.09	-0.13	2.24%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>53.58</b>			<b>54.78</b>	<b>1.20</b>	<b>2.24%</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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	500	0.086	43.00	500	0.086	43.00	0.00	0.00%	37.85%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>43.00</b>			<b>43.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>37.85%</b>
Service Charge	1	39.52	39.52	1	39.41	39.41	-0.11	-0.28%	34.69%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-1.84	-1.84	1	-0.58	-0.58	1.26	-68.48%	-0.51%
Fixed Deferral/Variance Account Rider	1	0.33	0.33	1	0.32	0.32	-0.01	-3.03%	0.28%
Distribution Volumetric Rate	500	0.0303	15.15	500	0.0297	14.85	-0.30	-1.98%	13.07%
Volumetric Smoothing Rider	500	-0.0014	-0.70	500	-0.0004	-0.20	0.50	-71.43%	-0.18%
Volumetric Deferral/Variance Account Rider	500	0.0000	0.00	500	0	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>52.46</b>			<b>53.80</b>	<b>1.34</b>	<b>2.55%</b>	<b>47.35%</b>
Line Losses on Cost of Power	46	0.09	3.96	46	0.09	3.96	0.00	0.00%	3.48%
<b>Sub-Total: Distribution</b>			<b>56.42</b>			<b>57.76</b>	<b>1.34</b>	<b>2.38%</b>	<b>50.84%</b>
Retail Transmission Rate – Network Service Rate	546	0.0046	2.51	546	0.0046	2.51	0.00	0.00%	2.21%
Retail Transmission Rate – Line and Transformation Connection	546	0.003	1.64	546	0.003	1.64	0.00	0.00%	1.44%
<b>Sub-Total: Retail Transmission</b>			<b>4.15</b>			<b>4.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.65%</b>
<b>Sub-Total: Delivery</b>			<b>60.57</b>			<b>61.91</b>	<b>1.34</b>	<b>2.21%</b>	<b>54.49%</b>
Wholesale Market Service Rate	546	0.0044	2.40	546	0.0044	2.40	0.00	0.00%	2.11%
Rural Rate Protection Charge	546	0.0012	0.66	546	0.0012	0.66	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%	0.22%
<b>Sub-Total: Regulatory</b>			<b>3.31</b>			<b>3.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.91%</b>
Debt Retirement Charge (DRC)	500	0.007	3.50	500	0.007	3.50	0.00	0.00%	3.08%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>110.37</b>			<b>111.71</b>	<b>1.34</b>	<b>1.21%</b>	<b>98.33%</b>
HST		0.13	14.35		0.13	14.52	0.17	1.21%	12.78%
<b>Total Bill (including HST)</b>			<b>124.72</b>			<b>126.24</b>	<b>1.51</b>	<b>1.21%</b>	<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-12.47		-0.10	-12.62	-0.15	1.21%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>112.25</b>			<b>113.61</b>	<b>1.36</b>	<b>1.21%</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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	33.53%
Energy Second Tier (kWh)	250	0.101	25.25	250	0.101	25.25	0.00	0.00%	13.13%
<b>Sub-Total: Energy (RPP)</b>			<b>89.75</b>			<b>89.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.65%</b>
Service Charge	1	39.52	39.52	1	39.41	39.41	-0.11	-0.28%	20.49%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-1.84	-1.84	1	-0.58	-0.58	1.26	-68.48%	-0.30%
Fixed Deferral/Variance Account Rider	1	0.33	0.33	1	0.32	0.32	-0.01	-3.03%	0.17%
Distribution Volumetric Rate	1,000	0.0303	30.30	1,000	0.0297	29.70	-0.60	-1.98%	15.44%
Volumetric Smoothing Rider	1,000	-0.0014	-1.40	1,000	-0.0004	-0.40	1.00	-71.43%	-0.21%
Volumetric Deferral/Variance Account Rider	1,000	0.0000	0.00	1,000	0	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>66.91</b>			<b>68.45</b>	<b>1.54</b>	<b>2.30%</b>	<b>35.58%</b>
Line Losses on Cost of Power	92	0.10	9.29	92	0.10	9.29	0.00	0.00%	4.83%
<b>Sub-Total: Distribution</b>			<b>76.20</b>			<b>77.74</b>	<b>1.54</b>	<b>2.02%</b>	<b>40.41%</b>
Retail Transmission Rate – Network Service Rate	1,092	0.0046	5.02	1,092	0.0046	5.02	0.00	0.00%	2.61%
Retail Transmission Rate – Line and Transformation Connection	1,092	0.003	3.28	1,092	0.003	3.28	0.00	0.00%	1.70%
<b>Sub-Total: Retail Transmission</b>			<b>8.30</b>			<b>8.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.31%</b>
<b>Sub-Total: Delivery</b>			<b>84.50</b>			<b>86.04</b>	<b>1.54</b>	<b>1.82%</b>	<b>44.73%</b>
Wholesale Market Service Rate	1,092	0.0044	4.80	1,092	0.0044	4.80	0.00	0.00%	2.50%
Rural Rate Protection Charge	1,092	0.0012	1.31	1,092	0.0012	1.31	0.00	0.00%	0.68%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.13%
<b>Sub-Total: Regulatory</b>			<b>6.37</b>			<b>6.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.31%</b>
Debt Retirement Charge (DRC)	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	3.64%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>187.62</b>			<b>189.16</b>	<b>1.54</b>	<b>0.82%</b>	<b>98.33%</b>
HST		0.13	24.39		0.13	24.59	0.20	0.82%	12.78%
<b>Total Bill (including HST)</b>			<b>212.01</b>			<b>213.75</b>	<b>1.74</b>	<b>0.82%</b>	<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-21.20		-0.10	-21.37	-0.17	0.82%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>190.81</b>			<b>192.37</b>	<b>1.57</b>	<b>0.82%</b>	<b>100.00%</b>

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

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

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,915	0.086	1,368.69	15,915	0.086	1,368.69	0.00	0.00%	43.32%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,368.69</b>			<b>1,368.69</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.32%</b>
Service Charge	1	91.53	91.53	1	98.56	98.56	7.03	7.68%	3.12%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-4.26	-4.26	1	-1.44	-1.44	2.82	-66.20%	-0.05%
Fixed Deferral/Variance Account Rider	1	0.65	0.65	1	0.68	0.68	0.03	4.62%	0.02%
Distribution Volumetric Rate	60	15.1456	908.74	60	16.4418	986.51	77.77	8.56%	31.23%
Volumetric Smoothing Rider	60	-0.7057	-42.34	60	-0.2405	-14.43	27.91	-65.92%	-0.46%
Volumetric Deferral/Variance Account Rider	60	0.016	0.96	60	0.021	1.26	0.30	31.25%	0.04%
<b>Sub-Total: Distribution</b>			<b>955.27</b>			<b>1,071.14</b>	<b>115.86</b>	<b>12.13%</b>	<b>33.90%</b>
Retail Transmission Rate – Network Service Rate	60	1.6422	98.53	60	1.6422	98.53	0.00	0.00%	3.12%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.0516	63.10	60	1.0516	63.10	0.00	0.00%	2.00%
<b>Sub-Total: Retail Transmission</b>			<b>161.63</b>			<b>161.63</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.12%</b>
<b>Sub-Total: Delivery</b>			<b>1,116.90</b>			<b>1,232.77</b>	<b>115.86</b>	<b>10.37%</b>	<b>39.02%</b>
Wholesale Market Service Rate	15,915	0.0044	70.03	15,915	0.0044	70.03	0.00	0.00%	2.22%
Rural Rate Protection Charge	15,915	0.0012	19.10	15,915	0.0012	19.10	0.00	0.00%	0.60%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>89.37</b>			<b>89.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.83%</b>
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.32%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>2,679.97</b>			<b>2,795.83</b>	<b>115.86</b>	<b>4.32%</b>	<b>88.50%</b>
HST		0.13	348.40		0.13	363.46	15.06	4.32%	11.50%
<b>Total Bill (including HST)</b>			<b>3,028.36</b>			<b>3,159.29</b>	<b>130.93</b>	<b>4.32%</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>3,028.36</b>			<b>3,159.29</b>	<b>130.93</b>	<b>4.32%</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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	37,135	0.086	3,193.61	37,135	0.086	3,193.61	0.00	0.00%	46.99%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>3,193.61</b>			<b>3,193.61</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.99%</b>
Service Charge	1	91.53	91.53	1	98.56	98.56	7.03	7.68%	1.45%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-4.26	-4.26	1	-1.44	-1.44	2.82	-66.20%	-0.02%
Fixed Deferral/Variance Account Rider	1	0.65	0.65	1	0.68	0.68	0.03	4.62%	0.01%
Distribution Volumetric Rate	120	15.1456	1,817.47	120	16.4418	1,973.02	155.54	8.56%	29.03%
Volumetric Smoothing Rider	120	-0.7057	-84.68	120	-0.2405	-28.86	55.82	-65.92%	-0.42%
Volumetric Deferral/Variance Account Rider	120	0.016	1.92	120	0.021	2.52	0.60	31.25%	0.04%
<b>Sub-Total: Distribution</b>			<b>1,822.63</b>			<b>2,044.48</b>	<b>221.85</b>	<b>12.17%</b>	<b>30.08%</b>
Retail Transmission Rate – Network Service Rate	120	1.6422	197.06	120	1.6422	197.06	0.00	0.00%	2.90%
Retail Transmission Rate – Line and Transformation Connection Service Rate	120	1.0516	126.19	120	1.0516	126.19	0.00	0.00%	1.86%
<b>Sub-Total: Retail Transmission</b>			<b>323.26</b>			<b>323.26</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.76%</b>
<b>Sub-Total: Delivery</b>			<b>2,145.88</b>			<b>2,367.73</b>	<b>221.85</b>	<b>10.34%</b>	<b>34.84%</b>
Wholesale Market Service Rate	37,135	0.0044	163.39	37,135	0.0044	163.39	0.00	0.00%	2.40%
Rural Rate Protection Charge	37,135	0.0012	44.56	37,135	0.0012	44.56	0.00	0.00%	0.66%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>208.21</b>			<b>208.21</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.06%</b>
Debt Retirement Charge (DRC)	35,000	0.007	245.00	35,000	0.007	245.00	0.00	0.00%	3.60%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>5,792.70</b>			<b>6,014.55</b>	<b>221.85</b>	<b>3.83%</b>	<b>88.50%</b>
HST		0.13	753.05		0.13	781.89	28.84	3.83%	11.50%
<b>Total Bill (including HST)</b>			<b>6,545.75</b>			<b>6,796.44</b>	<b>250.69</b>	<b>3.83%</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 Two-Tier RPP (including OCEB)</b>			<b>6,545.75</b>			<b>6,796.44</b>	<b>250.69</b>	<b>3.83%</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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	185,675	0.086	15,968.05	185,675	0.086	15,968.05	0.00	0.00%	50.85%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>15,968.05</b>			<b>15,968.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.85%</b>
Service Charge	1	91.53	91.53	1	98.56	98.56	7.03	7.68%	0.31%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-4.26	-4.26	1	-1.44	-1.44	2.82	-66.20%	0.00%
Fixed Deferral/Variance Account Rider	1	0.65	0.65	1	0.68	0.68	0.03	4.62%	0.00%
Distribution Volumetric Rate	500	15.1456	7,572.80	500	16.4418	8,220.90	648.10	8.56%	26.18%
Volumetric Smoothing Rider	500	-0.7057	-352.85	500	-0.2405	-120.25	232.60	-65.92%	-0.38%
Volumetric Deferral/Variance Account Rider	500	0.016	8.00	500	0.021	10.50	2.50	31.25%	0.03%
<b>Sub-Total: Distribution</b>			<b>7,315.87</b>			<b>8,208.95</b>	<b>893.08</b>	<b>12.21%</b>	<b>26.14%</b>
Retail Transmission Rate – Network Service Rate	500	1.6422	821.10	500	1.6422	821.10	0.00	0.00%	2.61%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.0516	525.80	500	1.0516	525.80	0.00	0.00%	1.67%
<b>Sub-Total: Retail Transmission</b>			<b>1,346.90</b>			<b>1,346.90</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.29%</b>
<b>Sub-Total: Delivery</b>			<b>8,662.77</b>			<b>9,555.85</b>	<b>893.08</b>	<b>10.31%</b>	<b>30.43%</b>
Wholesale Market Service Rate	185,675	0.0044	816.97	185,675	0.0044	816.97	0.00	0.00%	2.60%
Rural Rate Protection Charge	185,675	0.0012	222.81	185,675	0.0012	222.81	0.00	0.00%	0.71%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,040.03</b>			<b>1,040.03</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.31%</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>3.90%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>26,895.85</b>			<b>27,788.93</b>	<b>893.08</b>	<b>3.32%</b>	<b>88.50%</b>
<b>HST</b>		0.13	3,496.46		0.13	3,612.56	116.10	3.32%	11.50%
<b>Total Bill (including HST)</b>			<b>30,392.31</b>			<b>31,401.49</b>	<b>1,009.18</b>	<b>3.32%</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>30,392.31</b>			<b>31,401.49</b>	<b>1,009.18</b>	<b>3.32%</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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,750	0.086	1,354.50	15,750	0.086	1,354.50	0.00	0.00%	49.94%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,354.50</b>			<b>1,354.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>49.94%</b>
Service Charge	1	92.91	92.91	1	100.56	100.56	7.65	8.23%	3.71%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-4.33	-4.33	1	-1.47	-1.47	2.86	-66.05%	-0.05%
Fixed Deferral/Variance Account Rider	1	0.66	0.66	1	0.69	0.69	0.03	4.55%	0.03%
Distribution Volumetric Rate	60	8.6492	518.95	60	9.383	562.98	44.03	8.48%	20.76%
Volumetric Smoothing Rider	60	-0.403	-24.18	60	-0.1373	-8.24	15.94	-65.93%	-0.30%
Volumetric Deferral/Variance Account Rider	60	-0.043	-2.58	60	-0.0401	-2.41	0.17	-6.74%	-0.09%
<b>Sub-Total: Distribution</b>			<b>581.43</b>			<b>652.12</b>	<b>70.68</b>	<b>12.16%</b>	<b>24.04%</b>
Retail Transmission Rate – Network Service Rate	60	2.0526	123.16	60	2.0526	123.16	0.00	0.00%	4.54%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.2844	77.06	60	1.2844	77.06	0.00	0.00%	2.84%
<b>Sub-Total: Retail Transmission</b>			<b>200.22</b>			<b>200.22</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.38%</b>
<b>Sub-Total: Delivery</b>			<b>781.65</b>			<b>852.34</b>	<b>70.68</b>	<b>9.04%</b>	<b>31.42%</b>
Wholesale Market Service Rate	15,750	0.0044	69.30	15,750	0.0044	69.30	0.00	0.00%	2.56%
Rural Rate Protection Charge	15,750	0.0012	18.90	15,750	0.0012	18.90	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%	0.01%
<b>Sub-Total: Regulatory</b>			<b>88.45</b>			<b>88.45</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.26%</b>
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.87%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>2,329.60</b>			<b>2,400.29</b>	<b>70.68</b>	<b>3.03%</b>	<b>88.50%</b>
HST		0.13	302.85		0.13	312.04	9.19	3.03%	11.50%
<b>Total Bill (including HST)</b>			<b>2,632.45</b>			<b>2,712.32</b>	<b>79.87</b>	<b>3.03%</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>2,632.45</b>			<b>2,712.32</b>	<b>79.87</b>	<b>3.03%</b>	<b>100.00%</b>

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

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

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	36,750	0.086	3,160.50	36,750	0.086	3,160.50	0.00	0.00%	53.62%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>3,160.50</b>			<b>3,160.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.62%</b>
Service Charge	1	92.91	92.91	1	100.56	100.56	7.65	8.23%	1.71%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-4.33	-4.33	1	-1.47	-1.47	2.86	-66.05%	-0.02%
Fixed Deferral/Variance Account Rider	1	0.66	0.66	1	0.69	0.69	0.03	4.55%	0.01%
Distribution Volumetric Rate	120	8.6492	1,037.90	120	9.383	1,125.96	88.06	8.48%	19.10%
Volumetric Smoothing Rider	120	-0.403	-48.36	120	-0.1373	-16.48	31.88	-65.93%	-0.28%
Volumetric Deferral/Variance Account Rider	120	-0.043	-5.16	120	-0.0401	-4.81	0.35	-6.74%	-0.08%
<b>Sub-Total: Distribution</b>			<b>1,073.62</b>			<b>1,204.45</b>	<b>130.83</b>	<b>12.19%</b>	<b>20.43%</b>
Retail Transmission Rate – Network Service Rate	120	2.0526	246.31	120	2.0526	246.31	0.00	0.00%	4.18%
Retail Transmission Rate – Line and Transformation Connection Service Rate	120	1.2844	154.13	120	1.2844	154.13	0.00	0.00%	2.61%
<b>Sub-Total: Retail Transmission</b>			<b>400.44</b>			<b>400.44</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.79%</b>
<b>Sub-Total: Delivery</b>			<b>1,474.06</b>			<b>1,604.89</b>	<b>130.83</b>	<b>8.88%</b>	<b>27.23%</b>
Wholesale Market Service Rate	36,750	0.0044	161.70	36,750	0.0044	161.70	0.00	0.00%	2.74%
Rural Rate Protection Charge	36,750	0.0012	44.10	36,750	0.0012	44.10	0.00	0.00%	0.75%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>206.05</b>			<b>206.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.50%</b>
Debt Retirement Charge (DRC)	35,000	0.007	245.00	35,000	0.007	245.00	0.00	0.00%	4.16%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>5,085.61</b>			<b>5,216.44</b>	<b>130.83</b>	<b>2.57%</b>	<b>88.50%</b>
HST		0.13	661.13		0.13	678.14	17.01	2.57%	11.50%
<b>Total Bill (including HST)</b>			<b>5,746.74</b>			<b>5,894.58</b>	<b>147.84</b>	<b>2.57%</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>5,746.74</b>			<b>5,894.58</b>	<b>147.84</b>	<b>2.57%</b>	<b>100.00%</b>

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

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

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	183,750	0.086	15,802.50	183,750	0.086	15,802.50	0.00	0.00%	57.25%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>15,802.50</b>			<b>15,802.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.25%</b>
Service Charge	1	92.91	92.91	1	100.56	100.56	7.65	8.23%	0.36%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-4.33	-4.33	1	-1.47	-1.47	2.86	-66.05%	-0.01%
Fixed Deferral/Variance Account Rider	1	0.66	0.66	1	0.69	0.69	0.03	4.55%	0.00%
Distribution Volumetric Rate	500	8.6492	4,324.60	500	9.383	4,691.50	366.90	8.48%	17.00%
Volumetric Smoothing Rider	500	-0.403	-201.50	500	-0.1373	-68.65	132.85	-65.93%	-0.25%
Volumetric Deferral/Variance Account Rider	500	-0.043	-21.50	500	-0.0401	-20.05	1.45	-6.74%	-0.07%
<b>Sub-Total: Distribution</b>			<b>4,190.84</b>			<b>4,702.58</b>	<b>511.74</b>	<b>12.21%</b>	<b>17.04%</b>
Retail Transmission Rate – Network Service Rate	500	2.0526	1,026.30	500	2.0526	1,026.30	0.00	0.00%	3.72%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.2844	642.20	500	1.2844	642.20	0.00	0.00%	2.33%
<b>Sub-Total: Retail Transmission</b>			<b>1,668.50</b>			<b>1,668.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.04%</b>
<b>Sub-Total: Delivery</b>			<b>5,859.34</b>			<b>6,371.08</b>	<b>511.74</b>	<b>8.73%</b>	<b>23.08%</b>
Wholesale Market Service Rate	183,750	0.0044	808.50	183,750	0.0044	808.50	0.00	0.00%	2.93%
Rural Rate Protection Charge	183,750	0.0012	220.50	183,750	0.0012	220.50	0.00	0.00%	0.80%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,029.25</b>			<b>1,029.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.73%</b>
Debt Retirement Charge (DRC)	175,000	0.007	1,225.00	175,000	0.007	1,225.00	0.00	0.00%	4.44%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>23,916.09</b>			<b>24,427.83</b>	<b>511.74</b>	<b>2.14%</b>	<b>88.50%</b>
HST		0.13	3,109.09		0.13	3,175.62	66.53	2.14%	11.50%
<b>Total Bill (including HST)</b>			<b>27,025.18</b>			<b>27,603.45</b>	<b>578.27</b>	<b>2.14%</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>27,025.18</b>			<b>27,603.45</b>	<b>578.27</b>	<b>2.14%</b>	<b>100.00%</b>



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

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

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	318	0.086	27.37	318	0.086	27.37	0.00	0.00%	7.12%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>27.37</b>			<b>27.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.12%</b>
Service Charge	1	208.09	208.09	1	238.69	238.69	30.60	14.71%	62.12%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-9.7	-9.70	1	-3.49	-3.49	6.21	-64.02%	-0.91%
Fixed Deferral/Variance Account Rider	1	1.93	1.93	1	2.12	2.12	0.19	9.84%	0.55%
Distribution Volumetric Rate	10	4.7988	47.99	10	6.2919	62.92	14.93	31.11%	16.38%
Volumetric Smoothing Rider	10	-0.2236	-2.24	10	-0.092	-0.92	1.32	-58.86%	-0.24%
Volumetric Deferral/Variance Account Rider	10	0.0154	0.15	10	0.0268	0.27	0.11	74.03%	0.07%
<b>Sub-Total: Distribution</b>			<b>246.23</b>			<b>299.59</b>	<b>53.36</b>	<b>21.67%</b>	<b>77.97%</b>
Retail Transmission Rate – Network Service Rate	10	0.5491	5.49	10	0.5491	5.49	0.00	0.00%	1.43%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10	0.3443	3.44	10	0.3443	3.44	0.00	0.00%	0.90%
<b>Sub-Total: Retail Transmission</b>			<b>8.93</b>			<b>8.93</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.33%</b>
<b>Sub-Total: Delivery</b>			<b>255.16</b>			<b>308.52</b>	<b>53.36</b>	<b>20.91%</b>	<b>80.30%</b>
Wholesale Market Service Rate	318	0.0044	1.40	318	0.0044	1.40	0.00	0.00%	0.36%
Rural Rate Protection Charge	318	0.0012	0.38	318	0.0012	0.38	0.00	0.00%	0.10%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.07%
<b>Sub-Total: Regulatory</b>			<b>2.03</b>			<b>2.03</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.53%</b>
Debt Retirement Charge (DRC)	300	0.007	2.10	300	0.007	2.10	0.00	0.00%	0.55%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>286.67</b>			<b>340.03</b>	<b>53.36</b>	<b>18.61%</b>	<b>88.50%</b>
HST		0.13	37.27		0.13	44.20	6.94	18.61%	11.50%
<b>Total Bill (including HST)</b>			<b>323.93</b>			<b>384.23</b>	<b>60.30</b>	<b>18.61%</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>323.93</b>			<b>384.23</b>	<b>60.30</b>	<b>18.61%</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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	2,122	0.086	182.49	2,122	0.086	182.49	0.00	0.00%	27.45%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>182.49</b>			<b>182.49</b>	<b>0.00</b>	<b>0.00%</b>	<b>27.45%</b>
Service Charge	1	208.09	208.09	1	238.69	238.69	30.60	14.71%	35.90%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-9.7	-9.70	1	-3.49	-3.49	6.21	-64.02%	-0.52%
Fixed Deferral/Variance Account Rider	1	1.93	1.93	1	2.12	2.12	0.19	9.84%	0.32%
Distribution Volumetric Rate	20	4.7988	95.98	20	6.2919	125.84	29.86	31.11%	18.93%
Volumetric Smoothing Rider	20	-0.2236	-4.47	20	-0.092	-1.84	2.63	-58.86%	-0.28%
Volumetric Deferral/Variance Account Rider	20	0.0154	0.31	20	0.0268	0.54	0.23	74.03%	0.08%
<b>Sub-Total: Distribution</b>			<b>292.13</b>			<b>361.85</b>	<b>69.72</b>	<b>23.87%</b>	<b>54.43%</b>
Retail Transmission Rate – Network Service Rate	20	0.5491	10.98	20	0.5491	10.98	0.00	0.00%	1.65%
Retail Transmission Rate – Line and Transformation Connection Service Rate	20	0.3443	6.89	20	0.3443	6.89	0.00	0.00%	1.04%
<b>Sub-Total: Retail Transmission</b>			<b>17.87</b>			<b>17.87</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.69%</b>
<b>Sub-Total: Delivery</b>			<b>310.00</b>			<b>379.72</b>	<b>69.72</b>	<b>22.49%</b>	<b>57.12%</b>
Wholesale Market Service Rate	2,122	0.0044	9.34	2,122	0.0044	9.34	0.00	0.00%	1.40%
Rural Rate Protection Charge	2,122	0.0012	2.55	2,122	0.0012	2.55	0.00	0.00%	0.38%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.04%
<b>Sub-Total: Regulatory</b>			<b>12.13</b>			<b>12.13</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.83%</b>
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	2.11%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>518.63</b>			<b>588.35</b>	<b>69.72</b>	<b>13.44%</b>	<b>88.50%</b>
HST		0.13	67.42		0.13	76.49	9.06	13.44%	11.50%
<b>Total Bill (including HST)</b>			<b>586.05</b>			<b>664.83</b>	<b>78.79</b>	<b>13.44%</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>586.05</b>			<b>664.83</b>	<b>78.79</b>	<b>13.44%</b>	<b>100.00%</b>

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

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

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	5,305	0.086	456.23	5,305	0.086	456.23	0.00	0.00%	27.46%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>456.23</b>			<b>456.23</b>	<b>0.00</b>	<b>0.00%</b>	<b>27.46%</b>
Service Charge	1	208.09	208.09	1	238.69	238.69	30.60	14.71%	14.36%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-9.7	-9.70	1	-3.49	-3.49	6.21	-64.02%	-0.21%
Fixed Deferral/Variance Account Rider	1	1.93	1.93	1	2.12	2.12	0.19	9.84%	0.13%
Distribution Volumetric Rate	100	4.7988	479.88	100	6.2919	629.19	149.31	31.11%	37.86%
Volumetric Smoothing Rider	100	-0.2236	-22.36	100	-0.092	-9.20	13.16	-58.86%	-0.55%
Volumetric Deferral/Variance Account Rider	100	0.0154	1.54	100	0.0268	2.68	1.14	74.03%	0.16%
<b>Sub-Total: Distribution</b>			<b>659.38</b>			<b>859.99</b>	<b>200.61</b>	<b>30.42%</b>	<b>51.75%</b>
Retail Transmission Rate – Network Service Rate	100	0.5491	54.91	100	0.5491	54.91	0.00	0.00%	3.30%
Retail Transmission Rate – Line and Transformation Connection Service Rate	100	0.3443	34.43	100	0.3443	34.43	0.00	0.00%	2.07%
<b>Sub-Total: Retail Transmission</b>			<b>89.34</b>			<b>89.34</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.38%</b>
<b>Sub-Total: Delivery</b>			<b>748.72</b>			<b>949.33</b>	<b>200.61</b>	<b>26.79%</b>	<b>57.13%</b>
Wholesale Market Service Rate	5,305	0.0044	23.34	5,305	0.0044	23.34	0.00	0.00%	1.40%
Rural Rate Protection Charge	5,305	0.0012	6.37	5,305	0.0012	6.37	0.00	0.00%	0.38%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.02%
<b>Sub-Total: Regulatory</b>			<b>29.96</b>			<b>29.96</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.80%</b>
Debt Retirement Charge (DRC)	5,000	0.007	35.00	5,000	0.007	35.00	0.00	0.00%	2.11%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>1,269.91</b>			<b>1,470.52</b>	<b>200.61</b>	<b>15.80%</b>	<b>88.50%</b>
HST		0.13	165.09		0.13	191.17	26.08	15.80%	11.50%
<b>Total Bill (including HST)</b>			<b>1,435.00</b>			<b>1,661.69</b>	<b>226.69</b>	<b>15.80%</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>1,435.00</b>			<b>1,661.69</b>	<b>226.69</b>	<b>15.80%</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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	206,800	0.086	17,784.80	206,800	0.086	17,784.80	0.00	0.00%	61.89%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>17,784.80</b>			<b>17,784.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>61.89%</b>
Service Charge	1	1223.95	1,223.95	1	1258.49	1,258.49	34.54	2.82%	4.38%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-43.24	-43.24	1	-14.19	-14.19	29.05	-67.18%	-0.05%
Fixed Deferral/Variance Account Rider	1	6.5	6.50	1	6.55	6.55	0.05	0.77%	0.02%
Distribution Volumetric Rate	500	1.25	625.00	500	1.3182	659.10	34.10	5.46%	2.29%
Volumetric Smoothing Rider	500	-0.063	-31.50	500	-0.0207	-10.35	21.15	-67.14%	-0.04%
Volumetric Deferral/Variance Account Rider	500	0.1891	94.55	500	0.1875	93.75	-0.80	-0.85%	0.33%
<b>Sub-Total: Distribution</b>			<b>1,875.26</b>			<b>1,993.35</b>	<b>118.09</b>	<b>6.30%</b>	<b>6.94%</b>
Retail Transmission Rate – Network Service Rate	500	3.5654	1,782.70	500	3.5654	1,782.70	0.00	0.00%	6.20%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	2.6212	1,310.60	500	2.6212	1,310.60	0.00	0.00%	4.56%
<b>Sub-Total: Retail Transmission</b>			<b>3,093.30</b>			<b>3,093.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>10.76%</b>
<b>Sub-Total: Delivery</b>			<b>4,968.56</b>			<b>5,086.65</b>	<b>118.09</b>	<b>2.38%</b>	<b>17.70%</b>
Wholesale Market Service Rate	206,800	0.0044	909.92	206,800	0.0044	909.92	0.00	0.00%	3.17%
Rural Rate Protection Charge	206,800	0.0012	248.16	206,800	0.0012	248.16	0.00	0.00%	0.86%
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>1,158.33</b>			<b>1,158.33</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.03%</b>
Debt Retirement Charge (DRC)	200,000	0.007	1,400.00	200,000	0.007	1,400.00	0.00	0.00%	4.87%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>25,311.69</b>			<b>25,429.78</b>	<b>118.09</b>	<b>0.47%</b>	<b>88.50%</b>
<b>HST</b>		0.13	3,290.52		0.13	3,305.87	15.35	0.47%	11.50%
<b>Total Bill (including HST)</b>			<b>28,602.21</b>			<b>28,735.65</b>	<b>133.44</b>	<b>0.47%</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>28,602.21</b>			<b>28,735.65</b>	<b>133.44</b>	<b>0.47%</b>	<b>100.00%</b>

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

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

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	517,000	0.086	44,462.00	517,000	0.086	44,462.00	0.00	0.00%	65.82%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>44,462.00</b>			<b>44,462.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>65.82%</b>
Service Charge	1	1223.95	1,223.95	1	1258.49	1,258.49	34.54	2.82%	1.86%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-43.24	-43.24	1	-14.19	-14.19	29.05	-67.18%	-0.02%
Fixed Deferral/Variance Account Rider	1	6.5	6.50	1	6.55	6.55	0.05	0.77%	0.01%
Distribution Volumetric Rate	1,000	1.25	1,250.00	1,000	1.3182	1,318.20	68.20	5.46%	1.95%
Volumetric Smoothing Rider	1,000	-0.063	-63.00	1,000	-0.0207	-20.70	42.30	-67.14%	-0.03%
Volumetric Deferral/Variance Account Rider	1,000	0.1891	189.10	1,000	0.1875	187.50	-1.60	-0.85%	0.28%
<b>Sub-Total: Distribution</b>			<b>2,563.31</b>			<b>2,735.85</b>	<b>172.54</b>	<b>6.73%</b>	<b>4.05%</b>
Retail Transmission Rate – Network Service Rate	1,000	3.5654	3,565.40	1,000	3.5654	3,565.40	0.00	0.00%	5.28%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,000	2.6212	2,621.20	1,000	2.6212	2,621.20	0.00	0.00%	3.88%
<b>Sub-Total: Retail Transmission</b>			<b>6,186.60</b>			<b>6,186.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>9.16%</b>
<b>Sub-Total: Delivery</b>			<b>8,749.91</b>			<b>8,922.45</b>	<b>172.54</b>	<b>1.97%</b>	<b>13.21%</b>
Wholesale Market Service Rate	517,000	0.0044	2,274.80	517,000	0.0044	2,274.80	0.00	0.00%	3.37%
Rural Rate Protection Charge	517,000	0.0012	620.40	517,000	0.0012	620.40	0.00	0.00%	0.92%
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>2,895.45</b>			<b>2,895.45</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.29%</b>
Debt Retirement Charge (DRC)	500,000	0.007	3,500.00	500,000	0.007	3,500.00	0.00	0.00%	5.18%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>59,607.36</b>			<b>59,779.90</b>	<b>172.54</b>	<b>0.29%</b>	<b>88.50%</b>
<b>HST</b>		0.13	7,748.96		0.13	7,771.39	22.43	0.29%	11.50%
<b>Total Bill (including HST)</b>			<b>67,356.32</b>			<b>67,551.29</b>	<b>194.97</b>	<b>0.29%</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>67,356.32</b>			<b>67,551.29</b>	<b>194.97</b>	<b>0.29%</b>	<b>100.00%</b>

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

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

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	4,136,000	0.086	355,696.00	4,136,000	0.086	355,696.00	0.00	0.00%	64.93%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>355,696.00</b>			<b>355,696.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>64.93%</b>
Service Charge	1	1223.95	1,223.95	1	1258.49	1,258.49	34.54	2.82%	0.23%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-43.24	-43.24	1	-14.19	-14.19	29.05	-67.18%	0.00%
Fixed Deferral/Variance Account Rider	1	6.5	6.50	1	6.55	6.55	0.05	0.77%	0.00%
Distribution Volumetric Rate	10,000	1.25	12,500.00	10,000	1.3182	13,182.00	682.00	5.46%	2.41%
Volumetric Smoothing Rider	10,000	-0.063	-630.00	10,000	-0.0207	-207.00	423.00	-67.14%	-0.04%
Volumetric Deferral/Variance Account Rider	10,000	0.1891	1,891.00	10,000	0.1875	1,875.00	-16.00	-0.85%	0.34%
<b>Sub-Total: Distribution</b>			<b>14,948.21</b>			<b>16,100.85</b>	<b>1,152.64</b>	<b>7.71%</b>	<b>2.94%</b>
Retail Transmission Rate – Network Service Rate	10,000	3.5654	35,654.00	10,000	3.5654	35,654.00	0.00	0.00%	6.51%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,000	2.6212	26,212.00	10,000	2.6212	26,212.00	0.00	0.00%	4.78%
<b>Sub-Total: Retail Transmission</b>			<b>61,866.00</b>			<b>61,866.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>11.29%</b>
<b>Sub-Total: Delivery</b>			<b>76,814.21</b>			<b>77,966.85</b>	<b>1,152.64</b>	<b>1.50%</b>	<b>14.23%</b>
Wholesale Market Service Rate	4,136,000	0.0044	18,198.40	4,136,000	0.0044	18,198.40	0.00	0.00%	3.32%
Rural Rate Protection Charge	4,136,000	0.0012	4,963.20	4,136,000	0.0012	4,963.20	0.00	0.00%	0.91%
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>23,161.85</b>			<b>23,161.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.23%</b>
Debt Retirement Charge (DRC)	4,000,000	0.007	28,000.00	4,000,000	0.007	28,000.00	0.00	0.00%	5.11%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>483,672.06</b>			<b>484,824.70</b>	<b>1,152.64</b>	<b>0.24%</b>	<b>88.50%</b>
<b>HST</b>		0.13	62,877.37		0.13	63,027.21	149.84	0.24%	11.50%
<b>Total Bill (including HST)</b>			<b>546,549.43</b>			<b>547,851.91</b>	<b>1,302.48</b>	<b>0.24%</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>546,549.43</b>			<b>547,851.91</b>	<b>1,302.48</b>	<b>0.24%</b>	<b>100.00%</b>

**2018 Bill Impacts (Low Consumption Level)**

Rate Class	UR
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	105.7
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	24.01%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>24.01%</b>	
TOU-Off Peak	64	0.075	4.80	64	0.075	4.80	0.00	0.00%		13.15%
TOU-Mid Peak	18	0.112	2.02	18	0.112	2.02	0.00	0.00%		5.52%
TOU-On Peak	18	0.135	2.43	18	0.135	2.43	0.00	0.00%		6.66%
<b>Sub-Total: Energy (TOU)</b>			<b>9.25</b>			<b>9.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>25.81%</b>	<b>25.32%</b>
Service Charge	1	20.68	20.68	1	20.01	20.01	-0.67	-3.24%	55.86%	54.80%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-0.3	-0.30	1	0.53	0.53	0.83	-276.67%	1.48%	1.45%
Fixed Deferral/Variance Account Rider	1	0.23	0.23	1	0.22	0.22	-0.01	-4.35%	0.61%	0.60%
Distribution Volumetric Rate	100	0.0179	1.79	100	0.0174	1.74	-0.05	-2.79%	4.86%	4.77%
Volumetric Smoothing Rider	100	-0.0003	-0.03	100	0.0005	0.05	0.08	-266.67%	0.14%	0.14%
Volumetric Deferral/Variance Account Rider	100	-0.0001	-0.01	100	-0.0001	-0.01	0.00	0.00%	-0.03%	-0.03%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>22.36</b>			<b>22.54</b>	<b>0.18</b>	<b>0.81%</b>	<b>62.93%</b>	<b>61.73%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	2.21%	2.16%
Line Losses on Cost of Power (based on two-tier RPP prices)	6	0.09	0.49	6	0.09	0.49	0.00	0.00%	1.37%	1.34%
Line Losses on Cost of Power (based on TOU prices)	6	0.09	0.53	6	0.09	0.53	0.00	0.00%	1.47%	1.44%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>23.64</b>			<b>23.82</b>	<b>0.18</b>	<b>0.76%</b>	<b>66.50%</b>	<b>65.24%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>23.68</b>			<b>23.86</b>	<b>0.18</b>	<b>0.76%</b>	<b>66.60%</b>	<b>65.34%</b>
Retail Transmission Rate – Network Service Rate	106	0.0071	0.75	106	0.0071	0.75	0.00	0.00%	2.10%	2.06%
Retail Transmission Rate – Line and Transformation Connection S	106	0.0048	0.51	106	0.0048	0.51	0.00	0.00%	1.42%	1.39%
<b>Sub-Total: Retail Transmission</b>			<b>1.26</b>			<b>1.26</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.51%</b>	<b>3.44%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>24.90</b>			<b>25.08</b>	<b>0.18</b>	<b>0.72%</b>	<b>70.01%</b>	<b>68.68%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>24.93</b>			<b>25.11</b>	<b>0.18</b>	<b>0.72%</b>	<b>70.12%</b>	<b>68.78%</b>
Wholesale Market Service Rate	106	0.0044	0.47	106	0.0044	0.47	0.00	0.00%	1.30%	1.27%
Rural Rate Protection Charge	106	0.0012	0.13	106	0.0012	0.13	0.00	0.00%	0.35%	0.35%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.70%	0.68%
<b>Sub-Total: Regulatory</b>			<b>0.84</b>			<b>0.84</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.35%</b>	<b>2.31%</b>
<b>Debt Retirement Charge (DRC)</b>	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	1.95%	1.92%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>35.04</b>			<b>35.22</b>	<b>0.18</b>	<b>0.51%</b>	<b>98.33%</b>	
HST		0.13	4.56		0.13	4.58	0.02	0.51%	12.78%	
<b>Total Bill (including HST)</b>			<b>39.60</b>			<b>39.80</b>	<b>0.20</b>	<b>0.51%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-3.96		-0.10	-3.98	-0.02	0.51%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>35.64</b>			<b>35.82</b>	<b>0.18</b>	<b>0.51%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>35.72</b>			<b>35.90</b>	<b>0.18</b>	<b>0.50%</b>		<b>98.33%</b>
HST		0.13	4.64		0.13	4.67	0.02	0.50%		12.78%
<b>Total Bill (including HST)</b>			<b>40.37</b>			<b>40.57</b>	<b>0.20</b>	<b>0.50%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-4.04		-0.10	-4.06	-0.02	0.50%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>36.33</b>			<b>36.51</b>	<b>0.18</b>	<b>0.50%</b>		<b>100.00%</b>

**2018 Bill Impacts (Typical Consumption Level)**

Rate Class	UR
Monthly Consumption (kWh)	800
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	845.6
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	38.19%	
Energy Second Tier (kWh)	200	0.101	20.20	200	0.101	20.20	0.00	0.00%	14.95%	
<b>Sub-Total: Energy (RPP)</b>			<b>71.80</b>			<b>71.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.15%</b>	
TOU-Off Peak	512	0.075	38.40	512	0.075	38.40	0.00	0.00%		28.05%
TOU-Mid Peak	144	0.112	16.13	144	0.112	16.13	0.00	0.00%		11.78%
TOU-On Peak	144	0.135	19.44	144	0.135	19.44	0.00	0.00%		14.20%
<b>Sub-Total: Energy (TOU)</b>			<b>73.97</b>			<b>73.97</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.75%</b>	<b>54.03%</b>
Service Charge	1	20.68	20.68	1	20.01	20.01	-0.67	-3.24%	14.81%	14.62%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-0.3	-0.30	1	0.53	0.53	0.83	-276.67%	0.39%	0.39%
Fixed Deferral/Variance Account Rider	1	0.23	0.23	1	0.22	0.22	-0.01	-4.35%	0.16%	0.16%
Distribution Volumetric Rate	800	0.0179	14.32	800	0.0174	13.92	-0.40	-2.79%	10.30%	10.17%
Volumetric Smoothing Rider	800	-0.0003	-0.24	800	0.0005	0.40	0.64	-266.67%	0.30%	0.29%
Volumetric Deferral/Variance Account Rider	800	-0.0001	-0.08	800	-0.0001	-0.08	0.00	0.00%	-0.06%	-0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>34.61</b>			<b>35.00</b>	<b>0.39</b>	<b>1.13%</b>	<b>25.91%</b>	<b>25.56%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.58%	0.58%
Line Losses on Cost of Power (based on two-tier RPP prices)	46	0.10	4.61	46	0.10	4.61	0.00	0.00%	3.41%	3.36%
Line Losses on Cost of Power (based on TOU prices)	46	0.09	4.22	46	0.09	4.22	0.00	0.00%	3.12%	3.08%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>40.01</b>			<b>40.40</b>	<b>0.39</b>	<b>0.97%</b>	<b>29.90%</b>	<b>29.51%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>39.62</b>			<b>40.01</b>	<b>0.39</b>	<b>0.98%</b>	<b>29.61%</b>	<b>29.22%</b>
Retail Transmission Rate – Network Service Rate	846	0.0071	6.00	846	0.0071	6.00	0.00	0.00%	4.44%	4.39%
Retail Transmission Rate – Line and Transformation Connection S	846	0.0048	4.06	846	0.0048	4.06	0.00	0.00%	3.00%	2.96%
<b>Sub-Total: Retail Transmission</b>			<b>10.06</b>			<b>10.06</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.45%</b>	<b>7.35%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>50.07</b>			<b>50.46</b>	<b>0.39</b>	<b>0.78%</b>	<b>37.35%</b>	<b>36.85%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>49.68</b>			<b>50.07</b>	<b>0.39</b>	<b>0.79%</b>	<b>37.06%</b>	<b>36.57%</b>
Wholesale Market Service Rate	846	0.0044	3.72	846	0.0044	3.72	0.00	0.00%	2.75%	2.72%
Rural Rate Protection Charge	846	0.0012	1.01	846	0.0012	1.01	0.00	0.00%	0.75%	0.74%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.19%	0.18%
<b>Sub-Total: Regulatory</b>			<b>4.99</b>			<b>4.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.69%</b>	<b>3.64%</b>
<b>Debt Retirement Charge (DRC)</b>	800	0.007	5.60	800	0.007	5.60	0.00	0.00%	4.15%	4.09%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>132.45</b>			<b>132.84</b>	<b>0.39</b>	<b>0.29%</b>	<b>98.33%</b>	
HST		0.13	17.22		0.13	17.27	0.05	0.29%	12.78%	
<b>Total Bill (including HST)</b>			<b>149.67</b>			<b>150.11</b>	<b>0.44</b>	<b>0.29%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-14.97		-0.10	-15.01	-0.04	0.29%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>134.71</b>			<b>135.10</b>	<b>0.40</b>	<b>0.29%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>134.23</b>			<b>134.62</b>	<b>0.39</b>	<b>0.29%</b>		<b>98.33%</b>
HST		0.13	17.45		0.13	17.50	0.05	0.29%		12.78%
<b>Total Bill (including HST)</b>			<b>151.68</b>			<b>152.12</b>	<b>0.44</b>	<b>0.29%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-15.17		-0.10	-15.21	-0.04	0.29%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>136.51</b>			<b>136.91</b>	<b>0.40</b>	<b>0.29%</b>		<b>100.00%</b>



**2018 Bill Impacts (High Consumption Level)**

Rate Class	UR
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	2114
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	16.21%	
Energy Second Tier (kWh)	1,400	0.101	141.40	1,400	0.101	141.40	0.00	0.00%	44.43%	
<b>Sub-Total: Energy (RPP)</b>			<b>193.00</b>			<b>193.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>60.65%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		31.07%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		13.05%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		15.73%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>58.11%</b>	<b>59.84%</b>
Service Charge	1	20.68	20.68	1	20.01	20.01	-0.67	-3.24%	6.29%	6.48%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-0.3	-0.30	1	0.53	0.53	0.83	-276.67%	0.17%	0.17%
Fixed Deferral/Variance Account Rider	1	0.23	0.23	1	0.22	0.22	-0.01	-4.35%	0.07%	0.07%
Distribution Volumetric Rate	2,000	0.0179	35.80	2,000	0.0174	34.80	-1.00	-2.79%	10.94%	11.26%
Volumetric Smoothing Rider	2,000	-0.0003	-0.60	2,000	0.0005	1.00	1.60	-266.67%	0.31%	0.32%
Volumetric Deferral/Variance Account Rider	2,000	-0.0001	-0.20	2,000	-0.0001	-0.20	0.00	0.00%	-0.06%	-0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>55.61</b>			<b>56.36</b>	<b>0.75</b>	<b>1.35%</b>	<b>17.71%</b>	<b>18.24%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.25%	0.26%
Line Losses on Cost of Power (based on two-tier RPP prices)	114	0.10	11.51	114	0.10	11.51	0.00	0.00%	3.62%	3.73%
Line Losses on Cost of Power (based on TOU prices)	114	0.09	10.54	114	0.09	10.54	0.00	0.00%	3.31%	3.41%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>67.91</b>			<b>68.66</b>	<b>0.75</b>	<b>1.10%</b>	<b>21.58%</b>	<b>22.22%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>66.94</b>			<b>67.69</b>	<b>0.75</b>	<b>1.12%</b>	<b>21.27%</b>	<b>21.90%</b>
Retail Transmission Rate – Network Service Rate	2,114	0.0071	15.01	2,114	0.0071	15.01	0.00	0.00%	4.72%	4.86%
Retail Transmission Rate – Line and Transformation Connection S	2,114	0.0048	10.15	2,114	0.0048	10.15	0.00	0.00%	3.19%	3.28%
<b>Sub-Total: Retail Transmission</b>			<b>25.16</b>			<b>25.16</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.91%</b>	<b>8.14%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>93.07</b>			<b>93.82</b>	<b>0.75</b>	<b>0.81%</b>	<b>29.48%</b>	<b>30.36%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>92.10</b>			<b>92.85</b>	<b>0.75</b>	<b>0.81%</b>	<b>29.18%</b>	<b>30.05%</b>
Wholesale Market Service Rate	2,114	0.0044	9.30	2,114	0.0044	9.30	0.00	0.00%	2.92%	3.01%
Rural Rate Protection Charge	2,114	0.0012	2.54	2,114	0.0012	2.54	0.00	0.00%	0.80%	0.82%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Regulatory</b>			<b>12.09</b>			<b>12.09</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.80%</b>	<b>3.91%</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>4.40%</b>	<b>4.53%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>312.16</b>			<b>312.91</b>	<b>0.75</b>	<b>0.24%</b>	<b>98.33%</b>	
HST		0.13	40.58		0.13	40.68	0.10	0.24%	12.78%	
<b>Total Bill (including HST)</b>			<b>352.74</b>			<b>353.59</b>	<b>0.85</b>	<b>0.24%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-35.27		-0.10	-35.36	-0.08	0.24%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>317.47</b>			<b>318.23</b>	<b>0.76</b>	<b>0.24%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>303.11</b>			<b>303.86</b>	<b>0.75</b>	<b>0.25%</b>		<b>98.33%</b>
HST		0.13	39.40		0.13	39.50	0.10	0.25%		12.78%
<b>Total Bill (including HST)</b>			<b>342.51</b>			<b>343.36</b>	<b>0.85</b>	<b>0.25%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-34.25		-0.10	-34.34	-0.08	0.25%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>308.26</b>			<b>309.02</b>	<b>0.76</b>	<b>0.25%</b>		<b>100.00%</b>

**2018 Bill Impacts (Low Consumption Level)**

Rate Class	R1
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	107.6
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	18.65%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>18.65%</b>	
TOU-Off Peak	64	0.075	4.80	64	0.075	4.80	0.00	0.00%		10.25%
TOU-Mid Peak	18	0.112	2.02	18	0.112	2.02	0.00	0.00%		4.31%
TOU-On Peak	18	0.135	2.43	18	0.135	2.43	0.00	0.00%		5.19%
<b>Sub-Total: Energy (TOU)</b>			<b>9.25</b>			<b>9.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>20.05%</b>	<b>19.75%</b>
Service Charge	1	29.16	29.16	1	28.31	28.31	-0.85	-2.91%	61.39%	60.47%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-0.43	-0.43	1	0.74	0.74	1.17	-272.09%	1.60%	1.58%
Fixed Deferral/Variance Account Rider	1	0.28	0.28	1	0.27	0.27	-0.01	-3.57%	0.59%	0.58%
Distribution Volumetric Rate	100	0.0323	3.23	100	0.0315	3.15	-0.08	-2.48%	6.83%	6.73%
Volumetric Smoothing Rider	100	-0.0005	-0.05	100	0.0008	0.08	0.13	-260.00%	0.17%	0.17%
Volumetric Deferral/Variance Account Rider	100	0.0000	0.00	100	-0.0001	-0.01	-0.01	0.00%	-0.02%	-0.02%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>32.19</b>			<b>32.54</b>	<b>0.35</b>	<b>1.09%</b>	<b>70.57%</b>	<b>69.50%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.71%	1.69%
Line Losses on Cost of Power (based on two-tier RPP prices)	8	0.09	0.65	8	0.09	0.65	0.00	0.00%	1.42%	1.40%
Line Losses on Cost of Power (based on TOU prices)	8	0.09	0.70	8	0.09	0.70	0.00	0.00%	1.52%	1.50%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>33.63</b>			<b>33.98</b>	<b>0.35</b>	<b>1.04%</b>	<b>73.70%</b>	<b>72.59%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>33.68</b>			<b>34.03</b>	<b>0.35</b>	<b>1.04%</b>	<b>73.80%</b>	<b>72.69%</b>
Retail Transmission Rate – Network Service Rate	108	0.0066	0.71	108	0.0066	0.71	0.00	0.00%	1.54%	1.52%
Retail Transmission Rate – Line and Transformation Connection	108	0.0046	0.49	108	0.0046	0.49	0.00	0.00%	1.07%	1.06%
<b>Sub-Total: Retail Transmission</b>			<b>1.21</b>			<b>1.21</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.61%</b>	<b>2.57%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>34.84</b>			<b>35.19</b>	<b>0.35</b>	<b>1.00%</b>	<b>76.31%</b>	<b>75.16%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>34.89</b>			<b>35.24</b>	<b>0.35</b>	<b>1.00%</b>	<b>76.42%</b>	<b>75.26%</b>
Wholesale Market Service Rate	108	0.0044	0.47	108	0.0044	0.47	0.00	0.00%	1.03%	1.01%
Rural Rate Protection Charge	108	0.0012	0.13	108	0.0012	0.13	0.00	0.00%	0.28%	0.28%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.54%	0.53%
<b>Sub-Total: Regulatory</b>			<b>0.85</b>			<b>0.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.85%</b>	<b>1.82%</b>
<b>Debt Retirement Charge (DRC)</b>	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	1.52%	1.50%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>44.99</b>			<b>45.34</b>	<b>0.35</b>	<b>0.78%</b>	<b>98.33%</b>	
HST		0.13	5.85		0.13	5.89	0.05	0.78%	12.78%	
<b>Total Bill (including HST)</b>			<b>50.84</b>			<b>51.24</b>	<b>0.40</b>	<b>0.78%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-5.08		-0.10	-5.12	-0.04	0.78%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>45.76</b>			<b>46.11</b>	<b>0.36</b>	<b>0.78%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>45.69</b>			<b>46.04</b>	<b>0.35</b>	<b>0.77%</b>		<b>98.33%</b>
HST		0.13	5.94		0.13	5.98	0.05	0.77%	12.78%	
<b>Total Bill (including HST)</b>			<b>51.63</b>			<b>52.02</b>	<b>0.40</b>	<b>0.77%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-5.16		-0.10	-5.20	-0.04	0.77%	-11.11%	
<b>Total Bill on TOU (including OCEB)</b>			<b>46.46</b>			<b>46.82</b>	<b>0.36</b>	<b>0.77%</b>		<b>100.00%</b>

**2018 Bill Impacts (Typical Consumption Level)**

Rate Class	R1
Monthly Consumption (kWh)	800
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	860.8
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	32.92%	
Energy Second Tier (kWh)	200	0.101	20.20	200	0.101	20.20	0.00	0.00%	12.89%	
<b>Sub-Total: Energy (RPP)</b>			<b>71.80</b>			<b>71.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.81%</b>	
TOU-Off Peak	512	0.075	38.40	512	0.075	38.40	0.00	0.00%		24.24%
TOU-Mid Peak	144	0.112	16.13	144	0.112	16.13	0.00	0.00%		10.18%
TOU-On Peak	144	0.135	19.44	144	0.135	19.44	0.00	0.00%		12.27%
<b>Sub-Total: Energy (TOU)</b>			<b>73.97</b>			<b>73.97</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.19%</b>	<b>46.69%</b>
Service Charge	1	29.16	29.16	1	28.31	28.31	-0.85	-2.91%	18.06%	17.87%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-0.43	-0.43	1	0.74	0.74	1.17	-272.09%	0.47%	0.47%
Fixed Deferral/Variance Account Rider	1	0.28	0.28	1	0.27	0.27	-0.01	-3.57%	0.17%	0.17%
Distribution Volumetric Rate	800	0.0323	25.84	800	0.0315	25.20	-0.64	-2.48%	16.08%	15.91%
Volumetric Smoothing Rider	800	-0.0005	-0.40	800	0.0008	0.64	1.04	-260.00%	0.41%	0.40%
Volumetric Deferral/Variance Account Rider	800	0.0000	0.00	800	-0.0001	-0.08	-0.08	0.00%	-0.05%	-0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>54.45</b>			<b>55.08</b>	<b>0.63</b>	<b>1.16%</b>	<b>35.14%</b>	<b>34.77%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.50%	0.50%
Line Losses on Cost of Power (based on two-tier RPP prices)	61	0.10	6.14	61	0.10	6.14	0.00	0.00%	3.92%	3.88%
Line Losses on Cost of Power (based on TOU prices)	61	0.09	5.62	61	0.09	5.62	0.00	0.00%	3.59%	3.55%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>61.38</b>			<b>62.01</b>	<b>0.63</b>	<b>1.03%</b>	<b>39.56%</b>	<b>39.14%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>60.86</b>			<b>61.49</b>	<b>0.63</b>	<b>1.04%</b>	<b>39.23%</b>	<b>38.82%</b>
Retail Transmission Rate – Network Service Rate	861	0.0066	5.68	861	0.0066	5.68	0.00	0.00%	3.62%	3.59%
Retail Transmission Rate – Line and Transformation Connection S	861	0.0046	3.96	861	0.0046	3.96	0.00	0.00%	2.53%	2.50%
<b>Sub-Total: Retail Transmission</b>			<b>9.64</b>			<b>9.64</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.15%</b>	<b>6.09%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>71.02</b>			<b>71.65</b>	<b>0.63</b>	<b>0.89%</b>	<b>45.71%</b>	<b>45.23%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>70.50</b>			<b>71.13</b>	<b>0.63</b>	<b>0.89%</b>	<b>45.38%</b>	<b>44.90%</b>
Wholesale Market Service Rate	861	0.0044	3.79	861	0.0044	3.79	0.00	0.00%	2.42%	2.39%
Rural Rate Protection Charge	861	0.0012	1.03	861	0.0012	1.03	0.00	0.00%	0.66%	0.65%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.16%	0.16%
<b>Sub-Total: Regulatory</b>			<b>5.07</b>			<b>5.07</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.23%</b>	<b>3.20%</b>
<b>Debt Retirement Charge (DRC)</b>	800	0.007	<b>5.60</b>	800	0.007	<b>5.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.57%</b>	<b>3.53%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>153.49</b>			<b>154.12</b>	<b>0.63</b>	<b>0.41%</b>	<b>98.33%</b>	
HST		0.13	19.95		0.13	20.04	0.08	0.41%	12.78%	
<b>Total Bill (including HST)</b>			<b>173.45</b>			<b>174.16</b>	<b>0.71</b>	<b>0.41%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-17.34		-0.10	-17.42	-0.07	0.41%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>156.10</b>			<b>156.74</b>	<b>0.64</b>	<b>0.41%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>155.14</b>			<b>155.77</b>	<b>0.63</b>	<b>0.41%</b>		<b>98.33%</b>
HST		0.13	20.17		0.13	20.25	0.08	0.41%		12.78%
<b>Total Bill (including HST)</b>			<b>175.31</b>			<b>176.02</b>	<b>0.71</b>	<b>0.41%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-17.53		-0.10	-17.60	-0.07	0.41%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>157.78</b>			<b>158.42</b>	<b>0.64</b>	<b>0.41%</b>		<b>100.00%</b>

**2018 Bill Impacts (High Consumption Level)**

Rate Class	R1
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	2152
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	14.36%	
Energy Second Tier (kWh)	1,400	0.101	141.40	1,400	0.101	141.40	0.00	0.00%	39.36%	
<b>Sub-Total: Energy (RPP)</b>			<b>193.00</b>			<b>193.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.72%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		27.45%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		11.53%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		13.90%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.47%</b>	<b>52.87%</b>
Service Charge	1	29.16	29.16	1	28.31	28.31	-0.85	-2.91%	7.88%	8.09%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-0.43	-0.43	1	0.74	0.74	1.17	-272.09%	0.21%	0.21%
Fixed Deferral/Variance Account Rider	1	0.28	0.28	1	0.27	0.27	-0.01	-3.57%	0.08%	0.08%
Distribution Volumetric Rate	2,000	0.0323	64.60	2,000	0.0315	63.00	-1.60	-2.48%	17.54%	18.01%
Volumetric Smoothing Rider	2,000	-0.0005	-1.00	2,000	0.0008	1.60	2.60	-260.00%	0.45%	0.46%
Volumetric Deferral/Variance Account Rider	2,000	0.0000	0.00	2,000	-0.0001	-0.20	-0.20	0.00%	-0.06%	-0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>92.61</b>			<b>93.72</b>	<b>1.11</b>	<b>1.20%</b>	<b>26.09%</b>	<b>26.80%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.22%	0.23%
Line Losses on Cost of Power (based on two-tier RPP prices)	152	0.10	15.35	152	0.10	15.35	0.00	0.00%	4.27%	4.39%
Line Losses on Cost of Power (based on TOU prices)	152	0.09	14.05	152	0.09	14.05	0.00	0.00%	3.91%	4.02%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>108.75</b>			<b>109.86</b>	<b>1.11</b>	<b>1.02%</b>	<b>30.58%</b>	<b>31.41%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>107.45</b>			<b>108.56</b>	<b>1.11</b>	<b>1.03%</b>	<b>30.22%</b>	<b>31.04%</b>
Retail Transmission Rate – Network Service Rate	2,152	0.0066	14.20	2,152	0.0066	14.20	0.00	0.00%	3.95%	4.06%
Retail Transmission Rate – Line and Transformation Connection S	2,152	0.0046	9.90	2,152	0.0046	9.90	0.00	0.00%	2.76%	2.83%
<b>Sub-Total: Retail Transmission</b>			<b>24.10</b>			<b>24.10</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.71%</b>	<b>6.89%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>132.85</b>			<b>133.96</b>	<b>1.11</b>	<b>0.84%</b>	<b>37.29%</b>	<b>38.30%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>131.56</b>			<b>132.67</b>	<b>1.11</b>	<b>0.84%</b>	<b>36.93%</b>	<b>37.93%</b>
Wholesale Market Service Rate	2,152	0.0044	9.47	2,152	0.0044	9.47	0.00	0.00%	2.64%	2.71%
Rural Rate Protection Charge	2,152	0.0012	2.58	2,152	0.0012	2.58	0.00	0.00%	0.72%	0.74%
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>12.30</b>			<b>12.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.42%</b>	<b>3.52%</b>
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	3.90%	4.00%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>352.16</b>			<b>353.27</b>	<b>1.11</b>	<b>0.32%</b>	<b>98.33%</b>	
HST		0.13	45.78		0.13	45.92	0.14	0.32%	12.78%	
<b>Total Bill (including HST)</b>			<b>397.94</b>			<b>399.19</b>	<b>1.25</b>	<b>0.32%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-39.79		-0.10	-39.92	-0.13	0.32%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>358.14</b>			<b>359.27</b>	<b>1.13</b>	<b>0.32%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>342.78</b>			<b>343.89</b>	<b>1.11</b>	<b>0.32%</b>		<b>98.33%</b>
HST		0.13	44.56		0.13	44.71	0.14	0.32%		12.78%
<b>Total Bill (including HST)</b>			<b>387.34</b>			<b>388.59</b>	<b>1.25</b>	<b>0.32%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-38.73		-0.10	-38.86	-0.13	0.32%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>348.60</b>			<b>349.73</b>	<b>1.13</b>	<b>0.32%</b>		<b>100.00%</b>

**2018 Bill Impacts (Low Consumption Level)**

Rate Class	R2
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	110.5
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	12.31%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>12.31%</b>	
TOU-Off Peak	64	0.075	4.80	64	0.075	4.80	0.00	0.00%		6.80%
TOU-Mid Peak	18	0.112	2.02	18	0.112	2.02	0.00	0.00%		2.86%
TOU-On Peak	18	0.135	2.43	18	0.135	2.43	0.00	0.00%		3.44%
<b>Sub-Total: Energy (TOU)</b>			<b>9.25</b>			<b>9.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>13.24%</b>	<b>13.10%</b>
Service Charge	1	45.19	45.19	1	47.42	47.42	2.23	4.93%	67.88%	67.19%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-1.11	-1.11	1	2.05	2.05	3.16	-284.68%	2.93%	2.90%
Fixed Deferral/Variance Account Rider	1	0.58	0.58	1	0.59	0.59	0.01	1.72%	0.84%	0.84%
Distribution Volumetric Rate	100	0.0517	5.17	100	0.054	5.40	0.23	4.45%	7.73%	7.65%
Volumetric Smoothing Rider	100	-0.0008	-0.08	100	0.0014	0.14	0.22	-275.00%	0.20%	0.20%
Volumetric Deferral/Variance Account Rider	100	0.0001	0.01	100	0.0001	0.01	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>49.76</b>			<b>55.61</b>	<b>5.85</b>	<b>11.76%</b>	<b>79.61%</b>	<b>78.79%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.13%	1.12%
Line Losses on Cost of Power (based on two-tier RPP prices)	11	0.09	0.90	11	0.09	0.90	0.00	0.00%	1.29%	1.28%
Line Losses on Cost of Power (based on TOU prices)	11	0.09	0.97	11	0.09	0.97	0.00	0.00%	1.39%	1.38%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>51.45</b>			<b>57.30</b>	<b>5.85</b>	<b>11.37%</b>	<b>82.03%</b>	<b>81.19%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>51.52</b>			<b>57.37</b>	<b>5.85</b>	<b>11.35%</b>	<b>82.13%</b>	<b>81.28%</b>
Retail Transmission Rate – Network Service Rate	111	0.0065	0.72	111	0.0065	0.72	0.00	0.00%	1.03%	1.02%
Retail Transmission Rate – Line and Transformation Connection S	111	0.0045	0.50	111	0.0045	0.50	0.00	0.00%	0.71%	0.70%
<b>Sub-Total: Retail Transmission</b>			<b>1.22</b>			<b>1.22</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.74%</b>	<b>1.72%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>52.67</b>			<b>58.52</b>	<b>5.85</b>	<b>11.11%</b>	<b>83.77%</b>	<b>82.91%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>52.74</b>			<b>58.59</b>	<b>5.85</b>	<b>11.09%</b>	<b>83.87%</b>	<b>83.01%</b>
Wholesale Market Service Rate	111	0.0044	0.49	111	0.0044	0.49	0.00	0.00%	0.70%	0.69%
Rural Rate Protection Charge	111	0.0012	0.13	111	0.0012	0.13	0.00	0.00%	0.19%	0.19%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.36%	0.35%
<b>Sub-Total: Regulatory</b>			<b>0.87</b>			<b>0.87</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.24%</b>	<b>1.23%</b>
<b>Debt Retirement Charge (DRC)</b>	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	1.00%	0.99%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>62.84</b>			<b>68.69</b>	<b>5.85</b>	<b>9.31%</b>	<b>98.33%</b>	
HST		0.13	8.17		0.13	8.93	0.76	9.31%	12.78%	
<b>Total Bill (including HST)</b>			<b>71.01</b>			<b>77.62</b>	<b>6.61</b>	<b>9.31%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-7.10		-0.10	-7.76	-0.66	9.31%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>63.91</b>			<b>69.85</b>	<b>5.95</b>	<b>9.31%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>63.55</b>			<b>69.40</b>	<b>5.85</b>	<b>9.21%</b>		<b>98.33%</b>
HST		0.13	8.26		0.13	9.02	0.76	9.21%		12.78%
<b>Total Bill (including HST)</b>			<b>71.81</b>			<b>78.42</b>	<b>6.61</b>	<b>9.21%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-7.18		-0.10	-7.84	-0.66	9.21%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>64.63</b>			<b>70.58</b>	<b>5.95</b>	<b>9.21%</b>		<b>100.00%</b>

**2018 Bill Impacts (Typical Consumption Level)**

Rate Class	R2
Monthly Consumption (kWh)	800
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	884
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	25.88%	
Energy Second Tier (kWh)	200	0.101	20.20	200	0.101	20.20	0.00	0.00%	10.13%	
<b>Sub-Total: Energy (RPP)</b>			<b>71.80</b>			<b>71.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>36.01%</b>	
TOU-Off Peak	512	0.075	38.40	512	0.075	38.40	0.00	0.00%		19.12%
TOU-Mid Peak	144	0.112	16.13	144	0.112	16.13	0.00	0.00%		8.03%
TOU-On Peak	144	0.135	19.44	144	0.135	19.44	0.00	0.00%		9.68%
<b>Sub-Total: Energy (TOU)</b>			<b>73.97</b>			<b>73.97</b>	<b>0.00</b>	<b>0.00%</b>	<b>37.10%</b>	<b>36.82%</b>
Service Charge	1	45.19	45.19	1	47.42	47.42	2.23	4.93%	23.78%	23.61%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-1.11	-1.11	1	2.05	2.05	3.16	-284.68%	1.03%	1.02%
Fixed Deferral/Variance Account Rider	1	0.58	0.58	1	0.59	0.59	0.01	1.72%	0.30%	0.29%
Distribution Volumetric Rate	800	0.0517	41.36	800	0.054	43.20	1.84	4.45%	21.67%	21.51%
Volumetric Smoothing Rider	800	-0.0008	-0.64	800	0.0014	1.12	1.76	-275.00%	0.56%	0.56%
Volumetric Deferral/Variance Account Rider	800	0.0001	0.08	800	0.0001	0.08	0.00	0.00%	0.04%	0.04%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>85.46</b>			<b>94.46</b>	<b>9.00</b>	<b>10.53%</b>	<b>47.37%</b>	<b>47.03%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.40%	0.39%
Line Losses on Cost of Power (based on two-tier RPP prices)	84	0.10	8.48	84	0.10	8.48	0.00	0.00%	4.25%	4.22%
Line Losses on Cost of Power (based on TOU prices)	84	0.09	7.77	84	0.09	7.77	0.00	0.00%	3.90%	3.87%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>94.73</b>			<b>103.73</b>	<b>9.00</b>	<b>9.50%</b>	<b>52.03%</b>	<b>51.64%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>94.02</b>			<b>103.02</b>	<b>9.00</b>	<b>9.57%</b>	<b>51.67%</b>	<b>51.29%</b>
Retail Transmission Rate – Network Service Rate	884	0.0065	5.75	884	0.0065	5.75	0.00	0.00%	2.88%	2.86%
Retail Transmission Rate – Line and Transformation Connection	884	0.0045	3.98	884	0.0045	3.98	0.00	0.00%	2.00%	1.98%
<b>Sub-Total: Retail Transmission</b>			<b>9.72</b>			<b>9.72</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.88%</b>	<b>4.84%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>104.46</b>			<b>113.46</b>	<b>9.00</b>	<b>8.62%</b>	<b>56.90%</b>	<b>56.48%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>103.74</b>			<b>112.74</b>	<b>9.00</b>	<b>8.68%</b>	<b>56.54%</b>	<b>56.13%</b>
Wholesale Market Service Rate	884	0.0044	3.89	884	0.0044	3.89	0.00	0.00%	1.95%	1.94%
Rural Rate Protection Charge	884	0.0012	1.06	884	0.0012	1.06	0.00	0.00%	0.53%	0.53%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.13%	0.12%
<b>Sub-Total: Regulatory</b>			<b>5.20</b>			<b>5.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.61%</b>	<b>2.59%</b>
<b>Debt Retirement Charge (DRC)</b>	800	0.007	5.60	800	0.007	5.60	0.00	0.00%	2.81%	2.79%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>187.06</b>			<b>196.06</b>	<b>9.00</b>	<b>4.81%</b>	<b>98.33%</b>	
HST		0.13	24.32		0.13	25.49	1.17	4.81%	12.78%	
<b>Total Bill (including HST)</b>			<b>211.38</b>			<b>221.55</b>	<b>10.17</b>	<b>4.81%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-21.14		-0.10	-22.15	-1.02	4.81%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>190.24</b>			<b>199.39</b>	<b>9.15</b>	<b>4.81%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>188.51</b>			<b>197.51</b>	<b>9.00</b>	<b>4.77%</b>		<b>98.33%</b>
HST		0.13	24.51		0.13	25.68	1.17	4.77%		12.78%
<b>Total Bill (including HST)</b>			<b>213.02</b>			<b>223.19</b>	<b>10.17</b>	<b>4.77%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-21.30		-0.10	-22.32	-1.02	4.77%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>191.71</b>			<b>200.87</b>	<b>9.15</b>	<b>4.77%</b>		<b>100.00%</b>



**2018 Bill Impacts (High Consumption Level)**

Rate Class	R2
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	2210
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	11.88%	
Energy Second Tier (kWh)	1,400	0.101	141.40	1,400	0.101	141.40	0.00	0.00%	32.56%	
<b>Sub-Total: Energy (RPP)</b>			<b>193.00</b>			<b>193.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>44.44%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		22.63%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		9.50%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		11.46%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>42.58%</b>	<b>43.59%</b>
Service Charge	1	45.19	45.19	1	47.42	47.42	2.23	4.93%	10.92%	11.18%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-1.11	-1.11	1	2.05	2.05	3.16	-284.68%	0.47%	0.48%
Fixed Deferral/Variance Account Rider	1	0.58	0.58	1	0.59	0.59	0.01	1.72%	0.14%	0.14%
Distribution Volumetric Rate	2,000	0.0517	103.40	2,000	0.054	108.00	4.60	4.45%	24.87%	25.46%
Volumetric Smoothing Rider	2,000	-0.0008	-1.60	2,000	0.0014	2.80	4.40	-275.00%	0.64%	0.66%
Volumetric Deferral/Variance Account Rider	2,000	0.0001	0.20	2,000	0.0001	0.20	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>146.66</b>			<b>161.06</b>	<b>14.40</b>	<b>9.82%</b>	<b>37.09%</b>	<b>37.97%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.18%	0.19%
Line Losses on Cost of Power (based on two-tier RPP prices)	210	0.10	21.21	210	0.10	21.21	0.00	0.00%	4.88%	5.00%
Line Losses on Cost of Power (based on TOU prices)	210	0.09	19.42	210	0.09	19.42	0.00	0.00%	4.47%	4.58%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>168.66</b>			<b>183.06</b>	<b>14.40</b>	<b>8.54%</b>	<b>42.15%</b>	<b>43.15%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>166.87</b>			<b>181.27</b>	<b>14.40</b>	<b>8.63%</b>	<b>41.74%</b>	<b>42.73%</b>
Retail Transmission Rate – Network Service Rate	2,210	0.0065	14.37	2,210	0.0065	14.37	0.00	0.00%	3.31%	3.39%
Retail Transmission Rate – Line and Transformation Connection	2,210	0.0045	9.95	2,210	0.0045	9.95	0.00	0.00%	2.29%	2.34%
<b>Sub-Total: Retail Transmission</b>			<b>24.31</b>			<b>24.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.60%</b>	<b>5.73%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>192.97</b>			<b>207.37</b>	<b>14.40</b>	<b>7.46%</b>	<b>47.75%</b>	<b>48.88%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>191.18</b>			<b>205.58</b>	<b>14.40</b>	<b>7.53%</b>	<b>47.34%</b>	<b>48.46%</b>
Wholesale Market Service Rate	2,210	0.0044	9.72	2,210	0.0044	9.72	0.00	0.00%	2.24%	2.29%
Rural Rate Protection Charge	2,210	0.0012	2.65	2,210	0.0012	2.65	0.00	0.00%	0.61%	0.63%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%	0.06%
<b>Sub-Total: Regulatory</b>			<b>12.63</b>			<b>12.63</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.91%</b>	<b>2.98%</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>3.22%</b>	<b>3.30%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>412.60</b>			<b>427.00</b>	<b>14.40</b>	<b>3.49%</b>	<b>98.33%</b>	
HST		0.13	53.64		0.13	55.51	1.87	3.49%	12.78%	
<b>Total Bill (including HST)</b>			<b>466.23</b>			<b>482.51</b>	<b>16.27</b>	<b>3.49%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-46.62		-0.10	-48.25	-1.63	3.49%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>419.61</b>			<b>434.25</b>	<b>14.64</b>	<b>3.49%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>402.72</b>			<b>417.12</b>	<b>14.40</b>	<b>3.58%</b>		<b>98.33%</b>
HST		0.13	52.35		0.13	54.23	1.87	3.58%		12.78%
<b>Total Bill (including HST)</b>			<b>455.08</b>			<b>471.35</b>	<b>16.27</b>	<b>3.58%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-45.51		-0.10	-47.13	-1.63	3.58%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>409.57</b>			<b>424.21</b>	<b>14.64</b>	<b>3.58%</b>		<b>100.00%</b>

**2018 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	50	0.086	4.30	50	0.086	4.30	0.00	0.00%	9.67%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>4.30</b>			<b>4.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>9.67%</b>	
TOU-Off Peak	32	0.075	2.40	32	0.075	2.40	0.00	0.00%		5.35%
TOU-Mid Peak	9	0.112	1.01	9	0.112	1.01	0.00	0.00%		2.25%
TOU-On Peak	9	0.135	1.22	9	0.135	1.22	0.00	0.00%		2.71%
<b>Sub-Total: Energy (TOU)</b>			<b>4.62</b>			<b>4.62</b>	<b>0.00</b>	<b>0.00%</b>	<b>10.39%</b>	<b>10.31%</b>
Service Charge	1	29.63	29.63	1	30.29	30.29	0.66	2.23%	68.10%	67.55%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-0.43	-0.43	1	0.80	0.80	1.23	-286.05%	1.80%	1.78%
Fixed Deferral/Variance Account Rider	1	0.28	0.28	1	0.28	0.28	0.00	0.00%	0.63%	0.62%
Distribution Volumetric Rate	50	0.1019	5.10	50	0.1047	5.24	0.14	2.75%	11.77%	11.67%
Volumetric Smoothing Rider	50	-0.0015	-0.08	50	0.0027	0.14	0.21	-280.00%	0.30%	0.30%
Volumetric Deferral/Variance Account Rider	50	0.0004	0.02	50	0.0004	0.02	0.00	0.00%	0.04%	0.04%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>34.52</b>			<b>36.76</b>	<b>2.24</b>	<b>6.49%</b>	<b>82.64%</b>	<b>81.98%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.78%	1.76%
Line Losses on Cost of Power (based on two-tier RPP prices)	5	0.09	0.45	5	0.09	0.45	0.00	0.00%	1.01%	1.00%
Line Losses on Cost of Power (based on TOU prices)	5	0.09	0.48	5	0.09	0.48	0.00	0.00%	1.08%	1.07%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>35.76</b>			<b>38.00</b>	<b>2.24</b>	<b>6.26%</b>	<b>85.43%</b>	<b>84.73%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>35.79</b>			<b>38.03</b>	<b>2.24</b>	<b>6.26%</b>	<b>85.50%</b>	<b>84.81%</b>
Retail Transmission Rate – Network Service Rate	55	0.0053	0.29	55	0.0053	0.29	0.00	0.00%	0.66%	0.65%
Retail Transmission Rate – Line and Transformation Connection S	55	0.0043	0.24	55	0.0043	0.24	0.00	0.00%	0.53%	0.53%
<b>Sub-Total: Retail Transmission</b>			<b>0.53</b>			<b>0.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.19%</b>	<b>1.18%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>36.29</b>			<b>38.53</b>	<b>2.24</b>	<b>6.17%</b>	<b>86.62%</b>	<b>85.92%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>36.32</b>			<b>38.56</b>	<b>2.24</b>	<b>6.17%</b>	<b>86.69%</b>	<b>85.99%</b>
Wholesale Market Service Rate	55	0.0044	0.24	55	0.0044	0.24	0.00	0.00%	0.55%	0.54%
Rural Rate Protection Charge	55	0.0012	0.07	55	0.0012	0.07	0.00	0.00%	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%	0.56%	0.56%
<b>Sub-Total: Regulatory</b>			<b>0.56</b>			<b>0.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.26%</b>	<b>1.25%</b>
<b>Debt Retirement Charge (DRC)</b>	50	0.007	0.35	50	0.007	0.35	<b>0.00</b>	<b>0.00%</b>	<b>0.79%</b>	<b>0.78%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>41.50</b>			<b>43.74</b>	<b>2.24</b>	<b>5.40%</b>	<b>98.33%</b>	
HST		0.13	5.39		0.13	5.69	0.29	5.40%	12.78%	
<b>Total Bill (including HST)</b>			<b>46.89</b>			<b>49.42</b>	<b>2.53</b>	<b>5.40%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-4.69		-0.10	-4.94	-0.25	5.40%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>42.20</b>			<b>44.48</b>	<b>2.28</b>	<b>5.40%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>41.85</b>			<b>44.09</b>	<b>2.24</b>	<b>5.35%</b>		<b>98.33%</b>
HST		0.13	5.44		0.13	5.73	0.29	5.35%		12.78%
<b>Total Bill (including HST)</b>			<b>47.29</b>			<b>49.82</b>	<b>2.53</b>	<b>5.35%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-4.73		-0.10	-4.98	-0.25	5.35%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>42.56</b>			<b>44.84</b>	<b>2.28</b>	<b>5.35%</b>		<b>100.00%</b>



**2018 Bill Impacts (Typical Consumption Level)**

Rate Class	Seasonal
Monthly Consumption (kWh)	400
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	441.6
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	400	0.086	34.40	400	0.086	34.40	0.00	0.00%	27.50%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>34.40</b>			<b>34.40</b>	<b>0.00</b>	<b>0.00%</b>	<b>27.50%</b>	
TOU-Off Peak	256	0.075	19.20	256	0.075	19.20	0.00	0.00%		15.00%
TOU-Mid Peak	72	0.112	8.06	72	0.112	8.06	0.00	0.00%		6.30%
TOU-On Peak	72	0.135	9.72	72	0.135	9.72	0.00	0.00%		7.59%
<b>Sub-Total: Energy (TOU)</b>			<b>36.98</b>			<b>36.98</b>	<b>0.00</b>	<b>0.00%</b>	<b>29.56%</b>	<b>28.89%</b>
Service Charge	1	29.63	29.63	1	30.29	30.29	0.66	2.23%	24.21%	23.66%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-0.43	-0.43	1	0.80	0.80	1.23	-286.05%	0.64%	0.62%
Fixed Deferral/Variance Account Rider	1	0.28	0.28	1	0.28	0.28	0.00	0.00%	0.22%	0.22%
Distribution Volumetric Rate	400	0.1019	40.76	400	0.1047	41.88	1.12	2.75%	33.47%	32.72%
Volumetric Smoothing Rider	400	-0.0015	-0.60	400	0.0027	1.08	1.68	-280.00%	0.86%	0.84%
Volumetric Deferral/Variance Account Rider	400	0.0004	0.16	400	0.0004	0.16	0.00	0.00%	0.13%	0.12%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>69.80</b>			<b>74.49</b>	<b>4.69</b>	<b>6.72%</b>	<b>59.54%</b>	<b>58.19%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.63%	0.62%
Line Losses on Cost of Power (based on two-tier RPP prices)	42	0.09	3.58	42	0.09	3.58	0.00	0.00%	2.86%	2.79%
Line Losses on Cost of Power (based on TOU prices)	42	0.09	3.85	42	0.09	3.85	0.00	0.00%	3.07%	3.00%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>74.17</b>			<b>78.86</b>	<b>4.69</b>	<b>6.32%</b>	<b>63.03%</b>	<b>61.60%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>74.44</b>			<b>79.13</b>	<b>4.69</b>	<b>6.30%</b>	<b>63.24%</b>	<b>61.81%</b>
Retail Transmission Rate – Network Service Rate	442	0.0053	2.34	442	0.0053	2.34	0.00	0.00%	1.87%	1.83%
Retail Transmission Rate – Line and Transformation Connection S	442	0.0043	1.90	442	0.0043	1.90	0.00	0.00%	1.52%	1.48%
<b>Sub-Total: Retail Transmission</b>			<b>4.24</b>			<b>4.24</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.39%</b>	<b>3.31%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>78.41</b>			<b>83.10</b>	<b>4.69</b>	<b>5.98%</b>	<b>66.42%</b>	<b>64.91%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>78.68</b>			<b>83.37</b>	<b>4.69</b>	<b>5.96%</b>	<b>66.63%</b>	<b>65.12%</b>
Wholesale Market Service Rate	442	0.0044	1.94	442	0.0044	1.94	0.00	0.00%	1.55%	1.52%
Rural Rate Protection Charge	442	0.0012	0.53	442	0.0012	0.53	0.00	0.00%	0.42%	0.41%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.20%	0.20%
<b>Sub-Total: Regulatory</b>			<b>2.72</b>			<b>2.72</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.18%</b>	<b>2.13%</b>
<b>Debt Retirement Charge (DRC)</b>	400	0.007	<b>2.80</b>	400	0.007	<b>2.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.24%</b>	<b>2.19%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>118.33</b>			<b>123.02</b>	<b>4.69</b>	<b>3.96%</b>	<b>98.33%</b>	
HST		0.13	15.38		0.13	15.99	0.61	3.96%	12.78%	
<b>Total Bill (including HST)</b>			<b>133.71</b>			<b>139.01</b>	<b>5.30</b>	<b>3.96%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-13.37		-0.10	-13.90	-0.53	3.96%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>120.34</b>			<b>125.11</b>	<b>4.77</b>	<b>3.96%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>121.18</b>			<b>125.87</b>	<b>4.69</b>	<b>3.87%</b>		<b>98.33%</b>
HST		0.13	15.75		0.13	16.36	0.61	3.87%		12.78%
<b>Total Bill (including HST)</b>			<b>136.94</b>			<b>142.24</b>	<b>5.30</b>	<b>3.87%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-13.69		-0.10	-14.22	-0.53	3.87%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>123.24</b>			<b>128.01</b>	<b>4.77</b>	<b>3.87%</b>		<b>100.00%</b>

**2018 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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	19.04%	
Energy Second Tier (kWh)	400	0.101	40.40	400	0.101	40.40	0.00	0.00%	14.91%	
<b>Sub-Total: Energy (RPP)</b>			<b>92.00</b>			<b>92.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>33.95%</b>	
TOU-Off Peak	640	0.075	48.00	640	0.075	48.00	0.00	0.00%		17.74%
TOU-Mid Peak	180	0.112	20.16	180	0.112	20.16	0.00	0.00%		7.45%
TOU-On Peak	180	0.135	24.30	180	0.135	24.30	0.00	0.00%		8.98%
<b>Sub-Total: Energy (TOU)</b>			<b>92.46</b>			<b>92.46</b>	<b>0.00</b>	<b>0.00%</b>	<b>34.11%</b>	<b>34.17%</b>
Service Charge	1	29.63	29.63	1	30.29	30.29	0.66	2.23%	11.18%	11.19%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-0.43	-0.43	1	0.80	0.80	1.23	-286.05%	0.30%	0.30%
Fixed Deferral/Variance Account Rider	1	0.28	0.28	1	0.28	0.28	0.00	0.00%	0.10%	0.10%
Distribution Volumetric Rate	1,000	0.1019	101.90	1,000	0.1047	104.70	2.80	2.75%	38.63%	38.69%
Volumetric Smoothing Rider	1,000	-0.0015	-1.50	1,000	0.0027	2.70	4.20	-280.00%	1.00%	1.00%
Volumetric Deferral/Variance Account Rider	1,000	0.0004	0.40	1,000	0.0004	0.40	0.00	0.00%	0.15%	0.15%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>130.28</b>			<b>139.17</b>	<b>8.89</b>	<b>6.82%</b>	<b>51.35%</b>	<b>51.43%</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	0.10	10.50	104	0.10	10.50	0.00	0.00%	3.88%	3.88%
Line Losses on Cost of Power (based on TOU prices)	104	0.09	9.62	104	0.09	9.62	0.00	0.00%	3.55%	3.55%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>141.57</b>			<b>150.46</b>	<b>8.89</b>	<b>6.28%</b>	<b>55.52%</b>	<b>55.61%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>140.69</b>			<b>149.58</b>	<b>8.89</b>	<b>6.32%</b>	<b>55.19%</b>	<b>55.28%</b>
Retail Transmission Rate – Network Service Rate	1,104	0.0053	5.85	1,104	0.0053	5.85	0.00	0.00%	2.16%	2.16%
Retail Transmission Rate – Line and Transformation Connection	1,104	0.0043	4.75	1,104	0.0043	4.75	0.00	0.00%	1.75%	1.75%
<b>Sub-Total: Retail Transmission</b>			<b>10.60</b>			<b>10.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.91%</b>	<b>3.92%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>152.17</b>			<b>161.06</b>	<b>8.89</b>	<b>5.84%</b>	<b>59.43%</b>	<b>59.52%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>151.28</b>			<b>160.17</b>	<b>8.89</b>	<b>5.88%</b>	<b>59.10%</b>	<b>59.19%</b>
Wholesale Market Service Rate	1,104	0.0044	4.86	1,104	0.0044	4.86	0.00	0.00%	1.79%	1.80%
Rural Rate Protection Charge	1,104	0.0012	1.32	1,104	0.0012	1.32	0.00	0.00%	0.49%	0.49%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.09%	0.09%
<b>Sub-Total: Regulatory</b>			<b>6.43</b>			<b>6.43</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.37%</b>	<b>2.38%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	2.58%	2.59%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>257.60</b>			<b>266.49</b>	<b>8.89</b>	<b>3.45%</b>	<b>98.33%</b>	
HST		0.13	33.49		0.13	34.64	1.16	3.45%	12.78%	
<b>Total Bill (including HST)</b>			<b>291.09</b>			<b>301.14</b>	<b>10.05</b>	<b>3.45%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-29.11		-0.10	-30.11	-1.00	3.45%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>261.98</b>			<b>271.03</b>	<b>9.04</b>	<b>3.45%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>257.18</b>			<b>266.07</b>	<b>8.89</b>	<b>3.46%</b>		<b>98.33%</b>
HST		0.13	33.43		0.13	34.59	1.16	3.46%		12.78%
<b>Total Bill (including HST)</b>			<b>290.61</b>			<b>300.66</b>	<b>10.05</b>	<b>3.46%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-29.06		-0.10	-30.07	-1.00	3.46%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>261.55</b>			<b>270.59</b>	<b>9.04</b>	<b>3.46%</b>		<b>100.00%</b>

**2018 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	28.67%	
Energy Second Tier (kWh)	250	0.101	25.25	250	0.101	25.25	0.00	0.00%	11.23%	
<b>Sub-Total: Energy (RPP)</b>			<b>89.75</b>			<b>89.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>39.90%</b>	
TOU-Off Peak	640	0.075	48.00	640	0.075	48.00	0.00	0.00%		21.16%
TOU-Mid Peak	180	0.112	20.16	180	0.112	20.16	0.00	0.00%		8.89%
TOU-On Peak	180	0.135	24.30	180	0.135	24.30	0.00	0.00%		10.71%
<b>Sub-Total: Energy (TOU)</b>			<b>92.46</b>			<b>92.46</b>	<b>0.00</b>	<b>0.00%</b>	<b>41.11%</b>	<b>40.76%</b>
Service Charge	1	33.27	33.27	1	33.67	33.67	0.40	1.20%	14.97%	14.84%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-0.49	-0.49	1	0.88	0.88	1.37	-279.59%	0.39%	0.39%
Fixed Deferral/Variance Account Rider	1	0.3	0.30	1	0.30	0.30	0.00	0.00%	0.13%	0.13%
Distribution Volumetric Rate	1,000	0.0593	59.30	1,000	0.0607	60.70	1.40	2.36%	26.99%	26.76%
Volumetric Smoothing Rider	1,000	-0.0009	-0.90	1,000	0.0016	1.60	2.50	-277.78%	0.71%	0.71%
Volumetric Deferral/Variance Account Rider	1,000	0.0001	0.10	1,000	0.0001	0.10	0.00	0.00%	0.04%	0.04%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>91.58</b>			<b>97.25</b>	<b>5.67</b>	<b>6.19%</b>	<b>43.23%</b>	<b>42.87%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.35%	0.35%
Line Losses on Cost of Power (based on two-tier RPP prices)	96	0.10	9.70	96	0.10	9.70	0.00	0.00%	4.31%	4.27%
Line Losses on Cost of Power (based on TOU prices)	96	0.09	8.88	96	0.09	8.88	0.00	0.00%	3.95%	3.91%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>102.07</b>			<b>107.74</b>	<b>5.67</b>	<b>5.56%</b>	<b>47.90%</b>	<b>47.49%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>101.25</b>			<b>106.92</b>	<b>5.67</b>	<b>5.60%</b>	<b>47.53%</b>	<b>47.13%</b>
Retail Transmission Rate – Network Service Rate	1,096	0.0058	6.36	1,096	0.0058	6.36	0.00	0.00%	2.83%	2.80%
Retail Transmission Rate – Line and Transformation Connection	1,096	0.0036	3.95	1,096	0.0036	3.95	0.00	0.00%	1.75%	1.74%
<b>Sub-Total: Retail Transmission</b>			<b>10.30</b>			<b>10.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.58%</b>	<b>4.54%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>112.37</b>			<b>118.04</b>	<b>5.67</b>	<b>5.05%</b>	<b>52.48%</b>	<b>52.03%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>111.55</b>			<b>117.22</b>	<b>5.67</b>	<b>5.08%</b>	<b>52.11%</b>	<b>51.67%</b>
Wholesale Market Service Rate	1,096	0.0044	4.82	1,096	0.0044	4.82	0.00	0.00%	2.14%	2.13%
Rural Rate Protection Charge	1,096	0.0012	1.32	1,096	0.0012	1.32	0.00	0.00%	0.58%	0.58%
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>6.39</b>			<b>6.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.84%</b>	<b>2.82%</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>3.11%</b>	<b>3.09%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>215.51</b>			<b>221.18</b>	<b>5.67</b>	<b>2.63%</b>	<b>98.33%</b>	
HST		0.13	28.02		0.13	28.75	0.74	2.63%	12.78%	
<b>Total Bill (including HST)</b>			<b>243.52</b>			<b>249.93</b>	<b>6.41</b>	<b>2.63%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-24.35		-0.10	-24.99	-0.64	2.63%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>219.17</b>			<b>224.94</b>	<b>5.77</b>	<b>2.63%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>217.40</b>			<b>223.07</b>	<b>5.67</b>	<b>2.61%</b>		<b>98.33%</b>
HST		0.13	28.26		0.13	29.00	0.74	2.61%	12.78%	
<b>Total Bill (including HST)</b>			<b>245.66</b>			<b>252.06</b>	<b>6.41</b>	<b>2.61%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-24.57		-0.10	-25.21	-0.64	2.61%	-11.11%	
<b>Total Bill on TOU (including OCEB)</b>			<b>221.09</b>			<b>226.86</b>	<b>5.77</b>	<b>2.61%</b>		<b>100.00%</b>

**2018 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	15.18%	
Energy Second Tier (kWh)	1,250	0.101	126.25	1,250	0.101	126.25	0.00	0.00%	29.72%	
<b>Sub-Total: Energy (RPP)</b>			<b>190.75</b>			<b>190.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>44.90%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		23.01%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		9.66%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		11.65%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.53%</b>	<b>44.32%</b>
Service Charge	1	33.27	33.27	1	33.67	33.67	0.40	1.20%	7.93%	8.07%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-0.49	-0.49	1	0.88	0.88	1.37	-279.59%	0.21%	0.21%
Fixed Deferral/Variance Account Rider	1	0.3	0.30	1	0.30	0.30	0.00	0.00%	0.07%	0.07%
Distribution Volumetric Rate	2,000	0.0593	118.60	2,000	0.0607	121.40	2.80	2.36%	28.58%	29.10%
Volumetric Smoothing Rider	2,000	-0.0009	-1.80	2,000	0.0016	3.20	5.00	-277.78%	0.75%	0.77%
Volumetric Deferral/Variance Account Rider	2,000	0.0001	0.20	2,000	0.0001	0.20	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>150.08</b>			<b>159.65</b>	<b>9.57</b>	<b>6.38%</b>	<b>37.58%</b>	<b>38.27%</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)	192	0.10	19.39	192	0.10	19.39	0.00	0.00%	4.56%	4.65%
Line Losses on Cost of Power (based on TOU prices)	192	0.09	17.75	192	0.09	17.75	0.00	0.00%	4.18%	4.25%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>170.26</b>			<b>179.83</b>	<b>9.57</b>	<b>5.62%</b>	<b>42.33%</b>	<b>43.10%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>168.62</b>			<b>178.19</b>	<b>9.57</b>	<b>5.68%</b>	<b>41.95%</b>	<b>42.71%</b>
Retail Transmission Rate – Network Service Rate	2,192	0.0058	12.71	2,192	0.0058	12.71	0.00	0.00%	2.99%	3.05%
Retail Transmission Rate – Line and Transformation Connection	2,192	0.0036	7.89	2,192	0.0036	7.89	0.00	0.00%	1.86%	1.89%
<b>Sub-Total: Retail Transmission</b>			<b>20.60</b>			<b>20.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.85%</b>	<b>4.94%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>190.87</b>			<b>200.44</b>	<b>9.57</b>	<b>5.01%</b>	<b>47.18%</b>	<b>48.04%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>189.23</b>			<b>198.80</b>	<b>9.57</b>	<b>5.06%</b>	<b>46.80%</b>	<b>47.65%</b>
Wholesale Market Service Rate	2,192	0.0044	9.64	2,192	0.0044	9.64	0.00	0.00%	2.27%	2.31%
Rural Rate Protection Charge	2,192	0.0012	2.63	2,192	0.0012	2.63	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%	0.06%	0.06%
<b>Sub-Total: Regulatory</b>			<b>12.53</b>			<b>12.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.95%</b>	<b>3.00%</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>3.30%</b>	<b>3.36%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>408.14</b>			<b>417.71</b>	<b>9.57</b>	<b>2.34%</b>	<b>98.33%</b>	
HST		0.13	53.06		0.13	54.30	1.24	2.34%	12.78%	
<b>Total Bill (including HST)</b>			<b>461.20</b>			<b>472.01</b>	<b>10.81</b>	<b>2.34%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-46.12		-0.10	-47.20	-1.08	2.34%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>415.08</b>			<b>424.81</b>	<b>9.73</b>	<b>2.34%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>400.67</b>			<b>410.24</b>	<b>9.57</b>	<b>2.39%</b>		<b>98.33%</b>
HST		0.13	52.09		0.13	53.33	1.24	2.39%		12.78%
<b>Total Bill (including HST)</b>			<b>452.76</b>			<b>463.57</b>	<b>10.81</b>	<b>2.39%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-45.28		-0.10	-46.36	-1.08	2.39%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>407.48</b>			<b>417.22</b>	<b>9.73</b>	<b>2.39%</b>		<b>100.00%</b>

**2018 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	1.96%	
Energy Second Tier (kWh)	14,250	0.101	1,439.25	14,250	0.101	1,439.25	0.00	0.00%	43.75%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,503.75</b>			<b>1,503.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.71%</b>	
TOU-Off Peak	9,600	0.075	720.00	9,600	0.075	720.00	0.00	0.00%		22.89%
TOU-Mid Peak	2,700	0.112	302.40	2,700	0.112	302.40	0.00	0.00%		9.61%
TOU-On Peak	2,700	0.135	364.50	2,700	0.135	364.50	0.00	0.00%		11.59%
<b>Sub-Total: Energy (TOU)</b>			<b>1,386.90</b>			<b>1,386.90</b>	<b>0.00</b>	<b>0.00%</b>	<b>42.16%</b>	<b>44.09%</b>
Service Charge	1	33.27	33.27	1	33.67	33.67	0.40	1.20%	1.02%	1.07%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-0.49	-0.49	1	0.88	0.88	1.37	-279.59%	0.03%	0.03%
Fixed Deferral/Variance Account Rider	1	0.3	0.30	1	0.30	0.30	0.00	0.00%	0.01%	0.01%
Distribution Volumetric Rate	15,000	0.0593	889.50	15,000	0.0607	910.50	21.00	2.36%	27.68%	28.94%
Volumetric Smoothing Rider	15,000	-0.0009	-13.50	15,000	0.0016	24.00	37.50	-277.78%	0.73%	0.76%
Volumetric Deferral/Variance Account Rider	15,000	0.0001	1.50	15,000	0.0001	1.50	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>910.58</b>			<b>970.85</b>	<b>60.27</b>	<b>6.62%</b>	<b>29.51%</b>	<b>30.86%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.02%	0.03%
Line Losses on Cost of Power (based on two-tier RPP prices)	1,440	0.10	145.44	1,440	0.10	145.44	0.00	0.00%	4.42%	4.62%
Line Losses on Cost of Power (based on TOU prices)	1,440	0.09	133.14	1,440	0.09	133.14	0.00	0.00%	4.05%	4.23%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>1,056.81</b>			<b>1,117.08</b>	<b>60.27</b>	<b>5.70%</b>	<b>33.96%</b>	<b>35.51%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>1,044.51</b>			<b>1,104.78</b>	<b>60.27</b>	<b>5.77%</b>	<b>33.58%</b>	<b>35.12%</b>
Retail Transmission Rate – Network Service Rate	16,440	0.0058	95.35	16,440	0.0058	95.35	0.00	0.00%	2.90%	3.03%
Retail Transmission Rate – Line and Transformation Connection	16,440	0.0036	59.18	16,440	0.0036	59.18	0.00	0.00%	1.80%	1.88%
<b>Sub-Total: Retail Transmission</b>			<b>154.54</b>			<b>154.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.70%</b>	<b>4.91%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>1,211.35</b>			<b>1,271.62</b>	<b>60.27</b>	<b>4.98%</b>	<b>38.65%</b>	<b>40.42%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>1,199.05</b>			<b>1,259.32</b>	<b>60.27</b>	<b>5.03%</b>	<b>38.28%</b>	<b>40.03%</b>
Wholesale Market Service Rate	16,440	0.0044	72.34	16,440	0.0044	72.34	0.00	0.00%	2.20%	2.30%
Rural Rate Protection Charge	16,440	0.0012	19.73	16,440	0.0012	19.73	0.00	0.00%	0.60%	0.63%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Regulatory</b>			<b>92.31</b>			<b>92.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.81%</b>	<b>2.93%</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>3.19%</b>	<b>3.34%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>2,912.41</b>			<b>2,972.68</b>	<b>60.27</b>	<b>2.07%</b>	<b>90.36%</b>	
HST		0.13	378.61		0.13	386.45	7.84	2.07%	11.75%	
<b>Total Bill (including HST)</b>			<b>3,291.02</b>			<b>3,359.13</b>	<b>68.11</b>	<b>2.07%</b>	<b>102.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-67.89		-0.10	-69.41	-1.52	2.24%	-2.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>3,223.14</b>			<b>3,289.72</b>	<b>66.58</b>	<b>2.07%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>2,783.26</b>			<b>2,843.53</b>	<b>60.27</b>	<b>2.17%</b>		<b>90.39%</b>
HST		0.13	361.82		0.13	369.66	7.84	2.17%		11.75%
<b>Total Bill (including HST)</b>			<b>3,145.09</b>			<b>3,213.19</b>	<b>68.11</b>	<b>2.17%</b>		<b>102.15%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-65.99		-0.10	-67.51	-1.52	2.31%		-2.15%
<b>Total Bill on TOU (including OCEB)</b>			<b>3,079.10</b>			<b>3,145.68</b>	<b>66.58</b>	<b>2.16%</b>		<b>100.00%</b>

**2018 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	35.50%	
Energy Second Tier (kWh)	250	0.101	25.25	250	0.101	25.25	0.00	0.00%	13.90%	
<b>Sub-Total: Energy (RPP)</b>			<b>89.75</b>			<b>89.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>49.40%</b>	
TOU-Off Peak	640	0.075	48.00	640	0.075	48.00	0.00	0.00%		26.11%
TOU-Mid Peak	180	0.112	20.16	180	0.112	20.16	0.00	0.00%		10.96%
TOU-On Peak	180	0.135	24.30	180	0.135	24.30	0.00	0.00%		13.22%
<b>Sub-Total: Energy (TOU)</b>			<b>92.46</b>			<b>92.46</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.89%</b>	<b>50.29%</b>
Service Charge	1	26.38	26.38	1	27.48	27.48	1.10	4.17%	15.12%	14.95%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-0.39	-0.39	1	0.72	0.72	1.11	-284.62%	0.40%	0.39%
Fixed Deferral/Variance Account Rider	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.14%	0.14%
Distribution Volumetric Rate	1,000	0.0271	27.10	1,000	0.0284	28.40	1.30	4.80%	15.63%	15.45%
Volumetric Smoothing Rider	1,000	-0.0004	-0.40	1,000	0.0007	0.70	1.10	-275.00%	0.39%	0.38%
Volumetric Deferral/Variance Account Rider	1,000	-0.0001	-0.10	1,000	-0.0001	-0.10	0.00	0.00%	-0.06%	-0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>52.84</b>			<b>57.45</b>	<b>4.61</b>	<b>8.72%</b>	<b>31.62%</b>	<b>31.25%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.43%	0.43%
Line Losses on Cost of Power (based on two-tier RPP prices)	67	0.10	6.77	67	0.10	6.77	0.00	0.00%	3.72%	3.68%
Line Losses on Cost of Power (based on TOU prices)	67	0.09	6.19	67	0.09	6.19	0.00	0.00%	3.41%	3.37%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>60.40</b>			<b>65.01</b>	<b>4.61</b>	<b>7.63%</b>	<b>35.78%</b>	<b>35.36%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>59.82</b>			<b>64.43</b>	<b>4.61</b>	<b>7.71%</b>	<b>35.46%</b>	<b>35.04%</b>
Retail Transmission Rate – Network Service Rate	1,067	0.0062	6.62	1,067	0.0062	6.62	0.00	0.00%	3.64%	3.60%
Retail Transmission Rate – Line and Transformation Connection S	1,067	0.0038	4.05	1,067	0.0038	4.05	0.00	0.00%	2.23%	2.21%
<b>Sub-Total: Retail Transmission</b>			<b>10.67</b>			<b>10.67</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.87%</b>	<b>5.80%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>71.07</b>			<b>75.68</b>	<b>4.61</b>	<b>6.49%</b>	<b>41.65%</b>	<b>41.16%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>70.49</b>			<b>75.10</b>	<b>4.61</b>	<b>6.54%</b>	<b>41.34%</b>	<b>40.85%</b>
Wholesale Market Service Rate	1,067	0.0044	4.69	1,067	0.0044	4.69	0.00	0.00%	2.58%	2.55%
Rural Rate Protection Charge	1,067	0.0012	1.28	1,067	0.0012	1.28	0.00	0.00%	0.70%	0.70%
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>6.23</b>			<b>6.23</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.43%</b>	<b>3.39%</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>3.85%</b>	<b>3.81%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>174.04</b>			<b>178.65</b>	<b>4.61</b>	<b>2.65%</b>	<b>98.33%</b>	
HST		0.13	22.63		0.13	23.22	0.60	2.65%	12.78%	
<b>Total Bill (including HST)</b>			<b>196.67</b>			<b>201.88</b>	<b>5.21</b>	<b>2.65%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-19.67		-0.10	-20.19	-0.52	2.65%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>177.00</b>			<b>181.69</b>	<b>4.69</b>	<b>2.65%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>176.18</b>			<b>180.79</b>	<b>4.61</b>	<b>2.62%</b>		<b>98.33%</b>
HST		0.13	22.90		0.13	23.50	0.60	2.62%		12.78%
<b>Total Bill (including HST)</b>			<b>199.08</b>			<b>204.29</b>	<b>5.21</b>	<b>2.62%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-19.91		-0.10	-20.43	-0.52	2.62%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>179.18</b>			<b>183.86</b>	<b>4.69</b>	<b>2.62%</b>		<b>100.00%</b>



**2018 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	18.70%	
Energy Second Tier (kWh)	1,250	0.101	126.25	1,250	0.101	126.25	0.00	0.00%	36.61%	
<b>Sub-Total: Energy (RPP)</b>			<b>190.75</b>			<b>190.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.32%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		28.42%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		11.94%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		14.39%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.63%</b>	<b>54.75%</b>
Service Charge	1	26.38	26.38	1	27.48	27.48	1.10	4.17%	7.97%	8.14%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-0.39	-0.39	1	0.72	0.72	1.11	-284.62%	0.21%	0.21%
Fixed Deferral/Variance Account Rider	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.07%	0.07%
Distribution Volumetric Rate	2,000	0.0271	54.20	2,000	0.0284	56.80	2.60	4.80%	16.47%	16.82%
Volumetric Smoothing Rider	2,000	-0.0004	-0.80	2,000	0.0007	1.40	2.20	-275.00%	0.41%	0.41%
Volumetric Deferral/Variance Account Rider	2,000	-0.0001	-0.20	2,000	-0.0001	-0.20	0.00	0.00%	-0.06%	-0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>79.44</b>			<b>86.45</b>	<b>7.01</b>	<b>8.82%</b>	<b>25.07%</b>	<b>25.60%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.23%	0.23%
Line Losses on Cost of Power (based on two-tier RPP prices)	134	0.10	13.53	134	0.10	13.53	0.00	0.00%	3.92%	4.01%
Line Losses on Cost of Power (based on TOU prices)	134	0.09	12.39	134	0.09	12.39	0.00	0.00%	3.59%	3.67%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>93.76</b>			<b>100.77</b>	<b>7.01</b>	<b>7.48%</b>	<b>29.22%</b>	<b>29.84%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>92.62</b>			<b>99.63</b>	<b>7.01</b>	<b>7.57%</b>	<b>28.89%</b>	<b>29.50%</b>
Retail Transmission Rate – Network Service Rate	2,134	0.0062	13.23	2,134	0.0062	13.23	0.00	0.00%	3.84%	3.92%
Retail Transmission Rate – Line and Transformation Connection S	2,134	0.0038	8.11	2,134	0.0038	8.11	0.00	0.00%	2.35%	2.40%
<b>Sub-Total: Retail Transmission</b>			<b>21.34</b>			<b>21.34</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.19%</b>	<b>6.32%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>115.10</b>			<b>122.11</b>	<b>7.01</b>	<b>6.09%</b>	<b>35.41%</b>	<b>36.16%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>113.96</b>			<b>120.97</b>	<b>7.01</b>	<b>6.15%</b>	<b>35.08%</b>	<b>35.82%</b>
Wholesale Market Service Rate	2,134	0.0044	9.39	2,134	0.0044	9.39	0.00	0.00%	2.72%	2.78%
Rural Rate Protection Charge	2,134	0.0012	2.56	2,134	0.0012	2.56	0.00	0.00%	0.74%	0.76%
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>12.20</b>			<b>12.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.54%</b>	<b>3.61%</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>4.06%</b>	<b>4.15%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>332.05</b>			<b>339.06</b>	<b>7.01</b>	<b>2.11%</b>	<b>98.33%</b>	
HST		0.13	43.17		0.13	44.08	0.91	2.11%	12.78%	
<b>Total Bill (including HST)</b>			<b>375.22</b>			<b>383.14</b>	<b>7.92</b>	<b>2.11%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-37.52		-0.10	-38.31	-0.79	2.11%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>337.70</b>			<b>344.83</b>	<b>7.13</b>	<b>2.11%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>325.08</b>			<b>332.09</b>	<b>7.01</b>	<b>2.16%</b>		<b>98.33%</b>
HST		0.13	42.26		0.13	43.17	0.91	2.16%		12.78%
<b>Total Bill (including HST)</b>			<b>367.34</b>			<b>375.26</b>	<b>7.92</b>	<b>2.16%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-36.73		-0.10	-37.53	-0.79	2.16%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>330.61</b>			<b>337.74</b>	<b>7.13</b>	<b>2.16%</b>		<b>100.00%</b>

**2018 Bill Impacts (High Consumption Level)**

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

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	2.40%	
Energy Second Tier (kWh)	14,250	0.101	1,439.25	14,250	0.101	1,439.25	0.00	0.00%	53.64%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,503.75</b>			<b>1,503.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.04%</b>	
TOU-Off Peak	9,600	0.075	720.00	9,600	0.075	720.00	0.00	0.00%		28.31%
TOU-Mid Peak	2,700	0.112	302.40	2,700	0.112	302.40	0.00	0.00%		11.89%
TOU-On Peak	2,700	0.135	364.50	2,700	0.135	364.50	0.00	0.00%		14.33%
<b>Sub-Total: Energy (TOU)</b>			<b>1,386.90</b>			<b>1,386.90</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.69%</b>	<b>54.53%</b>
Service Charge	1	26.38	26.38	1	27.48	27.48	1.10	4.17%	1.02%	1.08%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	-0.39	-0.39	1	0.72	0.72	1.11	-284.62%	0.03%	0.03%
Fixed Deferral/Variance Account Rider	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
Distribution Volumetric Rate	15,000	0.0271	406.50	15,000	0.0284	426.00	19.50	4.80%	15.88%	16.75%
Volumetric Smoothing Rider	15,000	-0.0004	-6.00	15,000	0.0007	10.50	16.50	-275.00%	0.39%	0.41%
Volumetric Deferral/Variance Account Rider	15,000	-0.0001	-1.50	15,000	-0.0001	-1.50	0.00	0.00%	-0.06%	-0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>425.24</b>			<b>463.45</b>	<b>38.21</b>	<b>8.99%</b>	<b>17.27%</b>	<b>18.22%</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	0.10	101.51	1,005	0.10	101.51	0.00	0.00%	3.78%	3.99%
Line Losses on Cost of Power (based on TOU prices)	1,005	0.09	92.92	1,005	0.09	92.92	0.00	0.00%	3.46%	3.65%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>527.54</b>			<b>565.75</b>	<b>38.21</b>	<b>7.24%</b>	<b>21.09%</b>	<b>22.25%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>518.95</b>			<b>557.16</b>	<b>38.21</b>	<b>7.36%</b>	<b>20.77%</b>	<b>21.91%</b>
Retail Transmission Rate – Network Service Rate	16,005	0.0062	99.23	16,005	0.0062	99.23	0.00	0.00%	3.70%	3.90%
Retail Transmission Rate – Line and Transformation Connection S	16,005	0.0038	60.82	16,005	0.0038	60.82	0.00	0.00%	2.27%	2.39%
<b>Sub-Total: Retail Transmission</b>			<b>160.05</b>			<b>160.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.96%</b>	<b>6.29%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>687.59</b>			<b>725.80</b>	<b>38.21</b>	<b>5.56%</b>	<b>27.05%</b>	<b>28.54%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>679.00</b>			<b>717.21</b>	<b>38.21</b>	<b>5.63%</b>	<b>26.73%</b>	<b>28.20%</b>
Wholesale Market Service Rate	16,005	0.0044	70.42	16,005	0.0044	70.42	0.00	0.00%	2.62%	2.77%
Rural Rate Protection Charge	16,005	0.0012	19.21	16,005	0.0012	19.21	0.00	0.00%	0.72%	0.76%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Regulatory</b>			<b>89.88</b>			<b>89.88</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.35%</b>	<b>3.53%</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>3.91%</b>	<b>4.13%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>2,386.21</b>			<b>2,424.42</b>	<b>38.21</b>	<b>1.60%</b>	<b>90.36%</b>	
HST		0.13	310.21		0.13	315.17	4.97	1.60%	11.75%	
<b>Total Bill (including HST)</b>			<b>2,696.42</b>			<b>2,739.60</b>	<b>43.18</b>	<b>1.60%</b>	<b>102.10%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-55.38		-0.10	-56.44	-1.06	1.92%	-2.10%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>2,641.04</b>			<b>2,683.16</b>	<b>42.11</b>	<b>1.59%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>2,260.78</b>			<b>2,298.99</b>	<b>38.21</b>	<b>1.69%</b>		<b>90.40%</b>
HST		0.13	293.90		0.13	298.87	4.97	1.69%		11.75%
<b>Total Bill (including HST)</b>			<b>2,554.68</b>			<b>2,597.86</b>	<b>43.18</b>	<b>1.69%</b>		<b>102.15%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-53.56		-0.10	-54.62	-1.06	1.99%		-2.15%
<b>Total Bill on TOU (including OCEB)</b>			<b>2,501.12</b>			<b>2,543.24</b>	<b>42.11</b>	<b>1.68%</b>		<b>100.00%</b>



**2018 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	30.49%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>30.49%</b>
Service Charge	1	4.57	4.57	1	4.72	4.72	0.15	3.28%	16.73%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-0.07	-0.07	1	0.12	0.12	0.19	-271.43%	0.43%
Fixed Deferral/Variance Account Rider	1	0.05	0.05	1	0.05	0.05	0.00	0.00%	0.18%
Distribution Volumetric Rate	100	0.1038	10.38	100	0.1079	10.79	0.41	3.95%	38.25%
Volumetric Smoothing Rider	100	-0.0015	-0.15	100	0.0028	0.28	0.43	-286.67%	0.99%
Volumetric Deferral/Variance Account Rider	100	0.0005	0.05	100	0.0005	0.05	0.00	0.00%	0.18%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>14.83</b>			<b>16.01</b>	<b>1.18</b>	<b>7.96%</b>	<b>56.75%</b>
Line Losses on Cost of Power	9	0.09	0.79	9	0.09	0.79	0.00	0.00%	2.80%
<b>Sub-Total: Distribution</b>			<b>15.62</b>			<b>16.80</b>	<b>1.18</b>	<b>7.55%</b>	<b>59.56%</b>
Retail Transmission Rate – Network Service Rate	109	0.0039	0.43	109	0.0039	0.43	0.00	0.00%	1.51%
Retail Transmission Rate – Line and Transformation Connection \$	109	0.0032	0.35	109	0.0032	0.35	0.00	0.00%	1.24%
<b>Sub-Total: Retail Transmission</b>			<b>0.78</b>			<b>0.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.75%</b>
<b>Sub-Total: Delivery</b>			<b>16.40</b>			<b>17.58</b>	<b>1.18</b>	<b>7.20%</b>	<b>62.31%</b>
Wholesale Market Service Rate	109	0.0044	0.48	109	0.0044	0.48	0.00	0.00%	1.70%
Rural Rate Protection Charge	109	0.0012	0.13	109	0.0012	0.13	0.00	0.00%	0.46%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.89%
<b>Sub-Total: Regulatory</b>			<b>0.86</b>			<b>0.86</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.05%</b>
Debt Retirement Charge (DRC)	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	2.48%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>26.56</b>			<b>27.74</b>	<b>1.18</b>	<b>4.44%</b>	<b>98.33%</b>
HST		0.13	3.45		0.13	3.61	0.15	4.44%	12.78%
<b>Total Bill (including HST)</b>			<b>30.01</b>			<b>31.34</b>	<b>1.33</b>	<b>4.44%</b>	<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-3.00		-0.10	-3.13	-0.13	4.44%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>27.01</b>			<b>28.21</b>	<b>1.20</b>	<b>4.44%</b>	<b>100.00%</b>

**2018 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	500	0.086	43.00	500	0.086	43.00	0.00	0.00%	35.79%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>43.00</b>			<b>43.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>35.79%</b>
Service Charge	1	4.57	4.57	1	4.72	4.72	0.15	3.28%	3.93%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-0.07	-0.07	1	0.12	0.12	0.19	-271.43%	0.10%
Fixed Deferral/Variance Account Rider	1	0.05	0.05	1	0.05	0.05	0.00	0.00%	0.04%
Distribution Volumetric Rate	500	0.1038	51.90	500	0.1079	53.95	2.05	3.95%	44.91%
Volumetric Smoothing Rider	500	-0.0015	-0.75	500	0.0028	1.40	2.15	-286.67%	1.17%
Volumetric Deferral/Variance Account Rider	500	0.0005	0.25	500	0.0005	0.25	0.00	0.00%	0.21%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>55.95</b>			<b>60.49</b>	<b>4.54</b>	<b>8.11%</b>	<b>50.35%</b>
Line Losses on Cost of Power	46	0.09	3.96	46	0.09	3.96	0.00	0.00%	3.29%
<b>Sub-Total: Distribution</b>			<b>59.91</b>			<b>64.45</b>	<b>4.54</b>	<b>7.58%</b>	<b>53.64%</b>
Retail Transmission Rate – Network Service Rate	546	0.0039	2.13	546	0.0039	2.13	0.00	0.00%	1.77%
Retail Transmission Rate – Line and Transformation Connection S	546	0.0032	1.75	546	0.0032	1.75	0.00	0.00%	1.45%
<b>Sub-Total: Retail Transmission</b>			<b>3.88</b>			<b>3.88</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.23%</b>
<b>Sub-Total: Delivery</b>			<b>63.78</b>			<b>68.32</b>	<b>4.54</b>	<b>7.12%</b>	<b>56.87%</b>
Wholesale Market Service Rate	546	0.0044	2.40	546	0.0044	2.40	0.00	0.00%	2.00%
Rural Rate Protection Charge	546	0.0012	0.66	546	0.0012	0.66	0.00	0.00%	0.55%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.21%
<b>Sub-Total: Regulatory</b>			<b>3.31</b>			<b>3.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.75%</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>2.91%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>113.59</b>			<b>118.13</b>	<b>4.54</b>	<b>4.00%</b>	<b>98.33%</b>
HST		0.13	14.77		0.13	15.36	0.59	4.00%	12.78%
<b>Total Bill (including HST)</b>			<b>128.36</b>			<b>133.49</b>	<b>5.13</b>	<b>4.00%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-12.84		-0.10	-13.35	-0.51	4.00%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>115.52</b>			<b>120.14</b>	<b>4.62</b>	<b>4.00%</b>	<b>100.00%</b>

**2018 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	13.25%
Energy Second Tier (kWh)	1,250	0.101	126.25	1,250	0.101	126.25	0.00	0.00%	25.94%
<b>Sub-Total: Energy (RPP)</b>			<b>190.75</b>			<b>190.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>39.19%</b>
Service Charge	1	4.57	4.57	1	4.72	4.72	0.15	3.28%	0.97%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-0.07	-0.07	1	0.12	0.12	0.19	-271.43%	0.02%
Fixed Deferral/Variance Account Rider	1	0.05	0.05	1	0.05	0.05	0.00	0.00%	0.01%
Distribution Volumetric Rate	2,000	0.1038	207.60	2,000	0.1079	215.80	8.20	3.95%	44.34%
Volumetric Smoothing Rider	2,000	-0.0015	-3.00	2,000	0.0028	5.60	8.60	-286.67%	1.15%
Volumetric Deferral/Variance Account Rider	2,000	0.0005	1.00	2,000	0.0005	1.00	0.00	0.00%	0.21%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>210.15</b>			<b>227.29</b>	<b>17.14</b>	<b>8.16%</b>	<b>46.70%</b>
Line Losses on Cost of Power	184	0.10	18.58	184	0.10	18.58	0.00	0.00%	3.82%
<b>Sub-Total: Distribution</b>			<b>228.73</b>			<b>245.87</b>	<b>17.14</b>	<b>7.49%</b>	<b>50.51%</b>
Retail Transmission Rate – Network Service Rate	2,184	0.0039	8.52	2,184	0.0039	8.52	0.00	0.00%	1.75%
Retail Transmission Rate – Line and Transformation Connection S	2,184	0.0032	6.99	2,184	0.0032	6.99	0.00	0.00%	1.44%
<b>Sub-Total: Retail Transmission</b>			<b>15.51</b>			<b>15.51</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.19%</b>
<b>Sub-Total: Delivery</b>			<b>244.24</b>			<b>261.38</b>	<b>17.14</b>	<b>7.02%</b>	<b>53.70%</b>
Wholesale Market Service Rate	2,184	0.0044	9.61	2,184	0.0044	9.61	0.00	0.00%	1.97%
Rural Rate Protection Charge	2,184	0.0012	2.62	2,184	0.0012	2.62	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%	0.05%
<b>Sub-Total: Regulatory</b>			<b>12.48</b>			<b>12.48</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.56%</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>2.88%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>461.47</b>			<b>478.61</b>	<b>17.14</b>	<b>3.71%</b>	<b>98.33%</b>
HST		0.13	59.99		0.13	62.22	2.23	3.71%	12.78%
<b>Total Bill (including HST)</b>			<b>521.46</b>			<b>540.83</b>	<b>19.37</b>	<b>3.71%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-52.15		-0.10	-54.08	-1.94	3.71%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>469.32</b>			<b>486.75</b>	<b>17.43</b>	<b>3.71%</b>	<b>100.00%</b>

**2018 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	20	0.086	1.72	20	0.086	1.72	0.00	0.00%	18.80%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1.72</b>			<b>1.72</b>	<b>0.00</b>	<b>0.00%</b>	<b>18.80%</b>
Service Charge	1	3.04	3.04	1	3.25	3.25	0.21	6.91%	35.52%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-0.04	-0.04	1	0.09	0.09	0.13	-325.00%	0.98%
Fixed Deferral/Variance Account Rider	1	0.03	0.03	1	0.03	0.03	0.00	0.00%	0.33%
Distribution Volumetric Rate	20	0.1406	2.81	20	0.1494	2.99	0.18	6.26%	32.66%
Volumetric Smoothing Rider	20	-0.0021	-0.04	20	0.0039	0.08	0.12	-285.71%	0.85%
Volumetric Deferral/Variance Account Rider	20	0.0007	0.01	20	0.0007	0.01	0.00	0.00%	0.15%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>5.81</b>			<b>6.45</b>	<b>0.64</b>	<b>10.94%</b>	<b>70.50%</b>
Line Losses on Cost of Power	2	0.09	0.16	2	0.09	0.16	0.00	0.00%	1.73%
<b>Sub-Total: Distribution</b>			<b>5.97</b>			<b>6.61</b>	<b>0.64</b>	<b>10.65%</b>	<b>72.23%</b>
Retail Transmission Rate – Network Service Rate	22	0.0039	0.09	22	0.0039	0.09	0.00	0.00%	0.93%
Retail Transmission Rate – Line and Transformation Connection S	22	0.0032	0.07	22	0.0032	0.07	0.00	0.00%	0.76%
<b>Sub-Total: Retail Transmission</b>			<b>0.16</b>			<b>0.16</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.69%</b>
<b>Sub-Total: Delivery</b>			<b>6.13</b>			<b>6.76</b>	<b>0.64</b>	<b>10.38%</b>	<b>73.93%</b>
Wholesale Market Service Rate	22	0.0044	0.10	22	0.0044	0.10	0.00	0.00%	1.05%
Rural Rate Protection Charge	22	0.0012	0.03	22	0.0012	0.03	0.00	0.00%	0.29%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	2.73%
<b>Sub-Total: Regulatory</b>			<b>0.37</b>			<b>0.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.07%</b>
<b>Debt Retirement Charge (DRC)</b>	20	0.007	<b>0.14</b>	20	0.007	<b>0.14</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.53%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>8.36</b>			<b>9.00</b>	<b>0.64</b>	<b>7.61%</b>	<b>98.33%</b>
HST		0.13	1.09		0.13	1.17	0.08	7.61%	12.78%
<b>Total Bill (including HST)</b>			<b>9.45</b>			<b>10.17</b>	<b>0.72</b>	<b>7.61%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-0.94		-0.10	-1.02	-0.07	7.61%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>8.50</b>			<b>9.15</b>	<b>0.65</b>	<b>7.61%</b>	<b>100.00%</b>

**2018 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	50	0.086	4.30	50	0.086	4.30	0.00	0.00%	24.79%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>4.30</b>			<b>4.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>24.79%</b>
Service Charge	1	3.04	3.04	1	3.25	3.25	0.21	6.91%	18.73%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-0.04	-0.04	1	0.09	0.09	0.13	-325.00%	0.52%
Fixed Deferral/Variance Account Rider	1	0.03	0.03	1	0.03	0.03	0.00	0.00%	0.17%
Distribution Volumetric Rate	50	0.1406	7.03	50	0.1494	7.47	0.44	6.26%	43.06%
Volumetric Smoothing Rider	50	-0.0021	-0.11	50	0.0039	0.20	0.30	-285.71%	1.12%
Volumetric Deferral/Variance Account Rider	50	0.0007	0.04	50	0.0007	0.04	0.00	0.00%	0.20%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>9.99</b>			<b>11.07</b>	<b>1.08</b>	<b>10.81%</b>	<b>63.81%</b>
Line Losses on Cost of Power	5	0.09	0.40	5	0.09	0.40	0.00	0.00%	2.28%
<b>Sub-Total: Distribution</b>			<b>10.39</b>			<b>11.47</b>	<b>1.08</b>	<b>10.40%</b>	<b>66.09%</b>
Retail Transmission Rate – Network Service Rate	55	0.0039	0.21	55	0.0039	0.21	0.00	0.00%	1.23%
Retail Transmission Rate – Line and Transformation Connection S	55	0.0032	0.17	55	0.0032	0.17	0.00	0.00%	1.01%
<b>Sub-Total: Retail Transmission</b>			<b>0.39</b>			<b>0.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.23%</b>
<b>Sub-Total: Delivery</b>			<b>10.77</b>			<b>11.85</b>	<b>1.08</b>	<b>10.02%</b>	<b>68.32%</b>
Wholesale Market Service Rate	55	0.0044	0.24	55	0.0044	0.24	0.00	0.00%	1.38%
Rural Rate Protection Charge	55	0.0012	0.07	55	0.0012	0.07	0.00	0.00%	0.38%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	1.44%
<b>Sub-Total: Regulatory</b>			<b>0.56</b>			<b>0.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.20%</b>
<b>Debt Retirement Charge (DRC)</b>	50	0.007	<b>0.35</b>	50	0.007	<b>0.35</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.02%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>15.98</b>			<b>17.06</b>	<b>1.08</b>	<b>6.76%</b>	<b>98.33%</b>
HST		0.13	2.08		0.13	2.22	0.14	6.76%	12.78%
<b>Total Bill (including HST)</b>			<b>18.06</b>			<b>19.28</b>	<b>1.22</b>	<b>6.76%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-1.81		-0.10	-1.93	-0.12	6.76%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>16.25</b>			<b>17.35</b>	<b>1.10</b>	<b>6.76%</b>	<b>100.00%</b>

**2018 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	200	0.086	17.20	200	0.086	17.20	0.00	0.00%	29.48%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>17.20</b>			<b>17.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>29.48%</b>
Service Charge	1	3.04	3.04	1	3.25	3.25	0.21	6.91%	5.57%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-0.04	-0.04	1	0.09	0.09	0.13	-325.00%	0.15%
Fixed Deferral/Variance Account Rider	1	0.03	0.03	1	0.03	0.03	0.00	0.00%	0.05%
Distribution Volumetric Rate	200	0.1406	28.12	200	0.1494	29.88	1.76	6.26%	51.21%
Volumetric Smoothing Rider	200	-0.0021	-0.42	200	0.0039	0.78	1.20	-285.71%	1.34%
Volumetric Deferral/Variance Account Rider	200	0.0007	0.14	200	0.0007	0.14	0.00	0.00%	0.24%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>30.87</b>			<b>34.17</b>	<b>3.30</b>	<b>10.69%</b>	<b>58.56%</b>
Line Losses on Cost of Power	18	0.09	1.58	18	0.09	1.58	0.00	0.00%	2.71%
<b>Sub-Total: Distribution</b>			<b>32.45</b>			<b>35.75</b>	<b>3.30</b>	<b>10.17%</b>	<b>61.27%</b>
Retail Transmission Rate – Network Service Rate	218	0.0039	0.85	218	0.0039	0.85	0.00	0.00%	1.46%
Retail Transmission Rate – Line and Transformation Connection S	218	0.0032	0.70	218	0.0032	0.70	0.00	0.00%	1.20%
<b>Sub-Total: Retail Transmission</b>			<b>1.55</b>			<b>1.55</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.66%</b>
<b>Sub-Total: Delivery</b>			<b>34.00</b>			<b>37.30</b>	<b>3.30</b>	<b>9.71%</b>	<b>63.93%</b>
Wholesale Market Service Rate	218	0.0044	0.96	218	0.0044	0.96	0.00	0.00%	1.65%
Rural Rate Protection Charge	218	0.0012	0.26	218	0.0012	0.26	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%	0.43%
<b>Sub-Total: Regulatory</b>			<b>1.47</b>			<b>1.47</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.52%</b>
<b>Debt Retirement Charge (DRC)</b>	200	0.007	1.40	200	0.007	1.40	0.00	0.00%	2.40%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>54.08</b>			<b>57.38</b>	<b>3.30</b>	<b>6.10%</b>	<b>98.33%</b>
HST		0.13	7.03		0.13	7.46	0.43	6.10%	12.78%
<b>Total Bill (including HST)</b>			<b>61.11</b>			<b>64.83</b>	<b>3.73</b>	<b>6.10%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-6.11		-0.10	-6.48	-0.37	6.10%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>55.00</b>			<b>58.35</b>	<b>3.36</b>	<b>6.10%</b>	<b>100.00%</b>

**2018 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	15.62%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>15.62%</b>
Service Charge	1	39.41	39.41	1	38.11	38.11	-1.30	-3.30%	69.24%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-0.58	-0.58	1	1	1.00	1.58	-272.41%	1.82%
Fixed Deferral/Variance Account Rider	1	0.32	0.32	1	0.3	0.30	-0.02	-6.25%	0.55%
Distribution Volumetric Rate	100	0.0297	2.97	100	0.0286	2.86	-0.11	-3.70%	5.20%
Volumetric Smoothing Rider	100	-0.0004	-0.04	100	0.0008	0.08	0.12	-300.00%	0.15%
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>42.08</b>			<b>42.34</b>	<b>0.26</b>	<b>0.62%</b>	<b>76.92%</b>
Line Losses on Cost of Power	9	0.09	0.79	9	0.09	0.79	0.00	0.00%	1.44%
<b>Sub-Total: Distribution</b>			<b>42.87</b>			<b>43.13</b>	<b>0.26</b>	<b>0.61%</b>	<b>78.36%</b>
Retail Transmission Rate – Network Service Rate	109	0.0046	0.50	109	0.0046	0.50	0.00	0.00%	0.91%
Retail Transmission Rate – Line and Transformation Connection S	109	0.003	0.33	109	0.003	0.33	0.00	0.00%	0.60%
<b>Sub-Total: Retail Transmission</b>			<b>0.83</b>			<b>0.83</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.51%</b>
<b>Sub-Total: Delivery</b>			<b>43.70</b>			<b>43.96</b>	<b>0.26</b>	<b>0.59%</b>	<b>79.87%</b>
Wholesale Market Service Rate	109	0.0044	0.48	109	0.0044	0.48	0.00	0.00%	0.87%
Rural Rate Protection Charge	109	0.0012	0.13	109	0.0012	0.13	0.00	0.00%	0.24%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.45%
<b>Sub-Total: Regulatory</b>			<b>0.86</b>			<b>0.86</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.57%</b>
<b>Debt Retirement Charge (DRC)</b>	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	1.27%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>53.86</b>			<b>54.12</b>	<b>0.26</b>	<b>0.48%</b>	<b>98.33%</b>
HST		0.13	7.00		0.13	7.04	0.03	0.48%	12.78%
<b>Total Bill (including HST)</b>			<b>60.86</b>			<b>61.16</b>	<b>0.29</b>	<b>0.48%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-6.09		-0.10	-6.12	-0.03	0.48%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>54.78</b>			<b>55.04</b>	<b>0.26</b>	<b>0.48%</b>	<b>100.00%</b>

**2018 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	500	0.086	43.00	500	0.086	43.00	0.00	0.00%	37.76%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>43.00</b>			<b>43.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>37.76%</b>
Service Charge	1	39.41	39.41	1	38.11	38.11	-1.30	-3.30%	33.47%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-0.58	-0.58	1	1	1.00	1.58	-272.41%	0.88%
Fixed Deferral/Variance Account Rider	1	0.32	0.32	1	0.3	0.30	-0.02	-6.25%	0.26%
Distribution Volumetric Rate	500	0.0297	14.85	500	0.0286	14.30	-0.55	-3.70%	12.56%
Volumetric Smoothing Rider	500	-0.0004	-0.20	500	0.0008	0.40	0.60	-300.00%	0.35%
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>53.80</b>			<b>54.06</b>	<b>0.26</b>	<b>0.48%</b>	<b>47.47%</b>
Line Losses on Cost of Power	46	0.09	3.96	46	0.09	3.96	0.00	0.00%	3.47%
<b>Sub-Total: Distribution</b>			<b>57.76</b>			<b>58.02</b>	<b>0.26</b>	<b>0.45%</b>	<b>50.95%</b>
Retail Transmission Rate – Network Service Rate	546	0.0046	2.51	546	0.0046	2.51	0.00	0.00%	2.21%
Retail Transmission Rate – Line and Transformation Connection S	546	0.003	1.64	546	0.003	1.64	0.00	0.00%	1.44%
<b>Sub-Total: Retail Transmission</b>			<b>4.15</b>			<b>4.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.64%</b>
<b>Sub-Total: Delivery</b>			<b>61.91</b>			<b>62.17</b>	<b>0.26</b>	<b>0.42%</b>	<b>54.59%</b>
Wholesale Market Service Rate	546	0.0044	2.40	546	0.0044	2.40	0.00	0.00%	2.11%
Rural Rate Protection Charge	546	0.0012	0.66	546	0.0012	0.66	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%	0.22%
<b>Sub-Total: Regulatory</b>			<b>3.31</b>			<b>3.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.90%</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>3.07%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>111.71</b>			<b>111.97</b>	<b>0.26</b>	<b>0.23%</b>	<b>98.33%</b>
HST		0.13	14.52		0.13	14.56	0.03	0.23%	12.78%
<b>Total Bill (including HST)</b>			<b>126.24</b>			<b>126.53</b>	<b>0.29</b>	<b>0.23%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-12.62		-0.10	-12.65	-0.03	0.23%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>113.61</b>			<b>113.88</b>	<b>0.26</b>	<b>0.23%</b>	<b>100.00%</b>



**2018 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	33.48%
Energy Second Tier (kWh)	250	0.101	25.25	250	0.101	25.25	0.00	0.00%	13.11%
<b>Sub-Total: Energy (RPP)</b>			<b>89.75</b>			<b>89.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.59%</b>
Service Charge	1	39.41	39.41	1	38.11	38.11	-1.30	-3.30%	19.78%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-0.58	-0.58	1	1	1.00	1.58	-272.41%	0.52%
Fixed Deferral/Variance Account Rider	1	0.32	0.32	1	0.3	0.30	-0.02	-6.25%	0.16%
Distribution Volumetric Rate	1,000	0.0297	29.70	1,000	0.0286	28.60	-1.10	-3.70%	14.85%
Volumetric Smoothing Rider	1,000	-0.0004	-0.40	1,000	0.0008	0.80	1.20	-300.00%	0.42%
Volumetric Deferral/Variance Account Rider	1,000	0	0.00	1,000	-0.0001	-0.10	-0.10	0.00%	-0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>68.45</b>			<b>68.71</b>	<b>0.26</b>	<b>0.38%</b>	<b>35.67%</b>
Line Losses on Cost of Power	92	0.10	9.29	92	0.10	9.29	0.00	0.00%	4.82%
<b>Sub-Total: Distribution</b>			<b>77.74</b>			<b>78.00</b>	<b>0.26</b>	<b>0.33%</b>	<b>40.49%</b>
Retail Transmission Rate – Network Service Rate	1,092	0.0046	5.02	1,092	0.0046	5.02	0.00	0.00%	2.61%
Retail Transmission Rate – Line and Transformation Connection S	1,092	0.003	3.28	1,092	0.003	3.28	0.00	0.00%	1.70%
<b>Sub-Total: Retail Transmission</b>			<b>8.30</b>			<b>8.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.31%</b>
<b>Sub-Total: Delivery</b>			<b>86.04</b>			<b>86.30</b>	<b>0.26</b>	<b>0.30%</b>	<b>44.80%</b>
Wholesale Market Service Rate	1,092	0.0044	4.80	1,092	0.0044	4.80	0.00	0.00%	2.49%
Rural Rate Protection Charge	1,092	0.0012	1.31	1,092	0.0012	1.31	0.00	0.00%	0.68%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.13%
<b>Sub-Total: Regulatory</b>			<b>6.37</b>			<b>6.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.30%</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>3.63%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>189.16</b>			<b>189.42</b>	<b>0.26</b>	<b>0.14%</b>	<b>98.33%</b>
HST		0.13	24.59		0.13	24.62	0.03	0.14%	12.78%
<b>Total Bill (including HST)</b>			<b>213.75</b>			<b>214.04</b>	<b>0.29</b>	<b>0.14%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-21.37		-0.10	-21.40	-0.03	0.14%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>192.37</b>			<b>192.64</b>	<b>0.26</b>	<b>0.14%</b>	<b>100.00%</b>

**2018 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,915	0.086	1,368.69	15,915	0.086	1,368.69	0.00	0.00%	41.51%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,368.69</b>			<b>1,368.69</b>	<b>0.00</b>	<b>0.00%</b>	<b>41.51%</b>
Service Charge	1	98.56	98.56	1	103.54	103.54	4.98	5.05%	3.14%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-1.44	-1.44	1	2.72	2.72	4.16	-288.89%	0.08%
Fixed Deferral/Variance Account Rider	1	0.68	0.68	1	0.69	0.69	0.01	1.47%	0.02%
Distribution Volumetric Rate	60	16.4418	986.51	60	17.6167	1,057.00	70.49	7.15%	32.06%
Volumetric Smoothing Rider	60	-0.2405	-14.43	60	0.4624	27.74	42.17	-292.27%	0.84%
Volumetric Deferral/Variance Account Rider	60	0.021	1.26	60	0.026	1.55	0.29	22.86%	0.05%
<b>Sub-Total: Distribution</b>			<b>1,071.14</b>			<b>1,193.24</b>	<b>122.11</b>	<b>11.40%</b>	<b>36.19%</b>
Retail Transmission Rate – Network Service Rate	60	1.6422	98.53	60	1.6422	98.53	0.00	0.00%	2.99%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.0516	63.10	60	1.0516	63.10	0.00	0.00%	1.91%
<b>Sub-Total: Retail Transmission</b>			<b>161.63</b>			<b>161.63</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.90%</b>
<b>Sub-Total: Delivery</b>			<b>1,232.77</b>			<b>1,354.87</b>	<b>122.11</b>	<b>9.91%</b>	<b>41.09%</b>
Wholesale Market Service Rate	15,915	0.0044	70.03	15,915	0.0044	70.03	0.00	0.00%	2.12%
Rural Rate Protection Charge	15,915	0.0012	19.10	15,915	0.0012	19.10	0.00	0.00%	0.58%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>89.37</b>			<b>89.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.71%</b>
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.18%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>2,795.83</b>			<b>2,917.94</b>	<b>122.11</b>	<b>4.37%</b>	<b>88.50%</b>
HST		0.13	363.46		0.13	379.33	15.87	4.37%	11.50%
<b>Total Bill (including HST)</b>			<b>3,159.29</b>			<b>3,297.27</b>	<b>137.98</b>	<b>4.37%</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 Two-Tier RPP (including OCEB)</b>			<b>3,159.29</b>			<b>3,297.27</b>	<b>137.98</b>	<b>4.37%</b>	<b>100.00%</b>

**2018 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	37,135	0.086	3,193.61	37,135	0.086	3,193.61	0.00	0.00%	45.22%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>3,193.61</b>			<b>3,193.61</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.22%</b>
Service Charge	1	98.56	98.56	1	103.54	103.54	4.98	5.05%	1.47%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-1.44	-1.44	1	2.72	2.72	4.16	-288.89%	0.04%
Fixed Deferral/Variance Account Rider	1	0.68	0.68	1	0.69	0.69	0.01	1.47%	0.01%
Distribution Volumetric Rate	120	16.4418	1,973.02	120	17.6167	2,114.00	140.99	7.15%	29.93%
Volumetric Smoothing Rider	120	-0.2405	-28.86	120	0.4624	55.49	84.35	-292.27%	0.79%
Volumetric Deferral/Variance Account Rider	120	0.021	2.52	120	0.0258	3.10	0.58	22.86%	0.04%
<b>Sub-Total: Distribution</b>			<b>2,044.48</b>			<b>2,279.54</b>	<b>235.06</b>	<b>11.50%</b>	<b>32.28%</b>
Retail Transmission Rate – Network Service Rate	120	1.6422	197.06	120	1.6422	197.06	0.00	0.00%	2.79%
Retail Transmission Rate – Line and Transformation Connection Service Rate	120	1.0516	126.19	120	1.0516	126.19	0.00	0.00%	1.79%
<b>Sub-Total: Retail Transmission</b>			<b>323.26</b>			<b>323.26</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.58%</b>
<b>Sub-Total: Delivery</b>			<b>2,367.73</b>			<b>2,602.79</b>	<b>235.06</b>	<b>9.93%</b>	<b>36.86%</b>
Wholesale Market Service Rate	37,135	0.0044	163.39	37,135	0.0044	163.39	0.00	0.00%	2.31%
Rural Rate Protection Charge	37,135	0.0012	44.56	37,135	0.0012	44.56	0.00	0.00%	0.63%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>208.21</b>			<b>208.21</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.95%</b>
Debt Retirement Charge (DRC)	35,000	0.007	245.00	35,000	0.007	245.00	0.00	0.00%	3.47%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>6,014.55</b>			<b>6,249.61</b>	<b>235.06</b>	<b>3.91%</b>	<b>88.50%</b>
HST		0.13	781.89		0.13	812.45	30.56	3.91%	11.50%
<b>Total Bill (including HST)</b>			<b>6,796.44</b>			<b>7,062.06</b>	<b>265.62</b>	<b>3.91%</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 Two-Tier RPP (including OCEB)</b>			<b>6,796.44</b>			<b>7,062.06</b>	<b>265.62</b>	<b>3.91%</b>	<b>100.00%</b>

**2018 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	185,675	0.086	15,968.05	185,675	0.086	15,968.05	0.00	0.00%	49.17%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>15,968.05</b>			<b>15,968.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>49.17%</b>
Service Charge	1	98.56	98.56	1	103.54	103.54	4.98	5.05%	0.32%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-1.44	-1.44	1	2.72	2.72	4.16	-288.89%	0.01%
Fixed Deferral/Variance Account Rider	1	0.68	0.68	1	0.69	0.69	0.01	1.47%	0.00%
Distribution Volumetric Rate	500	16.4418	8,220.90	500	17.6167	8,808.35	587.45	7.15%	27.12%
Volumetric Smoothing Rider	500	-0.2405	-120.25	500	0.4624	231.20	351.45	-292.27%	0.71%
Volumetric Deferral/Variance Account Rider	500	0.021	10.50	500	0.0258	12.90	2.40	22.86%	0.04%
<b>Sub-Total: Distribution</b>			<b>8,208.95</b>			<b>9,159.40</b>	<b>950.45</b>	<b>11.58%</b>	<b>28.20%</b>
Retail Transmission Rate – Network Service Rate	500	1.6422	821.10	500	1.6422	821.10	0.00	0.00%	2.53%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.0516	525.80	500	1.0516	525.80	0.00	0.00%	1.62%
<b>Sub-Total: Retail Transmission</b>			<b>1,346.90</b>			<b>1,346.90</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.15%</b>
<b>Sub-Total: Delivery</b>			<b>9,555.85</b>			<b>10,506.30</b>	<b>950.45</b>	<b>9.95%</b>	<b>32.35%</b>
Wholesale Market Service Rate	185,675	0.0044	816.97	185,675	0.0044	816.97	0.00	0.00%	2.52%
Rural Rate Protection Charge	185,675	0.0012	222.81	185,675	0.0012	222.81	0.00	0.00%	0.69%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,040.03</b>			<b>1,040.03</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.20%</b>
Debt Retirement Charge (DRC)	175,000	0.007	1,225.00	175,000	0.007	1,225.00	0.00	0.00%	3.77%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>27,788.93</b>			<b>28,739.38</b>	<b>950.45</b>	<b>3.42%</b>	<b>88.50%</b>
HST		0.13	3,612.56		0.13	3,736.12	123.56	3.42%	11.50%
<b>Total Bill (including HST)</b>			<b>31,401.49</b>			<b>32,475.50</b>	<b>1,074.01</b>	<b>3.42%</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>31,401.49</b>			<b>32,475.50</b>	<b>1,074.01</b>	<b>3.42%</b>	<b>100.00%</b>

**2018 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,750	0.086	1,354.50	15,750	0.086	1,354.50	0.00	0.00%	48.45%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,354.50</b>			<b>1,354.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.45%</b>
Service Charge	1	100.56	100.56	1	106.14	106.14	5.58	5.55%	3.80%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-1.47	-1.47	1	2.79	2.79	4.26	-289.80%	0.10%
Fixed Deferral/Variance Account Rider	1	0.69	0.69	1	0.71	0.71	0.02	2.90%	0.03%
Distribution Volumetric Rate	60	9.383	562.98	60	10.0451	602.71	39.73	7.06%	21.56%
Volumetric Smoothing Rider	60	-0.1373	-8.24	60	0.2637	15.82	24.06	-292.06%	0.57%
Volumetric Deferral/Variance Account Rider	60	-0.0401	-2.41	60	-0.0376	-2.26	0.15	-6.23%	-0.08%
<b>Sub-Total: Distribution</b>			<b>652.12</b>			<b>725.91</b>	<b>73.80</b>	<b>11.32%</b>	<b>25.97%</b>
Retail Transmission Rate – Network Service Rate	60	2.0526	123.16	60	2.0526	123.16	0.00	0.00%	4.41%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.2844	77.06	60	1.2844	77.06	0.00	0.00%	2.76%
<b>Sub-Total: Retail Transmission</b>			<b>200.22</b>			<b>200.22</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.16%</b>
<b>Sub-Total: Delivery</b>			<b>852.34</b>			<b>926.13</b>	<b>73.80</b>	<b>8.66%</b>	<b>33.13%</b>
Wholesale Market Service Rate	15,750	0.0044	69.30	15,750	0.0044	69.30	0.00	0.00%	2.48%
Rural Rate Protection Charge	15,750	0.0012	18.90	15,750	0.0012	18.90	0.00	0.00%	0.68%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>88.45</b>			<b>88.45</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.16%</b>
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.76%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>2,400.29</b>			<b>2,474.08</b>	<b>73.80</b>	<b>3.07%</b>	<b>88.50%</b>
HST		0.13	312.04		0.13	321.63	9.59	3.07%	11.50%
<b>Total Bill (including HST)</b>			<b>2,712.32</b>			<b>2,795.71</b>	<b>83.39</b>	<b>3.07%</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>2,712.32</b>			<b>2,795.71</b>	<b>83.39</b>	<b>3.07%</b>	<b>100.00%</b>

**2018 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	36,750	0.086	3,160.50	36,750	0.086	3,160.50	0.00	0.00%	52.24%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>3,160.50</b>			<b>3,160.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>52.24%</b>
Service Charge	1	100.56	100.56	1	106.14	106.14	5.58	5.55%	1.75%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-1.47	-1.47	1	2.79	2.79	4.26	-289.80%	0.05%
Fixed Deferral/Variance Account Rider	1	0.69	0.69	1	0.71	0.71	0.02	2.90%	0.01%
Distribution Volumetric Rate	120	9.383	1,125.96	120	10.0451	1,205.41	79.45	7.06%	19.92%
Volumetric Smoothing Rider	120	-0.1373	-16.48	120	0.2637	31.64	48.12	-292.06%	0.52%
Volumetric Deferral/Variance Account Rider	120	-0.0401	-4.81	120	-0.0376	-4.51	0.30	-6.23%	-0.07%
<b>Sub-Total: Distribution</b>			<b>1,204.45</b>			<b>1,342.18</b>	<b>137.73</b>	<b>11.44%</b>	<b>22.18%</b>
Retail Transmission Rate – Network Service Rate	120	2.0526	246.31	120	2.0526	246.31	0.00	0.00%	4.07%
Retail Transmission Rate – Line and Transformation Connection Service Rate	120	1.2844	154.13	120	1.2844	154.13	0.00	0.00%	2.55%
<b>Sub-Total: Retail Transmission</b>			<b>400.44</b>			<b>400.44</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.62%</b>
<b>Sub-Total: Delivery</b>			<b>1,604.89</b>			<b>1,742.62</b>	<b>137.73</b>	<b>8.58%</b>	<b>28.80%</b>
Wholesale Market Service Rate	36,750	0.0044	161.70	36,750	0.0044	161.70	0.00	0.00%	2.67%
Rural Rate Protection Charge	36,750	0.0012	44.10	36,750	0.0012	44.10	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>206.05</b>			<b>206.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.41%</b>
Debt Retirement Charge (DRC)	35,000	0.007	245.00	35,000	0.007	245.00	0.00	0.00%	4.05%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>5,216.44</b>			<b>5,354.17</b>	<b>137.73</b>	<b>2.64%</b>	<b>88.50%</b>
HST		0.13	678.14		0.13	696.04	17.91	2.64%	11.50%
<b>Total Bill (including HST)</b>			<b>5,894.58</b>			<b>6,050.22</b>	<b>155.64</b>	<b>2.64%</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>5,894.58</b>			<b>6,050.22</b>	<b>155.64</b>	<b>2.64%</b>	<b>100.00%</b>

**2018 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	183,750	0.086	15,802.50	183,750	0.086	15,802.50	0.00	0.00%	56.00%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>15,802.50</b>			<b>15,802.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>56.00%</b>
Service Charge	1	100.56	100.56	1	106.14	106.14	5.58	5.55%	0.38%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-1.47	-1.47	1	2.79	2.79	4.26	-289.80%	0.01%
Fixed Deferral/Variance Account Rider	1	0.69	0.69	1	0.71	0.71	0.02	2.90%	0.00%
Distribution Volumetric Rate	500	9.383	4,691.50	500	10.0451	5,022.55	331.05	7.06%	17.80%
Volumetric Smoothing Rider	500	-0.1373	-68.65	500	0.2637	131.85	200.50	-292.06%	0.47%
Volumetric Deferral/Variance Account Rider	500	-0.0401	-20.05	500	-0.0376	-18.80	1.25	-6.23%	-0.07%
<b>Sub-Total: Distribution</b>			<b>4,702.58</b>			<b>5,245.24</b>	<b>542.66</b>	<b>11.54%</b>	<b>18.59%</b>
Retail Transmission Rate – Network Service Rate	500	2.0526	1,026.30	500	2.0526	1,026.30	0.00	0.00%	3.64%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.2844	642.20	500	1.2844	642.20	0.00	0.00%	2.28%
<b>Sub-Total: Retail Transmission</b>			<b>1,668.50</b>			<b>1,668.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.91%</b>
<b>Sub-Total: Delivery</b>			<b>6,371.08</b>			<b>6,913.74</b>	<b>542.66</b>	<b>8.52%</b>	<b>24.50%</b>
Wholesale Market Service Rate	183,750	0.0044	808.50	183,750	0.0044	808.50	0.00	0.00%	2.87%
Rural Rate Protection Charge	183,750	0.0012	220.50	183,750	0.0012	220.50	0.00	0.00%	0.78%
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>1,029.25</b>			<b>1,029.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.65%</b>
Debt Retirement Charge (DRC)	175,000	0.007	1,225.00	175,000	0.007	1,225.00	0.00	0.00%	4.34%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>24,427.83</b>			<b>24,970.49</b>	<b>542.66</b>	<b>2.22%</b>	<b>88.50%</b>
HST		0.13	3,175.62		0.13	3,246.16	70.55	2.22%	11.50%
<b>Total Bill (including HST)</b>			<b>27,603.45</b>			<b>28,216.65</b>	<b>613.21</b>	<b>2.22%</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>27,603.45</b>			<b>28,216.65</b>	<b>613.21</b>	<b>2.22%</b>	<b>100.00%</b>

**2018 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	318	0.086	27.37	318	0.086	27.37	0.00	0.00%	6.13%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>27.37</b>			<b>27.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.13%</b>
Service Charge	1	238.69	238.69	1	266.3	266.30	27.61	11.57%	59.65%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-3.49	-3.49	1	6.99	6.99	10.48	-300.29%	1.57%
Fixed Deferral/Variance Account Rider	1	2.12	2.12	1	2.31	2.31	0.19	8.96%	0.52%
Distribution Volumetric Rate	10	6.2919	62.92	10	7.6646	76.65	13.73	21.82%	17.17%
Volumetric Smoothing Rider	10	-0.092	-0.92	10	0.2012	2.01	2.93	-318.70%	0.45%
Volumetric Deferral/Variance Account Rider	10	0.0268	0.27	10	0.037	0.37	0.10	38.06%	0.08%
<b>Sub-Total: Distribution</b>			<b>299.59</b>			<b>354.63</b>	<b>55.04</b>	<b>18.37%</b>	<b>79.44%</b>
Retail Transmission Rate – Network Service Rate	10	0.5491	5.49	10	0.5491	5.49	0.00	0.00%	1.23%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10	0.3443	3.44	10	0.3443	3.44	0.00	0.00%	0.77%
<b>Sub-Total: Retail Transmission</b>			<b>8.93</b>			<b>8.93</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.00%</b>
<b>Sub-Total: Delivery</b>			<b>308.52</b>			<b>363.56</b>	<b>55.04</b>	<b>17.84%</b>	<b>81.44%</b>
Wholesale Market Service Rate	318	0.0044	1.40	318	0.0044	1.40	0.00	0.00%	0.31%
Rural Rate Protection Charge	318	0.0012	0.38	318	0.0012	0.38	0.00	0.00%	0.09%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%
<b>Sub-Total: Regulatory</b>			<b>2.03</b>			<b>2.03</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.46%</b>
Debt Retirement Charge (DRC)	300	0.007	2.10	300	0.007	2.10	0.00	0.00%	0.47%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>340.03</b>			<b>395.07</b>	<b>55.04</b>	<b>16.19%</b>	<b>88.50%</b>
HST		0.13	44.20		0.13	51.36	7.16	16.19%	11.50%
<b>Total Bill (including HST)</b>			<b>384.23</b>			<b>446.43</b>	<b>62.20</b>	<b>16.19%</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>384.23</b>			<b>446.43</b>	<b>62.20</b>	<b>16.19%</b>	<b>100.00%</b>



**2018 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	2,122	0.086	182.49	2,122	0.086	182.49	0.00	0.00%	24.46%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>182.49</b>			<b>182.49</b>	<b>0.00</b>	<b>0.00%</b>	<b>24.46%</b>
Service Charge	1	238.69	238.69	1	266.3	266.30	27.61	11.57%	35.70%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-3.49	-3.49	1	6.99	6.99	10.48	-300.29%	0.94%
Fixed Deferral/Variance Account Rider	1	2.12	2.12	1	2.31	2.31	0.19	8.96%	0.31%
Distribution Volumetric Rate	20	6.2919	125.84	20	7.6646	153.29	27.45	21.82%	20.55%
Volumetric Smoothing Rider	20	-0.092	-1.84	20	0.2012	4.02	5.86	-318.70%	0.54%
Volumetric Deferral/Variance Account Rider	20	0.0268	0.54	20	0.037	0.74	0.20	38.06%	0.10%
<b>Sub-Total: Distribution</b>			<b>361.85</b>			<b>433.66</b>	<b>71.80</b>	<b>19.84%</b>	<b>58.13%</b>
Retail Transmission Rate – Network Service Rate	20	0.5491	10.98	20	0.5491	10.98	0.00	0.00%	1.47%
Retail Transmission Rate – Line and Transformation Connection Service Rate	20	0.3443	6.89	20	0.3443	6.89	0.00	0.00%	0.92%
<b>Sub-Total: Retail Transmission</b>			<b>17.87</b>			<b>17.87</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.40%</b>
<b>Sub-Total: Delivery</b>			<b>379.72</b>			<b>451.52</b>	<b>71.80</b>	<b>18.91%</b>	<b>60.53%</b>
Wholesale Market Service Rate	2,122	0.0044	9.34	2,122	0.0044	9.34	0.00	0.00%	1.25%
Rural Rate Protection Charge	2,122	0.0012	2.55	2,122	0.0012	2.55	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%	0.03%
<b>Sub-Total: Regulatory</b>			<b>12.13</b>			<b>12.13</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.63%</b>
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	1.88%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>588.35</b>			<b>660.15</b>	<b>71.80</b>	<b>12.20%</b>	<b>88.50%</b>
HST		0.13	76.49		0.13	85.82	9.33	12.20%	11.50%
<b>Total Bill (including HST)</b>			<b>664.83</b>			<b>745.97</b>	<b>81.14</b>	<b>12.20%</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>664.83</b>			<b>745.97</b>	<b>81.14</b>	<b>12.20%</b>	<b>100.00%</b>

**2018 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	5,305	0.086	456.23	5,305	0.086	456.23	0.00	0.00%	24.08%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>456.23</b>			<b>456.23</b>	<b>0.00</b>	<b>0.00%</b>	<b>24.08%</b>
Service Charge	1	238.69	238.69	1	266.3	266.30	27.61	11.57%	14.06%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-3.49	-3.49	1	6.99	6.99	10.48	-300.29%	0.37%
Fixed Deferral/Variance Account Rider	1	2.12	2.12	1	2.31	2.31	0.19	8.96%	0.12%
Distribution Volumetric Rate	100	6.2919	629.19	100	7.6646	766.46	137.27	21.82%	40.46%
Volumetric Smoothing Rider	100	-0.092	-9.20	100	0.2012	20.12	29.32	-318.70%	1.06%
Volumetric Deferral/Variance Account Rider	100	0.0268	2.68	100	0.037	3.70	1.02	38.06%	0.20%
<b>Sub-Total: Distribution</b>			<b>859.99</b>			<b>1,065.88</b>	<b>205.89</b>	<b>23.94%</b>	<b>56.27%</b>
Retail Transmission Rate – Network Service Rate	100	0.5491	54.91	100	0.5491	54.91	0.00	0.00%	2.90%
Retail Transmission Rate – Line and Transformation Connection Service Rate	100	0.3443	34.43	100	0.3443	34.43	0.00	0.00%	1.82%
<b>Sub-Total: Retail Transmission</b>			<b>89.34</b>			<b>89.34</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.72%</b>
<b>Sub-Total: Delivery</b>			<b>949.33</b>			<b>1,155.22</b>	<b>205.89</b>	<b>21.69%</b>	<b>60.98%</b>
Wholesale Market Service Rate	5,305	0.0044	23.34	5,305	0.0044	23.34	0.00	0.00%	1.23%
Rural Rate Protection Charge	5,305	0.0012	6.37	5,305	0.0012	6.37	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%	0.01%
<b>Sub-Total: Regulatory</b>			<b>29.96</b>			<b>29.96</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.58%</b>
Debt Retirement Charge (DRC)	5,000	0.007	35.00	5,000	0.007	35.00	0.00	0.00%	1.85%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>1,470.52</b>			<b>1,676.41</b>	<b>205.89</b>	<b>14.00%</b>	<b>88.50%</b>
HST		0.13	191.17		0.13	217.93	26.77	14.00%	11.50%
<b>Total Bill (including HST)</b>			<b>1,661.69</b>			<b>1,894.34</b>	<b>232.66</b>	<b>14.00%</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 Two-Tier RPP (including OCEB)</b>			<b>1,661.69</b>			<b>1,894.34</b>	<b>232.66</b>	<b>14.00%</b>	<b>100.00%</b>

**2018 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	206,800	0.086	17,784.80	206,800	0.086	17,784.80	0.00	0.00%	61.50%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>17,784.80</b>			<b>17,784.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>61.50%</b>
Service Charge	1	1258.49	1,258.49	1	1314.53	1,314.53	56.04	4.45%	4.55%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-14.19	-14.19	1	26.4	26.40	40.59	-286.05%	0.09%
Fixed Deferral/Variance Account Rider	1	6.55	6.55	1	6.64	6.64	0.09	1.37%	0.02%
Distribution Volumetric Rate	500	1.3182	659.10	500	1.3849	692.45	33.35	5.06%	2.39%
Volumetric Smoothing Rider	500	-0.0207	-10.35	500	0.0388	19.40	29.75	-287.44%	0.07%
Volumetric Deferral/Variance Account Rider	500	0.1875	93.75	500	0.1876	93.80	0.05	0.05%	0.32%
<b>Sub-Total: Distribution</b>			<b>1,993.35</b>			<b>2,153.22</b>	<b>159.87</b>	<b>8.02%</b>	<b>7.45%</b>
Retail Transmission Rate – Network Service Rate	500	3.5654	1,782.70	500	3.5654	1,782.70	0.00	0.00%	6.17%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	2.6212	1,310.60	500	2.6212	1,310.60	0.00	0.00%	4.53%
<b>Sub-Total: Retail Transmission</b>			<b>3,093.30</b>			<b>3,093.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>10.70%</b>
<b>Sub-Total: Delivery</b>			<b>5,086.65</b>			<b>5,246.52</b>	<b>159.87</b>	<b>3.14%</b>	<b>18.14%</b>
Wholesale Market Service Rate	206,800	0.0044	909.92	206,800	0.0044	909.92	0.00	0.00%	3.15%
Rural Rate Protection Charge	206,800	0.0012	248.16	206,800	0.0012	248.16	0.00	0.00%	0.86%
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>1,158.33</b>			<b>1,158.33</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.01%</b>
Debt Retirement Charge (DRC)	200,000	0.007	1,400.00	200,000	0.007	1,400.00	0.00	0.00%	4.84%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>25,429.78</b>			<b>25,589.65</b>	<b>159.87</b>	<b>0.63%</b>	<b>88.50%</b>
HST		0.13	3,305.87		0.13	3,326.65	20.78	0.63%	11.50%
<b>Total Bill (including HST)</b>			<b>28,735.65</b>			<b>28,916.30</b>	<b>180.65</b>	<b>0.63%</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>28,735.65</b>			<b>28,916.30</b>	<b>180.65</b>	<b>0.63%</b>	<b>100.00%</b>

**2018 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	517,000	0.086	44,462.00	517,000	0.086	44,462.00	0.00	0.00%	65.57%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>44,462.00</b>			<b>44,462.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>65.57%</b>
Service Charge	1	1258.49	1,258.49	1	1314.53	1,314.53	56.04	4.45%	1.94%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-14.19	-14.19	1	26.4	26.40	40.59	-286.05%	0.04%
Fixed Deferral/Variance Account Rider	1	6.55	6.55	1	6.64	6.64	0.09	1.37%	0.01%
Distribution Volumetric Rate	1,000	1.3182	1,318.20	1,000	1.3849	1,384.90	66.70	5.06%	2.04%
Volumetric Smoothing Rider	1,000	-0.0207	-20.70	1,000	0.0388	38.80	59.50	-287.44%	0.06%
Volumetric Deferral/Variance Account Rider	1,000	0.1875	187.50	1,000	0.1876	187.60	0.10	0.05%	0.28%
<b>Sub-Total: Distribution</b>			<b>2,735.85</b>			<b>2,958.87</b>	<b>223.02</b>	<b>8.15%</b>	<b>4.36%</b>
Retail Transmission Rate – Network Service Rate	1,000	3.5654	3,565.40	1,000	3.5654	3,565.40	0.00	0.00%	5.26%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,000	2.6212	2,621.20	1,000	2.6212	2,621.20	0.00	0.00%	3.87%
<b>Sub-Total: Retail Transmission</b>			<b>6,186.60</b>			<b>6,186.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>9.12%</b>
<b>Sub-Total: Delivery</b>			<b>8,922.45</b>			<b>9,145.47</b>	<b>223.02</b>	<b>2.50%</b>	<b>13.49%</b>
Wholesale Market Service Rate	517,000	0.0044	2,274.80	517,000	0.0044	2,274.80	0.00	0.00%	3.35%
Rural Rate Protection Charge	517,000	0.0012	620.40	517,000	0.0012	620.40	0.00	0.00%	0.91%
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>2,895.45</b>			<b>2,895.45</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.27%</b>
Debt Retirement Charge (DRC)	500,000	0.007	3,500.00	500,000	0.007	3,500.00	0.00	0.00%	5.16%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>59,779.90</b>			<b>60,002.92</b>	<b>223.02</b>	<b>0.37%</b>	<b>88.50%</b>
HST		0.13	7,771.39		0.13	7,800.38	28.99	0.37%	11.50%
<b>Total Bill (including HST)</b>			<b>67,551.29</b>			<b>67,803.30</b>	<b>252.01</b>	<b>0.37%</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 Two-Tier RPP (including OCEB)</b>			<b>67,551.29</b>			<b>67,803.30</b>	<b>252.01</b>	<b>0.37%</b>	<b>100.00%</b>

**2018 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	4,136,000	0.086	355,696.00	4,136,000	0.086	355,696.00	0.00	0.00%	64.74%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>355,696.00</b>			<b>355,696.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>64.74%</b>
Service Charge	1	1258.49	1,258.49	1	1314.53	1,314.53	56.04	4.45%	0.24%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	-14.19	-14.19	1	26.4	26.40	40.59	-286.05%	0.00%
Fixed Deferral/Variance Account Rider	1	6.55	6.55	1	6.64	6.64	0.09	1.37%	0.00%
Distribution Volumetric Rate	10,000	1.3182	13,182.00	10,000	1.3849	13,849.00	667.00	5.06%	2.52%
Volumetric Smoothing Rider	10,000	-0.0207	-207.00	10,000	0.0388	388.00	595.00	-287.44%	0.07%
Volumetric Deferral/Variance Account Rider	10,000	0.1875	1,875.00	10,000	0.1876	1,876.00	1.00	0.05%	0.34%
<b>Sub-Total: Distribution</b>			<b>16,100.85</b>			<b>17,460.57</b>	<b>1,359.72</b>	<b>8.45%</b>	<b>3.18%</b>
Retail Transmission Rate – Network Service Rate	10,000	3.5654	35,654.00	10,000	3.5654	35,654.00	0.00	0.00%	6.49%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,000	2.6212	26,212.00	10,000	2.6212	26,212.00	0.00	0.00%	4.77%
<b>Sub-Total: Retail Transmission</b>			<b>61,866.00</b>			<b>61,866.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>11.26%</b>
<b>Sub-Total: Delivery</b>			<b>77,966.85</b>			<b>79,326.57</b>	<b>1,359.72</b>	<b>1.74%</b>	<b>14.44%</b>
Wholesale Market Service Rate	4,136,000	0.0044	18,198.40	4,136,000	0.0044	18,198.40	0.00	0.00%	3.31%
Rural Rate Protection Charge	4,136,000	0.0012	4,963.20	4,136,000	0.0012	4,963.20	0.00	0.00%	0.90%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>23,161.85</b>			<b>23,161.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.22%</b>
Debt Retirement Charge (DRC)	4,000,000	0.007	28,000.00	4,000,000	0.007	28,000.00	0.00	0.00%	5.10%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>484,824.70</b>			<b>486,184.42</b>	<b>1,359.72</b>	<b>0.28%</b>	<b>88.50%</b>
HST		0.13	63,027.21		0.13	63,203.97	176.76	0.28%	11.50%
<b>Total Bill (including HST)</b>			<b>547,851.91</b>			<b>549,388.39</b>	<b>1,536.48</b>	<b>0.28%</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>547,851.91</b>			<b>549,388.39</b>	<b>1,536.48</b>	<b>0.28%</b>	<b>100.00%</b>

**2019 Bill Impacts (Low Consumption Level)**

Rate Class	UR
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	105.7
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	23.75%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>23.75%</b>	
TOU-Off Peak	64	0.075	4.80	64	0.075	4.80	0.00	0.00%		13.01%
TOU-Mid Peak	18	0.112	2.02	18	0.112	2.02	0.00	0.00%		5.46%
TOU-On Peak	18	0.135	2.43	18	0.135	2.43	0.00	0.00%		6.59%
<b>Sub-Total: Energy (TOU)</b>			<b>9.25</b>			<b>9.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>25.54%</b>	<b>25.06%</b>
Service Charge	1	20.01	20.01	1	19.65	19.65	-0.36	-1.80%	54.27%	53.25%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0.53	0.53	1	1.25	1.25	0.72	135.85%	3.45%	3.39%
Fixed Deferral/Variance Account Rider	1	0.22	0.22	1	0.21	0.21	-0.01	-4.55%	0.58%	0.57%
Distribution Volumetric Rate	100	0.0174	1.74	100	0.0172	1.72	-0.02	-1.15%	4.75%	4.66%
Volumetric Smoothing Rider	100	0.0005	0.05	100	0.0011	0.11	0.06	120.00%	0.30%	0.30%
Volumetric Deferral/Variance Account Rider	100	-0.0001	-0.01	100	-0.0002	-0.02	-0.01	100.00%	-0.06%	-0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>22.54</b>			<b>22.92</b>	<b>0.38</b>	<b>1.69%</b>	<b>63.31%</b>	<b>62.11%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	2.18%	2.14%
Line Losses on Cost of Power (based on two-tier RPP prices)	6	0.09	0.49	6	0.09	0.49	0.00	0.00%	1.35%	1.33%
Line Losses on Cost of Power (based on TOU prices)	6	0.09	0.53	6	0.09	0.53	0.00	0.00%	1.46%	1.43%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>23.82</b>			<b>24.20</b>	<b>0.38</b>	<b>1.60%</b>	<b>66.84%</b>	<b>65.58%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>23.86</b>			<b>24.24</b>	<b>0.38</b>	<b>1.59%</b>	<b>66.94%</b>	<b>65.68%</b>
Retail Transmission Rate – Network Service Rate	106	0.0071	0.75	106	0.0071	0.75	0.00	0.00%	2.07%	2.03%
Retail Transmission Rate – Line and Transformation Connection	106	0.0048	0.51	106	0.0048	0.51	0.00	0.00%	1.40%	1.37%
<b>Sub-Total: Retail Transmission</b>			<b>1.26</b>			<b>1.26</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.47%</b>	<b>3.41%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>25.08</b>			<b>25.46</b>	<b>0.38</b>	<b>1.52%</b>	<b>70.32%</b>	<b>68.99%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>25.11</b>			<b>25.49</b>	<b>0.38</b>	<b>1.51%</b>	<b>70.42%</b>	<b>69.09%</b>
Wholesale Market Service Rate	106	0.0044	0.47	106	0.0044	0.47	0.00	0.00%	1.28%	1.26%
Rural Rate Protection Charge	106	0.0012	0.13	106	0.0012	0.13	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%	0.69%	0.68%
<b>Sub-Total: Regulatory</b>			<b>0.84</b>			<b>0.84</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.33%</b>	<b>2.28%</b>
<b>Debt Retirement Charge (DRC)</b>	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	1.93%	1.90%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>35.22</b>			<b>35.60</b>	<b>0.38</b>	<b>1.08%</b>	<b>98.33%</b>	
HST		0.13	4.58		0.13	4.63	0.05	1.08%	12.78%	
<b>Total Bill (including HST)</b>			<b>39.80</b>			<b>40.23</b>	<b>0.43</b>	<b>1.08%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-3.98		-0.10	-4.02	-0.04	1.08%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>35.82</b>			<b>36.21</b>	<b>0.39</b>	<b>1.08%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>35.90</b>			<b>36.28</b>	<b>0.38</b>	<b>1.06%</b>		<b>98.33%</b>
HST		0.13	4.67		0.13	4.72	0.05	1.06%	12.78%	
<b>Total Bill (including HST)</b>			<b>40.57</b>			<b>41.00</b>	<b>0.43</b>	<b>1.06%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-4.06		-0.10	-4.10	-0.04	1.06%	-11.11%	
<b>Total Bill on TOU (including OCEB)</b>			<b>36.51</b>			<b>36.90</b>	<b>0.39</b>	<b>1.06%</b>		<b>100.00%</b>

**2019 Bill Impacts (Typical Consumption Level)**

Rate Class	UR
Monthly Consumption (kWh)	800
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	845.6
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	38.02%	
Energy Second Tier (kWh)	200	0.101	20.20	200	0.101	20.20	0.00	0.00%	14.89%	
<b>Sub-Total: Energy (RPP)</b>			<b>71.80</b>			<b>71.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>52.91%</b>	
TOU-Off Peak	512	0.075	38.40	512	0.075	38.40	0.00	0.00%		27.93%
TOU-Mid Peak	144	0.112	16.13	144	0.112	16.13	0.00	0.00%		11.73%
TOU-On Peak	144	0.135	19.44	144	0.135	19.44	0.00	0.00%		14.14%
<b>Sub-Total: Energy (TOU)</b>			<b>73.97</b>			<b>73.97</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.51%</b>	<b>53.79%</b>
Service Charge	1	20.01	20.01	1	19.65	19.65	-0.36	-1.80%	14.48%	14.29%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0.53	0.53	1	1.25	1.25	0.72	135.85%	0.92%	0.91%
Fixed Deferral/Variance Account Rider	1	0.22	0.22	1	0.21	0.21	-0.01	-4.55%	0.15%	0.15%
Distribution Volumetric Rate	800	0.0174	13.92	800	0.0172	13.76	-0.16	-1.15%	10.14%	10.01%
Volumetric Smoothing Rider	800	0.0005	0.40	800	0.0011	0.88	0.48	120.00%	0.65%	0.64%
Volumetric Deferral/Variance Account Rider	800	-0.0001	-0.08	800	-0.0002	-0.16	-0.08	100.00%	-0.12%	-0.12%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>35.00</b>			<b>35.59</b>	<b>0.59</b>	<b>1.69%</b>	<b>26.23%</b>	<b>25.88%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.58%	0.57%
Line Losses on Cost of Power (based on two-tier RPP prices)	46	0.10	4.61	46	0.10	4.61	0.00	0.00%	3.39%	3.35%
Line Losses on Cost of Power (based on TOU prices)	46	0.09	4.22	46	0.09	4.22	0.00	0.00%	3.11%	3.07%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>40.40</b>			<b>40.99</b>	<b>0.59</b>	<b>1.46%</b>	<b>30.20%</b>	<b>29.81%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>40.01</b>			<b>40.60</b>	<b>0.59</b>	<b>1.47%</b>	<b>29.92%</b>	<b>29.52%</b>
Retail Transmission Rate – Network Service Rate	846	0.0071	6.00	846	0.0071	6.00	0.00	0.00%	4.42%	4.37%
Retail Transmission Rate – Line and Transformation Connection	846	0.0048	4.06	846	0.0048	4.06	0.00	0.00%	2.99%	2.95%
<b>Sub-Total: Retail Transmission</b>			<b>10.06</b>			<b>10.06</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.42%</b>	<b>7.32%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>50.46</b>			<b>51.05</b>	<b>0.59</b>	<b>1.17%</b>	<b>37.62%</b>	<b>37.12%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>50.07</b>			<b>50.66</b>	<b>0.59</b>	<b>1.18%</b>	<b>37.33%</b>	<b>36.84%</b>
Wholesale Market Service Rate	846	0.0044	3.72	846	0.0044	3.72	0.00	0.00%	2.74%	2.71%
Rural Rate Protection Charge	846	0.0012	1.01	846	0.0012	1.01	0.00	0.00%	0.75%	0.74%
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>4.99</b>			<b>4.99</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.67%</b>	<b>3.63%</b>
<b>Debt Retirement Charge (DRC)</b>	800	0.007	5.60	800	0.007	5.60	0.00	0.00%	4.13%	4.07%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>132.84</b>			<b>133.43</b>	<b>0.59</b>	<b>0.44%</b>	<b>98.33%</b>	
HST		0.13	17.27		0.13	17.35	0.08	0.44%	12.78%	
<b>Total Bill (including HST)</b>			<b>150.11</b>			<b>150.78</b>	<b>0.67</b>	<b>0.44%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-15.01		-0.10	-15.08	-0.07	0.44%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>135.10</b>			<b>135.70</b>	<b>0.60</b>	<b>0.44%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>134.62</b>			<b>135.21</b>	<b>0.59</b>	<b>0.44%</b>		<b>98.33%</b>
HST		0.13	17.50		0.13	17.58	0.08	0.44%		12.78%
<b>Total Bill (including HST)</b>			<b>152.12</b>			<b>152.79</b>	<b>0.67</b>	<b>0.44%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-15.21		-0.10	-15.28	-0.07	0.44%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>136.91</b>			<b>137.51</b>	<b>0.60</b>	<b>0.44%</b>		<b>100.00%</b>

**2019 Bill Impacts (High Consumption Level)**

Rate Class	UR
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.057
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	2114
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	16.17%	
Energy Second Tier (kWh)	1,400	0.101	141.40	1,400	0.101	141.40	0.00	0.00%	44.30%	
<b>Sub-Total: Energy (RPP)</b>			<b>193.00</b>			<b>193.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>60.46%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		30.97%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		13.01%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		15.68%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>57.93%</b>	<b>59.65%</b>
Service Charge	1	20.01	20.01	1	19.65	19.65	-0.36	-1.80%	6.16%	6.34%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0.53	0.53	1	1.25	1.25	0.72	135.85%	0.39%	0.40%
Fixed Deferral/Variance Account Rider	1	0.22	0.22	1	0.21	0.21	-0.01	-4.55%	0.07%	0.07%
Distribution Volumetric Rate	2,000	0.0174	34.80	2,000	0.0172	34.40	-0.40	-1.15%	10.78%	11.10%
Volumetric Smoothing Rider	2,000	0.0005	1.00	2,000	0.0011	2.20	1.20	120.00%	0.69%	0.71%
Volumetric Deferral/Variance Account Rider	2,000	-0.0001	-0.20	2,000	-0.0002	-0.40	-0.20	100.00%	-0.13%	-0.13%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>56.36</b>			<b>57.31</b>	<b>0.95</b>	<b>1.69%</b>	<b>17.95%</b>	<b>18.49%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.25%	0.25%
Line Losses on Cost of Power (based on two-tier RPP prices)	114	0.10	11.51	114	0.10	11.51	0.00	0.00%	3.61%	3.71%
Line Losses on Cost of Power (based on TOU prices)	114	0.09	10.54	114	0.09	10.54	0.00	0.00%	3.30%	3.40%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>68.66</b>			<b>69.61</b>	<b>0.95</b>	<b>1.38%</b>	<b>21.81%</b>	<b>22.46%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>67.69</b>			<b>68.64</b>	<b>0.95</b>	<b>1.40%</b>	<b>21.50%</b>	<b>22.14%</b>
Retail Transmission Rate – Network Service Rate	2,114	0.0071	15.01	2,114	0.0071	15.01	0.00	0.00%	4.70%	4.84%
Retail Transmission Rate – Line and Transformation Connection	2,114	0.0048	10.15	2,114	0.0048	10.15	0.00	0.00%	3.18%	3.27%
<b>Sub-Total: Retail Transmission</b>			<b>25.16</b>			<b>25.16</b>	<b>0.00</b>	<b>0.00%</b>	<b>7.88%</b>	<b>8.12%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>93.82</b>			<b>94.77</b>	<b>0.95</b>	<b>1.01%</b>	<b>29.69%</b>	<b>30.57%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>92.85</b>			<b>93.80</b>	<b>0.95</b>	<b>1.02%</b>	<b>29.39%</b>	<b>30.26%</b>
Wholesale Market Service Rate	2,114	0.0044	9.30	2,114	0.0044	9.30	0.00	0.00%	2.91%	3.00%
Rural Rate Protection Charge	2,114	0.0012	2.54	2,114	0.0012	2.54	0.00	0.00%	0.79%	0.82%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.08%	0.08%
<b>Sub-Total: Regulatory</b>			<b>12.09</b>			<b>12.09</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.79%</b>	<b>3.90%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	4.39%	4.52%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>312.91</b>			<b>313.86</b>	<b>0.95</b>	<b>0.30%</b>	<b>98.33%</b>	
HST		0.13	40.68		0.13	40.80	0.12	0.30%	12.78%	
<b>Total Bill (including HST)</b>			<b>353.59</b>			<b>354.66</b>	<b>1.07</b>	<b>0.30%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-35.36		-0.10	-35.47	-0.11	0.30%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>318.23</b>			<b>319.19</b>	<b>0.97</b>	<b>0.30%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>303.86</b>			<b>304.81</b>	<b>0.95</b>	<b>0.31%</b>		<b>98.33%</b>
HST		0.13	39.50		0.13	39.62	0.12	0.31%		12.78%
<b>Total Bill (including HST)</b>			<b>343.36</b>			<b>344.43</b>	<b>1.07</b>	<b>0.31%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-34.34		-0.10	-34.44	-0.11	0.31%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>309.02</b>			<b>309.99</b>	<b>0.97</b>	<b>0.31%</b>		<b>100.00%</b>



**2019 Bill Impacts (Low Consumption Level)**

Rate Class	R1
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	107.6
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	18.36%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>18.36%</b>	
TOU-Off Peak	64	0.075	4.80	64	0.075	4.80	0.00	0.00%		10.09%
TOU-Mid Peak	18	0.112	2.02	18	0.112	2.02	0.00	0.00%		4.24%
TOU-On Peak	18	0.135	2.43	18	0.135	2.43	0.00	0.00%		5.11%
<b>Sub-Total: Energy (TOU)</b>			<b>9.25</b>			<b>9.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>19.74%</b>	<b>19.44%</b>
Service Charge	1	28.31	28.31	1	27.91	27.91	-0.40	-1.41%	59.58%	58.69%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0.74	0.74	1	1.77	1.77	1.03	139.19%	3.78%	3.72%
Fixed Deferral/Variance Account Rider	1	0.27	0.27	1	0.26	0.26	-0.01	-3.70%	0.56%	0.55%
Distribution Volumetric Rate	100	0.0315	3.15	100	0.0313	3.13	-0.02	-0.63%	6.68%	6.58%
Volumetric Smoothing Rider	100	0.0008	0.08	100	0.002	0.20	0.12	150.00%	0.43%	0.42%
Volumetric Deferral/Variance Account Rider	100	-0.0001	-0.01	100	-0.0001	-0.01	0.00	0.00%	-0.02%	-0.02%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>32.54</b>			<b>33.26</b>	<b>0.72</b>	<b>2.21%</b>	<b>71.00%</b>	<b>69.95%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.69%	1.66%
Line Losses on Cost of Power (based on two-tier RPP prices)	8	0.09	0.65	8	0.09	0.65	0.00	0.00%	1.40%	1.37%
Line Losses on Cost of Power (based on TOU prices)	8	0.09	0.70	8	0.09	0.70	0.00	0.00%	1.50%	1.48%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>33.98</b>			<b>34.70</b>	<b>0.72</b>	<b>2.12%</b>	<b>74.08%</b>	<b>72.98%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>34.03</b>			<b>34.75</b>	<b>0.72</b>	<b>2.12%</b>	<b>74.19%</b>	<b>73.08%</b>
Retail Transmission Rate – Network Service Rate	108	0.0066	0.71	108	0.0066	0.71	0.00	0.00%	1.52%	1.49%
Retail Transmission Rate – Line and Transformation Connection	108	0.0046	0.49	108	0.0046	0.49	0.00	0.00%	1.06%	1.04%
<b>Sub-Total: Retail Transmission</b>			<b>1.21</b>			<b>1.21</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.57%</b>	<b>2.53%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>35.19</b>			<b>35.91</b>	<b>0.72</b>	<b>2.05%</b>	<b>76.66%</b>	<b>75.52%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>35.24</b>			<b>35.96</b>	<b>0.72</b>	<b>2.04%</b>	<b>76.76%</b>	<b>75.62%</b>
Wholesale Market Service Rate	108	0.0044	0.47	108	0.0044	0.47	0.00	0.00%	1.01%	1.00%
Rural Rate Protection Charge	108	0.0012	0.13	108	0.0012	0.13	0.00	0.00%	0.28%	0.27%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.53%	0.53%
<b>Sub-Total: Regulatory</b>			<b>0.85</b>			<b>0.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.82%</b>	<b>1.79%</b>
<b>Debt Retirement Charge (DRC)</b>	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	1.49%	1.47%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>45.34</b>			<b>46.06</b>	<b>0.72</b>	<b>1.59%</b>	<b>98.33%</b>	
HST		0.13	5.89		0.13	5.99	0.09	1.59%	12.78%	
<b>Total Bill (including HST)</b>			<b>51.24</b>			<b>52.05</b>	<b>0.81</b>	<b>1.59%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-5.12		-0.10	-5.20	-0.08	1.59%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>46.11</b>			<b>46.84</b>	<b>0.73</b>	<b>1.59%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>46.04</b>			<b>46.76</b>	<b>0.72</b>	<b>1.56%</b>		<b>98.33%</b>
HST		0.13	5.98		0.13	6.08	0.09	1.56%		12.78%
<b>Total Bill (including HST)</b>			<b>52.02</b>			<b>52.83</b>	<b>0.81</b>	<b>1.56%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-5.20		-0.10	-5.28	-0.08	1.56%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>46.82</b>			<b>47.55</b>	<b>0.73</b>	<b>1.56%</b>		<b>100.00%</b>

**2019 Bill Impacts (Typical Consumption Level)**

Rate Class	R1
Monthly Consumption (kWh)	800
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	860.8
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	32.62%	
Energy Second Tier (kWh)	200	0.101	20.20	200	0.101	20.20	0.00	0.00%	12.77%	
<b>Sub-Total: Energy (RPP)</b>			<b>71.80</b>			<b>71.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>45.39%</b>	
TOU-Off Peak	512	0.075	38.40	512	0.075	38.40	0.00	0.00%		24.02%
TOU-Mid Peak	144	0.112	16.13	144	0.112	16.13	0.00	0.00%		10.09%
TOU-On Peak	144	0.135	19.44	144	0.135	19.44	0.00	0.00%		12.16%
<b>Sub-Total: Energy (TOU)</b>			<b>73.97</b>			<b>73.97</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.76%</b>	<b>46.27%</b>
Service Charge	1	28.31	28.31	1	27.91	27.91	-0.40	-1.41%	17.64%	17.46%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0.74	0.74	1	1.77	1.77	1.03	139.19%	1.12%	1.11%
Fixed Deferral/Variance Account Rider	1	0.27	0.27	1	0.26	0.26	-0.01	-3.70%	0.16%	0.16%
Distribution Volumetric Rate	800	0.0315	25.20	800	0.0313	25.04	-0.16	-0.63%	15.83%	15.66%
Volumetric Smoothing Rider	800	0.0008	0.64	800	0.002	1.60	0.96	150.00%	1.01%	1.00%
Volumetric Deferral/Variance Account Rider	800	-0.0001	-0.08	800	-0.0001	-0.08	0.00	0.00%	-0.05%	-0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>55.08</b>			<b>56.50</b>	<b>1.42</b>	<b>2.58%</b>	<b>35.72%</b>	<b>35.34%</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)	61	0.10	6.14	61	0.10	6.14	0.00	0.00%	3.88%	3.84%
Line Losses on Cost of Power (based on TOU prices)	61	0.09	5.62	61	0.09	5.62	0.00	0.00%	3.55%	3.52%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>62.01</b>			<b>63.43</b>	<b>1.42</b>	<b>2.29%</b>	<b>40.10%</b>	<b>39.68%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>61.49</b>			<b>62.91</b>	<b>1.42</b>	<b>2.31%</b>	<b>39.77%</b>	<b>39.35%</b>
Retail Transmission Rate – Network Service Rate	861	0.0066	5.68	861	0.0066	5.68	0.00	0.00%	3.59%	3.55%
Retail Transmission Rate – Line and Transformation Connection S	861	0.0046	3.96	861	0.0046	3.96	0.00	0.00%	2.50%	2.48%
<b>Sub-Total: Retail Transmission</b>			<b>9.64</b>			<b>9.64</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.09%</b>	<b>6.03%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>71.65</b>			<b>73.07</b>	<b>1.42</b>	<b>1.98%</b>	<b>46.19%</b>	<b>45.71%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>71.13</b>			<b>72.55</b>	<b>1.42</b>	<b>2.00%</b>	<b>45.87%</b>	<b>45.38%</b>
Wholesale Market Service Rate	861	0.0044	3.79	861	0.0044	3.79	0.00	0.00%	2.39%	2.37%
Rural Rate Protection Charge	861	0.0012	1.03	861	0.0012	1.03	0.00	0.00%	0.65%	0.65%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.16%	0.16%
<b>Sub-Total: Regulatory</b>			<b>5.07</b>			<b>5.07</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.21%</b>	<b>3.17%</b>
<b>Debt Retirement Charge (DRC)</b>	800	0.007	<b>5.60</b>	800	0.007	<b>5.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.54%</b>	<b>3.50%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>154.12</b>			<b>155.54</b>	<b>1.42</b>	<b>0.92%</b>	<b>98.33%</b>	
HST		0.13	20.04		0.13	20.22	0.18	0.92%	12.78%	
<b>Total Bill (including HST)</b>			<b>174.16</b>			<b>175.76</b>	<b>1.60</b>	<b>0.92%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-17.42		-0.10	-17.58	-0.16	0.92%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>156.74</b>			<b>158.19</b>	<b>1.44</b>	<b>0.92%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>155.77</b>			<b>157.19</b>	<b>1.42</b>	<b>0.91%</b>		<b>98.33%</b>
HST		0.13	20.25		0.13	20.43	0.18	0.91%		12.78%
<b>Total Bill (including HST)</b>			<b>176.02</b>			<b>177.63</b>	<b>1.60</b>	<b>0.91%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-17.60		-0.10	-17.76	-0.16	0.91%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>158.42</b>			<b>159.86</b>	<b>1.44</b>	<b>0.91%</b>		<b>100.00%</b>

**2019 Bill Impacts (High Consumption Level)**

Rate Class	R1
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.076
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	2152
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	14.26%	
Energy Second Tier (kWh)	1,400	0.101	141.40	1,400	0.101	141.40	0.00	0.00%	39.07%	
<b>Sub-Total: Energy (RPP)</b>			<b>193.00</b>			<b>193.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>53.32%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		27.24%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		11.44%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		13.79%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>51.09%</b>	<b>52.47%</b>
Service Charge	1	28.31	28.31	1	27.91	27.91	-0.40	-1.41%	7.71%	7.92%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0.74	0.74	1	1.77	1.77	1.03	139.19%	0.49%	0.50%
Fixed Deferral/Variance Account Rider	1	0.27	0.27	1	0.26	0.26	-0.01	-3.70%	0.07%	0.07%
Distribution Volumetric Rate	2,000	0.0315	63.00	2,000	0.0313	62.60	-0.40	-0.63%	17.30%	17.76%
Volumetric Smoothing Rider	2,000	0.0008	1.60	2,000	0.002	4.00	2.40	150.00%	1.11%	1.14%
Volumetric Deferral/Variance Account Rider	2,000	-0.0001	-0.20	2,000	-0.0001	-0.20	0.00	0.00%	-0.06%	-0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>93.72</b>			<b>96.34</b>	<b>2.62</b>	<b>2.80%</b>	<b>26.62%</b>	<b>27.34%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.22%	0.22%
Line Losses on Cost of Power (based on two-tier RPP prices)	152	0.10	15.35	152	0.10	15.35	0.00	0.00%	4.24%	4.36%
Line Losses on Cost of Power (based on TOU prices)	152	0.09	14.05	152	0.09	14.05	0.00	0.00%	3.88%	3.99%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>109.86</b>			<b>112.48</b>	<b>2.62</b>	<b>2.38%</b>	<b>31.08%</b>	<b>31.92%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>108.56</b>			<b>111.18</b>	<b>2.62</b>	<b>2.41%</b>	<b>30.72%</b>	<b>31.55%</b>
Retail Transmission Rate – Network Service Rate	2,152	0.0066	14.20	2,152	0.0066	14.20	0.00	0.00%	3.92%	4.03%
Retail Transmission Rate – Line and Transformation Connection	2,152	0.0046	9.90	2,152	0.0046	9.90	0.00	0.00%	2.74%	2.81%
<b>Sub-Total: Retail Transmission</b>			<b>24.10</b>			<b>24.10</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.66%</b>	<b>6.84%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>133.96</b>			<b>136.58</b>	<b>2.62</b>	<b>1.96%</b>	<b>37.74%</b>	<b>38.76%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>132.67</b>			<b>135.29</b>	<b>2.62</b>	<b>1.97%</b>	<b>37.38%</b>	<b>38.39%</b>
Wholesale Market Service Rate	2,152	0.0044	9.47	2,152	0.0044	9.47	0.00	0.00%	2.62%	2.69%
Rural Rate Protection Charge	2,152	0.0012	2.58	2,152	0.0012	2.58	0.00	0.00%	0.71%	0.73%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.07%	0.07%
<b>Sub-Total: Regulatory</b>			<b>12.30</b>			<b>12.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.40%</b>	<b>3.49%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	3.87%	3.97%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>353.27</b>			<b>355.89</b>	<b>2.62</b>	<b>0.74%</b>	<b>98.33%</b>	
HST		0.13	45.92		0.13	46.27	0.34	0.74%	12.78%	
<b>Total Bill (including HST)</b>			<b>399.19</b>			<b>402.15</b>	<b>2.96</b>	<b>0.74%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-39.92		-0.10	-40.22	-0.30	0.74%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>359.27</b>			<b>361.94</b>	<b>2.66</b>	<b>0.74%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>343.89</b>			<b>346.51</b>	<b>2.62</b>	<b>0.76%</b>		<b>98.33%</b>
HST		0.13	44.71		0.13	45.05	0.34	0.76%		12.78%
<b>Total Bill (including HST)</b>			<b>388.59</b>			<b>391.55</b>	<b>2.96</b>	<b>0.76%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-38.86		-0.10	-39.16	-0.30	0.76%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>349.73</b>			<b>352.40</b>	<b>2.66</b>	<b>0.76%</b>		<b>100.00%</b>

**2019 Bill Impacts (Low Consumption Level)**

Rate Class	R2
Monthly Consumption (kWh)	100
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	110.5
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	11.35%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>11.35%</b>	
TOU-Off Peak	64	0.075	4.80	64	0.075	4.80	0.00	0.00%		6.28%
TOU-Mid Peak	18	0.112	2.02	18	0.112	2.02	0.00	0.00%		2.64%
TOU-On Peak	18	0.135	2.43	18	0.135	2.43	0.00	0.00%		3.18%
<b>Sub-Total: Energy (TOU)</b>			<b>9.25</b>			<b>9.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>12.21%</b>	<b>12.09%</b>
Service Charge	1	47.42	47.42	1	49.71	49.71	2.29	4.83%	65.63%	65.01%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	2.05	2.05	1	5.09	5.09	3.04	148.29%	6.72%	6.66%
Fixed Deferral/Variance Account Rider	1	0.59	0.59	1	0.59	0.59	0.00	0.00%	0.78%	0.77%
Distribution Volumetric Rate	100	0.054	5.40	100	0.0564	5.64	0.24	4.44%	7.45%	7.38%
Volumetric Smoothing Rider	100	0.0014	0.14	100	0.0036	0.36	0.22	157.14%	0.48%	0.47%
Volumetric Deferral/Variance Account Rider	100	0.0001	0.01	100	0.0001	0.01	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>55.61</b>			<b>61.40</b>	<b>5.79</b>	<b>10.41%</b>	<b>81.06%</b>	<b>80.29%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.04%	1.03%
Line Losses on Cost of Power (based on two-tier RPP prices)	11	0.09	0.90	11	0.09	0.90	0.00	0.00%	1.19%	1.18%
Line Losses on Cost of Power (based on TOU prices)	11	0.09	0.97	11	0.09	0.97	0.00	0.00%	1.28%	1.27%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>57.30</b>			<b>63.09</b>	<b>5.79</b>	<b>10.10%</b>	<b>83.30%</b>	<b>82.51%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>57.37</b>			<b>63.16</b>	<b>5.79</b>	<b>10.09%</b>	<b>83.39%</b>	<b>82.60%</b>
Retail Transmission Rate – Network Service Rate	111	0.0065	0.72	111	0.0065	0.72	0.00	0.00%	0.95%	0.94%
Retail Transmission Rate – Line and Transformation Connection	111	0.0045	0.50	111	0.0045	0.50	0.00	0.00%	0.66%	0.65%
<b>Sub-Total: Retail Transmission</b>			<b>1.22</b>			<b>1.22</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.60%</b>	<b>1.59%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>58.52</b>			<b>64.31</b>	<b>5.79</b>	<b>9.89%</b>	<b>84.90%</b>	<b>84.10%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>58.59</b>			<b>64.38</b>	<b>5.79</b>	<b>9.88%</b>	<b>84.99%</b>	<b>84.19%</b>
Wholesale Market Service Rate	111	0.0044	0.49	111	0.0044	0.49	0.00	0.00%	0.64%	0.64%
Rural Rate Protection Charge	111	0.0012	0.13	111	0.0012	0.13	0.00	0.00%	0.18%	0.17%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.33%	0.33%
<b>Sub-Total: Regulatory</b>			<b>0.87</b>			<b>0.87</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.15%</b>	<b>1.14%</b>
<b>Debt Retirement Charge (DRC)</b>	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	0.92%	0.92%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>68.69</b>			<b>74.48</b>	<b>5.79</b>	<b>8.43%</b>	<b>98.33%</b>	
HST		0.13	8.93		0.13	9.68	0.75	8.43%	12.78%	
<b>Total Bill (including HST)</b>			<b>77.62</b>			<b>84.16</b>	<b>6.54</b>	<b>8.43%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-7.76		-0.10	-8.42	-0.65	8.43%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>69.85</b>			<b>75.74</b>	<b>5.89</b>	<b>8.43%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>69.40</b>			<b>75.19</b>	<b>5.79</b>	<b>8.34%</b>		<b>98.33%</b>
HST		0.13	9.02		0.13	9.77	0.75	8.34%		12.78%
<b>Total Bill (including HST)</b>			<b>78.42</b>			<b>84.97</b>	<b>6.54</b>	<b>8.34%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-7.84		-0.10	-8.50	-0.65	8.34%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>70.58</b>			<b>76.47</b>	<b>5.89</b>	<b>8.34%</b>		<b>100.00%</b>

**2019 Bill Impacts (Typical Consumption Level)**

Rate Class	R2
Monthly Consumption (kWh)	800
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	884
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	24.74%	
Energy Second Tier (kWh)	200	0.101	20.20	200	0.101	20.20	0.00	0.00%	9.69%	
<b>Sub-Total: Energy (RPP)</b>			<b>71.80</b>			<b>71.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>34.43%</b>	
TOU-Off Peak	512	0.075	38.40	512	0.075	38.40	0.00	0.00%		18.28%
TOU-Mid Peak	144	0.112	16.13	144	0.112	16.13	0.00	0.00%		7.68%
TOU-On Peak	144	0.135	19.44	144	0.135	19.44	0.00	0.00%		9.26%
<b>Sub-Total: Energy (TOU)</b>			<b>73.97</b>			<b>73.97</b>	<b>0.00</b>	<b>0.00%</b>	<b>35.47%</b>	<b>35.22%</b>
Service Charge	1	47.42	47.42	1	49.71	49.71	2.29	4.83%	23.84%	23.67%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	2.05	2.05	1	5.09	5.09	3.04	148.29%	2.44%	2.42%
Fixed Deferral/Variance Account Rider	1	0.59	0.59	1	0.59	0.59	0.00	0.00%	0.28%	0.28%
Distribution Volumetric Rate	800	0.054	43.20	800	0.0564	45.12	1.92	4.44%	21.63%	21.48%
Volumetric Smoothing Rider	800	0.0014	1.12	800	0.0036	2.88	1.76	157.14%	1.38%	1.37%
Volumetric Deferral/Variance Account Rider	800	0.0001	0.08	800	0.0001	0.08	0.00	0.00%	0.04%	0.04%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>94.46</b>			<b>103.47</b>	<b>9.01</b>	<b>9.54%</b>	<b>49.61%</b>	<b>49.26%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.38%	0.38%
Line Losses on Cost of Power (based on two-tier RPP prices)	84	0.10	8.48	84	0.10	8.48	0.00	0.00%	4.07%	4.04%
Line Losses on Cost of Power (based on TOU prices)	84	0.09	7.77	84	0.09	7.77	0.00	0.00%	3.72%	3.70%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>103.73</b>			<b>112.74</b>	<b>9.01</b>	<b>8.69%</b>	<b>54.06%</b>	<b>53.68%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>103.02</b>			<b>112.03</b>	<b>9.01</b>	<b>8.75%</b>	<b>53.72%</b>	<b>53.34%</b>
Retail Transmission Rate – Network Service Rate	884	0.0065	5.75	884	0.0065	5.75	0.00	0.00%	2.76%	2.74%
Retail Transmission Rate – Line and Transformation Connection S	884	0.0045	3.98	884	0.0045	3.98	0.00	0.00%	1.91%	1.89%
<b>Sub-Total: Retail Transmission</b>			<b>9.72</b>			<b>9.72</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.66%</b>	<b>4.63%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>113.46</b>			<b>122.47</b>	<b>9.01</b>	<b>7.94%</b>	<b>58.72%</b>	<b>58.31%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>112.74</b>			<b>121.75</b>	<b>9.01</b>	<b>7.99%</b>	<b>58.38%</b>	<b>57.97%</b>
Wholesale Market Service Rate	884	0.0044	3.89	884	0.0044	3.89	0.00	0.00%	1.87%	1.85%
Rural Rate Protection Charge	884	0.0012	1.06	884	0.0012	1.06	0.00	0.00%	0.51%	0.51%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.12%	0.12%
<b>Sub-Total: Regulatory</b>			<b>5.20</b>			<b>5.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.49%</b>	<b>2.48%</b>
Debt Retirement Charge (DRC)	800	0.007	5.60	800	0.007	5.60	0.00	0.00%	2.69%	2.67%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>196.06</b>			<b>205.07</b>	<b>9.01</b>	<b>4.60%</b>	<b>98.33%</b>	
HST		0.13	25.49		0.13	26.66	1.17	4.60%	12.78%	
<b>Total Bill (including HST)</b>			<b>221.55</b>			<b>231.73</b>	<b>10.18</b>	<b>4.60%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-22.15		-0.10	-23.17	-1.02	4.60%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>199.39</b>			<b>208.55</b>	<b>9.16</b>	<b>4.60%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>197.51</b>			<b>206.52</b>	<b>9.01</b>	<b>4.56%</b>		<b>98.33%</b>
HST		0.13	25.68		0.13	26.85	1.17	4.56%		12.78%
<b>Total Bill (including HST)</b>			<b>223.19</b>			<b>233.37</b>	<b>10.18</b>	<b>4.56%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-22.32		-0.10	-23.34	-1.02	4.56%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>200.87</b>			<b>210.03</b>	<b>9.16</b>	<b>4.56%</b>		<b>100.00%</b>

**2019 Bill Impacts (High Consumption Level)**

Rate Class	R2
Monthly Consumption (kWh)	2000
Peak (kW)	0
Loss factor	1.105
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	2210
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	11.49%	
Energy Second Tier (kWh)	1,400	0.101	141.40	1,400	0.101	141.40	0.00	0.00%	31.49%	
<b>Sub-Total: Energy (RPP)</b>			<b>193.00</b>			<b>193.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>42.98%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		21.87%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		9.18%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		11.07%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>41.18%</b>	<b>42.12%</b>
Service Charge	1	47.42	47.42	1	49.71	49.71	2.29	4.83%	11.07%	11.32%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	2.05	2.05	1	5.09	5.09	3.04	148.29%	1.13%	1.16%
Fixed Deferral/Variance Account Rider	1	0.59	0.59	1	0.59	0.59	0.00	0.00%	0.13%	0.13%
Distribution Volumetric Rate	2,000	0.054	108.00	2,000	0.0564	112.80	4.80	4.44%	25.12%	25.70%
Volumetric Smoothing Rider	2,000	0.0014	2.80	2,000	0.0036	7.20	4.40	157.14%	1.60%	1.64%
Volumetric Deferral/Variance Account Rider	2,000	0.0001	0.20	2,000	0.0001	0.20	0.00	0.00%	0.04%	0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>161.06</b>			<b>175.59</b>	<b>14.53</b>	<b>9.02%</b>	<b>39.10%</b>	<b>40.00%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.18%	0.18%
Line Losses on Cost of Power (based on two-tier RPP prices)	210	0.10	21.21	210	0.10	21.21	0.00	0.00%	4.72%	4.83%
Line Losses on Cost of Power (based on TOU prices)	210	0.09	19.42	210	0.09	19.42	0.00	0.00%	4.32%	4.42%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>183.06</b>			<b>197.59</b>	<b>14.53</b>	<b>7.94%</b>	<b>44.00%</b>	<b>45.01%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>181.27</b>			<b>195.80</b>	<b>14.53</b>	<b>8.02%</b>	<b>43.60%</b>	<b>44.60%</b>
Retail Transmission Rate – Network Service Rate	2,210	0.0065	14.37	2,210	0.0065	14.37	0.00	0.00%	3.20%	3.27%
Retail Transmission Rate – Line and Transformation Connection	2,210	0.0045	9.95	2,210	0.0045	9.95	0.00	0.00%	2.21%	2.27%
<b>Sub-Total: Retail Transmission</b>			<b>24.31</b>			<b>24.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.41%</b>	<b>5.54%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>207.37</b>			<b>221.90</b>	<b>14.53</b>	<b>7.01%</b>	<b>49.42%</b>	<b>50.55%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>205.58</b>			<b>220.11</b>	<b>14.53</b>	<b>7.07%</b>	<b>49.02%</b>	<b>50.14%</b>
Wholesale Market Service Rate	2,210	0.0044	9.72	2,210	0.0044	9.72	0.00	0.00%	2.17%	2.22%
Rural Rate Protection Charge	2,210	0.0012	2.65	2,210	0.0012	2.65	0.00	0.00%	0.59%	0.60%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%	0.06%
<b>Sub-Total: Regulatory</b>			<b>12.63</b>			<b>12.63</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.81%</b>	<b>2.88%</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>3.12%</b>	<b>3.19%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>427.00</b>			<b>441.53</b>	<b>14.53</b>	<b>3.40%</b>	<b>98.33%</b>	
HST		0.13	55.51		0.13	57.40	1.89	3.40%	12.78%	
<b>Total Bill (including HST)</b>			<b>482.51</b>			<b>498.92</b>	<b>16.42</b>	<b>3.40%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-48.25		-0.10	-49.89	-1.64	3.40%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>434.25</b>			<b>449.03</b>	<b>14.78</b>	<b>3.40%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>417.12</b>			<b>431.65</b>	<b>14.53</b>	<b>3.48%</b>		<b>98.33%</b>
HST		0.13	54.23		0.13	56.11	1.89	3.48%		12.78%
<b>Total Bill (including HST)</b>			<b>471.35</b>			<b>487.77</b>	<b>16.42</b>	<b>3.48%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-47.13		-0.10	-48.78	-1.64	3.48%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>424.21</b>			<b>438.99</b>	<b>14.78</b>	<b>3.48%</b>		<b>100.00%</b>

**2019 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	50	0.086	4.30	50	0.086	4.30	0.00	0.00%	9.16%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>4.30</b>			<b>4.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>9.16%</b>	
TOU-Off Peak	32	0.075	2.40	32	0.075	2.40	0.00	0.00%		5.07%
TOU-Mid Peak	9	0.112	1.01	9	0.112	1.01	0.00	0.00%		2.13%
TOU-On Peak	9	0.135	1.22	9	0.135	1.22	0.00	0.00%		2.57%
<b>Sub-Total: Energy (TOU)</b>			<b>4.62</b>			<b>4.62</b>	<b>0.00</b>	<b>0.00%</b>	<b>9.84%</b>	<b>9.77%</b>
Service Charge	1	30.29	30.29	1	31.14	31.14	0.85	2.81%	66.30%	65.79%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0.8	0.80	1	1.98	1.98	1.18	147.50%	4.22%	4.18%
Fixed Deferral/Variance Account Rider	1	0.28	0.28	1	0.28	0.28	0.00	0.00%	0.60%	0.59%
Distribution Volumetric Rate	50	0.1047	5.24	50	0.1088	5.44	0.20	3.92%	11.58%	11.49%
Volumetric Smoothing Rider	50	0.0027	0.14	50	0.0069	0.35	0.21	155.56%	0.73%	0.73%
Volumetric Deferral/Variance Account Rider	50	0.0004	0.02	50	0.0004	0.02	0.00	0.00%	0.04%	0.04%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>36.76</b>			<b>39.21</b>	<b>2.44</b>	<b>6.65%</b>	<b>83.47%</b>	<b>82.84%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	1.68%	1.67%
Line Losses on Cost of Power (based on two-tier RPP prices)	5	0.09	0.45	5	0.09	0.45	0.00	0.00%	0.95%	0.94%
Line Losses on Cost of Power (based on TOU prices)	5	0.09	0.48	5	0.09	0.48	0.00	0.00%	1.02%	1.02%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>38.00</b>			<b>40.44</b>	<b>2.44</b>	<b>6.43%</b>	<b>86.11%</b>	<b>85.45%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>38.03</b>			<b>40.48</b>	<b>2.44</b>	<b>6.43%</b>	<b>86.18%</b>	<b>85.52%</b>
Retail Transmission Rate – Network Service Rate	55	0.0053	0.29	55	0.0053	0.29	0.00	0.00%	0.62%	0.62%
Retail Transmission Rate – Line and Transformation Connection	55	0.0043	0.24	55	0.0043	0.24	0.00	0.00%	0.51%	0.50%
<b>Sub-Total: Retail Transmission</b>			<b>0.53</b>			<b>0.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.13%</b>	<b>1.12%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>38.53</b>			<b>40.97</b>	<b>2.44</b>	<b>6.35%</b>	<b>87.24%</b>	<b>86.57%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>38.56</b>			<b>41.01</b>	<b>2.44</b>	<b>6.34%</b>	<b>87.31%</b>	<b>86.64%</b>
Wholesale Market Service Rate	55	0.0044	0.24	55	0.0044	0.24	0.00	0.00%	0.52%	0.51%
Rural Rate Protection Charge	55	0.0012	0.07	55	0.0012	0.07	0.00	0.00%	0.14%	0.14%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.53%	0.53%
<b>Sub-Total: Regulatory</b>			<b>0.56</b>			<b>0.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.19%</b>	<b>1.18%</b>
<b>Debt Retirement Charge (DRC)</b>	50	0.007	0.35	50	0.007	0.35	0.00	0.00%	0.75%	0.74%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>43.74</b>			<b>46.18</b>	<b>2.44</b>	<b>5.59%</b>	<b>98.33%</b>	
HST		0.13	5.69		0.13	6.00	0.32	5.59%	12.78%	
<b>Total Bill (including HST)</b>			<b>49.42</b>			<b>52.18</b>	<b>2.76</b>	<b>5.59%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-4.94		-0.10	-5.22	-0.28	5.59%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>44.48</b>			<b>46.97</b>	<b>2.49</b>	<b>5.59%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>44.09</b>			<b>46.54</b>	<b>2.44</b>	<b>5.55%</b>		<b>98.33%</b>
HST		0.13	5.73		0.13	6.05	0.32	5.55%		12.78%
<b>Total Bill (including HST)</b>			<b>49.82</b>			<b>52.59</b>	<b>2.76</b>	<b>5.55%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-4.98		-0.10	-5.26	-0.28	5.55%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>44.84</b>			<b>47.33</b>	<b>2.49</b>	<b>5.55%</b>		<b>100.00%</b>



**2019 Bill Impacts (Typical Consumption Level)**

Rate Class	Seasonal
Monthly Consumption (kWh)	400
Peak (kW)	0
Loss factor	1.104
Commodity Threshold	600
Monthly Consumption (kWh) - Uplifted	441.6
Charge determinant	kWh

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	400	0.086	34.40	400	0.086	34.40	0.00	0.00%	26.35%	
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>34.40</b>			<b>34.40</b>	<b>0.00</b>	<b>0.00%</b>	<b>26.35%</b>	
TOU-Off Peak	256	0.075	19.20	256	0.075	19.20	0.00	0.00%		14.39%
TOU-Mid Peak	72	0.112	8.06	72	0.112	8.06	0.00	0.00%		6.04%
TOU-On Peak	72	0.135	9.72	72	0.135	9.72	0.00	0.00%		7.28%
<b>Sub-Total: Energy (TOU)</b>			<b>36.98</b>			<b>36.98</b>	<b>0.00</b>	<b>0.00%</b>	<b>28.33%</b>	<b>27.71%</b>
Service Charge	1	30.29	30.29	1	31.14	31.14	0.85	2.81%	23.85%	23.33%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0.8	0.80	1	1.98	1.98	1.18	147.50%	1.52%	1.48%
Fixed Deferral/Variance Account Rider	1	0.28	0.28	1	0.28	0.28	0.00	0.00%	0.21%	0.21%
Distribution Volumetric Rate	400	0.1047	41.88	400	0.1088	43.52	1.64	3.92%	33.34%	32.61%
Volumetric Smoothing Rider	400	0.0027	1.08	400	0.0069	2.76	1.68	155.56%	2.11%	2.07%
Volumetric Deferral/Variance Account Rider	400	0.0004	0.16	400	0.0004	0.16	0.00	0.00%	0.12%	0.12%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>74.49</b>			<b>79.84</b>	<b>5.35</b>	<b>7.18%</b>	<b>61.16%</b>	<b>59.83%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.61%	0.59%
Line Losses on Cost of Power (based on two-tier RPP prices)	42	0.09	3.58	42	0.09	3.58	0.00	0.00%	2.74%	2.68%
Line Losses on Cost of Power (based on TOU prices)	42	0.09	3.85	42	0.09	3.85	0.00	0.00%	2.95%	2.88%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>78.86</b>			<b>84.21</b>	<b>5.35</b>	<b>6.78%</b>	<b>64.50%</b>	<b>63.10%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>79.13</b>			<b>84.48</b>	<b>5.35</b>	<b>6.76%</b>	<b>64.71%</b>	<b>63.30%</b>
Retail Transmission Rate – Network Service Rate	442	0.0053	2.34	442	0.0053	2.34	0.00	0.00%	1.79%	1.75%
Retail Transmission Rate – Line and Transformation Connection	442	0.0043	1.90	442	0.0043	1.90	0.00	0.00%	1.45%	1.42%
<b>Sub-Total: Retail Transmission</b>			<b>4.24</b>			<b>4.24</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.25%</b>	<b>3.18%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>83.10</b>			<b>88.45</b>	<b>5.35</b>	<b>6.44%</b>	<b>67.75%</b>	<b>66.28%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>83.37</b>			<b>88.72</b>	<b>5.35</b>	<b>6.42%</b>	<b>67.95%</b>	<b>66.48%</b>
Wholesale Market Service Rate	442	0.0044	1.94	442	0.0044	1.94	0.00	0.00%	1.49%	1.46%
Rural Rate Protection Charge	442	0.0012	0.53	442	0.0012	0.53	0.00	0.00%	0.41%	0.40%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.19%	0.19%
<b>Sub-Total: Regulatory</b>			<b>2.72</b>			<b>2.72</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.09%</b>	<b>2.04%</b>
<b>Debt Retirement Charge (DRC)</b>	400	0.007	<b>2.80</b>	400	0.007	<b>2.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.14%</b>	<b>2.10%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>123.02</b>			<b>128.37</b>	<b>5.35</b>	<b>4.35%</b>	<b>98.33%</b>	
HST		0.13	15.99		0.13	16.69	0.70	4.35%	12.78%	
<b>Total Bill (including HST)</b>			<b>139.01</b>			<b>145.06</b>	<b>6.05</b>	<b>4.35%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-13.90		-0.10	-14.51	-0.60	4.35%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>125.11</b>			<b>130.55</b>	<b>5.44</b>	<b>4.35%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>125.87</b>			<b>131.22</b>	<b>5.35</b>	<b>4.25%</b>		<b>98.33%</b>
HST		0.13	16.36		0.13	17.06	0.70	4.25%		12.78%
<b>Total Bill (including HST)</b>			<b>142.24</b>			<b>148.28</b>	<b>6.05</b>	<b>4.25%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-14.22		-0.10	-14.83	-0.60	4.25%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>128.01</b>			<b>133.45</b>	<b>5.44</b>	<b>4.25%</b>		<b>100.00%</b>



**2019 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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	600	0.086	51.60	600	0.086	51.60	0.00	0.00%	18.33%	
Energy Second Tier (kWh)	400	0.101	40.40	400	0.101	40.40	0.00	0.00%	14.35%	
<b>Sub-Total: Energy (RPP)</b>			<b>92.00</b>			<b>92.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>32.68%</b>	
TOU-Off Peak	640	0.075	48.00	640	0.075	48.00	0.00	0.00%		17.08%
TOU-Mid Peak	180	0.112	20.16	180	0.112	20.16	0.00	0.00%		7.17%
TOU-On Peak	180	0.135	24.30	180	0.135	24.30	0.00	0.00%		8.64%
<b>Sub-Total: Energy (TOU)</b>			<b>92.46</b>			<b>92.46</b>	<b>0.00</b>	<b>0.00%</b>	<b>32.84%</b>	<b>32.89%</b>
Service Charge	1	30.29	30.29	1	31.14	31.14	0.85	2.81%	11.06%	11.08%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0.8	0.80	1	1.98	1.98	1.18	147.50%	0.70%	0.70%
Fixed Deferral/Variance Account Rider	1	0.28	0.28	1	0.28	0.28	0.00	0.00%	0.10%	0.10%
Distribution Volumetric Rate	1,000	0.1047	104.70	1,000	0.1088	108.80	4.10	3.92%	38.65%	38.71%
Volumetric Smoothing Rider	1,000	0.0027	2.70	1,000	0.0069	6.90	4.20	155.56%	2.45%	2.45%
Volumetric Deferral/Variance Account Rider	1,000	0.0004	0.40	1,000	0.0004	0.40	0.00	0.00%	0.14%	0.14%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>139.17</b>			<b>149.50</b>	<b>10.33</b>	<b>7.42%</b>	<b>53.10%</b>	<b>53.18%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.28%	0.28%
Line Losses on Cost of Power (based on two-tier RPP prices)	104	0.10	10.50	104	0.10	10.50	0.00	0.00%	3.73%	3.74%
Line Losses on Cost of Power (based on TOU prices)	104	0.09	9.62	104	0.09	9.62	0.00	0.00%	3.42%	3.42%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>150.46</b>			<b>160.79</b>	<b>10.33</b>	<b>6.87%</b>	<b>57.11%</b>	<b>57.20%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>149.58</b>			<b>159.91</b>	<b>10.33</b>	<b>6.91%</b>	<b>56.80%</b>	<b>56.89%</b>
Retail Transmission Rate – Network Service Rate	1,104	0.0053	5.85	1,104	0.0053	5.85	0.00	0.00%	2.08%	2.08%
Retail Transmission Rate – Line and Transformation Connection S	1,104	0.0043	4.75	1,104	0.0043	4.75	0.00	0.00%	1.69%	1.69%
<b>Sub-Total: Retail Transmission</b>			<b>10.60</b>			<b>10.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.76%</b>	<b>3.77%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>161.06</b>			<b>171.39</b>	<b>10.33</b>	<b>6.41%</b>	<b>60.88%</b>	<b>60.97%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>160.17</b>			<b>170.50</b>	<b>10.33</b>	<b>6.45%</b>	<b>60.56%</b>	<b>60.66%</b>
Wholesale Market Service Rate	1,104	0.0044	4.86	1,104	0.0044	4.86	0.00	0.00%	1.73%	1.73%
Rural Rate Protection Charge	1,104	0.0012	1.32	1,104	0.0012	1.32	0.00	0.00%	0.47%	0.47%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.09%	0.09%
<b>Sub-Total: Regulatory</b>			<b>6.43</b>			<b>6.43</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.28%</b>	<b>2.29%</b>
Debt Retirement Charge (DRC)	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	2.49%	2.49%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>266.49</b>			<b>276.82</b>	<b>10.33</b>	<b>3.88%</b>	<b>98.33%</b>	
HST		0.13	34.64		0.13	35.99	1.34	3.88%	12.78%	
<b>Total Bill (including HST)</b>			<b>301.14</b>			<b>312.81</b>	<b>11.67</b>	<b>3.88%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-30.11		-0.10	-31.28	-1.17	3.88%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>271.03</b>			<b>281.53</b>	<b>10.51</b>	<b>3.88%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>266.07</b>			<b>276.40</b>	<b>10.33</b>	<b>3.88%</b>		<b>98.33%</b>
HST		0.13	34.59		0.13	35.93	1.34	3.88%		12.78%
<b>Total Bill (including HST)</b>			<b>300.66</b>			<b>312.33</b>	<b>11.67</b>	<b>3.88%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-30.07		-0.10	-31.23	-1.17	3.88%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>270.59</b>			<b>281.10</b>	<b>10.51</b>	<b>3.88%</b>		<b>100.00%</b>

**2019 Bill Impacts (Low Consumption Level)**

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

	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	27.91%	
Energy Second Tier (kWh)	250	0.101	25.25	250	0.101	25.25	0.00	0.00%	10.93%	
<b>Sub-Total: Energy (RPP)</b>			<b>89.75</b>			<b>89.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>38.83%</b>	
TOU-Off Peak	640	0.075	48.00	640	0.075	48.00	0.00	0.00%		20.60%
TOU-Mid Peak	180	0.112	20.16	180	0.112	20.16	0.00	0.00%		8.65%
TOU-On Peak	180	0.135	24.30	180	0.135	24.30	0.00	0.00%		10.43%
<b>Sub-Total: Energy (TOU)</b>			<b>92.46</b>			<b>92.46</b>	<b>0.00</b>	<b>0.00%</b>	<b>40.01%</b>	<b>39.68%</b>
Service Charge	1	33.67	33.67	1	34.17	34.17	0.50	1.49%	14.78%	14.66%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0.88	0.88	1	2.17	2.17	1.29	146.59%	0.94%	0.93%
Fixed Deferral/Variance Account Rider	1	0.3	0.30	1	0.29	0.29	-0.01	-3.33%	0.13%	0.12%
Distribution Volumetric Rate	1,000	0.0607	60.70	1,000	0.0626	62.60	1.90	3.13%	27.09%	26.86%
Volumetric Smoothing Rider	1,000	0.0016	1.60	1,000	0.004	4.00	2.40	150.00%	1.73%	1.72%
Volumetric Deferral/Variance Account Rider	1,000	0.0001	0.10	1,000	0.0001	0.10	0.00	0.00%	0.04%	0.04%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>97.25</b>			<b>103.33</b>	<b>6.08</b>	<b>6.25%</b>	<b>44.71%</b>	<b>44.34%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.34%	0.34%
Line Losses on Cost of Power (based on two-tier RPP prices)	96	0.10	9.70	96	0.10	9.70	0.00	0.00%	4.20%	4.16%
Line Losses on Cost of Power (based on TOU prices)	96	0.09	8.88	96	0.09	8.88	0.00	0.00%	3.84%	3.81%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>107.74</b>			<b>113.82</b>	<b>6.08</b>	<b>5.64%</b>	<b>49.25%</b>	<b>48.84%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>106.92</b>			<b>113.00</b>	<b>6.08</b>	<b>5.69%</b>	<b>48.89%</b>	<b>48.49%</b>
Retail Transmission Rate – Network Service Rate	1,096	0.0058	6.36	1,096	0.0058	6.36	0.00	0.00%	2.75%	2.73%
Retail Transmission Rate – Line and Transformation Connection S	1,096	0.0036	3.95	1,096	0.0036	3.95	0.00	0.00%	1.71%	1.69%
<b>Sub-Total: Retail Transmission</b>			<b>10.30</b>			<b>10.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.46%</b>	<b>4.42%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>118.04</b>			<b>124.12</b>	<b>6.08</b>	<b>5.15%</b>	<b>53.70%</b>	<b>53.26%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>117.22</b>			<b>123.30</b>	<b>6.08</b>	<b>5.19%</b>	<b>53.35%</b>	<b>52.91%</b>
Wholesale Market Service Rate	1,096	0.0044	4.82	1,096	0.0044	4.82	0.00	0.00%	2.09%	2.07%
Rural Rate Protection Charge	1,096	0.0012	1.32	1,096	0.0012	1.32	0.00	0.00%	0.57%	0.56%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.11%	0.11%
<b>Sub-Total: Regulatory</b>			<b>6.39</b>			<b>6.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.76%</b>	<b>2.74%</b>
Debt Retirement Charge (DRC)	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	3.03%	3.00%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>221.18</b>			<b>227.26</b>	<b>6.08</b>	<b>2.75%</b>	<b>98.33%</b>	
HST		0.13	28.75		0.13	29.54	0.79	2.75%	12.78%	
<b>Total Bill (including HST)</b>			<b>249.93</b>			<b>256.80</b>	<b>6.87</b>	<b>2.75%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-24.99		-0.10	-25.68	-0.69	2.75%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>224.94</b>			<b>231.12</b>	<b>6.18</b>	<b>2.75%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>223.07</b>			<b>229.15</b>	<b>6.08</b>	<b>2.73%</b>		<b>98.33%</b>
HST		0.13	29.00		0.13	29.79	0.79	2.73%		12.78%
<b>Total Bill (including HST)</b>			<b>252.06</b>			<b>258.94</b>	<b>6.87</b>	<b>2.73%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-25.21		-0.10	-25.89	-0.69	2.73%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>226.86</b>			<b>233.04</b>	<b>6.18</b>	<b>2.73%</b>		<b>100.00%</b>

**2019 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	14.81%	
Energy Second Tier (kWh)	1,250	0.101	126.25	1,250	0.101	126.25	0.00	0.00%	29.00%	
<b>Sub-Total: Energy (RPP)</b>			<b>190.75</b>			<b>190.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.81%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		22.44%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		9.43%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		11.36%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>42.47%</b>	<b>43.23%</b>
Service Charge	1	33.67	33.67	1	34.17	34.17	0.50	1.49%	7.85%	7.99%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0.88	0.88	1	2.17	2.17	1.29	146.59%	0.50%	0.51%
Fixed Deferral/Variance Account Rider	1	0.3	0.30	1	0.29	0.29	-0.01	-3.33%	0.07%	0.07%
Distribution Volumetric Rate	2,000	0.0607	121.40	2,000	0.0626	125.20	3.80	3.13%	28.76%	29.27%
Volumetric Smoothing Rider	2,000	0.0016	3.20	2,000	0.004	8.00	4.80	150.00%	1.84%	1.87%
Volumetric Deferral/Variance Account Rider	2,000	0.0001	0.20	2,000	0.0001	0.20	0.00	0.00%	0.05%	0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>159.65</b>			<b>170.03</b>	<b>10.38</b>	<b>6.50%</b>	<b>39.05%</b>	<b>39.75%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.18%	0.18%
Line Losses on Cost of Power (based on two-tier RPP prices)	192	0.10	19.39	192	0.10	19.39	0.00	0.00%	4.45%	4.53%
Line Losses on Cost of Power (based on TOU prices)	192	0.09	17.75	192	0.09	17.75	0.00	0.00%	4.08%	4.15%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>179.83</b>			<b>190.21</b>	<b>10.38</b>	<b>5.77%</b>	<b>43.69%</b>	<b>44.47%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>178.19</b>			<b>188.57</b>	<b>10.38</b>	<b>5.83%</b>	<b>43.31%</b>	<b>44.08%</b>
Retail Transmission Rate – Network Service Rate	2,192	0.0058	12.71	2,192	0.0058	12.71	0.00	0.00%	2.92%	2.97%
Retail Transmission Rate – Line and Transformation Connection S	2,192	0.0036	7.89	2,192	0.0036	7.89	0.00	0.00%	1.81%	1.84%
<b>Sub-Total: Retail Transmission</b>			<b>20.60</b>			<b>20.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.73%</b>	<b>4.82%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>200.44</b>			<b>210.82</b>	<b>10.38</b>	<b>5.18%</b>	<b>48.42%</b>	<b>49.28%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>198.80</b>			<b>209.18</b>	<b>10.38</b>	<b>5.22%</b>	<b>48.05%</b>	<b>48.90%</b>
Wholesale Market Service Rate	2,192	0.0044	9.64	2,192	0.0044	9.64	0.00	0.00%	2.22%	2.25%
Rural Rate Protection Charge	2,192	0.0012	2.63	2,192	0.0012	2.63	0.00	0.00%	0.60%	0.61%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.06%	0.06%
<b>Sub-Total: Regulatory</b>			<b>12.53</b>			<b>12.53</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.88%</b>	<b>2.93%</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>3.22%</b>	<b>3.27%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>417.71</b>			<b>428.09</b>	<b>10.38</b>	<b>2.48%</b>	<b>98.33%</b>	
HST		0.13	54.30		0.13	55.65	1.35	2.48%	12.78%	
<b>Total Bill (including HST)</b>			<b>472.01</b>			<b>483.74</b>	<b>11.73</b>	<b>2.48%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-47.20		-0.10	-48.37	-1.17	2.48%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>424.81</b>			<b>435.37</b>	<b>10.56</b>	<b>2.48%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>410.24</b>			<b>420.62</b>	<b>10.38</b>	<b>2.53%</b>		<b>98.33%</b>
HST		0.13	53.33		0.13	54.68	1.35	2.53%		12.78%
<b>Total Bill (including HST)</b>			<b>463.57</b>			<b>475.30</b>	<b>11.73</b>	<b>2.53%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-46.36		-0.10	-47.53	-1.17	2.53%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>417.22</b>			<b>427.77</b>	<b>10.56</b>	<b>2.53%</b>		<b>100.00%</b>

**2019 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	1.92%	
Energy Second Tier (kWh)	14,250	0.101	1,439.25	14,250	0.101	1,439.25	0.00	0.00%	42.80%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,503.75</b>			<b>1,503.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>44.72%</b>	
TOU-Off Peak	9,600	0.075	720.00	9,600	0.075	720.00	0.00	0.00%		22.37%
TOU-Mid Peak	2,700	0.112	302.40	2,700	0.112	302.40	0.00	0.00%		9.39%
TOU-On Peak	2,700	0.135	364.50	2,700	0.135	364.50	0.00	0.00%		11.32%
<b>Sub-Total: Energy (TOU)</b>			<b>1,386.90</b>			<b>1,386.90</b>	<b>0.00</b>	<b>0.00%</b>	<b>41.24%</b>	<b>43.09%</b>
Service Charge	1	33.67	33.67	1	34.17	34.17	0.50	1.49%	1.02%	1.06%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0.88	0.88	1	2.17	2.17	1.29	146.59%	0.06%	0.07%
Fixed Deferral/Variance Account Rider	1	0.3	0.30	1	0.29	0.29	-0.01	-3.33%	0.01%	0.01%
Distribution Volumetric Rate	15,000	0.0607	910.50	15,000	0.0626	939.00	28.50	3.13%	27.92%	29.17%
Volumetric Smoothing Rider	15,000	0.0016	24.00	15,000	0.004	60.00	36.00	150.00%	1.78%	1.86%
Volumetric Deferral/Variance Account Rider	15,000	0.0001	1.50	15,000	0.0001	1.50	0.00	0.00%	0.04%	0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>970.85</b>			<b>1,037.13</b>	<b>66.28</b>	<b>6.83%</b>	<b>30.84%</b>	<b>32.22%</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	0.10	145.44	1,440	0.10	145.44	0.00	0.00%	4.32%	4.52%
Line Losses on Cost of Power (based on TOU prices)	1,440	0.09	133.14	1,440	0.09	133.14	0.00	0.00%	3.96%	4.14%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>1,117.08</b>			<b>1,183.36</b>	<b>66.28</b>	<b>5.93%</b>	<b>35.19%</b>	<b>36.76%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>1,104.78</b>			<b>1,171.06</b>	<b>66.28</b>	<b>6.00%</b>	<b>34.82%</b>	<b>36.38%</b>
Retail Transmission Rate – Network Service Rate	16,440	0.0058	95.35	16,440	0.0058	95.35	0.00	0.00%	2.84%	2.96%
Retail Transmission Rate – Line and Transformation Connection S	16,440	0.0036	59.18	16,440	0.0036	59.18	0.00	0.00%	1.76%	1.84%
<b>Sub-Total: Retail Transmission</b>			<b>154.54</b>			<b>154.54</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.60%</b>	<b>4.80%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>1,271.62</b>			<b>1,337.90</b>	<b>66.28</b>	<b>5.21%</b>	<b>39.78%</b>	<b>41.56%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>1,259.32</b>			<b>1,325.60</b>	<b>66.28</b>	<b>5.26%</b>	<b>39.42%</b>	<b>41.18%</b>
Wholesale Market Service Rate	16,440	0.0044	72.34	16,440	0.0044	72.34	0.00	0.00%	2.15%	2.25%
Rural Rate Protection Charge	16,440	0.0012	19.73	16,440	0.0012	19.73	0.00	0.00%	0.59%	0.61%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%	0.01%
<b>Sub-Total: Regulatory</b>			<b>92.31</b>			<b>92.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.75%</b>	<b>2.87%</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>3.12%</b>	<b>3.26%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>2,972.68</b>			<b>3,038.96</b>	<b>66.28</b>	<b>2.23%</b>	<b>90.37%</b>	
HST		0.13	386.45		0.13	395.06	8.62	2.23%	11.75%	
<b>Total Bill (including HST)</b>			<b>3,359.13</b>			<b>3,434.02</b>	<b>74.90</b>	<b>2.23%</b>	<b>102.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-69.41		-0.10	-71.07	-1.66	2.39%	-2.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>3,289.72</b>			<b>3,362.96</b>	<b>73.24</b>	<b>2.23%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>2,843.53</b>			<b>2,909.81</b>	<b>66.28</b>	<b>2.33%</b>		<b>90.40%</b>
HST		0.13	369.66		0.13	378.28	8.62	2.33%		11.75%
<b>Total Bill (including HST)</b>			<b>3,213.19</b>			<b>3,288.09</b>	<b>74.90</b>	<b>2.33%</b>		<b>102.15%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-67.51		-0.10	-69.17	-1.66	2.46%		-2.15%
<b>Total Bill on TOU (including OCEB)</b>			<b>3,145.68</b>			<b>3,218.92</b>	<b>73.24</b>	<b>2.33%</b>		<b>100.00%</b>

**2019 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	34.56%	
Energy Second Tier (kWh)	250	0.101	25.25	250	0.101	25.25	0.00	0.00%	13.53%	
<b>Sub-Total: Energy (RPP)</b>			<b>89.75</b>			<b>89.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>48.09%</b>	
TOU-Off Peak	640	0.075	48.00	640	0.075	48.00	0.00	0.00%		25.42%
TOU-Mid Peak	180	0.112	20.16	180	0.112	20.16	0.00	0.00%		10.68%
TOU-On Peak	180	0.135	24.30	180	0.135	24.30	0.00	0.00%		12.87%
<b>Sub-Total: Energy (TOU)</b>			<b>92.46</b>			<b>92.46</b>	<b>0.00</b>	<b>0.00%</b>	<b>49.54%</b>	<b>48.97%</b>
Service Charge	1	27.48	27.48	1	28.54	28.54	1.06	3.86%	15.29%	15.12%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0.72	0.72	1	1.81	1.81	1.09	151.39%	0.97%	0.96%
Fixed Deferral/Variance Account Rider	1	0.25	0.25	1	0.26	0.26	0.01	4.00%	0.14%	0.14%
Distribution Volumetric Rate	1,000	0.0284	28.40	1,000	0.0299	29.90	1.50	5.28%	16.02%	15.84%
Volumetric Smoothing Rider	1,000	0.0007	0.70	1,000	0.0019	1.90	1.20	171.43%	1.02%	1.01%
Volumetric Deferral/Variance Account Rider	1,000	-0.0001	-0.10	1,000	-0.0001	-0.10	0.00	0.00%	-0.05%	-0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>57.45</b>			<b>62.31</b>	<b>4.86</b>	<b>8.46%</b>	<b>33.39%</b>	<b>33.00%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.42%	0.42%
Line Losses on Cost of Power (based on two-tier RPP prices)	67	0.10	6.77	67	0.10	6.77	0.00	0.00%	3.63%	3.58%
Line Losses on Cost of Power (based on TOU prices)	67	0.09	6.19	67	0.09	6.19	0.00	0.00%	3.32%	3.28%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>65.01</b>			<b>69.87</b>	<b>4.86</b>	<b>7.48%</b>	<b>37.44%</b>	<b>37.00%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>64.43</b>			<b>69.29</b>	<b>4.86</b>	<b>7.54%</b>	<b>37.13%</b>	<b>36.70%</b>
Retail Transmission Rate – Network Service Rate	1,067	0.0062	6.62	1,067	0.0062	6.62	0.00	0.00%	3.54%	3.50%
Retail Transmission Rate – Line and Transformation Connection	1,067	0.0038	4.05	1,067	0.0038	4.05	0.00	0.00%	2.17%	2.15%
<b>Sub-Total: Retail Transmission</b>			<b>10.67</b>			<b>10.67</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.72%</b>	<b>5.65%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>75.68</b>			<b>80.54</b>	<b>4.86</b>	<b>6.42%</b>	<b>43.15%</b>	<b>42.66%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>75.10</b>			<b>79.96</b>	<b>4.86</b>	<b>6.47%</b>	<b>42.85%</b>	<b>42.35%</b>
Wholesale Market Service Rate	1,067	0.0044	4.69	1,067	0.0044	4.69	0.00	0.00%	2.52%	2.49%
Rural Rate Protection Charge	1,067	0.0012	1.28	1,067	0.0012	1.28	0.00	0.00%	0.69%	0.68%
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>6.23</b>			<b>6.23</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.34%</b>	<b>3.30%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.007	7.00	1,000	0.007	7.00	0.00	0.00%	3.75%	3.71%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>178.65</b>			<b>183.51</b>	<b>4.86</b>	<b>2.72%</b>	<b>98.33%</b>	
HST		0.13	23.22		0.13	23.86	0.63	2.72%	12.78%	
<b>Total Bill (including HST)</b>			<b>201.88</b>			<b>207.37</b>	<b>5.49</b>	<b>2.72%</b>	<b>111.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-20.19		-0.10	-20.74	-0.55	2.72%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>181.69</b>			<b>186.63</b>	<b>4.94</b>	<b>2.72%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>180.79</b>			<b>185.65</b>	<b>4.86</b>	<b>2.69%</b>		<b>98.33%</b>
HST		0.13	23.50		0.13	24.13	0.63	2.69%		12.78%
<b>Total Bill (including HST)</b>			<b>204.29</b>			<b>209.78</b>	<b>5.49</b>	<b>2.69%</b>		<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-20.43		-0.10	-20.98	-0.55	2.69%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>183.86</b>			<b>188.81</b>	<b>4.94</b>	<b>2.69%</b>		<b>100.00%</b>

**2019 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	18.30%	
Energy Second Tier (kWh)	1,250	0.101	126.25	1,250	0.101	126.25	0.00	0.00%	35.81%	
<b>Sub-Total: Energy (RPP)</b>			<b>190.75</b>			<b>190.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.11%</b>	
TOU-Off Peak	1,280	0.075	96.00	1,280	0.075	96.00	0.00	0.00%		27.79%
TOU-Mid Peak	360	0.112	40.32	360	0.112	40.32	0.00	0.00%		11.67%
TOU-On Peak	360	0.135	48.60	360	0.135	48.60	0.00	0.00%		14.07%
<b>Sub-Total: Energy (TOU)</b>			<b>184.92</b>			<b>184.92</b>	<b>0.00</b>	<b>0.00%</b>	<b>52.46%</b>	<b>53.53%</b>
Service Charge	1	27.48	27.48	1	28.54	28.54	1.06	3.86%	8.10%	8.26%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0.72	0.72	1	1.81	1.81	1.09	151.39%	0.51%	0.52%
Fixed Deferral/Variance Account Rider	1	0.25	0.25	1	0.26	0.26	0.01	4.00%	0.07%	0.08%
Distribution Volumetric Rate	2,000	0.0284	56.80	2,000	0.0299	59.80	3.00	5.28%	16.96%	17.31%
Volumetric Smoothing Rider	2,000	0.0007	1.40	2,000	0.0019	3.80	2.40	171.43%	1.08%	1.10%
Volumetric Deferral/Variance Account Rider	2,000	-0.0001	-0.20	2,000	-0.0001	-0.20	0.00	0.00%	-0.06%	-0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>86.45</b>			<b>94.01</b>	<b>7.56</b>	<b>8.74%</b>	<b>26.67%</b>	<b>27.22%</b>
Smart Metering Entity Charge	1	0.79	0.79	1	0.79	0.79	0.00	0.00%	0.22%	0.23%
Line Losses on Cost of Power (based on two-tier RPP prices)	134	0.10	13.53	134	0.10	13.53	0.00	0.00%	3.84%	3.92%
Line Losses on Cost of Power (based on TOU prices)	134	0.09	12.39	134	0.09	12.39	0.00	0.00%	3.51%	3.59%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>100.77</b>			<b>108.33</b>	<b>7.56</b>	<b>7.50%</b>	<b>30.73%</b>	<b>31.36%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>99.63</b>			<b>107.19</b>	<b>7.56</b>	<b>7.59%</b>	<b>30.41%</b>	<b>31.03%</b>
Retail Transmission Rate – Network Service Rate	2,134	0.0062	13.23	2,134	0.0062	13.23	0.00	0.00%	3.75%	3.83%
Retail Transmission Rate – Line and Transformation Connection S	2,134	0.0038	8.11	2,134	0.0038	8.11	0.00	0.00%	2.30%	2.35%
<b>Sub-Total: Retail Transmission</b>			<b>21.34</b>			<b>21.34</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.05%</b>	<b>6.18%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>122.11</b>			<b>129.67</b>	<b>7.56</b>	<b>6.19%</b>	<b>36.79%</b>	<b>37.54%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>120.97</b>			<b>128.53</b>	<b>7.56</b>	<b>6.25%</b>	<b>36.46%</b>	<b>37.21%</b>
Wholesale Market Service Rate	2,134	0.0044	9.39	2,134	0.0044	9.39	0.00	0.00%	2.66%	2.72%
Rural Rate Protection Charge	2,134	0.0012	2.56	2,134	0.0012	2.56	0.00	0.00%	0.73%	0.74%
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>12.20</b>			<b>12.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.46%</b>	<b>3.53%</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>3.97%</b>	<b>4.05%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>339.06</b>			<b>346.62</b>	<b>7.56</b>	<b>2.23%</b>	<b>98.33%</b>	
HST		0.13	44.08		0.13	45.06	0.98	2.23%	12.78%	
<b>Total Bill (including HST)</b>			<b>383.14</b>			<b>391.69</b>	<b>8.54</b>	<b>2.23%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		-0.10	-38.31		-0.10	-39.17	-0.85	2.23%	-11.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>344.83</b>			<b>352.52</b>	<b>7.69</b>	<b>2.23%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>332.09</b>			<b>339.65</b>	<b>7.56</b>	<b>2.28%</b>		<b>98.33%</b>
HST		0.13	43.17		0.13	44.15	0.98	2.28%		12.78%
<b>Total Bill (including HST)</b>			<b>375.26</b>			<b>383.80</b>	<b>8.54</b>	<b>2.28%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		-0.10	-37.53		-0.10	-38.38	-0.85	2.28%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>337.74</b>			<b>345.42</b>	<b>7.69</b>	<b>2.28%</b>		<b>100.00%</b>



**2019 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP	% of Total Bill on TOU
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	2.36%	
Energy Second Tier (kWh)	14,250	0.101	1,439.25	14,250	0.101	1,439.25	0.00	0.00%	52.72%	
<b>Sub-Total: Energy (RPP)</b>			<b>1,503.75</b>			<b>1,503.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>55.08%</b>	
TOU-Off Peak	9,600	0.075	720.00	9,600	0.075	720.00	0.00	0.00%		27.80%
TOU-Mid Peak	2,700	0.112	302.40	2,700	0.112	302.40	0.00	0.00%		11.67%
TOU-On Peak	2,700	0.135	364.50	2,700	0.135	364.50	0.00	0.00%		14.07%
<b>Sub-Total: Energy (TOU)</b>			<b>1,386.90</b>			<b>1,386.90</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.80%</b>	<b>53.54%</b>
Service Charge	1	27.48	27.48	1	28.54	28.54	1.06	3.86%	1.05%	1.10%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%	0.00%
Fixed Smoothing Rider	1	0.72	0.72	1	1.81	1.81	1.09	151.39%	0.07%	0.07%
Fixed Deferral/Variance Account Rider	1	0.25	0.25	1	0.26	0.26	0.01	4.00%	0.01%	0.01%
Distribution Volumetric Rate	15,000	0.0284	426.00	15,000	0.0299	448.50	22.50	5.28%	16.43%	17.31%
Volumetric Smoothing Rider	15,000	0.0007	10.50	15,000	0.0019	28.50	18.00	171.43%	1.04%	1.10%
Volumetric Deferral/Variance Account Rider	15,000	-0.0001	-1.50	15,000	-0.0001	-1.50	0.00	0.00%	-0.05%	-0.06%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>463.45</b>			<b>506.11</b>	<b>42.66</b>	<b>9.20%</b>	<b>18.54%</b>	<b>19.54%</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	0.10	101.51	1,005	0.10	101.51	0.00	0.00%	3.72%	3.92%
Line Losses on Cost of Power (based on TOU prices)	1,005	0.09	92.92	1,005	0.09	92.92	0.00	0.00%	3.40%	3.59%
<b>Sub-Total: Distribution (based on two-tier RPP prices)</b>			<b>565.75</b>			<b>608.41</b>	<b>42.66</b>	<b>7.54%</b>	<b>22.28%</b>	<b>23.49%</b>
<b>Sub-Total: Distribution (based on TOU prices)</b>			<b>557.16</b>			<b>599.82</b>	<b>42.66</b>	<b>7.66%</b>	<b>21.97%</b>	<b>23.16%</b>
Retail Transmission Rate – Network Service Rate	16,005	0.0062	99.23	16,005	0.0062	99.23	0.00	0.00%	3.63%	3.83%
Retail Transmission Rate – Line and Transformation Connection	16,005	0.0038	60.82	16,005	0.0038	60.82	0.00	0.00%	2.23%	2.35%
<b>Sub-Total: Retail Transmission</b>			<b>160.05</b>			<b>160.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.86%</b>	<b>6.18%</b>
<b>Sub-Total: Delivery (based on two-tier RPP prices)</b>			<b>725.80</b>			<b>768.46</b>	<b>42.66</b>	<b>5.88%</b>	<b>28.15%</b>	<b>29.67%</b>
<b>Sub-Total: Delivery (based on TOU prices)</b>			<b>717.21</b>			<b>759.87</b>	<b>42.66</b>	<b>5.95%</b>	<b>27.83%</b>	<b>29.34%</b>
Wholesale Market Service Rate	16,005	0.0044	70.42	16,005	0.0044	70.42	0.00	0.00%	2.58%	2.72%
Rural Rate Protection Charge	16,005	0.0012	19.21	16,005	0.0012	19.21	0.00	0.00%	0.70%	0.74%
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>89.88</b>			<b>89.88</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.29%</b>	<b>3.47%</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>3.85%</b>	<b>4.05%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>2,424.42</b>			<b>2,467.08</b>	<b>42.66</b>	<b>1.76%</b>	<b>90.36%</b>	
HST		0.13	315.17		0.13	320.72	5.55	1.76%	11.75%	
<b>Total Bill (including HST)</b>			<b>2,739.60</b>			<b>2,787.80</b>	<b>48.21</b>	<b>1.76%</b>	<b>102.11%</b>	
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-56.44		-0.10	-57.60	-1.16	2.05%	-2.11%	
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>2,683.16</b>			<b>2,730.20</b>	<b>47.05</b>	<b>1.75%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before Taxes)</b>			<b>2,298.99</b>			<b>2,341.65</b>	<b>42.66</b>	<b>1.86%</b>		<b>90.40%</b>
HST		0.13	298.87		0.13	304.41	5.55	1.86%		11.75%
<b>Total Bill (including HST)</b>			<b>2,597.86</b>			<b>2,646.06</b>	<b>48.21</b>	<b>1.86%</b>		<b>102.15%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-54.62		-0.10	-55.78	-1.16	2.12%		-2.15%
<b>Total Bill on TOU (including OCEB)</b>			<b>2,543.24</b>			<b>2,590.28</b>	<b>47.05</b>	<b>1.85%</b>		<b>100.00%</b>

**2019 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	29.22%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>29.22%</b>
Service Charge	1	4.72	4.72	1	4.9	4.90	0.18	3.81%	16.65%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	0.12	0.12	1	0.31	0.31	0.19	158.33%	1.05%
Fixed Deferral/Variance Account Rider	1	0.05	0.05	1	0.05	0.05	0.00	0.00%	0.17%
Distribution Volumetric Rate	100	0.1079	10.79	100	0.1119	11.19	0.40	3.71%	38.02%
Volumetric Smoothing Rider	100	0.0028	0.28	100	0.0071	0.71	0.43	153.57%	2.41%
Volumetric Deferral/Variance Account Rider	100	0.0005	0.05	100	0.0005	0.05	0.00	0.00%	0.17%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>16.01</b>			<b>17.21</b>	<b>1.20</b>	<b>7.50%</b>	<b>58.48%</b>
Line Losses on Cost of Power	9	0.09	0.79	9	0.09	0.79	0.00	0.00%	2.69%
<b>Sub-Total: Distribution</b>			<b>16.80</b>			<b>18.00</b>	<b>1.20</b>	<b>7.14%</b>	<b>61.17%</b>
Retail Transmission Rate – Network Service Rate	109	0.0039	0.43	109	0.0039	0.43	0.00	0.00%	1.45%
Retail Transmission Rate – Line and Transformation Connection S	109	0.0032	0.35	109	0.0032	0.35	0.00	0.00%	1.19%
<b>Sub-Total: Retail Transmission</b>			<b>0.78</b>			<b>0.78</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.63%</b>
<b>Sub-Total: Delivery</b>			<b>17.58</b>			<b>18.78</b>	<b>1.20</b>	<b>6.83%</b>	<b>63.80%</b>
Wholesale Market Service Rate	109	0.0044	0.48	109	0.0044	0.48	0.00	0.00%	1.63%
Rural Rate Protection Charge	109	0.0012	0.13	109	0.0012	0.13	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%	0.85%
<b>Sub-Total: Regulatory</b>			<b>0.86</b>			<b>0.86</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.93%</b>
<b>Debt Retirement Charge (DRC)</b>	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	2.38%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>27.74</b>			<b>28.94</b>	<b>1.20</b>	<b>4.33%</b>	<b>98.33%</b>
HST		0.13	3.61		0.13	3.76	0.16	4.33%	12.78%
<b>Total Bill (including HST)</b>			<b>31.34</b>			<b>32.70</b>	<b>1.36</b>	<b>4.33%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-3.13		-0.10	-3.27	-0.14	4.33%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>28.21</b>			<b>29.43</b>	<b>1.22</b>	<b>4.33%</b>	<b>100.00%</b>



**2019 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	500	0.086	43.00	500	0.086	43.00	0.00	0.00%	34.47%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>43.00</b>			<b>43.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>34.47%</b>
Service Charge	1	4.72	4.72	1	4.9	4.90	0.18	3.81%	3.93%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	0.12	0.12	1	0.31	0.31	0.19	158.33%	0.25%
Fixed Deferral/Variance Account Rider	1	0.05	0.05	1	0.05	0.05	0.00	0.00%	0.04%
Distribution Volumetric Rate	500	0.1079	53.95	500	0.1119	55.95	2.00	3.71%	44.86%
Volumetric Smoothing Rider	500	0.0028	1.40	500	0.0071	3.55	2.15	153.57%	2.85%
Volumetric Deferral/Variance Account Rider	500	0.0005	0.25	500	0.0005	0.25	0.00	0.00%	0.20%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>60.49</b>			<b>65.01</b>	<b>4.52</b>	<b>7.47%</b>	<b>52.12%</b>
Line Losses on Cost of Power	46	0.09	3.96	46	0.09	3.96	0.00	0.00%	3.17%
<b>Sub-Total: Distribution</b>			<b>64.45</b>			<b>68.97</b>	<b>4.52</b>	<b>7.01%</b>	<b>55.29%</b>
Retail Transmission Rate – Network Service Rate	546	0.0039	2.13	546	0.0039	2.13	0.00	0.00%	1.71%
Retail Transmission Rate – Line and Transformation Connection S	546	0.0032	1.75	546	0.0032	1.75	0.00	0.00%	1.40%
<b>Sub-Total: Retail Transmission</b>			<b>3.88</b>			<b>3.88</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.11%</b>
<b>Sub-Total: Delivery</b>			<b>68.32</b>			<b>72.84</b>	<b>4.52</b>	<b>6.62%</b>	<b>58.40%</b>
Wholesale Market Service Rate	546	0.0044	2.40	546	0.0044	2.40	0.00	0.00%	1.93%
Rural Rate Protection Charge	546	0.0012	0.66	546	0.0012	0.66	0.00	0.00%	0.53%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.20%
<b>Sub-Total: Regulatory</b>			<b>3.31</b>			<b>3.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.65%</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>2.81%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>118.13</b>			<b>122.65</b>	<b>4.52</b>	<b>3.83%</b>	<b>98.33%</b>
HST		0.13	15.36		0.13	15.94	0.59	3.83%	12.78%
<b>Total Bill (including HST)</b>			<b>133.49</b>			<b>138.59</b>	<b>5.11</b>	<b>3.83%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-13.35		-0.10	-13.86	-0.51	3.83%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>120.14</b>			<b>124.74</b>	<b>4.60</b>	<b>3.83%</b>	<b>100.00%</b>

**2019 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	12.80%
Energy Second Tier (kWh)	1,250	0.101	126.25	1,250	0.101	126.25	0.00	0.00%	25.05%
<b>Sub-Total: Energy (RPP)</b>			<b>190.75</b>			<b>190.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>37.85%</b>
Service Charge	1	4.72	4.72	1	4.9	4.90	0.18	3.81%	0.97%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	0.12	0.12	1	0.31	0.31	0.19	158.33%	0.06%
Fixed Deferral/Variance Account Rider	1	0.05	0.05	1	0.05	0.05	0.00	0.00%	0.01%
Distribution Volumetric Rate	2,000	0.1079	215.80	2,000	0.1119	223.80	8.00	3.71%	44.40%
Volumetric Smoothing Rider	2,000	0.0028	5.60	2,000	0.0071	14.20	8.60	153.57%	2.82%
Volumetric Deferral/Variance Account Rider	2,000	0.0005	1.00	2,000	0.0005	1.00	0.00	0.00%	0.20%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>227.29</b>			<b>244.26</b>	<b>16.97</b>	<b>7.47%</b>	<b>48.46%</b>
Line Losses on Cost of Power	184	0.10	18.58	184	0.10	18.58	0.00	0.00%	3.69%
<b>Sub-Total: Distribution</b>			<b>245.87</b>			<b>262.84</b>	<b>16.97</b>	<b>6.90%</b>	<b>52.15%</b>
Retail Transmission Rate – Network Service Rate	2,184	0.0039	8.52	2,184	0.0039	8.52	0.00	0.00%	1.69%
Retail Transmission Rate – Line and Transformation Connection S	2,184	0.0032	6.99	2,184	0.0032	6.99	0.00	0.00%	1.39%
<b>Sub-Total: Retail Transmission</b>			<b>15.51</b>			<b>15.51</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.08%</b>
<b>Sub-Total: Delivery</b>			<b>261.38</b>			<b>278.35</b>	<b>16.97</b>	<b>6.49%</b>	<b>55.23%</b>
Wholesale Market Service Rate	2,184	0.0044	9.61	2,184	0.0044	9.61	0.00	0.00%	1.91%
Rural Rate Protection Charge	2,184	0.0012	2.62	2,184	0.0012	2.62	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%	0.05%
<b>Sub-Total: Regulatory</b>			<b>12.48</b>			<b>12.48</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.48%</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>2.78%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>478.61</b>			<b>495.58</b>	<b>16.97</b>	<b>3.55%</b>	<b>98.33%</b>
HST		0.13	62.22		0.13	64.43	2.21	3.55%	12.78%
<b>Total Bill (including HST)</b>			<b>540.83</b>			<b>560.01</b>	<b>19.18</b>	<b>3.55%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-54.08		-0.10	-56.00	-1.92	3.55%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>486.75</b>			<b>504.01</b>	<b>17.26</b>	<b>3.55%</b>	<b>100.00%</b>

**2019 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	20	0.086	1.72	20	0.086	1.72	0.00	0.00%	17.86%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1.72</b>			<b>1.72</b>	<b>0.00</b>	<b>0.00%</b>	<b>17.86%</b>
Service Charge	1	3.25	3.25	1	3.39	3.39	0.14	4.31%	35.19%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	0.09	0.09	1	0.22	0.22	0.13	144.44%	2.28%
Fixed Deferral/Variance Account Rider	1	0.03	0.03	1	0.03	0.03	0.00	0.00%	0.31%
Distribution Volumetric Rate	20	0.1494	2.99	20	0.1538	3.08	0.09	2.95%	31.93%
Volumetric Smoothing Rider	20	0.0039	0.08	20	0.0098	0.20	0.12	151.28%	2.03%
Volumetric Deferral/Variance Account Rider	20	0.0007	0.01	20	0.0007	0.01	0.00	0.00%	0.15%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>6.45</b>			<b>6.93</b>	<b>0.48</b>	<b>7.38%</b>	<b>71.90%</b>
Line Losses on Cost of Power	2	0.09	0.16	2	0.09	0.16	0.00	0.00%	1.64%
<b>Sub-Total: Distribution</b>			<b>6.61</b>			<b>7.08</b>	<b>0.48</b>	<b>7.20%</b>	<b>73.54%</b>
Retail Transmission Rate – Network Service Rate	22	0.0039	0.09	22	0.0039	0.09	0.00	0.00%	0.88%
Retail Transmission Rate – Line and Transformation Connection S	22	0.0032	0.07	22	0.0032	0.07	0.00	0.00%	0.73%
<b>Sub-Total: Retail Transmission</b>			<b>0.16</b>			<b>0.16</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.61%</b>
<b>Sub-Total: Delivery</b>			<b>6.76</b>			<b>7.24</b>	<b>0.48</b>	<b>7.04%</b>	<b>75.15%</b>
Wholesale Market Service Rate	22	0.0044	0.10	22	0.0044	0.10	0.00	0.00%	1.00%
Rural Rate Protection Charge	22	0.0012	0.03	22	0.0012	0.03	0.00	0.00%	0.27%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	2.60%
<b>Sub-Total: Regulatory</b>			<b>0.37</b>			<b>0.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.87%</b>
<b>Debt Retirement Charge (DRC)</b>	20	0.007	0.14	20	0.007	0.14	0.00	0.00%	1.45%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>9.00</b>			<b>9.47</b>	<b>0.48</b>	<b>5.29%</b>	<b>98.33%</b>
HST		0.13	1.17		0.13	1.23	0.06	5.29%	12.78%
<b>Total Bill (including HST)</b>			<b>10.17</b>			<b>10.70</b>	<b>0.54</b>	<b>5.29%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-1.02		-0.10	-1.07	-0.05	5.29%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>9.15</b>			<b>9.63</b>	<b>0.48</b>	<b>5.29%</b>	<b>100.00%</b>

**2019 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	50	0.086	4.30	50	0.086	4.30	0.00	0.00%	23.69%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>4.30</b>			<b>4.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>23.69%</b>
Service Charge	1	3.25	3.25	1	3.39	3.39	0.14	4.31%	18.68%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	0.09	0.09	1	0.22	0.22	0.13	144.44%	1.21%
Fixed Deferral/Variance Account Rider	1	0.03	0.03	1	0.03	0.03	0.00	0.00%	0.17%
Distribution Volumetric Rate	50	0.1494	7.47	50	0.1538	7.69	0.22	2.95%	42.38%
Volumetric Smoothing Rider	50	0.0039	0.20	50	0.0098	0.49	0.30	151.28%	2.70%
Volumetric Deferral/Variance Account Rider	50	0.0007	0.04	50	0.0007	0.04	0.00	0.00%	0.19%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>11.07</b>			<b>11.86</b>	<b>0.79</b>	<b>7.09%</b>	<b>65.33%</b>
Line Losses on Cost of Power	5	0.09	0.40	5	0.09	0.40	0.00	0.00%	2.18%
<b>Sub-Total: Distribution</b>			<b>11.47</b>			<b>12.25</b>	<b>0.79</b>	<b>6.85%</b>	<b>67.51%</b>
Retail Transmission Rate – Network Service Rate	55	0.0039	0.21	55	0.0039	0.21	0.00	0.00%	1.17%
Retail Transmission Rate – Line and Transformation Connection S	55	0.0032	0.17	55	0.0032	0.17	0.00	0.00%	0.96%
<b>Sub-Total: Retail Transmission</b>			<b>0.39</b>			<b>0.39</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.14%</b>
<b>Sub-Total: Delivery</b>			<b>11.85</b>			<b>12.64</b>	<b>0.79</b>	<b>6.62%</b>	<b>69.64%</b>
Wholesale Market Service Rate	55	0.0044	0.24	55	0.0044	0.24	0.00	0.00%	1.32%
Rural Rate Protection Charge	55	0.0012	0.07	55	0.0012	0.07	0.00	0.00%	0.36%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	1.38%
<b>Sub-Total: Regulatory</b>			<b>0.56</b>			<b>0.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.06%</b>
<b>Debt Retirement Charge (DRC)</b>	50	0.007	<b>0.35</b>	50	0.007	<b>0.35</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.93%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>17.06</b>			<b>17.84</b>	<b>0.79</b>	<b>4.60%</b>	<b>98.33%</b>
HST		0.13	2.22		0.13	2.32	0.10	4.60%	12.78%
<b>Total Bill (including HST)</b>			<b>19.28</b>			<b>20.16</b>	<b>0.89</b>	<b>4.60%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-1.93		-0.10	-2.02	-0.09	4.60%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>17.35</b>			<b>18.15</b>	<b>0.80</b>	<b>4.60%</b>	<b>100.00%</b>

**2019 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	200	0.086	17.20	200	0.086	17.20	0.00	0.00%	28.33%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>17.20</b>			<b>17.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>28.33%</b>
Service Charge	1	3.25	3.25	1	3.39	3.39	0.14	4.31%	5.58%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	0.09	0.09	1	0.22	0.22	0.13	144.44%	0.36%
Fixed Deferral/Variance Account Rider	1	0.03	0.03	1	0.03	0.03	0.00	0.00%	0.05%
Distribution Volumetric Rate	200	0.1494	29.88	200	0.1538	30.76	0.88	2.95%	50.66%
Volumetric Smoothing Rider	200	0.0039	0.78	200	0.0098	1.96	1.18	151.28%	3.23%
Volumetric Deferral/Variance Account Rider	200	0.0007	0.14	200	0.0007	0.14	0.00	0.00%	0.23%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>34.17</b>			<b>36.50</b>	<b>2.33</b>	<b>6.82%</b>	<b>60.11%</b>
Line Losses on Cost of Power	18	0.09	1.58	18	0.09	1.58	0.00	0.00%	2.61%
<b>Sub-Total: Distribution</b>			<b>35.75</b>			<b>38.08</b>	<b>2.33</b>	<b>6.52%</b>	<b>62.72%</b>
Retail Transmission Rate – Network Service Rate	218	0.0039	0.85	218	0.0039	0.85	0.00	0.00%	1.40%
Retail Transmission Rate – Line and Transformation Connection S	218	0.0032	0.70	218	0.0032	0.70	0.00	0.00%	1.15%
<b>Sub-Total: Retail Transmission</b>			<b>1.55</b>			<b>1.55</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.55%</b>
<b>Sub-Total: Delivery</b>			<b>37.30</b>			<b>39.63</b>	<b>2.33</b>	<b>6.25%</b>	<b>65.27%</b>
Wholesale Market Service Rate	218	0.0044	0.96	218	0.0044	0.96	0.00	0.00%	1.58%
Rural Rate Protection Charge	218	0.0012	0.26	218	0.0012	0.26	0.00	0.00%	0.43%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.41%
<b>Sub-Total: Regulatory</b>			<b>1.47</b>			<b>1.47</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.43%</b>
<b>Debt Retirement Charge (DRC)</b>	200	0.007	1.40	200	0.007	1.40	0.00	0.00%	2.31%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>57.38</b>			<b>59.71</b>	<b>2.33</b>	<b>4.06%</b>	<b>98.33%</b>
HST		0.13	7.46		0.13	7.76	0.30	4.06%	12.78%
<b>Total Bill (including HST)</b>			<b>64.83</b>			<b>67.47</b>	<b>2.63</b>	<b>4.06%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-6.48		-0.10	-6.75	-0.26	4.06%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>58.35</b>			<b>60.72</b>	<b>2.37</b>	<b>4.06%</b>	<b>100.00%</b>

**2019 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	100	0.086	8.60	100	0.086	8.60	0.00	0.00%	15.38%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>8.60</b>			<b>8.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>15.38%</b>
Service Charge	1	38.11	38.11	1	37.56	37.56	-0.55	-1.44%	67.16%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	1	1.00	1	2.38	2.38	1.38	138.00%	4.26%
Fixed Deferral/Variance Account Rider	1	0.3	0.30	1	0.28	0.28	-0.02	-6.67%	0.50%
Distribution Volumetric Rate	100	0.0286	2.86	100	0.0282	2.82	-0.04	-1.40%	5.04%
Volumetric Smoothing Rider	100	0.0008	0.08	100	0.0018	0.18	0.10	125.00%	0.32%
Volumetric Deferral/Variance Account Rider	100	-0.0001	-0.01	100	-0.0001	-0.01	0.00	0.00%	-0.02%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>42.34</b>			<b>43.21</b>	<b>0.87</b>	<b>2.05%</b>	<b>77.26%</b>
Line Losses on Cost of Power	9	0.09	0.79	9	0.09	0.79	0.00	0.00%	1.41%
<b>Sub-Total: Distribution</b>			<b>43.13</b>			<b>44.00</b>	<b>0.87</b>	<b>2.02%</b>	<b>78.68%</b>
Retail Transmission Rate – Network Service Rate	109	0.0046	0.50	109	0.0046	0.50	0.00	0.00%	0.90%
Retail Transmission Rate – Line and Transformation Connection S	109	0.003	0.33	109	0.003	0.33	0.00	0.00%	0.59%
<b>Sub-Total: Retail Transmission</b>			<b>0.83</b>			<b>0.83</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.48%</b>
<b>Sub-Total: Delivery</b>			<b>43.96</b>			<b>44.83</b>	<b>0.87</b>	<b>1.98%</b>	<b>80.16%</b>
Wholesale Market Service Rate	109	0.0044	0.48	109	0.0044	0.48	0.00	0.00%	0.86%
Rural Rate Protection Charge	109	0.0012	0.13	109	0.0012	0.13	0.00	0.00%	0.23%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.45%
<b>Sub-Total: Regulatory</b>			<b>0.86</b>			<b>0.86</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.54%</b>
<b>Debt Retirement Charge (DRC)</b>	100	0.007	0.70	100	0.007	0.70	0.00	0.00%	1.25%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>54.12</b>			<b>54.99</b>	<b>0.87</b>	<b>1.61%</b>	<b>98.33%</b>
HST		0.13	7.04		0.13	7.15	0.11	1.61%	12.78%
<b>Total Bill (including HST)</b>			<b>61.16</b>			<b>62.14</b>	<b>0.98</b>	<b>1.61%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-6.12		-0.10	-6.21	-0.10	1.61%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>55.04</b>			<b>55.93</b>	<b>0.88</b>	<b>1.61%</b>	<b>100.00%</b>

**2019 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	500	0.086	43.00	500	0.086	43.00	0.00	0.00%	37.39%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>43.00</b>			<b>43.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>37.39%</b>
Service Charge	1	38.11	38.11	1	37.56	37.56	-0.55	-1.44%	32.66%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	1	1.00	1	2.38	2.38	1.38	138.00%	2.07%
Fixed Deferral/Variance Account Rider	1	0.3	0.30	1	0.28	0.28	-0.02	-6.67%	0.24%
Distribution Volumetric Rate	500	0.0286	14.30	500	0.0282	14.10	-0.20	-1.40%	12.26%
Volumetric Smoothing Rider	500	0.0008	0.40	500	0.0018	0.90	0.50	125.00%	0.78%
Volumetric Deferral/Variance Account Rider	500	-0.0001	-0.05	500	-0.0001	-0.05	0.00	0.00%	-0.04%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>54.06</b>			<b>55.17</b>	<b>1.11</b>	<b>2.05%</b>	<b>47.97%</b>
Line Losses on Cost of Power	46	0.09	3.96	46	0.09	3.96	0.00	0.00%	3.44%
<b>Sub-Total: Distribution</b>			<b>58.02</b>			<b>59.13</b>	<b>1.11</b>	<b>1.91%</b>	<b>51.41%</b>
Retail Transmission Rate – Network Service Rate	546	0.0046	2.51	546	0.0046	2.51	0.00	0.00%	2.18%
Retail Transmission Rate – Line and Transformation Connection S	546	0.003	1.64	546	0.003	1.64	0.00	0.00%	1.42%
<b>Sub-Total: Retail Transmission</b>			<b>4.15</b>			<b>4.15</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.61%</b>
<b>Sub-Total: Delivery</b>			<b>62.17</b>			<b>63.28</b>	<b>1.11</b>	<b>1.79%</b>	<b>55.02%</b>
Wholesale Market Service Rate	546	0.0044	2.40	546	0.0044	2.40	0.00	0.00%	2.09%
Rural Rate Protection Charge	546	0.0012	0.66	546	0.0012	0.66	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%	0.22%
<b>Sub-Total: Regulatory</b>			<b>3.31</b>			<b>3.31</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.88%</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>3.04%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>111.97</b>			<b>113.08</b>	<b>1.11</b>	<b>0.99%</b>	<b>98.33%</b>
HST		0.13	14.56		0.13	14.70	0.14	0.99%	12.78%
<b>Total Bill (including HST)</b>			<b>126.53</b>			<b>127.78</b>	<b>1.25</b>	<b>0.99%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-12.65		-0.10	-12.78	-0.13	0.99%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>113.88</b>			<b>115.01</b>	<b>1.13</b>	<b>0.99%</b>	<b>100.00%</b>

**2019 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill on RPP
Energy First Tier (kWh)	750	0.086	64.50	750	0.086	64.50	0.00	0.00%	33.24%
Energy Second Tier (kWh)	250	0.101	25.25	250	0.101	25.25	0.00	0.00%	13.01%
<b>Sub-Total: Energy (RPP)</b>			<b>89.75</b>			<b>89.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>46.25%</b>
Service Charge	1	38.11	38.11	1	37.56	37.56	-0.55	-1.44%	19.35%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	1	1.00	1	2.38	2.38	1.38	138.00%	1.23%
Fixed Deferral/Variance Account Rider	1	0.3	0.30	1	0.28	0.28	-0.02	-6.67%	0.14%
Distribution Volumetric Rate	1,000	0.0286	28.60	1,000	0.0282	28.20	-0.40	-1.40%	14.53%
Volumetric Smoothing Rider	1,000	0.0008	0.80	1,000	0.0018	1.80	1.00	125.00%	0.93%
Volumetric Deferral/Variance Account Rider	1,000	-0.0001	-0.10	1,000	-0.0001	-0.10	0.00	0.00%	-0.05%
<b>Sub-Total: Distribution (excluding pass through)</b>			<b>68.71</b>			<b>70.12</b>	<b>1.41</b>	<b>2.05%</b>	<b>36.13%</b>
Line Losses on Cost of Power	92	0.10	9.29	92	0.10	9.29	0.00	0.00%	4.79%
<b>Sub-Total: Distribution</b>			<b>78.00</b>			<b>79.41</b>	<b>1.41</b>	<b>1.81%</b>	<b>40.92%</b>
Retail Transmission Rate – Network Service Rate	1,092	0.0046	5.02	1,092	0.0046	5.02	0.00	0.00%	2.59%
Retail Transmission Rate – Line and Transformation Connection S	1,092	0.003	3.28	1,092	0.003	3.28	0.00	0.00%	1.69%
<b>Sub-Total: Retail Transmission</b>			<b>8.30</b>			<b>8.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.28%</b>
<b>Sub-Total: Delivery</b>			<b>86.30</b>			<b>87.71</b>	<b>1.41</b>	<b>1.63%</b>	<b>45.20%</b>
Wholesale Market Service Rate	1,092	0.0044	4.80	1,092	0.0044	4.80	0.00	0.00%	2.48%
Rural Rate Protection Charge	1,092	0.0012	1.31	1,092	0.0012	1.31	0.00	0.00%	0.68%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.13%
<b>Sub-Total: Regulatory</b>			<b>6.37</b>			<b>6.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.28%</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>3.61%</b>
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>189.42</b>			<b>190.83</b>	<b>1.41</b>	<b>0.74%</b>	<b>98.33%</b>
HST		0.13	24.62		0.13	24.81	0.18	0.74%	12.78%
<b>Total Bill (including HST)</b>			<b>214.04</b>			<b>215.63</b>	<b>1.59</b>	<b>0.74%</b>	<b>111.11%</b>
<b>Ontario Clean Energy Benefit (OCEB)</b>		-0.10	-21.40		-0.10	-21.56	-0.16	0.74%	-11.11%
<b>Total Bill on Two-Tier RPP (including OCEB)</b>			<b>192.64</b>			<b>194.07</b>	<b>1.43</b>	<b>0.74%</b>	<b>100.00%</b>



**2019 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,915	0.086	1,368.69	15,915	0.086	1,368.69	0.00	0.00%	39.81%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,368.69</b>			<b>1,368.69</b>	<b>0.00</b>	<b>0.00%</b>	<b>39.81%</b>
Service Charge	1	103.54	103.54	1	108.41	108.41	4.87	4.70%	3.15%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	2.72	2.72	1	6.88	6.88	4.16	152.94%	0.20%
Fixed Deferral/Variance Account Rider	1	0.69	0.69	1	0.71	0.71	0.02	2.90%	0.02%
Distribution Volumetric Rate	60	17.6167	1,057.00	60	18.8109	1,128.65	71.65	6.78%	32.83%
Volumetric Smoothing Rider	60	0.4624	27.74	60	1.1934	71.60	43.86	158.09%	2.08%
Volumetric Deferral/Variance Account Rider	60	0.0258	1.55	60	0.030	1.78	0.23	15.12%	0.05%
<b>Sub-Total: Distribution</b>			<b>1,193.24</b>			<b>1,318.04</b>	<b>124.80</b>	<b>10.46%</b>	<b>38.33%</b>
Retail Transmission Rate – Network Service Rate	60	1.6422	98.53	60	1.6422	98.53	0.00	0.00%	2.87%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.0516	63.10	60	1.0516	63.10	0.00	0.00%	1.84%
<b>Sub-Total: Retail Transmission</b>			<b>161.63</b>			<b>161.63</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.70%</b>
<b>Sub-Total: Delivery</b>			<b>1,354.87</b>			<b>1,479.67</b>	<b>124.80</b>	<b>9.21%</b>	<b>43.04%</b>
Wholesale Market Service Rate	15,915	0.0044	70.03	15,915	0.0044	70.03	0.00	0.00%	2.04%
Rural Rate Protection Charge	15,915	0.0012	19.10	15,915	0.0012	19.10	0.00	0.00%	0.56%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>89.37</b>			<b>89.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.60%</b>
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.05%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>2,917.94</b>			<b>3,042.73</b>	<b>124.80</b>	<b>4.28%</b>	<b>88.50%</b>
HST		0.13	379.33		0.13	395.56	16.22	4.28%	11.50%
<b>Total Bill (including HST)</b>			<b>3,297.27</b>			<b>3,438.29</b>	<b>141.02</b>	<b>4.28%</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>3,297.27</b>			<b>3,438.29</b>	<b>141.02</b>	<b>4.28%</b>	<b>100.00%</b>

**2019 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	37,135	0.086	3,193.61	37,135	0.086	3,193.61	0.00	0.00%	43.55%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>3,193.61</b>			<b>3,193.61</b>	<b>0.00</b>	<b>0.00%</b>	<b>43.55%</b>
Service Charge	1	103.54	103.54	1	108.41	108.41	4.87	4.70%	1.48%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	2.72	2.72	1	6.88	6.88	4.16	152.94%	0.09%
Fixed Deferral/Variance Account Rider	1	0.69	0.69	1	0.71	0.71	0.02	2.90%	0.01%
Distribution Volumetric Rate	120	17.6167	2,114.00	120	18.8109	2,257.31	143.30	6.78%	30.78%
Volumetric Smoothing Rider	120	0.4624	55.49	120	1.1934	143.21	87.72	158.09%	1.95%
Volumetric Deferral/Variance Account Rider	120	0.0258	3.10	120	0.0297	3.56	0.47	15.12%	0.05%
<b>Sub-Total: Distribution</b>			<b>2,279.54</b>			<b>2,520.08</b>	<b>240.54</b>	<b>10.55%</b>	<b>34.36%</b>
Retail Transmission Rate – Network Service Rate	120	1.6422	197.06	120	1.6422	197.06	0.00	0.00%	2.69%
Retail Transmission Rate – Line and Transformation Connection Service Rate	120	1.0516	126.19	120	1.0516	126.19	0.00	0.00%	1.72%
<b>Sub-Total: Retail Transmission</b>			<b>323.26</b>			<b>323.26</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.41%</b>
<b>Sub-Total: Delivery</b>			<b>2,602.79</b>			<b>2,843.34</b>	<b>240.54</b>	<b>9.24%</b>	<b>38.77%</b>
Wholesale Market Service Rate	37,135	0.0044	163.39	37,135	0.0044	163.39	0.00	0.00%	2.23%
Rural Rate Protection Charge	37,135	0.0012	44.56	37,135	0.0012	44.56	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>208.21</b>			<b>208.21</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.84%</b>
Debt Retirement Charge (DRC)	35,000	0.007	245.00	35,000	0.007	245.00	0.00	0.00%	3.34%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>6,249.61</b>			<b>6,490.15</b>	<b>240.54</b>	<b>3.85%</b>	<b>88.50%</b>
HST		0.13	812.45		0.13	843.72	31.27	3.85%	11.50%
<b>Total Bill (including HST)</b>			<b>7,062.06</b>			<b>7,333.87</b>	<b>271.81</b>	<b>3.85%</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>7,062.06</b>			<b>7,333.87</b>	<b>271.81</b>	<b>3.85%</b>	<b>100.00%</b>

**2019 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	185,675	0.086	15,968.05	185,675	0.086	15,968.05	0.00	0.00%	47.56%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>15,968.05</b>			<b>15,968.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.56%</b>
Service Charge	1	103.54	103.54	1	108.41	108.41	4.87	4.70%	0.32%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	2.72	2.72	1	6.88	6.88	4.16	152.94%	0.02%
Fixed Deferral/Variance Account Rider	1	0.69	0.69	1	0.71	0.71	0.02	2.90%	0.00%
Distribution Volumetric Rate	500	17.6167	8,808.35	500	18.8109	9,405.45	597.10	6.78%	28.01%
Volumetric Smoothing Rider	500	0.4624	231.20	500	1.1934	596.70	365.50	158.09%	1.78%
Volumetric Deferral/Variance Account Rider	500	0.0258	12.90	500	0.0297	14.85	1.95	15.12%	0.04%
<b>Sub-Total: Distribution</b>			<b>9,159.40</b>			<b>10,133.00</b>	<b>973.60</b>	<b>10.63%</b>	<b>30.18%</b>
Retail Transmission Rate – Network Service Rate	500	1.6422	821.10	500	1.6422	821.10	0.00	0.00%	2.45%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.0516	525.80	500	1.0516	525.80	0.00	0.00%	1.57%
<b>Sub-Total: Retail Transmission</b>			<b>1,346.90</b>			<b>1,346.90</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.01%</b>
<b>Sub-Total: Delivery</b>			<b>10,506.30</b>			<b>11,479.90</b>	<b>973.60</b>	<b>9.27%</b>	<b>34.19%</b>
Wholesale Market Service Rate	185,675	0.0044	816.97	185,675	0.0044	816.97	0.00	0.00%	2.43%
Rural Rate Protection Charge	185,675	0.0012	222.81	185,675	0.0012	222.81	0.00	0.00%	0.66%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,040.03</b>			<b>1,040.03</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.10%</b>
Debt Retirement Charge (DRC)	175,000	0.007	1,225.00	175,000	0.007	1,225.00	0.00	0.00%	3.65%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>28,739.38</b>			<b>29,712.98</b>	<b>973.60</b>	<b>3.39%</b>	<b>88.50%</b>
HST		0.13	3,736.12		0.13	3,862.69	126.57	3.39%	11.50%
<b>Total Bill (including HST)</b>			<b>32,475.50</b>			<b>33,575.67</b>	<b>1,100.17</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 Two-Tier RPP (including OCEB)</b>			<b>32,475.50</b>			<b>33,575.67</b>	<b>1,100.17</b>	<b>3.39%</b>	<b>100.00%</b>

**2019 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	15,750	0.086	1,354.50	15,750	0.086	1,354.50	0.00	0.00%	47.01%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>1,354.50</b>			<b>1,354.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>47.01%</b>
Service Charge	1	106.14	106.14	1	111.64	111.64	5.50	5.18%	3.88%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	2.79	2.79	1	7.08	7.08	4.29	153.76%	0.25%
Fixed Deferral/Variance Account Rider	1	0.71	0.71	1	0.73	0.73	0.02	2.82%	0.03%
Distribution Volumetric Rate	60	10.0451	602.71	60	10.7214	643.28	40.58	6.73%	22.33%
Volumetric Smoothing Rider	60	0.2637	15.82	60	0.6802	40.81	24.99	157.94%	1.42%
Volumetric Deferral/Variance Account Rider	60	-0.0376	-2.26	60	-0.0357	-2.14	0.11	-5.05%	-0.07%
<b>Sub-Total: Distribution</b>			<b>725.91</b>			<b>801.40</b>	<b>75.49</b>	<b>10.40%</b>	<b>27.82%</b>
Retail Transmission Rate – Network Service Rate	60	2.0526	123.16	60	2.0526	123.16	0.00	0.00%	4.27%
Retail Transmission Rate – Line and Transformation Connection Service Rate	60	1.2844	77.06	60	1.2844	77.06	0.00	0.00%	2.67%
<b>Sub-Total: Retail Transmission</b>			<b>200.22</b>			<b>200.22</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.95%</b>
<b>Sub-Total: Delivery</b>			<b>926.13</b>			<b>1,001.62</b>	<b>75.49</b>	<b>8.15%</b>	<b>34.77%</b>
Wholesale Market Service Rate	15,750	0.0044	69.30	15,750	0.0044	69.30	0.00	0.00%	2.41%
Rural Rate Protection Charge	15,750	0.0012	18.90	15,750	0.0012	18.90	0.00	0.00%	0.66%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>88.45</b>			<b>88.45</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.07%</b>
Debt Retirement Charge (DRC)	15,000	0.007	105.00	15,000	0.007	105.00	0.00	0.00%	3.64%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>2,474.08</b>			<b>2,549.57</b>	<b>75.49</b>	<b>3.05%</b>	<b>88.50%</b>
HST		0.13	321.63		0.13	331.44	9.81	3.05%	11.50%
<b>Total Bill (including HST)</b>			<b>2,795.71</b>			<b>2,881.02</b>	<b>85.31</b>	<b>3.05%</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>2,795.71</b>			<b>2,881.02</b>	<b>85.31</b>	<b>3.05%</b>	<b>100.00%</b>

**2019 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	36,750	0.086	3,160.50	36,750	0.086	3,160.50	0.00	0.00%	50.90%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>3,160.50</b>			<b>3,160.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>50.90%</b>
Service Charge	1	106.14	106.14	1	111.64	111.64	5.50	5.18%	1.80%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	2.79	2.79	1	7.08	7.08	4.29	153.76%	0.11%
Fixed Deferral/Variance Account Rider	1	0.71	0.71	1	0.73	0.73	0.02	2.82%	0.01%
Distribution Volumetric Rate	120	10.0451	1,205.41	120	10.7214	1,286.57	81.16	6.73%	20.72%
Volumetric Smoothing Rider	120	0.2637	31.64	120	0.6802	81.62	49.98	157.94%	1.31%
Volumetric Deferral/Variance Account Rider	120	-0.0376	-4.51	120	-0.0357	-4.28	0.23	-5.05%	-0.07%
<b>Sub-Total: Distribution</b>			<b>1,342.18</b>			<b>1,483.36</b>	<b>141.17</b>	<b>10.52%</b>	<b>23.89%</b>
Retail Transmission Rate – Network Service Rate	120	2.0526	246.31	120	2.0526	246.31	0.00	0.00%	3.97%
Retail Transmission Rate – Line and Transformation Connection Service Rate	120	1.2844	154.13	120	1.2844	154.13	0.00	0.00%	2.48%
<b>Sub-Total: Retail Transmission</b>			<b>400.44</b>			<b>400.44</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.45%</b>
<b>Sub-Total: Delivery</b>			<b>1,742.62</b>			<b>1,883.80</b>	<b>141.17</b>	<b>8.10%</b>	<b>30.34%</b>
Wholesale Market Service Rate	36,750	0.0044	161.70	36,750	0.0044	161.70	0.00	0.00%	2.60%
Rural Rate Protection Charge	36,750	0.0012	44.10	36,750	0.0012	44.10	0.00	0.00%	0.71%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>206.05</b>			<b>206.05</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.32%</b>
Debt Retirement Charge (DRC)	35,000	0.007	245.00	35,000	0.007	245.00	0.00	0.00%	3.95%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>5,354.17</b>			<b>5,495.35</b>	<b>141.17</b>	<b>2.64%</b>	<b>88.50%</b>
HST		0.13	696.04		0.13	714.40	18.35	2.64%	11.50%
<b>Total Bill (including HST)</b>			<b>6,050.22</b>			<b>6,209.74</b>	<b>159.53</b>	<b>2.64%</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>6,050.22</b>			<b>6,209.74</b>	<b>159.53</b>	<b>2.64%</b>	<b>100.00%</b>

**2019 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	183,750	0.086	15,802.50	183,750	0.086	15,802.50	0.00	0.00%	54.78%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>15,802.50</b>			<b>15,802.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>54.78%</b>
Service Charge	1	106.14	106.14	1	111.64	111.64	5.50	5.18%	0.39%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	2.79	2.79	1	7.08	7.08	4.29	153.76%	0.02%
Fixed Deferral/Variance Account Rider	1	0.71	0.71	1	0.73	0.73	0.02	2.82%	0.00%
Distribution Volumetric Rate	500	10.0451	5,022.55	500	10.7214	5,360.70	338.15	6.73%	18.58%
Volumetric Smoothing Rider	500	0.2637	131.85	500	0.6802	340.10	208.25	157.94%	1.18%
Volumetric Deferral/Variance Account Rider	500	-0.0376	-18.80	500	-0.0357	-17.85	0.95	-5.05%	-0.06%
<b>Sub-Total: Distribution</b>			<b>5,245.24</b>			<b>5,802.40</b>	<b>557.16</b>	<b>10.62%</b>	<b>20.11%</b>
Retail Transmission Rate – Network Service Rate	500	2.0526	1,026.30	500	2.0526	1,026.30	0.00	0.00%	3.56%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	1.2844	642.20	500	1.2844	642.20	0.00	0.00%	2.23%
<b>Sub-Total: Retail Transmission</b>			<b>1,668.50</b>			<b>1,668.50</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.78%</b>
<b>Sub-Total: Delivery</b>			<b>6,913.74</b>			<b>7,470.90</b>	<b>557.16</b>	<b>8.06%</b>	<b>25.90%</b>
Wholesale Market Service Rate	183,750	0.0044	808.50	183,750	0.0044	808.50	0.00	0.00%	2.80%
Rural Rate Protection Charge	183,750	0.0012	220.50	183,750	0.0012	220.50	0.00	0.00%	0.76%
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>1,029.25</b>			<b>1,029.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.57%</b>
Debt Retirement Charge (DRC)	175,000	0.007	1,225.00	175,000	0.007	1,225.00	0.00	0.00%	4.25%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>24,970.49</b>			<b>25,527.65</b>	<b>557.16</b>	<b>2.23%</b>	<b>88.50%</b>
HST		0.13	3,246.16		0.13	3,318.59	72.43	2.23%	11.50%
<b>Total Bill (including HST)</b>			<b>28,216.65</b>			<b>28,846.24</b>	<b>629.59</b>	<b>2.23%</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>28,216.65</b>			<b>28,846.24</b>	<b>629.59</b>	<b>2.23%</b>	<b>100.00%</b>

**2019 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	318	0.086	27.37	318	0.086	27.37	0.00	0.00%	5.49%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>27.37</b>			<b>27.37</b>	<b>0.00</b>	<b>0.00%</b>	<b>5.49%</b>
Service Charge	1	266.3	266.30	1	285.63	285.63	19.33	7.26%	57.31%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	6.99	6.99	1	18.12	18.12	11.13	159.23%	3.64%
Fixed Deferral/Variance Account Rider	1	2.31	2.31	1	2.42	2.42	0.11	4.76%	0.49%
Distribution Volumetric Rate	10	7.6646	76.65	10	8.8373	88.37	11.73	15.30%	17.73%
Volumetric Smoothing Rider	10	0.2012	2.01	10	0.5606	5.61	3.59	178.63%	1.12%
Volumetric Deferral/Variance Account Rider	10	0.037	0.37	10	0.0449	0.45	0.08	21.35%	0.09%
<b>Sub-Total: Distribution</b>			<b>354.63</b>			<b>400.60</b>	<b>45.97</b>	<b>12.96%</b>	<b>80.38%</b>
Retail Transmission Rate – Network Service Rate	10	0.5491	5.49	10	0.5491	5.49	0.00	0.00%	1.10%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10	0.3443	3.44	10	0.3443	3.44	0.00	0.00%	0.69%
<b>Sub-Total: Retail Transmission</b>			<b>8.93</b>			<b>8.93</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.79%</b>
<b>Sub-Total: Delivery</b>			<b>363.56</b>			<b>409.53</b>	<b>45.97</b>	<b>12.64%</b>	<b>82.17%</b>
Wholesale Market Service Rate	318	0.0044	1.40	318	0.0044	1.40	0.00	0.00%	0.28%
Rural Rate Protection Charge	318	0.0012	0.38	318	0.0012	0.38	0.00	0.00%	0.08%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.05%
<b>Sub-Total: Regulatory</b>			<b>2.03</b>			<b>2.03</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.41%</b>
Debt Retirement Charge (DRC)	300	0.007	2.10	300	0.007	2.10	0.00	0.00%	0.42%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>395.07</b>			<b>441.04</b>	<b>45.97</b>	<b>11.64%</b>	<b>88.50%</b>
HST		0.13	51.36		0.13	57.33	5.98	11.64%	11.50%
<b>Total Bill (including HST)</b>			<b>446.43</b>			<b>498.37</b>	<b>51.95</b>	<b>11.64%</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>446.43</b>			<b>498.37</b>	<b>51.95</b>	<b>11.64%</b>	<b>100.00%</b>

**2019 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	2,122	0.086	182.49	2,122	0.086	182.49	0.00	0.00%	22.38%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>182.49</b>			<b>182.49</b>	<b>0.00</b>	<b>0.00%</b>	<b>22.38%</b>
Service Charge	1	266.3	266.30	1	285.63	285.63	19.33	7.26%	35.03%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	6.99	6.99	1	18.12	18.12	11.13	159.23%	2.22%
Fixed Deferral/Variance Account Rider	1	2.31	2.31	1	2.42	2.42	0.11	4.76%	0.30%
Distribution Volumetric Rate	20	7.6646	153.29	20	8.8373	176.75	23.45	15.30%	21.68%
Volumetric Smoothing Rider	20	0.2012	4.02	20	0.5606	11.21	7.19	178.63%	1.38%
Volumetric Deferral/Variance Account Rider	20	0.037	0.74	20	0.0449	0.90	0.16	21.35%	0.11%
<b>Sub-Total: Distribution</b>			<b>433.66</b>			<b>495.03</b>	<b>61.37</b>	<b>14.15%</b>	<b>60.72%</b>
Retail Transmission Rate – Network Service Rate	20	0.5491	10.98	20	0.5491	10.98	0.00	0.00%	1.35%
Retail Transmission Rate – Line and Transformation Connection Service Rate	20	0.3443	6.89	20	0.3443	6.89	0.00	0.00%	0.84%
<b>Sub-Total: Retail Transmission</b>			<b>17.87</b>			<b>17.87</b>	<b>0.00</b>	<b>0.00%</b>	<b>2.19%</b>
<b>Sub-Total: Delivery</b>			<b>451.52</b>			<b>512.89</b>	<b>61.37</b>	<b>13.59%</b>	<b>62.91%</b>
Wholesale Market Service Rate	2,122	0.0044	9.34	2,122	0.0044	9.34	0.00	0.00%	1.15%
Rural Rate Protection Charge	2,122	0.0012	2.55	2,122	0.0012	2.55	0.00	0.00%	0.31%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.03%
<b>Sub-Total: Regulatory</b>			<b>12.13</b>			<b>12.13</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.49%</b>
Debt Retirement Charge (DRC)	2,000	0.007	14.00	2,000	0.007	14.00	0.00	0.00%	1.72%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>660.15</b>			<b>721.52</b>	<b>61.37</b>	<b>9.30%</b>	<b>88.50%</b>
HST		0.13	85.82		0.13	93.80	7.98	9.30%	11.50%
<b>Total Bill (including HST)</b>			<b>745.97</b>			<b>815.32</b>	<b>69.35</b>	<b>9.30%</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>745.97</b>			<b>815.32</b>	<b>69.35</b>	<b>9.30%</b>	<b>100.00%</b>



**2019 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	5,305	0.086	456.23	5,305	0.086	456.23	0.00	0.00%	21.70%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>456.23</b>			<b>456.23</b>	<b>0.00</b>	<b>0.00%</b>	<b>21.70%</b>
Service Charge	1	266.3	266.30	1	285.63	285.63	19.33	7.26%	13.58%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	6.99	6.99	1	18.12	18.12	11.13	159.23%	0.86%
Fixed Deferral/Variance Account Rider	1	2.31	2.31	1	2.42	2.42	0.11	4.76%	0.12%
Distribution Volumetric Rate	100	7.6646	766.46	100	8.8373	883.73	117.27	15.30%	42.02%
Volumetric Smoothing Rider	100	0.2012	20.12	100	0.5606	56.06	35.94	178.63%	2.67%
Volumetric Deferral/Variance Account Rider	100	0.037	3.70	100	0.0449	4.49	0.79	21.35%	0.21%
<b>Sub-Total: Distribution</b>			<b>1,065.88</b>			<b>1,250.45</b>	<b>184.57</b>	<b>17.32%</b>	<b>59.46%</b>
Retail Transmission Rate – Network Service Rate	100	0.5491	54.91	100	0.5491	54.91	0.00	0.00%	2.61%
Retail Transmission Rate – Line and Transformation Connection Service Rate	100	0.3443	34.43	100	0.3443	34.43	0.00	0.00%	1.64%
<b>Sub-Total: Retail Transmission</b>			<b>89.34</b>			<b>89.34</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.25%</b>
<b>Sub-Total: Delivery</b>			<b>1,155.22</b>			<b>1,339.79</b>	<b>184.57</b>	<b>15.98%</b>	<b>63.71%</b>
Wholesale Market Service Rate	5,305	0.0044	23.34	5,305	0.0044	23.34	0.00	0.00%	1.11%
Rural Rate Protection Charge	5,305	0.0012	6.37	5,305	0.0012	6.37	0.00	0.00%	0.30%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
<b>Sub-Total: Regulatory</b>			<b>29.96</b>			<b>29.96</b>	<b>0.00</b>	<b>0.00%</b>	<b>1.42%</b>
Debt Retirement Charge (DRC)	5,000	0.007	35.00	5,000	0.007	35.00	0.00	0.00%	1.66%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>1,676.41</b>			<b>1,860.98</b>	<b>184.57</b>	<b>11.01%</b>	<b>88.50%</b>
HST		0.13	217.93		0.13	241.93	23.99	11.01%	11.50%
<b>Total Bill (including HST)</b>			<b>1,894.34</b>			<b>2,102.91</b>	<b>208.56</b>	<b>11.01%</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 Two-Tier RPP (including OCEB)</b>			<b>1,894.34</b>			<b>2,102.91</b>	<b>208.56</b>	<b>11.01%</b>	<b>100.00%</b>

**2019 Bill Impacts (Low Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	206,800	0.086	17,784.80	206,800	0.086	17,784.80	0.00	0.00%	61.13%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>17,784.80</b>			<b>17,784.80</b>	<b>0.00</b>	<b>0.00%</b>	<b>61.13%</b>
Service Charge	1	1314.53	1,314.53	1	1364.86	1,364.86	50.33	3.83%	4.69%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	26.4	26.40	1	66.06	66.06	39.66	150.23%	0.23%
Fixed Deferral/Variance Account Rider	1	6.64	6.64	1	6.7	6.70	0.06	0.90%	0.02%
Distribution Volumetric Rate	500	1.3849	692.45	500	1.4552	727.60	35.15	5.08%	2.50%
Volumetric Smoothing Rider	500	0.0388	19.40	500	0.0981	49.05	29.65	152.84%	0.17%
Volumetric Deferral/Variance Account Rider	500	0.1876	93.80	500	0.1882	94.10	0.30	0.32%	0.32%
<b>Sub-Total: Distribution</b>			<b>2,153.22</b>			<b>2,308.37</b>	<b>155.15</b>	<b>7.21%</b>	<b>7.93%</b>
Retail Transmission Rate – Network Service Rate	500	3.5654	1,782.70	500	3.5654	1,782.70	0.00	0.00%	6.13%
Retail Transmission Rate – Line and Transformation Connection Service Rate	500	2.6212	1,310.60	500	2.6212	1,310.60	0.00	0.00%	4.51%
<b>Sub-Total: Retail Transmission</b>			<b>3,093.30</b>			<b>3,093.30</b>	<b>0.00</b>	<b>0.00%</b>	<b>10.63%</b>
<b>Sub-Total: Delivery</b>			<b>5,246.52</b>			<b>5,401.67</b>	<b>155.15</b>	<b>2.96%</b>	<b>18.57%</b>
Wholesale Market Service Rate	206,800	0.0044	909.92	206,800	0.0044	909.92	0.00	0.00%	3.13%
Rural Rate Protection Charge	206,800	0.0012	248.16	206,800	0.0012	248.16	0.00	0.00%	0.85%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>1,158.33</b>			<b>1,158.33</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.98%</b>
Debt Retirement Charge (DRC)	200,000	0.007	1,400.00	200,000	0.007	1,400.00	0.00	0.00%	4.81%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>25,589.65</b>			<b>25,744.80</b>	<b>155.15</b>	<b>0.61%</b>	<b>88.50%</b>
HST		0.13	3,326.65		0.13	3,346.82	20.17	0.61%	11.50%
<b>Total Bill (including HST)</b>			<b>28,916.30</b>			<b>29,091.62</b>	<b>175.32</b>	<b>0.61%</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>28,916.30</b>			<b>29,091.62</b>	<b>175.32</b>	<b>0.61%</b>	<b>100.00%</b>

**2019 Bill Impacts (Typical Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	517,000	0.086	44,462.00	517,000	0.086	44,462.00	0.00	0.00%	65.34%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>44,462.00</b>			<b>44,462.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>65.34%</b>
Service Charge	1	1314.53	1,314.53	1	1364.86	1,364.86	50.33	3.83%	2.01%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	26.4	26.40	1	66.06	66.06	39.66	150.23%	0.10%
Fixed Deferral/Variance Account Rider	1	6.64	6.64	1	6.7	6.70	0.06	0.90%	0.01%
Distribution Volumetric Rate	1,000	1.3849	1,384.90	1,000	1.4552	1,455.20	70.30	5.08%	2.14%
Volumetric Smoothing Rider	1,000	0.0388	38.80	1,000	0.0981	98.10	59.30	152.84%	0.14%
Volumetric Deferral/Variance Account Rider	1,000	0.1876	187.60	1,000	0.1882	188.20	0.60	0.32%	0.28%
<b>Sub-Total: Distribution</b>			<b>2,958.87</b>			<b>3,179.12</b>	<b>220.25</b>	<b>7.44%</b>	<b>4.67%</b>
Retail Transmission Rate – Network Service Rate	1,000	3.5654	3,565.40	1,000	3.5654	3,565.40	0.00	0.00%	5.24%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,000	2.6212	2,621.20	1,000	2.6212	2,621.20	0.00	0.00%	3.85%
<b>Sub-Total: Retail Transmission</b>			<b>6,186.60</b>			<b>6,186.60</b>	<b>0.00</b>	<b>0.00%</b>	<b>9.09%</b>
<b>Sub-Total: Delivery</b>			<b>9,145.47</b>			<b>9,365.72</b>	<b>220.25</b>	<b>2.41%</b>	<b>13.76%</b>
Wholesale Market Service Rate	517,000	0.0044	2,274.80	517,000	0.0044	2,274.80	0.00	0.00%	3.34%
Rural Rate Protection Charge	517,000	0.0012	620.40	517,000	0.0012	620.40	0.00	0.00%	0.91%
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>2,895.45</b>			<b>2,895.45</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.25%</b>
Debt Retirement Charge (DRC)	500,000	0.007	3,500.00	500,000	0.007	3,500.00	0.00	0.00%	5.14%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>60,002.92</b>			<b>60,223.17</b>	<b>220.25</b>	<b>0.37%</b>	<b>88.50%</b>
HST		0.13	7,800.38		0.13	7,829.01	28.63	0.37%	11.50%
<b>Total Bill (including HST)</b>			<b>67,803.30</b>			<b>68,052.18</b>	<b>248.88</b>	<b>0.37%</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 Two-Tier RPP (including OCEB)</b>			<b>67,803.30</b>			<b>68,052.18</b>	<b>248.88</b>	<b>0.37%</b>	<b>100.00%</b>

**2019 Bill Impacts (High Consumption Level)**

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

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	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	4,136,000	0.086	355,696.00	4,136,000	0.086	355,696.00	0.00	0.00%	64.56%
Energy Second Tier (kWh)	0	0.101	0.00	0	0.101	0.00	0.00	0.00%	0.00%
<b>Sub-Total: Energy (RPP)</b>			<b>355,696.00</b>			<b>355,696.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>64.56%</b>
Service Charge	1	1314.53	1,314.53	1	1364.86	1,364.86	50.33	3.83%	0.25%
Smart Meter Adder	1	0	0.00	1	0	0.00	0.00	0.00%	0.00%
Fixed Smoothing Rider	1	26.4	26.40	1	66.06	66.06	39.66	150.23%	0.01%
Fixed Deferral/Variance Account Rider	1	6.64	6.64	1	6.7	6.70	0.06	0.90%	0.00%
Distribution Volumetric Rate	10,000	1.3849	13,849.00	10,000	1.4552	14,552.00	703.00	5.08%	2.64%
Volumetric Smoothing Rider	10,000	0.0388	388.00	10,000	0.0981	981.00	593.00	152.84%	0.18%
Volumetric Deferral/Variance Account Rider	10,000	0.1876	1,876.00	10,000	0.1882	1,882.00	6.00	0.32%	0.34%
<b>Sub-Total: Distribution</b>			<b>17,460.57</b>			<b>18,852.62</b>	<b>1,392.05</b>	<b>7.97%</b>	<b>3.42%</b>
Retail Transmission Rate – Network Service Rate	10,000	3.5654	35,654.00	10,000	3.5654	35,654.00	0.00	0.00%	6.47%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,000	2.6212	26,212.00	10,000	2.6212	26,212.00	0.00	0.00%	4.76%
<b>Sub-Total: Retail Transmission</b>			<b>61,866.00</b>			<b>61,866.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>11.23%</b>
<b>Sub-Total: Delivery</b>			<b>79,326.57</b>			<b>80,718.62</b>	<b>1,392.05</b>	<b>1.75%</b>	<b>14.65%</b>
Wholesale Market Service Rate	4,136,000	0.0044	18,198.40	4,136,000	0.0044	18,198.40	0.00	0.00%	3.30%
Rural Rate Protection Charge	4,136,000	0.0012	4,963.20	4,136,000	0.0012	4,963.20	0.00	0.00%	0.90%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
<b>Sub-Total: Regulatory</b>			<b>23,161.85</b>			<b>23,161.85</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.20%</b>
Debt Retirement Charge (DRC)	4,000,000	0.007	28,000.00	4,000,000	0.007	28,000.00	0.00	0.00%	5.08%
<b>Total Bill on Two-Tier RPP (before Taxes)</b>			<b>486,184.42</b>			<b>487,576.47</b>	<b>1,392.05</b>	<b>0.29%</b>	<b>88.50%</b>
HST		0.13	63,203.97		0.13	63,384.94	180.97	0.29%	11.50%
<b>Total Bill (including HST)</b>			<b>549,388.39</b>			<b>550,961.41</b>	<b>1,573.02</b>	<b>0.29%</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>549,388.39</b>			<b>550,961.41</b>	<b>1,573.02</b>	<b>0.29%</b>	<b>100.00%</b>

## **MISCELLANEOUS CHARGES**

### **1.0 INTRODUCTION**

Miscellaneous Charges are charges for specific services over and above the standard level of service. Each service has an approved fixed rate charged to a customer for a specific activity, or as a penalty, as in the case of late payment charges.

A description of the current services and their proposed 2015-2019 rates can be found in Schedule 11-1 below. The rates for any service not covered in Schedule 11-1, but included in the Schedule 11-1 that is part of the 2006 Electricity Distribution Rate Handbook (the Handbook) issued in May 2005 have been reviewed and are acceptable to Hydro One Distribution. The description for rate codes 1-14 listed in Schedule 11-1 below can be found in the Handbook.

As required by the Handbook, Schedule 11-1 identifies the basis for determining the proposed rates. Schedule 11-2 details the methodology used to determine the rates not specifically set by the Handbook. The rate of each service is based on average elapsed hours required to carry out the work, as well as burdened labour rates, vehicle costs, and material. Schedule 11-3 summarizes the rates and historical volumes along with 2015-2019 forecasted volumes and projected revenues/capital contributions for each service.

**Schedule 11-1: Specific Service Charges: Standard Amounts**  
**Table 1**

Rate Code	Specific Service Charge Standard Name	Calculation Method	Currently Approved Rate	2015 Charge	2016 Charge	2017 Charge	2018 Charge	2019 Charge
1	Temporary Service	2006 Rate Handbook	\$500	\$500	\$500	\$500	\$500	\$500
2	Dispute Meter Test		\$30 plus Measurement Canada fees	\$30 plus Measurement Canada fees	\$30 plus Measurement Canada fees	\$30 plus Measurement Canada fees	\$30 plus Measurement Canada fees	\$30 plus Measurement Canada fees
3	Collection of account – no disconnection/load limiter		\$30	\$30	\$30	\$30	\$30	\$30
4	Collection/Disconnect/load limiter/reconnect (at meter) trip – regular hours		\$65	\$65	\$65	\$65	\$65	\$65
5	Collection/Disconnect/load limiter/reconnect (at meter) trip – after regular hours		\$185	\$185	\$185	\$185	\$185	\$185
6	Collection/Disconnect/load limiter/reconnect (at pole) trip – regular hours		\$185	\$185	\$185	\$185	\$185	\$185
7	Collection/Disconnect/load limiter/reconnect (at pole) trip – after regular hours		\$415	\$415	\$415	\$415	\$415	\$415
8	Account Set-up Charge		\$30	\$30	\$30	\$30	\$30	\$30
9	Arrears Certificate		\$15	\$15	\$15	\$15	\$15	\$15

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Rate Code	Specific Service Charge Standard Name	Calculation Method	Currently Approved Rate	2015 Charge	2016 Charge	2017 Charge	2018 Charge	2019 Charge
10	NSF Cheque Charge		\$15	\$15	\$15	\$15	\$15	\$15
11	Easement Charge for Unregistered Rights		\$15	\$15	\$15	\$15	\$15	\$15
12	Late Payment Charge		1.5%/month	1.5%/month	1.5%/month	1.5%/month	1.5%/month	1.5%/month
13a	Retailer Services – Establishing Service Agreements (refer to Handbook for all charges)		\$100/agreement/Retailer +\$20/month/Retailer +\$0.50/month/customer + other	\$100/agreement/Retailer +\$20/month/Retailer +\$0.50/month/customer + other	\$100/agreement/Retailer +\$20/month/Retailer +\$0.50/month/customer + other	\$100/agreement/Retailer +\$20/month/Retailer +\$0.50/month/customer + other	\$100/agreement/Retailer +\$20/month/Retailer +\$0.50/month/customer + other	\$100/agreement/Retailer +\$20/month/Retailer +\$0.50/month/customer + other
13b	Retailer Services – Other (includes Bill Ready for Retailers and Service Transactions Requests) as per the Handbook, Chapter 12		\$0.30/month/customer + \$0.25/request for request fee + \$0.50/request for process fee	\$0.30/month/customer + \$0.25/request for request fee + \$0.50/request for process fee	\$0.30/month/customer + \$0.25/request for request fee + \$0.50/request for process fee	\$0.30/month/customer + \$0.25/request for request fee + \$0.50/request for process fee	\$0.30/month/customer + \$0.25/request for request fee + \$0.50/request for process fee	\$0.30/month/customer + \$0.25/request for request fee + \$0.50/request for process fee
14	Special Meter Reads	Standard Formula	\$30	\$30	\$30	\$30	\$30	\$30
15	Service Layout Fee – Basic		\$562	\$630	\$635	\$640	\$645	\$650
16	Service Layout Fee – Complex		\$750	\$835	\$845	\$850	\$860	\$865
17	Crossing Application - Pipeline		\$2,600	\$2,510	\$2,540	\$2,555	\$2,585	\$2,600

Rate Code	Specific Service Charge Standard Name	Calculation Method	Currently Approved Rate	2015 Charge	2016 Charge	2017 Charge	2018 Charge	2019 Charge
18	Crossing Application – Water		\$2,960	\$3,190	\$3,225	\$3,250	\$3,285	\$3,305
19	Crossing Application – Railroad		\$3,100	\$6,060	\$6,095	\$6,120	\$6,155	\$6,180
20	Line Staking – per meter		\$3.75	\$4.90	\$4.95	\$4.95	\$5.00	\$5.05
21	Central Metering – New service < 45 kW		\$115	\$120	\$120	\$120	\$120	\$120
22	Conversion to Central Metering < 45 kW		\$935	\$1,035	\$1,045	\$1,050	\$1,060	\$1,065
23	Conversion to Central Metering > 45 kW		\$815	\$915	\$925	\$930	\$940	\$945
24	Tingle/Stray Voltage Test – In Excess of 4 Hours (per hour – average 2 additional hours)		\$125	\$140	\$140	\$140	\$145	\$145
25	Standby Administration Charge per month		\$480	\$515	\$520	\$520	\$525	\$530
26a	Connection Impact Assessment (CIA) Capacity Allocation Exempt Small DG, Small DG and Net Metering		\$10,335	\$5,580	\$5,620	\$5,655	\$5,695	\$5,735
26b	Connection Impact Assessment (CIA) Greater than Capacity Allocation Exempt Small DG, Small DG and Net Metering		\$10,405	\$11,985	\$12,055	\$12,130	\$12,205	\$12,280



Rate Code	Specific Service Charge Standard Name	Calculation Method	Currently Approved Rate	2015 Charge	2016 Charge	2017 Charge	2018 Charge	2019 Charge
27	Sentinel Lights Rental Rate per month		\$7.10	\$8.97	\$9.25	\$9.51	\$9.76	\$10.02
28	Sentinel Lights Pole Rental Rate per month	Other Formula	\$4.15	\$4.15	\$4.15	\$4.15	\$4.15	\$4.15
29	Joint Use for Telecommunications companies per pole		\$22.35	\$37.05	\$37.42	\$37.80	\$38.18	\$38.56
30	Joint Use for Generators per pole (for 10 feet of pole only) See Table 18		\$28.40	\$46.88	\$47.34	\$47.82	\$48.30	\$48.78
31	Joint Use for LDCs per pole pole (for 10 feet of pole only) See Table 17		28.61	\$46.88	\$47.34	\$47.82	\$48.30	\$48.78
32	Joint Use for Municipality Streetlights		\$2.04	\$2.04	\$2.04	\$2.04	\$2.04	\$2.04

### Table 2: Service Layout Fee – Basic

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### Table 4: Crossing Application – Pipeline

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Unit	Calculated Total	Total Labour	Other Description	Rate Amount	Hours /Unit	Calculated Total	Total Other	Total	Rounded Total
2018	17	Crossing Application - Pipeline	Direct Labour - ADET	\$81.12	18	\$1,460.16	\$2,340.05	Small Vehicle Time	\$13.50	18	\$243.00	\$243.00	\$2,583.05	\$2,585.00
			Direct Labour - Drafting	\$101.71	0	\$0.00		Materials	\$0.00	-	-	-		
			Payroll Burden	60.26%	-	\$879.89								
2019	17	Crossing Application - Pipeline	Direct Labour - ADET	\$81.91	18	\$1,474.38	\$2,357.98	Small Vehicle Time	\$13.50	18	\$243.00	\$243.00	\$2,600.98	\$2,600.00
			Direct Labour - Drafting	\$102.54	0	\$0.00		Materials	\$0.00	-	-	-		
			Payroll Burden	59.93%	-	\$883.60								

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**Table 5: Crossing Application - Water**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Unit	Calculated Total	Total Labour	Other Description	Rate Amount	Hours /Unit	Calculated Total	Total Other	Total	Rounded Total
2015	18	Crossing Application - Water	Direct Labour - ADET	\$76.71	20.54	\$1,575.62	\$2,608.60	Small Vehicle Time	\$12.50	20.54	\$256.75	\$583.89	\$3,192.49	\$3,190.00
			Direct Labour - Drafting	\$96.64	0	\$0.00		Utility Boat	\$41.00	5.54	\$227.14			
			Payroll Burden	65.56%	-	\$1,032.98		Materials	\$100.00	-	-			
2016	18	Crossing Application - Water	Direct Labour - ADET	\$78.69	20.54	\$1,616.29	\$2,629.06	Small Vehicle Time	\$13.00	20.54	\$267.02	\$596.93	\$3,225.99	\$3,225.00
			Direct Labour - Drafting	\$98.98	0	\$0.00		Utility Boat	\$41.50	5.54	\$229.91			
			Payroll Burden	62.66%	-	\$1,012.77		Materials	\$100.00	-	-			
2017	18	Crossing Application - Water	Direct Labour - ADET	\$80.70	20.54	\$1,657.58	\$2,649.64	Small Vehicle Time	\$13.00	20.54	\$267.02	\$599.70	\$3,249.34	\$3,250.00
			Direct Labour - Drafting	\$101.35	0	\$0.00		Utility Boat	\$42.00	5.54	\$232.68			
			Payroll Burden	59.85%	-	\$992.06		Materials	\$100.00	-	-			
2018	18	Crossing Application - Water	Direct Labour - ADET	\$81.12	20.54	\$1,666.20	\$2,670.26	Small Vehicle Time	\$13.50	20.54	\$277.29	\$612.74	\$3,283.00	\$3,285.00
			Direct Labour - Drafting	\$101.71	0	\$0.00		Utility Boat	\$42.50	5.54	\$235.45			
			Payroll Burden	60.26%	-	\$1,004.06		Materials	\$100.00	-	-			

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Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Unit	Calculated Total	Total Labour	Other Description	Rate Amount	Hours /Unit	Calculated Total	Total Other	Total	Rounded Total
2019	18	Crossing Application - Water	Direct Labour - ADET	\$81.91	20.54	\$1,682.43	\$2,690.71	Small Vehicle Time	\$13.50	20.54	\$277.29	\$615.51	\$3,306.22	\$3,305.00
			Direct Labour - Drafting	\$102.54	0	\$0.00		Utility Boat	\$43.00	5.54	\$238.22			
			Payroll Burden	59.93%	-	\$1,008.28		Materials	\$100.00	-	-			

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### Table 6: Crossing Application – Railway

The material costs are the application and/or approval fees charged by the Railway Companies. The material costs vary depending on the Railway Company involved. The \$2,300.00 represents an average of actual flow through charges to Hydro One.

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours /Unit	Calculated Total	Total Labour	Other Description	Rate Amount	Hours /Unit	Calculated Total	Total Other	Total	Rounded Total
2015	19	Crossing Application - Railway	Direct Labour - ADET	\$76.71	15.77	\$1,209.72	\$3,564.79	Small Vehicle Time	\$12.50	15.77	\$197.13	\$2,497.13	\$6,061.92	\$6,060.00
			Direct Labour - Engineer	\$103.89	3.5	\$363.62								
			Direct Labour- Drafting	\$96.64	6	\$579.84		Materials	\$2,300.00	-	-			
			Payroll Burden	65.56%	-	\$1,411.62								
2016	19	Crossing Application - Railway	Direct Labour - ADET	\$78.69	15.77	\$1,240.94	\$3,590.04	Small Vehicle Time	\$13.00	15.77	\$205.01	\$2,505.01	\$6,095.05	\$6,095.00
			Direct Labour- Engineer	\$106.36	3.5	\$372.26								
			Direct Labour - Drafting	\$98.98	6	\$593.88		Materials	\$2,300.00	-	-			
			Payroll Burden	62.66%	-	\$1,382.96								
2017	19	Crossing Application - Railway	Direct Labour - ADET	\$80.70	15.77	\$1,272.64	\$3,615.35	Small Vehicle Time	\$13.00	15.77	\$205.01	\$2,505.01	\$6,120.36	\$6,120.00
			Direct Labour- Engineer	\$108.85	3.5	\$380.98								
			Direct Labour - Drafting	\$101.35	6	\$608.10		Materials	\$2,300.00	-	-			
			Payroll Burden	59.85%	-	\$1,353.64								



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Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours /Unit	Calculated Total	Total Labour	Other Description	Rate Amount	Hours /Unit	Calculated Total	Total Other	Total	Rounded Total
2018	19	Crossing Application – Railway	Direct Labour - ADET	\$81.12	15.77	\$1,279.26	\$3,640.66	Small Vehicle Time	\$13.50	15.77	\$212.90	\$2,512.90	\$6,153.56	\$6,155.00
			Direct Labour-Engineer	\$109.20	3.5	\$382.20								
			Direct Labour - Drafting	\$101.71	6	\$610.26		Materials	\$2,300.00	-	-			
			Payroll Burden	60.26%	-	\$1,368.94								
2019	19	Crossing Application - Railway	Direct Labour - ADET	\$81.91	15.77	\$1,291.72	\$3,665.81	Small Vehicle Time	\$13.50	15.77	\$212.90	\$2,512.90	\$6,178.71	\$6,180.00
			Direct Labour-Engineer	\$110.05	3.5	\$385.18								
			Direct Labour - Drafting	\$102.54	6	\$615.24		Materials	\$2,300.00	-	-			
			Payroll Burden	59.93%	-	\$1,373.68								

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**Table 8: Central Metering New Service < 45 kW**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Unit	Calculated Total	Total Labour	Other Description	Rate Amount	Hours/Unit	Calculated Total	Total Other	Total	Rounded Total
2015	21	Central Metering - New Service < 45 kW	-	-	-	-	0	Material	\$120.00	-	-	0	\$120.00	\$120.00
2016	21	Central Metering - New Service < 45 kW	-	-	-	-	0	Material	\$120.00	-	-	0	\$120.00	\$120.00
2017	21	Central Metering - New Service < 45 kW	-	-	-	-	0	Material	\$120.00	-	-	0	\$120.00	\$120.00
2018	21	Central Metering - New Service < 45 kW	-	-	-	-	0	Material	\$120.00	-	-	0	\$120.00	\$120.00
2019	21	Central Metering - New Service < 45 kW	-	-	-	-	0	Material	\$120.00	-	-	0	\$120.00	\$120.00

**Table 9: Conversion to Central Metering < 45 kW**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours /Unit	Calculated Total	Total Labour	Other Description	Rate Amount	Hours /Unit	Calculated Total	Total Other	Total	Rounded Total
2015	22	Conversion to Central Metering < 45 kW	Direct Labour - Clerical	\$71.27	0.44	\$31.36	\$777.06	Large Vehicle Time	\$65.00	1.59	\$103.35	\$257.48	\$1,034.54	\$1,035.00
			Direct Labour - PLM	\$71.88	3.18	\$228.58		Small Vehicle Time	\$12.50	2.73	\$34.13			
			Direct Labour - ADET	\$76.71	2.73	\$209.42		Material	-	-	\$120.00			
			Payroll Burden	65.56%	-	\$307.71								
2016	22	Conversion to Central Metering < 45 kW	Direct Labour - Clerical	\$73.16	0.44	\$32.19	\$783.37	Large Vehicle Time	\$65.50	1.59	\$104.15	\$259.64	\$1,043.01	\$1,045.00
			Direct Labour - PLM	\$73.77	3.18	\$234.59		Small Vehicle Time	\$13.00	2.73	\$35.49			
			Direct Labour - ADET	\$78.69	2.73	\$214.82		Material	-	-	\$120.00			
			Payroll Burden	62.66%	-	\$301.77								
2017	22	Conversion to Central Metering < 45 kW	Direct Labour - Clerical	\$75.07	0.44	\$33.03	\$789.77	Large Vehicle Time	\$66.00	1.59	\$104.94	\$260.43	\$1,050.20	\$1,050.00
			Direct Labour - PLM	\$75.70	3.18	\$240.73		Small Vehicle Time	\$13.00	2.73	\$35.49			
			Direct Labour - ADET	\$80.70	2.73	\$220.31		Material	-	-	\$120.00			
			Payroll Burden	59.85%	-	\$295.70								
2018	22	Conversion to Central Metering < 45 kW	Direct Labour - Clerical	\$75.50	0.44	\$33.22	\$796.13	Large Vehicle Time	\$66.50	1.59	\$105.74	\$262.59	\$1,058.72	\$1,060.00
			Direct Labour - PLM	\$76.13	3.18	\$242.09		Small Vehicle Time	\$13.50	2.73	\$36.86			
			Direct Labour - ADET	\$81.12	2.73	\$221.46		Material	-	-	\$120.00			
			Payroll Burden	60.26%	-	\$299.35								

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Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours /Unit	Calculated Total	Total Labour	Other Description	Rate Amount	Hours /Unit	Calculated Total	Total Other	Total	Rounded Total
2019	22	Conversion to Central Metering < 45 kW	Direct Labour - Clerical	\$76.28	0.44	\$33.56	\$802.45	Large Vehicle Time	\$67.00	1.59	\$106.53	\$263.39	\$1,065.84	\$1,065.00
			Direct Labour - PLM	\$76.91	3.18	\$244.57		Small Vehicle Time	\$13.50	2.73	\$36.86			
			Direct Labour - ADET	\$81.91	2.73	\$223.61		Material	-	-	\$120.00			
			Payroll Burden	59.93%	-	\$300.70								

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Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours /Unit	Calculated Total	Total Labour	Other Description	Rate Amount	Hours /Unit	Calculated Total	Total Other	Total	Rounded Total
2019	23	Conversion to Central Metering > 45 kW	Direct Labour - Clerical	\$76.28	0.44	\$33.56	\$802.45	Large Vehicle Time	\$67.00	1.59	\$106.53	\$143.39	\$945.84	\$945.00
			Direct Labour - PLM	\$76.91	3.18	\$244.57		Small Vehicle Time	\$13.50	2.73	\$36.86			
			Direct Labour - ADET	\$81.91	2.73	\$223.61								
			Payroll Burden	59.93%	-	\$300.70								

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**Table 11: Tingle Voltage (in excess of 4 hours)**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours/Unit	Calculated Total	Total Labour	Other Description	Rate Amount	Hours /Unit	Calculated Total	Total Other	Total	Rounded Total
2015	24	Tingle Voltage - in excess of 4 hours	Direct Labour - ADET	\$76.71	1	\$76.71	\$127.00	Small Vehicle Time	\$12.50	1	\$12.50	\$12.50	\$139.50	\$140.00 per hour
			Payroll Burden	65.56%	-	\$50.29								
2016	24	Tingle Voltage - in excess of 4 hours	Direct Labour - ADET	\$78.69	1	\$78.69	\$128.00	Small Vehicle Time	\$13.00	1	\$13.00	\$13.00	\$141.00	\$140.00 per hour
			Payroll Burden	62.66%	-	\$49.31								
2017	24	Tingle Voltage - in excess of 4 hours	Direct Labour - ADET	\$80.70	1	\$80.70	\$129.00	Small Vehicle Time	\$13.00	1	\$13.00	\$13.00	\$142.00	\$140.00 per hour
			Payroll Burden	59.85%	-	\$48.30								
2018	24	Tingle Voltage - in excess of 4 hours	Direct Labour - ADET	\$81.12	1	\$81.12	\$130.00	Small Vehicle Time	\$13.50	1	\$13.50	\$13.50	\$143.50	\$145.00 per hour
			Payroll Burden	60.26%	-	\$48.88								
2019	24	Tingle Voltage - in excess of 4 hours	Direct Labour - ADET	\$81.91	1	\$81.91	\$131.00	Small Vehicle Time	\$13.50	1	\$13.50	\$13.50	\$144.50	\$145.00 per hour
			Payroll Burden	59.93%	-	\$49.09								



**Table 12: Standby Administration Charges**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours /Unit	Calculated Total	Total Labour	Other Description	Rate Amount	Hours/Unit	Calculated Total	Total Other	Total	Rounded Total
2015	25	Standby Administration Charges	Direct Labour - Billing System Clerical	\$71.27	0.3	\$21.38	\$515.40	N/A	N/A	N/A	N/A	N/A	\$515.40	\$515.00
			Direct Labour - Metering Dept (MP2)	\$93.02	0.5	\$46.51								
			Direct Labour - Operations (MP4)	\$103.89	1	\$103.89								
			Direct Labour - Rates (MP4)	\$103.89	1	\$103.89								
			Direct Labour - Rates (Clerical)	\$71.27	0.5	\$35.64								
			Payroll Burden	65.56%	-	\$204.09								
2016	25	Standby Administration Charges	Direct Labour - Billing System Clerical	\$73.16	0.3	\$21.95	\$518.71	N/A	N/A	N/A	N/A	N/A	\$518.71	\$520.00
			Direct Labour - Metering Dept (MP2)	\$95.29	0.5	\$47.65								
			Direct Labour - Operations (MP4)	\$106.36	1	\$106.36								
			Direct Labour - Rates (MP4)	\$106.36	1	\$106.36								
			Direct Labour - Rates (Clerical)	\$73.16	0.5	\$36.58								
			Payroll Burden	62.66%	-	\$199.82								

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours /Unit	Calculated Total	Total Labour	Other Description	Rate Amount	Hours/Unit	Calculated Total	Total Other	Total	Rounded Total
2017	25	Standby Administration Charges	Direct Labour - Billing System Clerical	\$75.07	0.3	\$22.52	\$521.99	N/A	N/A	N/A	N/A	N/A	\$521.99	\$520.00
			Direct Labour - Metering Dept (MP2)	\$97.59	0.5	\$48.80								
			Direct Labour - Operations (MP4)	\$108.85	1	\$108.85								
			Direct Labour - Rates (MP4)	\$108.85	1	\$108.85								
			Direct Labour - Rates (Clerical)	\$75.07	0.5	\$37.54								
			Payroll Burden	59.85%	-	\$195.44								
2018	25	Standby Administration Charges	Direct Labour - Billing System Clerical	\$75.50	0.3	\$22.65	\$525.31	N/A	N/A	N/A	N/A	N/A	\$525.31	\$525.00
			Direct Labour - Metering Dept (MP2)	\$97.97	0.5	\$48.99								
			Direct Labour - Operations (MP4)	\$109.20	1	\$109.20								
			Direct Labour - Rates (MP4)	\$109.20	1	\$109.20								
			Direct Labour - Rates (Clerical)	\$75.50	0.5	\$37.75								
			Payroll Burden	60.26%	-	\$197.52								

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours /Unit	Calculated Total	Total Labour	Other Description	Rate Amount	Hours/Unit	Calculated Total	Total Other	Total	Rounded Total
2019	25	Standby Administration Charges	Direct Labour - Billing System Clerical	\$76.28	0.3	\$22.88	\$528.60	N/A	N/A	N/A	N/A	N/A	\$528.60	\$530.00
			Direct Labour - Metering Dept (MP2)	\$98.79	0.5	\$49.40								
			Direct Labour - Operations (MP4)	\$110.05	1	\$110.05								
			Direct Labour - Rates (MP4)	\$110.05	1	\$110.05								
			Direct Labour - Rates (Clerical)	\$76.28	0.5	\$38.14								
			Payroll Burden	59.93%	-	\$198.08								

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**Table 13: Connection Impact Assessment (CIA) Capacity Allocation Exempt Small DG, Small DG and Net Metering**

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours /Unit	Calculated Total	Total Labour	Other Description	Rate Amount	Hours/ Unit	Calculated Total	Total Other	Total	Rounded Total
2015	26a	Connection Impact Assessment (CIA) Capacity Allocation Exempt Small DG, Small DG and Net Metering	Direct Labour – MP2	\$93.02	6.77	\$629.75	\$5,578.96	N/A	N/A	N/A	N/A	N/A	\$5,578.96	\$5,580.00
			Direct Labour – MP4	\$103.89	5.51	\$572.43								
			Direct Labour – LGR64	\$81.54	17.69	\$1,442.47								
			Direct Labour – FTECH	\$73.69	2.77	\$204.12								
			Direct Labour – LSUPT	\$83.35	4.06	\$338.42								
			Direct Labour – ADET	\$76.71	2.38	\$182.57								
			Payroll Burden	65.56%	-	\$2,209.21								
2016	26a	Connection Impact Assessment (CIA) Capacity Allocation Exempt Small DG, Small DG and Net Metering	Direct Labour – MP2	\$95.29	6.77	\$645.11	\$5,618.13	N/A	N/A	N/A	N/A	N/A	\$5,618.13	\$5,620.00
			Direct Labour – MP4	\$106.36	5.51	\$585.04								
			Direct Labour – LGR64	\$83.61	17.69	\$1,479.06								
			Direct Labour – FTECH	\$75.62	2.77	\$209.46								
			Direct Labour – LSUPT	\$85.45	4.06	\$346.94								
			Direct Labour – ADET	\$78.69	2.38	\$187.29								
			Payroll Burden	62.66%	-	\$2,164.22								

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours /Unit	Calculated Total	Total Labour	Other Description	Rate Amount	Hours/ Unit	Calculated Total	Total Other	Total	Rounded Total
2017	26a	Connection Impact Assessment (CIA) Capacity Allocation Exempt Small DG, Small DG and Net Metering	Direct Labour – MP2	\$97.59	6.77	\$660.68	\$5,656.20	N/A	N/A	N/A	N/A	N/A	\$5,656.20	\$5,655.00
			Direct Labour – MP4	\$108.85	5.51	\$599.32								
			Direct Labour – LGR64	\$85.71	17.69	\$1,515.98								
			Direct Labour – FTECH	\$77.57	2.77	\$214.92								
			Direct Labour – LSUPT	\$87.58	4.06	\$355.48								
			Direct Labour – ADET	\$80.70	2.38	\$192.07								
			Payroll Burden	59.85%	-	\$2,117.76								
2018	26a	Connection Impact Assessment (CIA) Capacity Allocation Exempt Small DG, Small DG and Net Metering	Direct Labour – MP2	\$97.97	6.77	\$663.31	\$5,695.58	N/A	N/A	N/A	N/A	N/A	\$5,695.58	\$5,695.00
			Direct Labour – MP4	\$109.20	5.51	\$601.24								
			Direct Labour – LGR64	\$86.11	17.69	\$1,523.14								
			Direct Labour – FTECH	\$78.00	2.77	\$216.10								
			Direct Labour – LSUPT	\$87.98	4.06	\$357.10								
			Direct Labour – ADET	\$81.12	2.38	\$193.07								
			Payroll Burden	60.26%	-	\$2,141.62								

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours /Unit	Calculated Total	Total Labour	Other Description	Rate Amount	Hours/ Unit	Calculated Total	Total Other	Total	Rounded Total
2019	26a	Connection Impact Assessment (CIA) Capacity Allocation Exempt Small DG, Small DG and Net Metering	Direct Labour – MP2	\$98.79	6.77	\$668.87	\$5,734.66	N/A	N/A	N/A	N/A	N/A	\$5,734.66	\$5,735
			Direct Labour – MP4	\$110.05	5.51	\$605.92								
			Direct Labour – LGR64	\$86.91	17.69	\$1,537.34								
			Direct Labour – FTECH	\$78.78	2.77	\$218.28								
			Direct Labour – LSUPT	\$88.79	4.06	\$360.38								
			Direct Labour – ADET	\$81.91	2.38	\$194.95								
			Payroll Burden	59.93%	-	\$2,148.93								

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The change to rate code 26a eliminates the overlap between the CIA work formerly covered under this item, with a charge of \$10,335 and the CIA work covered by the \$3,000 charge that was approved under the OEB decision and order EB-2010-0228 for “Net Metering, Capacity Allocation Exempt, Rescinded, and Revised CIA Charges”. There was no time study or quantitative analysis completed for the \$3,000 charge.

The change proposed for item 26a is based on the actual labour hours required to complete the CIAs.

**Table 14: Connection Impact Assessment (CIA)**

## Greater than Capacity Allocation Exempt Small DG, Small DG and Net Metering

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours /Unit	Calculated Total	Total Labour	Other Description	Rate Amount	Hours/ Unit	Calculated Total	Total Other	Total	Rounded Total
2015	26b	Connection Impact Assessment (CIA) Greater than Capacity Allocation Exempt Small DG, Small DG and Net Metering	Direct Labour - MP2	\$93.02	34.9	\$3,246.40	\$11,983.21	N/A	N/A	N/A	N/A	N/A	\$11,983.21	\$11,985.00
			Direct Labour - MP4	\$103.89	23.1	\$2,399.86								
			Direct Labour - Interns	\$60.40	4.4	\$265.76								
			Direct Labour - MCP Staff	\$115.37	9.8	\$1,130.63								
			Direct Labour - GCD Coordinator	\$93.02	2.1	\$195.34								
			Payroll Burden	65.56%	-	\$4,745.22								
2016	26b	Connection Impact Assessment (CIA) Greater than Capacity Allocation Exempt Small DG, Small DG and Net Metering	Direct Labour - MP2	\$95.29	34.9	\$3,325.62	\$12,057.39	N/A	N/A	N/A	N/A	N/A	\$12,057.39	\$12,055.00
			Direct Labour - MP4	\$106.36	23.1	\$2,456.92								
			Direct Labour - Interns	\$62.09	4.4	\$273.20								
			Direct Labour - MCP Staff	\$118.04	9.8	\$1,156.79								
			Direct Labour - GCD Coordinator	\$95.29	2.1	\$200.11								
			Payroll Burden	62.66%	-	\$4,644.76								

Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours /Unit	Calculated Total	Total Labour	Other Description	Rate Amount	Hours/ Unit	Calculated Total	Total Other	Total	Rounded Total
2017	26b	Connection Impact Assessment (CIA) Greater than Capacity Allocation Exempt Small DG, Small DG and Net Metering	Direct Labour - MP2	\$97.59	34.9	\$3,405.89	\$12,131.47	N/A	N/A	N/A	N/A	N/A	\$12,131.47	\$12,130.00
			Direct Labour - MP4	\$108.85	23.1	\$2,514.44								
			Direct Labour – Interns	\$63.81	4.4	\$280.76								
			Direct Labour – MCP Staff	\$120.74	9.8	\$1,183.25								
			Direct Labour – GCD Coordinator	\$97.59	2.1	\$204.94								
			Payroll Burden	59.85%	-	\$4,542.18								
2018	26b	Connection Impact Assessment (CIA) Greater than Capacity Allocation Exempt Small DG, Small DG and Net Metering	Direct Labour - MP2	\$97.97	34.9	\$3,419.15	\$12,206.18	N/A	N/A	N/A	N/A	N/A	\$12,206.18	\$12,205.00
			Direct Labour - MP4	\$109.20	23.1	\$2,522.52								
			Direct Labour – Interns	\$64.27	4.4	\$282.79								
			Direct Labour – MCP Staff	\$121.05	9.8	\$1,186.29								
			Direct Labour – GCD Coordinator	\$97.97	2.1	\$205.74								
			Payroll Burden	60.26%	-	\$4,589.70								



Year	Rate Code	Specific Service Charge Description	Labour Description	Rate Amount	Hours /Unit	Calculated Total	Total Labour	Other Description	Rate Amount	Hours/ Unit	Calculated Total	Total Other	Total	Rounded Total
2019	26b	Connection Impact Assessment (CIA) Greater than Capacity Allocation Exempt Small DG, Small DG and Net Metering	Direct Labour - MP2	\$98.79	34.9	\$3,447.77	\$12,280.11	N/A	N/A	N/A	N/A	N/A	\$12,280.11	\$12,280.00
			Direct Labour - MP4	\$110.05	23.1	\$2,542.16								
			Direct Labour – Interns	\$65.03	4.4	\$286.13								
			Direct Labour – MCP Staff	\$121.93	9.8	\$1,194.91								
			Direct Labour – GCD Coordinator	\$98.79	2.1	\$207.46								
			Payroll Burden	59.93%	-	\$4,601.68								

**Schedule 11-2b : Specific Service Charges: Other Formula**

**(a) Sentinel Lights**

The proposed rate for Sentinel Lights has been developed as follows:

**Table 15: Specific Service Charges - Sentinel Lights**

Line No.	Particulars	Currently Approved	2015	2016	2017	2018	2019
1	Mid-Year Rate Base (\$M)	\$4.51	\$7.30	\$6.88	\$6.46	\$6.03	\$5.61
	Cost of Service (\$M)						
2	Operating, maintenance & administrative	\$2.18	\$1.29	\$1.31	\$1.33	\$1.35	\$1.37
3	Depreciation & amortization	\$0.51	\$1.41	\$1.43	\$1.45	\$1.47	\$1.49
4	Capital taxes- take out	\$0.01	-	-	-	-	-
5	Income taxes	\$0.16	\$0.18	\$0.19	\$0.20	\$0.20	\$0.20
6	Cost of service excluding return	\$2.86	\$2.88	\$2.93	\$2.98	\$3.02	\$3.07
7	Return on capital (\$M)	\$0.31	\$0.49	\$0.48	\$0.46	\$0.43	\$0.41
8	Total revenue requirement (\$M)	\$3.17	\$3.37	\$3.41	\$3.44	\$3.46	\$3.48
9	Mid- Year Number of Sentinel Lights	37,341	31,309	30,699	30,100	29,513	28,938
10	Annual Revenue Requirement per Light	\$84.97	\$107.67	\$110.99	\$114.17	\$117.17	\$120.21
11	Monthly Charge Per Light	\$7.10	\$8.97	\$9.25	\$9.51	\$9.76	\$10.02

**Specific Service Charges - Sentinel Poles**

The number of sentinel light poles and associated costs are not expected to have changed materially from what was approved as part of Hydro One's last cost-of-service application EB-2009-0096. Hydro One is not requesting a change to the currently approved rate of \$4.15/pole as calculated in EB-2009-0096.

**(b) Joint Use**

**Joint Use - Telecommunications**

The methodology used to determine the current Joint Use rate of \$22.35 for Telecommunications companies was provided by the Ontario Energy Board (OEB) in their March 7, 2005 order for Telecommunications pole rental calculations. In the calculations, a space allocation of 21.9% was used.

Table 16 illustrates the calculations for the currently approved rate and the new calculated rates for 2015-2019 using the OEB approved methodology for 2015 and increasing the rate by 1% for each year 2016 to 2019.

**Table 16: Telecom Specific Service Charges - Joint Use**

Calculation of Telecom Joint Use Costs	Currently Approved Rate	2015	2016	2017	2018	2019
Net Embedded Cost	\$478.00	\$745.86	\$753.32	\$760.85	\$768.46	\$776.14
Depreciation per Pole	31.11	\$12.68	\$12.81	\$12.93	\$13.06	\$13.19
Capital Carrying Cost	54.59	\$63.32	\$63.96	\$64.60	\$65.24	\$65.89
Maintenance (L&F)	7.61	\$82.41	\$83.23	\$84.07	\$84.91	\$85.76
Total Capital Related Costs	\$93.31	\$158.41	\$160.00	\$161.60	\$163.21	\$164.85
Allocated Capital Cost	\$20.43	\$34.69	\$35.04	\$35.39	\$35.74	\$36.10
Loss of Productivity	1.23	\$1.51	\$1.53	\$1.54	\$1.56	\$1.57
Administration	0.69	\$0.85	\$0.86	\$0.87	\$0.87	\$0.88
Vegetation Mgmt	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Total Licensee Cost</b>	<b>\$22.35</b>	<b>\$37.05</b>	<b>\$37.42</b>	<b>\$37.80</b>	<b>\$38.18</b>	<b>\$38.56</b>

**Joint Use - Local Distribution Companies (LDCs) and Generators**

The Joint Use reciprocal attachment rate for LDCs is a negotiated rate that was agreed upon with the EDA on behalf of the LDCs and has been in effect for the last 8 years. The methodology used is the same as used for the Telecommunications companies however, the space allocation used is 28.1% given that LDC attachments require more space on a pole due to safety standards.

The sliding scale formula was approved in the 2010 application (EB-2010-0228). The increase in the Generator charge between the currently approved rate and the proposed 2015 rate is due to a correction of the Forestry portion of Maintenance.

The rate increase on a sliding scale is proposed to be the same for LDC power space and Generators.

The Generator joint use current rate was determined at the 2011 OEB hearing. LDCs and Generators both use power space, and require the same space allocation. Therefore the proposal is to use the same rates for LDCs and Generators in 2015 to 2019. Table 17 and Table 18 illustrate the calculations of the current rate, as well as the proposed rates using the OEB approved methodology for 2015 and increasing the rate by 1% for each year 2016 to 2019.

**Table 17: LDC Specific Service Charges - Joint Use**

Calculation of LDC Joint Use Costs	Currently Approved Rate	2015	2016	2017	2018	2019
Net Embedded Cost	\$491.22	\$745.86	\$753.32	\$760.85	\$768.46	\$776.14
Depreciation per Pole	\$16.12	\$12.68	\$12.81	\$12.93	\$13.06	\$13.19
Capital Carrying Cost	\$56.10	\$63.32	\$63.96	\$64.60	\$65.24	\$65.89
Maintenance (L&F)	\$21.56	\$82.41	\$83.23	\$84.07	\$84.91	\$85.76
Total Capital Related Costs	\$93.78	\$158.41	\$160.00	\$161.60	\$163.21	\$164.85
Allocated Capital Cost	\$26.35	\$44.51	\$44.96	\$45.41	\$45.86	\$46.32
Loss of Productivity	\$1.57	\$1.51	\$1.53	\$1.54	\$1.56	\$1.57
Administration	\$0.69	\$0.85	\$0.86	\$0.87	\$0.87	\$0.88
Vegetation Mgmt	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Licensee Cost (10 ft of space)</b>	<b>\$28.61</b>	<b>\$46.88</b>	<b>\$47.34</b>	<b>\$47.82</b>	<b>\$48.30</b>	<b>\$48.78</b>
Licensee Cost (15' of power space)	\$28.61	\$56.25	\$56.81	\$57.38	\$57.95	\$58.53
Licensee Cost (20' of power space)	\$28.61	\$62.81	\$63.44	\$64.08	\$64.72	\$65.36
Licensee Cost (25' of power space)	\$28.61	\$66.56	\$67.23	\$67.90	\$68.58	\$69.27
Licensee Cost (30' of power space)	\$28.61	\$70.31	\$71.02	\$71.73	\$72.44	\$73.17
Licensee Cost (35' of power space)	\$28.61	\$73.13	\$73.86	\$74.60	\$75.34	\$76.09

<b>Calculation of LDC Joint Use Costs</b>	<b>Currently Approved Rate</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Licensee Cost (40' of power space)	\$28.61	\$75.00	\$75.75	\$76.51	\$77.27	\$78.05
Licensee Cost (45' of power space)	\$28.61	\$76.88	\$77.64	\$78.42	\$79.21	\$80.00
Licensee Cost (50' of power space)	\$28.61	\$77.81	\$78.59	\$79.38	\$80.17	\$80.97
Licensee Cost (55' of power space)	\$28.61	\$79.69	\$80.49	\$81.29	\$82.10	\$82.92
Licensee Cost (60' of power space)	\$28.61	\$80.63	\$81.43	\$82.25	\$83.07	\$83.90

**Table 18: Generator Specific Service Charges - Joint Use**

<b>Calculation of Generator Joint Use Costs</b>	<b>Currently Approved Rate</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Net Embedded Cost	\$663.55	\$745.86	\$753.32	\$760.85	\$768.46	\$776.14
Depreciation per Pole	\$12.14	\$12.68	\$12.81	\$12.93	\$13.06	\$13.19
Capital Carrying Cost	\$60.05	\$63.32	\$63.96	\$64.60	\$65.24	\$65.89
Maintenance (L&F)	\$20.92	\$82.41	\$83.23	\$84.07	\$84.91	\$85.76
Total Capital Related Costs	\$93.11	\$158.41	\$160.00	\$161.60	\$163.21	\$164.85
Allocated Capital Cost	\$26.17	\$44.51	\$44.96	\$45.41	\$45.86	\$46.32
Loss of Productivity	\$1.43	\$1.51	\$1.53	\$1.54	\$1.56	\$1.57
Administration	\$0.80	\$0.85	\$0.86	\$0.87	\$0.87	\$0.88

Calculation of LDC Joint Use Costs	Currently Approved Rate	2015	2016	2017	2018	2019
Vegetation Mgmt	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Licensee Cost (10 ft of power space)</b>	<b>\$28.40</b>	<b>\$46.88</b>	<b>\$47.34</b>	<b>\$47.82</b>	<b>\$48.30</b>	<b>\$48.78</b>
Licensee Cost (15' of power space)	\$34.08	\$56.25	\$56.81	\$57.38	\$57.95	\$58.53
Licensee Cost (20' of power space)	\$38.06	\$62.81	\$63.44	\$64.08	\$64.72	\$65.36
Licensee Cost (25' of power space)	\$40.33	\$66.56	\$67.23	\$67.90	\$68.58	\$69.27
Licensee Cost (30' of power space)	\$42.60	\$70.31	\$71.02	\$71.73	\$72.44	\$73.17
Licensee Cost (35' of power space)	\$44.30	\$73.13	\$73.86	\$74.60	\$75.34	\$76.09
Licensee Cost (40' of power space)	\$45.44	\$75.00	\$75.75	\$76.51	\$77.27	\$78.05
Licensee Cost (45' of power space)	\$46.58	\$76.88	\$77.64	\$78.42	\$79.21	\$80.00
Licensee Cost (50' of power space)	\$47.14	\$77.81	\$78.59	\$79.38	\$80.17	\$80.97
Licensee Cost (55' of power space)	\$48.28	\$79.69	\$80.49	\$81.29	\$82.10	\$82.92
Licensee Cost (60' of power space)	\$48.85	\$80.63	\$81.43	\$82.25	\$83.07	\$83.90

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**Table 19**

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Rate Code	Description	Historical Years				Bridge Year		Test Years									
		2010	2011	2012	2013	2014		2015		2016		2017		2018		2019	
		Volume	Volume	Volume	Volume	Volume Forecast	Revenue Forecast	Volume Forecast	Revenue Forecast	Volume Forecast	Revenue Forecast	Volume Forecast	Revenue Forecast	Volume Forecast	Revenue Forecast	Volume Forecast	Revenue Forecast
13b	Retailer Services – Other (includes Bill Ready for Retailers and Service Transaction Requests) as per the Handbook*	\$400,000	\$433,333	\$333,333	\$400,000	N/A	\$333,333	N/A	\$333,333	N/A	\$333,333	N/A	\$333,333	N/A	\$333,333	N/A	\$333,333
14	Special Meter Reads*	N/A	N/A	N/A	N/A	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
24	Tingle Voltage Test – In Excess of 4 Hours (per hour)	88	67	123	100	90	\$11,250	93	\$13,020	96	\$13,440	99	\$13,860	102	\$14,790	105	\$15,225
25	Standby Administration Charge per month	0	0	0	0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0

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Rate Code	Description	Historical Years				Bridge Year		Test Years									
		2010	2011	2012	2013	2014		2015		2016		2017		2018		2019	
		Volume	Volume	Volume	Volume	Volume Forecast	Revenue Forecast	Volume Forecast	Revenue Forecast	Volume Forecast	Revenue Forecast	Volume Forecast	Revenue Forecast	Volume Forecast	Revenue Forecast	Volume Forecast	Revenue Forecast
27	Sentinel Lights Rental Rate per month	34,553	33,891	33,229	32,567	31,932	\$2,720,602	31309	\$3,371,011	30699	\$3,407,287	30100	\$3,436,425	29513	\$3,458,088	28938	\$3,478,638
28	Sentinel Lights Pole Rental Rate per month	1,858	1,800	1,742	1,685	1,631	\$81,219	1579	\$78,612	1528	\$76,089	1,479	\$73,646	1431	\$71,282	1385	\$68,994
29	Joint Use rate for Telecom Companies per pole per year	272,869	275,119	278,252	279,145	278,366	\$6,080,083	281,756	\$10,202,878	285,188	\$10,430,425	288,662	\$10,663,054	292,179	\$10,900,880	295,738	\$11,144,019
30	Joint Use rate for Generator Companies per pole per year	2529	2748	3274	3,312	3353	\$182,139	3353	\$301,218	3353	\$304,230	3353	\$307,273	3353	\$310,345	3353	\$313,449
31	Joint Use for LDCs per pole per year	10,506	11,275	11,757	11,607	11,932	\$341,374	12,266	\$574,979	12,610	\$596,989	12,963	\$619,841	13,326	\$643,569	13,699	\$668,205

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Rate Code	Description	Historical Years				Bridge Year		Test Years									
		2010	2011	2012	2013	2014		2015		2016		2017		2018		2019	
		Volume	Volume	Volume	Volume	Volume Forecast	Revenue Forecast	Volume Forecast	Revenue Forecast	Volume Forecast	Revenue Forecast	Volume Forecast	Revenue Forecast	Volume Forecast	Revenue Forecast	Volume Forecast	Revenue Forecast
32	Joint Use rate for Municipal Streetlights per year	84880	84880	105842	81481	81481	\$166,221	81481	\$166,221	81481	\$166,221	81481	\$166,221	81481	\$166,221	81481	\$166,221

2

3 \*Special Meter reads are taken for retailers. Our current Statistical Key Figure (SKF) reporting does not keep a count of these special

4 reads.

5 \*\*The volumes for these charges are not tracked. The figures for these charges show revenue collected.

Note: Retail codes 13a and 13b are shown in schedule 11-3a as approved rates only. The revenue generated from these service charges is not included as external revenue but can be found in the RCVA variance account as identified in Exhibit F1, Tab1, Schedule 2.

Schedule 11-3b: Specific Service Charges: Capital Contributions

		Historical Years					Bridge Year			Test Years														
Rate Code	Description	Amount	2010	2011	2012	2013	2014			2015			2016			2017			2018			2019		
			Volume	Volume	Volume	Volume	Amount	Volume Forecast	Proposed Capital *	Amount	Volume Forecast	Proposed Capital *	Amount	Volume Forecast	Proposed Capital *	Amount	Volume Forecast	Proposed Capital *	Amount	Volume Forecast	Proposed Capital *	Amount	Volume Forecast	Proposed Capital *
1	Temporary Service	\$500	510	420	443	414	\$500.00	312	\$156,000.00	\$500.00	312	\$156,000.00	\$500.00	312	156000	\$500.00	312	\$156,000.00	\$500.00	312	\$156,000.00	\$500.00	312	\$156,000.00
15	Service Layout Fee – Basic	\$562	190	210	202	204	\$562.00	147	\$82,614.00	\$630.00	147	\$92,610	\$635.00	147	\$93,345	\$640.00	147	\$94,080	\$645.00	147	\$94,815	\$650.00	147	\$95,550
16	Service Layout Fee – Complex	\$750	8	9	8	8	\$750.00	6	\$4,500	\$835.00	6	\$5,010.00	\$845.00	6	\$5,070.00	\$850.00	6	\$5,100	\$860	6	\$5,160	\$865.00	6	\$5,190
17	Crossing Application – Pipeline	\$2,600	1	2	3	5	\$2,600.00	3	\$7,800	\$2,510.00	3	\$7,530.00	\$2,540.00	3	\$7,620.00	\$2,555.00	3	\$7,665.00	\$2,585.00	3	\$7,755.00	\$2,600.00	3	\$7,800.00
18	Crossing Application – Water	\$2,960	44	69	73	101	\$2,960.00	71	\$210,160	\$3,190.00	71	\$226,490.00	\$3,225.00	71	\$228,975.00	\$3,250.00	71	\$230,750.00	\$3,285.00	71	\$233,235.00	\$3,305.00	71	\$234,655.00
19	Crossing Application – Railroad	\$3,100	17	30	41	33	\$3,100.00	30	\$93,000.00	\$6,060.00	30	\$181,800.00	\$6,095.00	30	\$182,850.00	\$6,120.00	30	\$183,600.00	\$6,155.00	30	\$184,650.00	\$6,180.00	30	\$185,400.00
20	Line Staking – per meter	\$3.75	170,199	193,339	161,227	174,921	\$3.75	178,000	\$667,500.00	\$4.55	183,000	\$832,650.00	\$4.95	185,000	\$915,750.00	\$4.95	185,000	\$915,750.00	\$5.00	185,000	\$925,000.00	\$5.05	185,000	\$934,250.00
21	Central Metering – New service < 45 kW	\$115	929	780	889	587	\$115.00	796	\$91,568.75	\$120.00	796	\$95,550	\$120	796	\$95,550	\$120	796	\$95,550	\$120	796	\$95,550	\$120	796	\$95,550
22	Conversion to Central Metering < 45 kW	\$935	1619	494	559	623	\$935.00	824	\$770,206.25	\$1,035.00	824	\$852,581	\$1,045	824	\$860,819	\$1,050	824	\$864,938	\$1,060	824	\$873,175	\$1,065	824	\$877,294
23	Conversion to Central Metering > 45 kW	\$815	74	26	19	92	\$815.00	53	\$42,991.25	\$915.00	53	\$48,266	\$925	53	\$48,794	\$930	53	\$49,058	\$940	53	\$49,585	\$945	53	\$49,849

Note: “N/A” in schedule 3 infers that the data is not tracked and hence not available.