# CHAPLEAU PUBLIC UTILITIES CORPORATION ED-2002-0528

# 2018 IRM APPLICATION EB-2017-0337

Rates Effective: May 1, 2018

Submitted on: February 9, 2018

Chapleau Public Utilities Corporation 110 Lorne St. S Chapleau, Ontario P.O. Box 670 POM 1K0

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Chapleau Public Utilities Corp. 110 Lorne St. S Chapleau, Ontario P.O. Box 670 POM 1K0

February 9, 2018

Ontario Energy Board 2300 Yonge Street P.O. Box 2319, 27<sup>th</sup> Floor Toronto, ON M4P 1E4

#### Attention: Ms. Kirsten Walli, Board Secretary Re: OEB File No. EB-2017-0337 – Chapleau PUC - 2018 IRM Rate Application

Dear Ms. Walli

Chapleau PUC is pleased to submit to the Ontario Energy Board its Application for Electricity and Distribution Rates and Charges effective May 1, 2018, prepared in accordance with the Board's Chapter 3 Filing Requirements last updated on July 20, 2017. Two hard copies of the Application will follow by courier.

Chapleau PUC's application is being filed pursuant to the Board's e-Filing Services, consisting of one (1) electronic copy of the application in searchable/unrestricted PDF format and one (1) electronic copy in Microsoft Excel format of the following complete IRM models:

2018 IRM Rate Generator Model 2018 GA Analysis Work Form

Should the Board have questions regarding this matter please contact Jennifer Cyr at <u>jcyr.puc@chapleau.ca</u> or me at <u>amorin.puc@chapleau.ca</u>.

Respectfully Submitted, [Original Signed]

Alan Morin Manager Chapleau PUC

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## **APPLICATION**

## **ONTARIO ENERGY BOARD**

IN THE MATTER OF the Ontario Energy Board Act, 1998, S.O. 1998, c. 15, (Schedule B);

**AND IN THE MATTER OF** an Application by Chapleau PUC to the Ontario Energy Board for an Order or Orders approving or fixing just and reasonable rates and other service charges for the distribution of electricity and related matters to be effective May 1, 2018.

## CHAPLEAU PUC 2018 IRM RATE APPLICATION

For New Rates to be Effective May 1, 2018

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## **CONTACT INFORMATION**

The primary contact for this Application is:

Alan Morin

Manager Chapleau PUC 110 Lorne St. S Chapleau, Ontario P.O. Box 670 POM 1K0

Email: <u>amorin.puc@chapleau.ca</u> Phone: 705-864-0111

The secondary contact for this application is:

Jennifer Cyr Treasurer Chapleau PUC 110 Lorne St. S Chapleau, Ontario P.O. Box 670 POM 1K0

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This application and related documents can be viewed on our website:

Internet Address: http://www.chapleau.ca/en/townshipservices/publicutilities.asp

## MANAGER'S SUMMARY

## 1. Introduction

Chapleau PUC ("CPUC") hereby applies to the Ontario Energy Board (the "Board") for approval of its 2018 Distribution Rate Adjustments effective May 1, 2018. CPUC applies for an Order or Orders approving the proposed distribution rates and other charges as set out in Appendix 2 of this Application as just and reasonable rates and charges pursuant to Section 78 of the OEB Act.

CPUC has followed Chapter 3 of the Board's Filing Requirements for Electricity and Distribution Rate Applications dated July 20, 2017, along with the Key References listed in Chapter 3 Incentive Rate-Setting Applications.

In the event that the Board is unable to provide a Decision and Order in this Application for implementation by the Applicant as of May 1, 2018, CPUC requests that the Board issue an Interim Rate Order declaring the current Distribution Rates and Specific Service Charges as interim until the decided implementation date of the approved 2018 distribution rates. If the effective date does not coincide with the Board's decided implementation date for 2018 distribution rates and charges, CPUC requests to be permitted to recover the incremental revenue from the effective date to the implementation date.

CPUC requests that this application be disposed of by way of a written hearing.

CPUC reviewed the existing "Tariff Sheets" in the pre-populated worksheets and confirms that they are accurate. In reviewing the billing determinants contained in the model, CPUC found some discrepancies. Specifically, CPUC found that it had inadvertently neglected to report metered kW for its Sentinel Lighting and Street Light rate classes in its 2016 RRR filings. The required data has been added to the model by OEB staff, and CPUC commits to making the required corrections to its 2016 RRR filing.

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CPUC attests that the utility, its shareholder, and all its customer classes will be affected by the outcome of this application.

In the preparation of this application, CPUC used the 2018 IRM Rate Generator Model (Version 1.0) issued on July 19, 2017. The rates and other adjustments being applied for, and as calculated through the use of the above models, include a Price Cap Incentive Rate-Setting ("Price Cap IR") option to adjust the 2017 rates. (The Price Cap IR methodology provides for a mechanistic and formulaic adjustment to distribution rates and charges in the period between Cost of Service applications). The model also adjusts Retail Transmission Service Rates in accordance with Board Guideline G-2008-0001 - Electricity Distribution Retail Transmission Service Rates revised on June 28, 2012.

Throughout this Incentive Rate-Setting Application, CPUC has provided information pertaining to changes in its rates. The issues to be addressed are as follows:

- Price Cap Adjustment: CPUC is requesting a Price Cap Adjustment increase of 1.45% in accordance with Chapter 3 of the Ontario Energy Board Filing Requirements for Electricity Distribution Rate Applications, issued July 20, 2017.
- 2. **Residential Rate Design**: CPUC is transitioning to a fully fixed rate for its Residential customers. This application will see the first year of a four-year period of rate adjustments applied in accordance with Section 3.2.3 of the Filing Requirements.
- 3. **RTSR Adjustments**: CPUC is requesting updated rates for Retail Transmission Service Rates.
- 4. **Deferral and Variance Accounts**: CPUC is requesting disposal of its Deferral and Variance Accounts as the balance exceeds the threshold amount.

- 5. **Specific Service Charge and Loss Factors**: CPUC is requesting the continuance of the Specific Service Charges and Loss Factor as approved in the 2012 Cost of Service Application (2011-0322).
- 6. **Disposition of LRAMVA**: CPUC is not seeking to recover residual balances in its LRAMVA variance accounts in this proceeding.
- 7. **Tax Change**: CPUC is applying for a tax change rate rider.
- 8. **ICM/Z-Factor**: CPUC is not applying for an Incremental Capital Module or a Z-Factor claim.
- 9. **Rate Riders and Adders**: CPUC is requesting the continuance of the Rate Rider for Smart Metering Entity charge, for which the sunset date has not yet been reached.

## 2. Distributor's Profile

Chapleau PUC (CPUC) is a licensed electricity distributor operating pursuant to electricity distribution license ED-2002-0528. CPUC was incorporated under the Ontario Business Corporation Act on August 18, 1999, and is 100% owned by the Township of Chapleau. CPUC's service area comprises the Town of Chapleau and is partially embedded to Hydro One Networks Inc.

CPUC provides electrical distribution services to approximately 1,250 residential and commercial customers in its service area, which covers approximately 2 square kilometers.

CPUC's distribution system is connected to the 115 kV transmission system through Chapleau DS. The distribution system is comprised of two voltage systems: one at 4.16 kV and the other at 25 kV. CPUC owns two 115-4.16 kV transformers at the DS totaling 6.2 MVA which supply 3 feeders. In addition, CPUC has one 25 kV feeder supplied by Hydro One Networks Inc. which is limited to supplying approximately 3.5 MVA of capacity.

As of the end of December 2016, CPUC relied on approximately 31 km of circuits to deliver 24,574,839 kWh of energy to approximately 1,250 customers. The circuits can be broken down into roughly 25 km of overhead lines and 6 km of underground conductor.

As of December 31, 2016, CPUC did not have any Class A customers.

CPUC's last approved Cost of Service application was in 2012 for rates effective May 1, 2012 (EB-2011-0322). The 2012 rates were implemented on December 1, 2012.

CPUC was scheduled to file a Cost of Service application for 2016 rates. Upon the OEB's denial of a request for a one-year deferral, CPUC filed an application for 2016 rates on September 2, 2016. The application was deemed to be incomplete on December 19, 2016. Subsequent considerations caused CPUC to file a further request on May 16, 2017, for deferral of rebasing until January 1, 2019. These considerations include, among other factors, changes to CPUC's achieved rate of return, the timing of planned capital investments and a potential corporate reorganization from a virtual to an operating utility. As of the date of this application, the OEB has not yet made a determination on CPUC's request. CPUC is filing this 2018 IRM application as an interim measure, in consideration of the fact that there has been no adjustment to CPUC's rates since 2015.

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## 3. Publication of Notice

CPUC is proposing that any required notices related to this Application appear in The Chapleau Express, which has the highest circulation in CPUC's service area.

The Chapleau Express 14 Richard Street Chapleau, ON POM 1K0 Phone # 705-864-2579

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### 4. Price Cap Adjustment

As per Board policy (Chapter 3) of the filing requirements, distribution rates are to be adjusted according to the annual Adjustment Mechanism as presented through the Board's Rate Generator model. CPUC has updated its stretch factor based on the PEG Report to the Ontario Energy Board *"Empirical Research in Support of Incentive Rate-Setting: 2015 Benchmarking Update"* issued August 4, 2016. The price cap adjustment used in the 2018 Rate Generator is 1.45%. This calculation is based upon a price escalator of 1.9%, a productivity factor of 0.00%, and a stretch factor of 0.45%.

#### Table 1: CPUC Price Cap Parameters

Stretch Factor Group	IV
Price Escalator	1.90%
Stretch Factor Value	0.45%
Productivity Factor	0.00%
Price Cap Index	1.45%

CPUC has used the 2017 rate-setting parameters as a placeholder and understands Board staff will update CPUC's IRM Rate Generator model with the 2018 stretch factor assignment and inflation factors issued by the OEB.

The annual price cap adjustment mechanism under this application will apply to fixed and volumetric distribution rates for CPUC. The annual price cap adjustment mechanism will not be applied to the following:

- Rate Adders and Riders;
- Low Voltage Service Charges;
- Retail Transmission Service Rates;
- Wholesale Market Service Rate;
- Rural Rate Protection Charge;

- Standard Supply Service Administrative Charge;
- Capacity Based Recovery
- MicroFIT Service Charge;
- Specific Service Charges;
- Transformation and Primary Metering Allowances; and
- Smart Metering Entity Charge.

### 5. <u>Revenue to Cost Ratio Adjustments</u>

Revenue to cost ratios measure the relationship between the revenues expected from a class of customers and the level of costs associated with that class. The Board has established target ratio ranges for Ontario electricity distributors in its Review of Electricity Distribution Cost Allocation Policy (EB-2012-0219), dated March 31, 2011. In CPUC's 2012 Cost of Service Rate Application Decision (EB-2011-0322), CPUC was directed to follow the approach of moving customers whose revenue-to-cost ratios that are above or below the approved ranges, to the lower and upper boundaries of their applicable ranges. Adjustments were to be made to the lowest or highest classes within their ranges as necessary to maintain revenue neutrality.

The OEB approved a three-year transition period for the adjustments to Revenue-to-Cost Ratios as contained in the 2012 Cost of Service settlement proposal. These adjustments were completed in the 2015 IRM application (EB-2014-0063), and no further adjustments are required.

#### 6. Rate Design for Residential Electricity

On April 2, 2015, the OEB released Board Policy, EB-2014-0210, *A New Distribution Rate Design for Residential Electricity Consumers*. The report requires electricity distributors to transition to a fully fixed monthly distribution service charge for residential customers over a four-year period. CPUC followed the approach set out in sheet 16 of the rate generator model to implement the

first of four yearly adjustments to its Monthly Fixed Charge. The incremental fixed charge of \$3.72, as calculated at cell F25 of Worksheet 16 of the IRM model, falls below the \$4.00 threshold that would require mitigation. CPUC is therefore not requesting to extend the OEB-approved transition period. CPUC notes that the actual incremental residential monthly fixed charge with the price cap index applied is \$4.12.

Table 2 shows the existing rates compared to the proposed rates. The bill impacts are discussed further in Section 16 of this application.

Rate Class	Current Monthly Fixed Charge	Proposed Monthly Fixed Charge	Change	Current Volumetric Charge	Proposed Volumetric Charge	Change	
	\$/Month	\$/Month	\$/Month				
Residential Service	\$24.04	\$28.16	\$4.12	\$0.0140	\$0.0107	-\$0.0033	\$/kWh
General Service Less Than 50 kW Service	\$35.18	\$35.69	\$0.51	\$0.0179	\$0.0182	\$ 0.0003	\$/kWh
General Service 50 To 4,999 kW Service	\$193.66	\$196.47	\$2.81	\$3.6185	\$3.6710	\$0.0525	\$/kW
Unmetered Scattered Load Service	\$24.99	\$25.35	\$0.36	\$0.0336	\$0.0341	\$0.0005	\$/kWh
Sentinel Lights	\$8.65	\$8.78	\$0.13	\$15.0437	\$15.2618	\$0.2181	\$/kW
Street Lighting Service	\$4.43	\$4.49	\$0.06	\$20.6218	\$20.9208	\$0.2990	\$/kW

## Table 2: Current vs Proposed Distribution Rates

## 7. RTSR Adjustments

CPUC is applying for an adjustment of its Retail Transmission Service Rates (RTSR) based on a comparison of historical transmission costs adjusted for new Hydro One Sub-Transmission Rates levels and revenues generated from existing RTSRs. This approach is expected to minimize variances in the USoA Accounts 1584 and 1586.

CPUC used the RTSR Adjustment Worksheets embedded in the IRM Model to determine the proposed adjustments to the RTSR approved in 2015 IRM application.

The Loss Factor applied to the metered kWh is the actual Board-approved 2012 Loss Factor (EB-2011-0322).

The proposed adjustments of the RTSRs are shown in the tables below, and the detailed calculations can be found in the 2018 IRM Model filed in conjunction with this application. CPUC understands that the most recent sub-transmission rates approved by the OEB were used to generate the proposed rates, and OEB staff will adjust each distributor's 2018 RTSR section, once the January 1, 2018, sub-transmission adjustments have been determined.

		Current	Proposed	
Rate Class	Unit	RTSR-	RTSR-	Change
		Network	Network	
Residential Service	\$/kWh	0.0068	0.0065	-0.0003
General Service Less Than 50 kW Service	\$/kWh	0.0060	0.0058	-0.0002
General Service 50 To 4,999 kW Service	\$/kW	2.5062	2.4040	-0.1022
Unmetered Scattered Load Service	\$/kWh	0.0060	0.0058	-0.0002
Sentinel Lights	\$/kW	1.8998	1.8224	-0.0774
Street Lighting Service	\$/kW	1.8902	1.8131	-0.0771

Table 3a: Proposed Network Service Rate

		Current	Proposed	
Rate Class	Unit	RTSR-	RTSR-	Change
		Connection	Connection	
Residential Service	\$/kWh	0.0016	0.0017	0.0001
General Service Less Than 50 kW Service	\$/kWh	0.0016	0.0017	0.0001
General Service 50 To 4,999 kW Service	\$/kW	0.5763	0.6249	0.0486
Unmetered Scattered Load Service	\$/kWh	0.0016	0.0017	0.0001
Sentinel Lights	\$/kW	0.4549	0.4932	0.0383
Street Lighting Service	\$/kW	0.4456	0.4832	0.0376

## Table 3b: Line and Transformation Connection Service Rate

### 8. Deferral and Variance Accounts

Chapter 3 of the Board's Filing Requirements and the *Report of the Board on Electricity Distributors' Deferral and Variance Account Review Report* (the "EDDVAR Report") provide that under the Price Cap IR, the distributor's Group 1 audited account balances will be reviewed and disposed of, if the pre-set disposition threshold \$0.001 per kWh (debit or credit) is exceeded. Distributors must file in the application Group 1 balances as at December 31, 2016, to determine if the threshold has been exceeded. CPUC has completed the Board's 2018 IRM Rate Generator Tab 3: 2016 Continuity Schedule for up to the year ending 2016, with projected interest to December 31, 2017. Actual interest has been calculated based on the Board's prescribed rates. Projected interest for the period January 1, 2017, to December 31, 2017, is based upon the last Board prescribed rate of 1.10%. Deferral and RSVA balances as at December 31, 2016, as reported in CPUC's 2016 RRR filing, match the 2016 Audited Financial Statements. In completing the continuity table for this application, CPUC identified some discrepancies, which are discussed below.

CPUC is an embedded distributor and as such, was not charged the Capacity Based Recovery (CBR) charge in 2015. As a result, no CBR variance balance is recorded in Account 1580, Sub-Account CBR Class B for the 2015 year. CPUC did not have any Class A customers as at December 31, 2016.

The balance of CPUC's Group 1 Deferral and Variance accounts total \$95,304, or \$0.0039 per kWh. Since this is above the pre-set disposition threshold of \$0.001 per kWh, CPUC is requesting disposal of its deferral and variance account in this proceeding. A summary of the account balances is provided in Table 4 on the following page.

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			Interest to	Total
Group 1 Accounts	USoA	Principal	31-Dec-17	Balance
LV Variance Account	1550	151,111	5,613	156,723
Smart Metering Entity Charge Variance Account	1551	-290	-12	-302
RSVA - Wholesale Market Service Charge	1580	-75,848	-2,326	-78,174
RSVA Wholesale Market Service Charge - Sub-account CBR Class B	1580	-1,380	-40	-1,420
RSVA - Retail Transmission Network Charge	1584	-9,297	-425	-9,722
RSVA - Retail Transmission Connection Charge	1586	1,454	16	1,437
RSVA - Power (Excluding Global Adjustment)	1588	-236,748	-9,234	-245,982
RSVA - Power Sub-account - Global Adjustment)	1589	89,606	1,513	91,118
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595	5,751	-5,753	-2
Disposition and Recovery/Refund of Regulatory Balances (2013)	1595	-7,174	1,844	-5,330
Disposition and Recovery/Refund of Regulatory Balances (2014)	1595	2,994	-2,387	607
Disposition and Recovery/Refund of Regulatory Balances (2015)	1595	-4,316	58	-4258
Group 1 Total (including Account 1589 - Global Adjustment)				-\$95,30

## Table 4: Deferral and Variance Account Balances

CPUC has identified certain discrepancies between the balances as presented in the continuity tables in the model and its 2016 RRR filings. These discrepancies are as follows:

- Account 1580 shows a variance of (\$1,392) from the 2016 RRR balance as filed. The RRR balance filed includes the amount applicable to the CBR Class B sub-account, which has been shown separately in the IRM continuity table.
- Account 1586 shows a variance of (\$2,907) from the 2016 balance as filed. This is the result of an error in recording adjusting entries in 2016. CPUC intends to make the necessary correction to its 2016 RRR filing.
- Account 1595 (2009 and 2010) show insignificant variances that appear to be the result of amounts approved for disposition for these accounts in 2014 which varied from the actual balances. As these balances have been approved for disposition on a final basis, CPUC proposes to write off this total variance of \$132.

- The balance in 1595 (2012) varies from the RRR balance reported by \$177,944. This is due to errors in the recording of entries to reflect the ongoing recovery of the approved PILs balance in the account as they related to entries to draw down the balance in the PILs contra-account (Account 1563). This variance does not affect the balance requested for disposition. CPUC will make the required correction to its RRR filing.
- Small variances in the 1595 accounts for 2013, 2014 and 2015 are the result of adjustments to interest which were made in the preparation of the IRM continuity table. Prior to this, CPUC had been applying interest monthly to the total (principal + interest) balance in the account. This has been corrected in the continuity table and requested balances for disposition.

CPUC proposes to make all required adjustments to its RRR data upon completion of this proceeding.

## 9. Specific Service Charge and Loss Factors

CPUC is applying to continue the Specific Service Charges and Loss Factor as approved by the board in the 2012 Cost of Service (EB-2011-0322).

#### **10.<u>RPP Settlement Process</u>**

#### **Global Adjustment**

As at December 31, 2016, CPUC did not have any Class A customers. CPUC's Class B customers pay the global adjustment ("GA") charge based on the amount of electricity they consume in a month (kWh). Within the Class B group, there are two categories of customers: RPP customers who pay an RPP rate which has a built-in GA adjustment component and the remaining non-RPP customers who pay the Hourly Ontario Electricity Price, and a monthly GA price listed separately

on their bill. CPUC uses the GA first estimate to bill its non-RPP Class B customers and to calculate and record unbilled revenues. This treatment is applicable to all customer classes.

For Class B customers, RSVA Account 1589 captures the difference between the GA amounts billed to non-RPP customers and the actual GA amount paid for those customers by the distributor to the IESO or host distributor.

#### **Monthly Settlement Submissions**

When completing the monthly submission for IESO settlements, CPUC uses a top-down approach. CPUC starts by collecting the current month's wholesale metering data from our third-party meter management vendor, Sensus, to calculate the total load (kWh) purchased. Data is then collected from our billing system to determine the split between RPP and non-RPP volumes. CPUC is required to settle the difference between revenues billed to RPP customers (three-tiered TOU pricing and the two-tiered RPP pricing), and the wholesale cost of power, which includes the amount of the global adjustment allocated to this portion of the distributor's load. The first estimate of the GA is used for this initial calculation, but once the actual GA rate is known, an adjustment is made to true-up in the following month. CPUC performs a reconciliation to verify that the year-end balances in the 1588-Power and 1589-GA variance accounts are accurate while ensuring amounts requested for disposition pertain to the correct year.

CPUC has completed the Board's Account 1589 Global Adjustment Analysis Workform, which shows some unresolved differences from expected results.

#### **Overall Process and Procedural Controls over the IESO Settlement Process**

Management is knowledgeable on the methodologies pursuant to the OEB and IESO requirements and is responsible for updating internal processes and procedures accordingly. Management is also responsible for the settlement spreadsheet and to meet changing OEB/IESO settlement requirements.

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The process designed in CPUC's settlement process includes various reconciliation procedures to ensure the appropriate methodologies pursuant to the OEB and IESO requirements are met, and to ensure the accuracy and validity of the RPP claims.

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#### 11. Disposition of LRAMVA

CPUC is not seeking to recover remaining balances in its LRAMVA variance account in this proceeding and instead, proposes to dispose of these balances in its 2019 Cost of Service application. CPUC was last approved for the clearance of LRAMVA balances in its 2012 Cost of Service (EB-2011-0322).

### 12. Tax Change

The Board determined there would be a 50/50 sharing of the impact of currently known legislative tax changes. CPUC has completed the shared tax savings worksheet to determine if amounts should be refunded to or recovered from customers as a result of corporate tax savings implemented since the 2012 Cost of Service Application (EB-2011-0322). As indicated in the tax savings worksheets contained within the 2018 IRM Rate Generator model, the total tax savings calculated as a result of legislative changes since 2012 are \$4,078. CPUC proposes to refund 50% of this amount, or \$2,039 to customers over a one-year period through the rate riders as calculated in the IRM model.

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## 13.ICM / Z-Factor

CPUC is not applying for recovery of Incremental Capital or Z-Factor in this proceeding.

## 14.<u>Current Tariff Sheets</u>

CPUC's current tariff sheets are provided in Appendix 1.

## 15. Proposed Tariff Sheets

The proposed tariff sheets generated by the 2018 IRM Rate Generator are provided in Appendix 2.

## 16.Bill Impacts

Table 5 below summarizes the proposed bill impacts as calculated at Sheet 20 of the model.

Rate Class	Usa	Usage		2018 Proposed	\$	%
Rate Class	kWh	kW	Total Bill	Rates Total Bill	Difference	Difference
Residential - RPP	750		117.75	112.87	(4.89)	-4.15%
Residential - non-RPP	750		151.67	157.09	5.42	3.57%
Residential - RPP - 10th percentile	405		75.70	75.00	(.70)	-0.92%
Residential - non-RPP - 10th percentile	405		94.81	99.83	5.02	5.29%
GS<50 kW - RPP	2,000		302.92	286.74	(16.18)	-5.34%
GS <50 kW - non-RPP	2,000		392.99	404.06	11.07	2.82%
GS 50 to 4,999 kW	42,000	115	5,843.43	5,399.85	(443.58)	-7.59%
Unmetered Scattered Load	85		44.72	44.24	(.48)	-1.08%
Sentinel Lighting	100		29.17	28.56	(.61)	(2.09)
Street Lighting	100		20.33	19.79	(.54)	-2.64%

## Table 5: Summary of Monthly Bill Impacts

Detailed bill impacts for each rate class are provided in Appendix 3.

In Table 5, CPUC included bill impacts for its Residential customers that represent the 10<sup>th</sup> consumption percentile. To calculate this, CPUC extracted the 2016 actual average monthly residential kWh usage from the customer database, filtering out customers that had less than 12 months of consumption and those that used less than 50 kWh per month. The data was sorted to determine 10% of the total CPUC residential customer count with the lowest average usage. The results indicated that 10% of CPUC's residential customers use 405 kWh per month or less.

The total bill impact of the elements proposed in this application for all customers classes, including the RPP customers consuming at the 10<sup>th</sup> percentile is below 10%, and as a result, no rate mitigation plans are necessary for this application.

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## 17.<u>2017 RRWF</u>

The Revenue Requirement Work Form from CPUC's 2012 Cost of Service Application (EB-2011-0322) is presented in Appendix 4.

~Respectfully Submitted~

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## **Certification of Evidence**

As Manager of Chapleau PUC (CPUC) I certify that, to the best of my knowledge, the evidence filed in CPUC's 2018 Incentive Rate-Setting Application is accurate, complete, and consistent with the requirements of the Chapter 3 Filing Requirements for Electricity Distribution Rate Applications as revised on July 20, 2017. I also confirm that internal controls and processes are in place for the preparation, review, verification, and oversight of any account balances that are being requested for disposal.

Respectfully submitted,

CHAPLEAU PUC

[Original Signed]

Alan Morin

Manager Chapleau PUC Email: <u>amorin.puc@chapleau.ca</u> Phone: 705-864-0111

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## **Index to Appendices**

The following are appended to and form part of this Application;

Appendix 1: Current Tariff Sheet

Appendix 2: Proposed Tariff Sheet

Appendix 3: Bill Impacts

Appendix 4: 2017 Revenue Requirement Work Form (RRWF)

Appendix 5: 2018 Rate Generator Model

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## **Appendix 1: Current Tariff Sheet**

Appendix A To Decision and Rate Order Tariff of Rates and Charges Board File No: EB-2014-0063 DATED: March 19, 2015

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

EB-2014-0063

## **RESIDENTIAL SERVICE CLASSIFICATION**

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively by a single family unit, non-commercial. This can be a separately metered living accommodation, town-house, apartment, semidetached, duplex, triplex or quadruplex with residential zoning. 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 - Delivery Component**

Service Charge	\$	24.04
Rate Rider for Disposition of Residual Historical Smart Meter Costs - effective until April 30, 2016	\$	2.26
Rate Rider for Disposition of Stranded Meter Costs - effective until April 30, 2016	\$	0.90
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0140
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Disposition of Deferral/Variance Accounts (2012) - effective until April 30, 2016	\$/kWh	(0.0034)
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2016	\$/kWh	(0.0021)
Rate Rider for Disposition of Global Adjustment Account (2014) - effective until April 30, 2016		
Applicable only for Non RPP Customers	\$/kWh	0.0024
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2016	\$/kWh	(0.0014)
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until April 30, 2016		
Applicable only for Non RPP Customers	\$/kWh	0.0105
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044

Rural or Remote Electricity Rate Protection Charge (RRRP)\$/kWh0.0013Standard Supply Service - Administrative Charge (if applicable)\$0.25

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

EB-2014-0063

## **GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION**

This classification refers to a non residential account taking electricity at 750 volts or less whose average monthly average peak demand is less than, or is forecast to be less than, 50 kW. 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 - Delivery Component**

Service Charge	\$	35.18
Rate Rider for Disposition of Residual Historical Smart Meter Costs - effective until April 30, 2016	\$	3.29
Rate Rider for Disposition of Stranded Meter Costs - effective until April 30, 2016	\$	1.64
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0179
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Disposition of Deferral/Variance Accounts (2012) - effective until April 30, 2016	\$/kWh	(0.0030)
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2016	\$/kWh	(0.0021)
Rate Rider for Disposition of Global Adjustment Account (2014) - effective until April 30, 2016		
Applicable only for Non RPP Customers	\$/kWh	0.0024
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2016	\$/kWh	(0.0015)
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until April 30, 2016		
Applicable only for Non RPP Customers	\$/kWh	0.0105
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0060
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016
MONTHLY RATES AND CHARGES - Regulatory Component		

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2014-0063

## **GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION**

This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. 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.

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

Service Charge	\$	193.66
Rate Rider for Disposition of Residual Historical Smart Meter Costs - effective until April 30, 2016	\$	6.10
Distribution Volumetric Rate	\$/kW	3.6185
Low Voltage Service Rate	\$/kW	0.2256
Rate Rider for Disposition of Deferral/Variance Accounts (2012) - effective until April 30, 2016	\$/kW	(0.7046)
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2016	\$/kW	(0.8028)
Rate Rider for Disposition of Global Adjustment Account (2014) - effective until April 30, 2016		
Applicable only for Non RPP Customers	\$/kW	0.9020
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2016	\$/kW	(0.6032)
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until April 30, 2016		
Applicable only for Non RPP Customers	\$/kW	4.1151
Retail Transmission Rate - Network Service Rate	\$/kW	2.5062
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.5763
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044

Wholesale Market bervice rate	Ψ/ΚΨΨΠ	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2014-0063

## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is un-metered. Such connections include cable TV, power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. 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.

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It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to 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**

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	24.99
Distribution Volumetric Rate	\$/kWh	0.0336
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Disposition of Deferral/Variance Accounts (2012) - effective until April 30, 2016	\$/kWh	(0.0177)
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2016	\$/kWh	(0.0029)
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2016	\$/kWh	(0.0015)
Retail Transmission Rate - Network Service Rate   Retail Transmission Rate - Line and Transformation Connection Service Rate   MONTHLY RATES AND CHARGES - Regulatory Component   Wholesale Market Service Rate   Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh \$/kWh \$/kWh \$/kWh	0.0060 0.0016 0.0044 0.0013

\$

0.25

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

EB-2014-0063

## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. 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.

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

Service Charge	\$	8.65
Distribution Volumetric Rate	\$/kW	15.0437
Low Voltage Service Rate	\$/kW	0.2261
Rate Rider for Disposition of Deferral/Variance Accounts (2012) - effective until April 30, 2016	\$/kW	(2.5846)
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2016	\$/kW	(0.8234)
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2016	\$/kW	(0.6109)
Retail Transmission Rate - Network Service Rate	\$/kW	1.8998
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.4549
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Pural or Pomoto Electricity Pate Protection Charge (PPPP)	\$/k\\/b	0.0013

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\$/kWh	0.0013
\$	0.25
	<b>1</b>

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

EB-2014-0063

## STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

Service Charge Distribution Volumetric Rate Low Voltage Service Rate Rate Rider for Disposition of Deferral/Variance Accounts (2012) - effective until April 30, 2016 Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2016 Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2016 Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2016 Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$ \$/kW \$/kW \$/kW \$/kW \$/kW \$/kW	4.43 20.6218 0.2173 (1.6069) (0.7525) (0.5828) 1.8902 0.4456
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2014-0063

## microFIT 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

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

Service Charge

5.40

\$
## Chapleau Public Utilities Corporation TARIFF OF RATES AND CHARGES Effective and Implementation Date May 1, 2015

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

EB-2014-0063

## ALLOWANCES

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

## SPECIFIC SERVICE CHARGES

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.

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#### **Customer Administration**

Arrears certificate	\$	15.00
Credit Reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque charge (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account		
Late Payment – per month	%	1.50
Late Payment – per annum	%	19.56
Collection of account charge – no disconnection	\$	30.00
Disconnect/Reconnect at meter – during regular hours	\$	65.00
Install/Remove load control device – during regular hours	\$	65.00
Other		
Specific Charge for Access to the Power Poles - \$/pole/year	\$	22.35

## Chapleau Public Utilities Corporation TARIFF OF RATES AND CHARGES Effective and Implementation Date May 1, 2015

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

EB-2014-0063

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

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.

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

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

## LOSS FACTORS

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

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0654
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0506

Chapleau PUC File No. EB-2017-0337 Page 29 of 34

# **Appendix 2: Proposed Tariff Sheet**

Effective and Implementation Date May 1, 2018 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2017-0337

## **RESIDENTIAL SERVICE CLASSIFICATION**

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively by a single family unit, non-commercial. This can be a separately metered living accommodation, town-house, apartment, semidetached, duplex, triplex or quadruplex with residential zoning. 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.

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

Service Charge	\$	28.16
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2019	\$	(0.10)
Distribution Volumetric Rate	\$/kWh	0.0107
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	0.0126
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2019	\$/kWh	(0.0073)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0017
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032

Wholesale Market Service Rate (WMS) - not including CBR\$/kWh0.0032Capacity Based Recovery (CBR) - Applicable for Class B Customers\$/kWh0.0004Rural or Remote Electricity Rate Protection Charge (RRRP)\$/kWh0.00

Effective and Implementation Date May 1, 2018 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2017-0337

\$/kWh

\$/kWh

0.0004

0.00

## Standard Supply Service - Administrative Charge (if applicable)

This classification refers to a non residential account taking electricity at 750 volts or less whose average monthly average peak demand is less than, or is forecast to be less than, 50 kW. 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.

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

Capacity Based Recovery (CBR) - Applicable for Class B Customers

Rural or Remote Electricity Rate Protection Charge (RRRP)

Service Charge	\$	35.69
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0182
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	0.0126
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2019	\$/kWh	(0.0073)
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2019	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0058
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0017
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032

Effective and Implementation Date May 1, 2018 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2017-0337

## Standard Supply Service - Administrative Charge (if applicable)

This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. 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.

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

Service Charge	\$	196.47
Distribution Volumetric Rate	\$/kW	3.6710
Low Voltage Service Rate	\$/kW	0.2256
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	0.0126
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2019	\$/kW	(3.1299)
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2019	\$/kW	(0.0148)
Retail Transmission Rate - Network Service Rate	\$/kW	2.4040
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.6249
MONTHLY RATES AND CHARGES - Regulatory Component		

Wholesale Market Service Rate (WMS) - not including CBR\$/kWh0.0032Capacity Based Recovery (CBR) - Applicable for Class B Customers\$/kWh0.0004Rural or Remote Electricity Rate Protection Charge (RRRP)\$/kWh0.00

Effective and Implementation Date May 1, 2018 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2017-0337

## Standard Supply Service - Administrative Charge (if applicable)

This classification refers to an account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is un-metered. Such connections include cable TV, power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. 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 - Delivery Component**

Service Charge	\$	25.35
Distribution Volumetric Rate	\$/kWh	0.0341
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2019	\$/kWh	(0.0072)
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2019	\$/kWh	(0.0016)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0058
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0017
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.00

Effective and Implementation Date May 1, 2018 This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2017-0337

### Standard Supply Service - Administrative Charge (if applicable)

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. 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.

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

Service Charge	\$	8.78
Distribution Volumetric Rate	\$/kW	15.2618
Low Voltage Service Rate	\$/kW	0.2261
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2019	\$/kW	(2.5498)
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2019	\$/kW	(0.0852)
Retail Transmission Rate - Network Service Rate	\$/kW	1.8224
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.4932
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/k\\/b	0 0032

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.00

Effective and Implementation Date May 1, 2018 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2017-0337

\$/kWh

0.00

## Standard Supply Service - Administrative Charge (if applicable)

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to 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**

Rural or Remote Electricity Rate Protection Charge (RRRP)

Service Charge	\$	4.49
Distribution Volumetric Rate	\$/kW	20.9208
Low Voltage Service Rate	\$/kW	0.2173
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2019	\$/kW	(2.5722)
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2019	\$/kW	(0.0899)
Retail Transmission Rate - Network Service Rate	\$/kW	1.8131
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.4832
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004

Effective and Implementation Date May 1, 2018 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

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## Standard Supply Service - Administrative Charge (if applicable)

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 execpt 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.

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

Service Charge

\$

5.40

Effective and Implementation Date May 1, 2018 This schedule supersedes and replaces all previously approved schedules of Rates. Charges and Loss Factors

EB-2017-0337

## **ALLOWANCES**

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

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EB-2017-0337

## SPECIFIC SERVICE CHARGES

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
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned Cheque (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Disconnect/Reconnect at Meter - during regular hours	\$	65.00
Install/Remove Load Control Device - during regular hours	\$	65.00
Other		
Specific charge for access to the power poles - \$/pole/year	\$	22.35

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EB-2017-0337

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

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.

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

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

Effective and Implementation Date May 1, 2018 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

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## LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle. Total Loss Factor - Secondary Metered Customer < 5,000 kW Total Loss Factor - Primary Metered Customer < 5,000 kW 1.0506

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# **Appendix 3: Bill Impacts**



The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for Non-RPP (retailer) as well. To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customers to residential customers, 10% of a distributor's residential customers consumption on a monthly basis). Refer to section 3.2.3 of the Chapter 3 Filing Requirements For Electricity Distributions.

For certain classes where one or more customers have unique consumption and demand patterns and which may be significantly impacted by the proposed rate changes, the distributor must show a typical comparison, and provide an explanation.

#### Note:

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2017 of \$0.1101/kWh (IESO's Monthly Market Report for May 2017, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.

2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

Note that cells with the highlighted color shown to the left indicate quantities that are loss adjusted.

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	RPP? Non-RPP Retailer? Non-RPP Other?	Current Loss Factor (eg: 1.0351)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	<b>RTSR</b> Demand or Demand- Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0654	1.0654	750		N/A	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	RPP	1.0654	1.0654	2,000		N/A	
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	RPP	1.0654	1.0654	42,000	115	DEMAND	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0654	1.0654	85		N/A	1
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Retailer)	1.0654	1.0654	100	0	DEMAND	1
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Retailer)	1.0654	1.0654	69	0	DEMAND	1
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0654	1.0654	405		N/A	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0654	1.0654	750		N/A	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0654	1.0654	405		N/A	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0654	1.0654	1,200		N/A	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0654	1.0654	1,200		N/A	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0654	1.0654	2,000		N/A	
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	Non-RPP (Retailer)	1.0654	1.0654	42,000	115	DEMAND	
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								

#### Table 2

RATE CLASSES / CATEGORIES			Total						
(eg: Residential TOU, Residential Retailer)	Units	А			В		С	A + B + C	
		\$	%	\$	%	\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 1.55	4.5%	\$ (3.86)	-9.7%	\$ (4.01)	-8.6%	\$ (4.89)	-4.1%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	\$ 0.91	1.3%	\$ (13.49)	-16.1%	\$ (13.70)	-13.7%	\$ (16.18)	-5.3%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - RPP	kW	\$ 7.15	1.2%	\$ (350.59)	-55.1%	\$ (356.75)	-36.0%	\$ (443.58)	-7.6%
JNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ 0.27	1.0%	\$ (0.35)	-1.2%	\$ (0.35)	-1.2%	\$ (0.48)	-1.1%
SENTINEL LIGHTING SERVICE CLASSIFICATION - Non-RPP (Retailer)	kW	\$ 0.16	1.3%	\$ (0.45)	-3.4%	\$ (0.46)	-3.3%	\$ (0.61)	-2.1%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Retailer)	kW	\$ 0.10	1.2%	\$ (0.41)	-4.5%	\$ (0.42)	-4.4%	\$ (0.54)	-2.6%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 2.68	9.0%	\$ (0.23)	-0.7%	\$ (0.32)	-0.9%	\$ (0.70)	-0.9%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ 1.55	4.5%	\$ 5.60	13.6%	\$ 5.44	11.3%	\$ 5.42	3.6%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ 2.68	9.0%	\$ 4.87	14.5%	\$ 4.78	12.8%	\$ 5.02	5.3%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 0.06	0.1%	\$ (8.58)	-17.6%	\$ (8.84)	-14.8%	\$ (10.35)	-6.0%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ 0.06	0.1%	\$ 6.54	12.8%	\$ 6.28	10.2%	\$ 5.95	2.6%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - Non-RPP (Retaile	kWh	\$ 0.91	1.3%	\$ 11.71	13.4%	\$ 11.50	11.1%	\$ 11.07	2.8%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Retailer)	kW	\$ 7.15	1.2%	\$ 178.62	28.1%	\$ 172.45	17.4%	\$ 154.42	2.1%

RPP / Non-RPP:	RPP												
Consumption	750	kWh											
Demand	-	kW											
Current Loss Factor	1.0654												
Proposed/Approved Loss Factor	1.0654												
· · · ·													
			t OEB-Approve	∋d				Proposed				lm	pact
		Rate	Volume		Charge		Rate	Volume		Charge			
		(\$)			(\$)		(\$)		•	(\$)		Change	% Change
Monthly Service Charge		\$ 24 \$ 0.0 <sup>4</sup>		1\$ 0\$	24.04 10.50	\$ \$	28.16 0.0107	1 750	\$	28.16 8.03		4.12 (2.48)	17.14% -23.57%
Distribution Volumetric Rate		\$ 0.0 <sup>4</sup>	40 /50	1 5	10.50	\$	(0.10)	750	\$ \$	(0.10)		(2.48) (0.10)	-23.57%
Fixed Rate Riders Volumetric Rate Riders		э \$	750	) \$	-	ф с	(0.10)	750		(0.10)	э S	(0.10)	
Sub-Total A (excluding pass through)		*	750	S S	34.54	Ψ	-	750	\$	36.09	ŝ	1.55	4.47%
Line Losses on Cost of Power		\$ 0.08	22 49		4.03	s	0.0822	49	\$	4.03		-	0.00%
Total Deferral/Variance Account Rate						Ţ			Ŧ				0.0070
Riders		\$	750	\$	-	-\$	0.0072	750	\$	(5.40)	\$	(5.40)	
CBR Class B Rate Riders		\$	750	\$	-	\$	-	750	\$	-	\$	-	
GA Rate Riders		\$			-	\$	-	750	\$	-	\$	-	
Low Voltage Service Charge		\$ 0.00	<b>06</b> 750	\$	0.45	\$	0.0006	750	\$	0.45	\$	-	0.00%
Smart Meter Entity Charge (if applicable)													
and/or any fixed (\$) Deferral/Variance		\$ 0	79	1\$	0.79	\$	0.79	1	\$	0.79	\$	-	0.00%
Account Rate Riders											-		
Additional Volumetric Rate Riders (Sheet 1	8)		750	\$	-	\$	-	750	\$	-	\$	-	
Sub-Total B - Distribution (includes				\$	39.81				\$	35.95	\$	(3.86)	-9.68%
Sub-Total A) RTSR - Network		\$ 0.00	68 799	\$	5.43	¢	0.0065	799	\$	5.19	¢	(0.24)	-4.41%
RTSR - Connection and/or Line and						· ·			•		•	. ,	
Transformation Connection		\$ 0.00	16 799	\$	1.28	\$	0.0017	799	\$	1.36	\$	0.08	6.25%
Sub-Total C - Delivery (including Sub-				•	46.52				•	42.51	•	(1.04)	0.000/
Total B)				\$	46.52				\$	42.51	\$	(4.01)	-8.63%
Wholesale Market Service Charge		\$ 0.00	44 799	\$	3.52	\$	0.0036	799	\$	2.88	\$	(0.64)	-18.18%
(WMSC)		\$ 0.00	44 799	Ŷ	5.52	φ	0.0030	199	φ	2.00	φ	(0.04)	-10.1070
Rural and Remote Rate Protection		\$ 0.00	03 799	s	0.24	\$	0.0003	799	\$	0.24	\$	-	0.00%
(RRRP)					-	· ·			•	-			
Standard Supply Service Charge		\$0	25	1\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
Debt Retirement Charge (DRC) TOU - Off Peak		\$ 0.06	<b>50</b> 400		04.00	•	0.0650	488	¢	31.69	¢		0.00%
TOU - Mid Peak		\$ 0.05			31.69 12.11	э S	0.0050	488	\$ \$	12.11		-	0.00%
TOU - On Peak		\$ 0.13			17.82		0.0350	135	э \$	17.82		-	0.00%
		ιψ 0.1.		Ŷ	17.02	Ψ	0.1520	135	Ψ	17.02	Ψ		0.00%
Total Bill on TOU (before Taxes)				\$	112.15	1			\$	107.49	\$	(4.65)	-4.15%
HST			3%	\$	14.58	1	13%		\$	13.97		(0.61)	-4.15%
8% Rebate			8%	\$	(8.97)		8%		\$	(8.60)		0.37	- / -
Total Bill on TOU				\$	117.75				\$	112.87		(4.89)	-4.15%
						-						. ,	

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION

Customer Class:	<b>GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSI</b>	FICATION
DDD / Non DDD:	BBB	

KFF/NUIHKFF.	RFF	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0654	
Proposed/Approved Loss Factor	1.0654	

	C	urrent OE	B-Approved					Proposed				In	pact
	Rate		Volume		arge		Rate	Volume		Charge			
	(\$)				\$)		(\$)			(\$)		Change	% Change
Monthly Service Charge	\$	35.18		\$	35.18	\$	35.69	1	\$	35.69		0.51	1.45%
Distribution Volumetric Rate	\$	0.0179	2000	\$	35.80	\$	0.0182	2000		36.40	\$	0.60	1.68%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	-	2000		-	-\$	0.0001	2000		(0.20)	\$	(0.20)	
Sub-Total A (excluding pass through)	-			\$	70.98				\$	71.89	\$	0.91	1.28%
Line Losses on Cost of Power	\$	0.0822	131	\$	10.75	\$	0.0822	131	\$	10.75	\$	-	0.00%
Total Deferral/Variance Account Rate	\$	-	2,000	\$	-	-\$	0.0072	2.000	\$	(14.40)	\$	(14.40)	
Riders			-			Ţ			·	()		()	
CBR Class B Rate Riders	\$	-		\$	-	\$	-	2,000	\$	-	\$	-	
GA Rate Riders	\$	-		\$	-	\$	-	2,000	\$	-	\$	-	
Low Voltage Service Charge	\$	0.0006	2,000	\$	1.20	\$	0.0006	2,000	\$	1.20	\$	-	0.00%
Smart Meter Entity Charge (if applicable)											-		
and/or any fixed (\$) Deferral/Variance	\$	0.79	1	\$	0.79	\$	0.79	1	\$	0.79	\$	-	0.00%
Account Rate Riders			0.000	•		•		0.000	•		•		
Additional Volumetric Rate Riders (Sheet 18)			2,000	\$	-	\$	-	2,000	\$		\$		
Sub-Total B - Distribution (includes				\$	83.72				\$	70.23	\$	(13.49)	-16.11%
Sub-Total A) RTSR - Network	¢	0.0060	2,131	<u>_</u>	12.78		0.0058	2,131	¢	12.36	\$	(0.43)	-3.33%
RTSR - Network RTSR - Connection and/or Line and	Þ	0.0060	2,131	\$	12.78	Þ	0.0058	2,131	\$	12.30	Þ	(0.43)	-3.33%
Transformation Connection	\$	0.0016	2,131	\$	3.41	\$	0.0017	2,131	\$	3.62	\$	0.21	6.25%
Sub-Total C - Delivery (including Sub-													
Total B)				\$	99.91				\$	86.21	\$	(13.70)	-13.72%
Wholesale Market Service Charge						_							
(WMSC)	\$	0.0044	2,131	\$	9.38	\$	0.0036	2,131	\$	7.67	\$	(1.70)	-18.18%
Rural and Remote Rate Protection													
(RRRP)	\$	0.0003	2,131	\$	0.64	\$	0.0003	2,131	\$	0.64	\$	-	0.00%
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
Debt Retirement Charge (DRC)	ŝ	0.0070	2,000	ŝ	14.00	ŝ	0.0070	2.000	\$	14.00	ŝ	-	0.00%
TOU - Off Peak	ŝ	0.0650		ŝ	84.50	ŝ	0.0650	1,300	\$	84.50	ŝ	-	0.00%
TOU - Mid Peak	\$	0.0950	340	ŝ	32.30	ŝ	0.0950	340	ŝ	32.30	ŝ	-	0.00%
TOU - On Peak	\$	0.1320	360	\$	47.52	ŝ	0.1320	360	\$	47.52	ŝ	-	0.00%
	<b>·</b> ·					, é			· ·		÷		
Total Bill on TOU (before Taxes)				\$	288.50	1			\$	273.09	\$	(15.41)	-5.34%
HST		13%		\$	37.50		13%		\$	35.50		(2.00)	-5.34%
8% Rebate		8%		\$	(23.08)	1	8%		\$	(21.85)		1.23	
Total Bill on TOU		070		\$	302.92		070		\$	286.74		(16.18)	-5.34%
	1											( 00)	

Customer Class: GENER	RAL SERVICE 50 TO	4,999 KW SERVICI	E CLASSIFIC	CATIO	N								
RPP / Non-RPP: RPP	40.000			J									
	42,000 kWh												
Demand	115 kW												
Current Loss Factor	1.0654												
Proposed/Approved Loss Factor	1.0654												
		Current OF	B-Approved	d				Proposed			n	Im	pact
		Rate	Volume	u I	Charge		Rate	Volume		Charge			μασι
		(\$)	Volume		(\$)		(\$)	Volume		(\$)	\$	Change	% Change
Monthly Service Charge	\$	193.66	1	\$	193.66	\$	196.47	1	\$	196.47	\$	2.81	1.45%
Distribution Volumetric Rate	\$	3.6185	115		416.13	\$	3.6710	115		422.17	ŝ	6.04	1.45%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	-	115	\$	-	-\$	0.0148	115	\$	(1.70)	\$	(1.70)	
Sub-Total A (excluding pass through)				\$	609.79				\$	616.93	\$	7.15	1.17%
Line Losses on Cost of Power	\$	-	-	\$	-	\$	-	-	\$	-	\$	-	
Total Deferral/Variance Account Rate	s	-	115	\$		_\$	3.1107	115	\$	(357.73)	\$	(357.73)	
Riders	÷	-	-		-	Ψ.	5.1107			(001.10)		(001.10)	
CBR Class B Rate Riders	\$	-	115		-	\$	-		\$	-	\$	-	
GA Rate Riders	\$			\$	-	\$	-	42,000	\$	-	\$	-	
Low Voltage Service Charge	\$	0.2256	115	\$	25.94	\$	0.2256	115	\$	25.94	\$	-	0.00%
Smart Meter Entity Charge (if applicable)				-							-		
and/or any fixed (\$) Deferral/Variance	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Account Rate Riders				~		•			•		•		
Additional Volumetric Rate Riders (Sheet 18)			115	\$	-	\$	-	115	\$	-	\$	-	
Sub-Total B - Distribution (includes				\$	635.73				\$	285.15	\$	(350.59)	-55.15%
Sub-Total A) RTSR - Network	s	2.5062	115	¢	288.21	\$	2.4040	115	\$	276.46	\$	(11.75)	-4.08%
RTSR - Connection and/or Line and						φ							
Transformation Connection	\$	0.5763	115	\$	66.27	\$	0.6249	115	\$	71.86	\$	5.59	8.43%
Sub-Total C - Delivery (including Sub-													
Total B)				\$	990.22				\$	633.47	\$	(356.75)	-36.03%
Wholesale Market Service Charge				-							-	(0.5.0.0)	10 1001
(WMSC)	\$	0.0044	44,747	\$	196.89	\$	0.0036	44,747	\$	161.09	\$	(35.80)	-18.18%
Rural and Remote Rate Protection	¢	0.0003	44,747	~	13.42		0.0003	44.747	¢	13.42	e		0.00%
(RRRP)	\$	0.0003	44,747	\$	13.42	Þ	0.0003	44,747	Э	13.42	Þ	-	
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
Debt Retirement Charge (DRC)	\$	0.0070	42,000		294.00		0.0070	42,000	\$	294.00	\$	-	0.00%
TOU - Off Peak	\$	0.0650	29,085		1,890.55		0.0650	29,085		1,890.55	\$	-	0.00%
TOU - Mid Peak	\$	0.0950		\$	722.66		0.0950	7,607	\$	722.66	\$	-	0.00%
TOU - On Peak	\$	0.1320	8,054	\$	1,063.18	\$	0.1320	8,054	\$	1,063.18	\$	-	0.00%
Total Bill on TOU (before Taxes)				\$	5,171.18	1			\$	4,778.63		(392.55)	-7.59%
HST		13%		\$	672.25		13%		\$	621.22		(51.03)	-7.59%
Total Bill on TOU				\$	5,843.43				\$	5,399.85	\$	(443.58)	-7.59%

Customer Class:	UNMETERED S	SCATTERED LOAD SERVICE CLASSIFICA	TION
RPP / Non-RPP:	Non-RPP (Reta	ailer)	
Consumption	85	kWh	
Demand	-	kW	
Current Loss Factor	1.0654		
Proposed/Approved Loss Factor	1.0654		

	Curre	nt OEB-Ap	pproved		1		Proposed		Impact			
	Rate	Vo	olume	Charge		Rate	Volume	Charge				
	(\$)			(\$)		(\$)		(\$)		6 Change	% Change	
Monthly Service Charge		.99			\$	25.35	1	\$ 25.35		0.36	1.44%	
Distribution Volumetric Rate	\$ 0.0	336		\$ 2.86	\$	0.0341	85	\$ 2.90	\$	0.04	1.49%	
Fixed Rate Riders	\$	-		\$ -	\$	-	1	\$-	\$	-		
Volumetric Rate Riders	\$	-	85		-\$	0.0016	85			(0.14)		
Sub-Total A (excluding pass through)				\$ 27.85				\$ 28.11		0.27	0.96%	
Line Losses on Cost of Power	\$ 0.1	101	6	\$ 0.61	\$	0.1101	6	\$ 0.61	\$	-	0.00%	
Total Deferral/Variance Account Rate	\$	-	85	s -	-\$	0.0072	85	\$ (0.61)	) s	(0.61)		
Riders					Ţ					()		
CBR Class B Rate Riders	\$	-		\$ -	\$	-	85	\$ -	\$	-		
GA Rate Riders	\$	-		\$ -	\$		85	\$ -	\$	-		
Low Voltage Service Charge	\$ 0.0	006	85	\$ 0.05	\$	0.0006	85	\$ 0.05	\$	-	0.00%	
Smart Meter Entity Charge (if applicable)					~							
and/or any fixed (\$) Deferral/Variance	\$	-	1	\$-	\$	-	1	\$-	\$	-		
Account Rate Riders			0.5	•	~			•	~			
Additional Volumetric Rate Riders (Sheet 18)			85	\$-	\$	-	85	\$-	\$	-		
Sub-Total B - Distribution (includes				\$ 28.51				\$ 28.16	\$	(0.35)	-1.21%	
Sub-Total A) RTSR - Network	\$ 0.0	260	91	\$ 0.54	*	0.0058	91	\$ 0.53	\$	(0,00)	2.000/	
RTSR - Network RTSR - Connection and/or Line and	\$ 0.0	000	91	ə 0.54	Φ	0.0056	91	\$ 0.53	¢	(0.02)	-3.33%	
Transformation Connection	\$ 0.0	016	91	\$ 0.14	\$	0.0017	91	\$ 0.15	\$	0.01	6.25%	
Sub-Total C - Delivery (including Sub-	1								-			
Total B)				\$ 29.20				\$ 28.84	\$	(0.35)	-1.21%	
Wholesale Market Service Charge												
(WMSC)	\$ 0.0	044	91	\$ 0.40	\$	0.0036	91	\$ 0.33	\$	(0.07)	-18.18%	
Rural and Remote Rate Protection												
(RRRP)	\$ 0.0	003	91	\$ 0.03	\$	0.0003	91	\$ 0.03	\$	-	0.00%	
Standard Supply Service Charge												
Debt Retirement Charge (DRC)	\$ 0.0	070	85	\$ 0.60	\$	0.0070	85	\$ 0.60	\$	-	0.00%	
Non-RPP Retailer Avg. Price	\$ 0.1	101	85			0.1101	85			-	0.00%	
				. 0.00			00		. ·		2.5070	
Total Bill on Non-RPP Avg. Price				\$ 39.58				\$ 39.15	\$	(0.43)	-1.08%	
HST		13%		\$ 5.14	1	13%		\$ 5.09	ŝ	(0.06)	-1.08%	
Total Bill on Non-RPP Avg. Price				\$ 44.72				\$ 44.24		(0.48)	-1.08%	
									T.			

Customer Class:	SENTINEL LIG	HTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Reta	ailer)	
Consumption	100	kWh	
Demand	0	kW	
Current Loss Factor	1.0654		
Proposed/Approved Loss Factor	1.0654		

			B-Approve	d			Proposed				Impact		
		Rate	Volume		Charge		Rate	Volume		Charge			
		(\$)			(\$)		(\$)			(\$)		Change	% Change
Monthly Service Charge	\$	8.65		\$	8.65	\$	8.78	1	\$	8.78	\$	0.13	1.50%
Distribution Volumetric Rate	\$	15.0437	0.24	\$	3.61	\$	15.2618	0.24	\$	3.66	\$	0.05	1.45%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$		0.24		-	-\$	0.0852	0.24		(0.02)		(0.02)	
Sub-Total A (excluding pass through)				\$	12.26			_	\$	12.42		0.16	1.32%
Line Losses on Cost of Power	\$	0.1101	7	\$	0.72	\$	0.1101	7	\$	0.72	\$	-	0.00%
Total Deferral/Variance Account Rate	\$		0	\$	-	-\$	2.5317	0	\$	(0.61)	\$	(0.61)	
Riders	•			Ť		Ţ			· ·	(0.01)	-	(0.01)	
CBR Class B Rate Riders	\$	-	0	\$	-	\$	-	0	\$	-	\$	-	
GA Rate Riders	\$		100	\$		\$		100	\$	-	\$	-	
Low Voltage Service Charge	\$	0.2261	0	\$	0.05	\$	0.2261	0	\$	0.05	\$	-	0.00%
Smart Meter Entity Charge (if applicable)													
and/or any fixed (\$) Deferral/Variance	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Account Rate Riders													
Additional Volumetric Rate Riders (Sheet 18)			0	\$	-	\$	-	0	\$	-	\$	-	
Sub-Total B - Distribution (includes				\$	13.03				\$	12.59	\$	(0.45)	-3.42%
Sub-Total A)									·		•	· ·	
RTSR - Network	\$	1.8998	0	\$	0.46	\$	1.8224	0	\$	0.44	\$	(0.02)	-4.07%
RTSR - Connection and/or Line and	\$	0.4549	0	\$	0.11	\$	0.4932	0	\$	0.12	\$	0.01	8.42%
Transformation Connection	Ŧ	0.1010	•	Ÿ	0.11	Ť	0001	, e	Ŷ	0.12	Ť	0.01	0:1270
Sub-Total C - Delivery (including Sub-				\$	13.60				\$	13.14	\$	(0.46)	-3.35%
Total B)				*					•		*	()	
Wholesale Market Service Charge	\$	0.0044	107	\$	0.47	\$	0.0036	107	\$	0.38	\$	(0.09)	-18.18%
(WMSC)	Ŧ								-		*	()	
Rural and Remote Rate Protection	\$	0.0003	107	\$	0.03	\$	0.0003	107	\$	0.03	\$	-	0.00%
(RRRP)				*		· ·			•		*		
Standard Supply Service Charge													
Debt Retirement Charge (DRC)	\$	0.0070		\$	0.70		0.0070	100	\$	0.70		-	0.00%
Non-RPP Retailer Avg. Price	\$	0.1101	100	\$	11.01	\$	0.1101	100	\$	11.01	\$	-	0.00%
										AF		(0.5.1)	
Total Bill on Non-RPP Avg. Price	1			\$	25.81	1			\$	25.27		(0.54)	-2.09%
HST		13%		\$	3.36		13%		\$	3.29	\$	(0.07)	-2.09%
Total Bill on Non-RPP Avg. Price				\$	29.17				\$	28.56	\$	(0.61)	-2.09%

Customer Class:	STREET LIGH	TING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Reta	ailer)	
Consumption	69	kWh	
Demand	0	kW	
Current Loss Factor	1.0654		
Proposed/Approved Loss Factor	1.0654		

	Current OEB-Approved			Proposed					Impact			
		Rate	Volume	Charge		Rate	Volume	Charge				
		(\$)		(\$)		(\$)		(\$)		Change	% Change	
Monthly Service Charge	\$	4.43	-	\$ 4.43	\$	4.49	1	\$ 4.49		0.06	1.35%	
Distribution Volumetric Rate	\$	20.6218	0.2	\$ 4.12	\$	20.9208	0.2	\$ 4.18	\$	0.06	1.45%	
Fixed Rate Riders	\$	-	1	\$-	\$	-	1	\$-	\$	-		
Volumetric Rate Riders	\$	-	0.2	\$-	-\$	0.0899	0.2			(0.02)		
Sub-Total A (excluding pass through)				\$ 8.55				\$ 8.66		0.10	1.19%	
Line Losses on Cost of Power	\$	0.1101	5	\$ 0.50	\$	0.1101	5	\$ 0.50	\$	-	0.00%	
Total Deferral/Variance Account Rate	\$		0	s -	-\$	2.5540	0	\$ (0.51	) \$	(0.51)		
Riders	Ť				T.	2.00.0	-		· ·	(0.01)		
CBR Class B Rate Riders	\$	-	0	\$-	\$	-	0	\$-	\$	-		
GA Rate Riders	\$		69	\$ -	\$		69	\$ -	\$	-		
Low Voltage Service Charge	\$	0.2173	0	\$ 0.04	\$	0.2173	0	\$ 0.04	\$	-	0.00%	
Smart Meter Entity Charge (if applicable)												
and/or any fixed (\$) Deferral/Variance	\$	-	1	\$-	\$	-	1	\$-	\$	-		
Account Rate Riders												
Additional Volumetric Rate Riders (Sheet 18)			0	ş -	\$	-	0	\$-	\$	-		
Sub-Total B - Distribution (includes				\$ 9.09				\$ 8.69	\$	(0.41)	-4.50%	
Sub-Total A)	•	1 0000				4.0404			<u> </u>	• •		
RTSR - Network	\$	1.8902	0	\$ 0.38	\$	1.8131	0	\$ 0.36	\$	(0.02)	-4.08%	
RTSR - Connection and/or Line and	\$	0.4456	0	\$ 0.09	\$	0.4832	0	\$ 0.10	\$	0.01	8.44%	
Transformation Connection	· ·				· ·				<u> </u>			
Sub-Total C - Delivery (including Sub-				\$ 9.56				\$ 9.14	\$	(0.42)	-4.36%	
Total B)								•	<u> </u>	( )		
Wholesale Market Service Charge	\$	0.0044	74	\$ 0.32	\$	0.0036	74	\$ 0.26	\$	(0.06)	-18.18%	
(WMSC)										. ,		
Rural and Remote Rate Protection	\$	0.0003	74	\$ 0.02	\$	0.0003	74	\$ 0.02	\$	-	0.00%	
(RRRP)												
Standard Supply Service Charge	\$	0.0070				0.0070					0.000/	
Debt Retirement Charge (DRC)	ֆ Տ	0.0070		\$ 0.48		0.0070	69			-	0.00%	
Non-RPP Retailer Avg. Price	\$	0.1101	69	\$ 7.60	Þ	0.1101	69	\$ 7.60	\$	-	0.00%	
Tatal Bill an Nan BBB Ave. Brian				\$ 17.99				¢ 47.54	1.0	(0.49)	-2.64%	
Total Bill on Non-RPP Avg. Price		13%			1	13%		\$ 17.51 \$ 2.28		(0.48)	-2.64%	
		13%		\$ 2.34 \$ 20.33		13%		\$ 2.28 \$ 19.79		(0.06)		
Total Bill on Non-RPP Avg. Price				ə 20.33				ə 19.79	\$	(0.54)	-2.64%	

Customer Class: RES										1				
RPP / Non-RPP: RPF		ERVICE CLASSIF	ICATION							l				
Consumption		kWh												
· · ·														
Demand		kW												
Current Loss Factor	1.0654													
Proposed/Approved Loss Factor	1.0654													
	Г		Current OF	B-Approved	1		1		Proposed				lm	pact
	F	Rate	041101110	Volume		arge		Rate	Volume		Charge			
		(\$)				(\$)		(\$)			(\$)	\$	Change	% Change
Monthly Service Charge	F	\$	24.04	1	\$	24.04	\$	28.16	1	\$	28.16	\$	4.12	17.14%
Distribution Volumetric Rate		\$	0.0140	405	\$	5.67	\$	0.0107	405	\$	4.33	\$	(1.34)	-23.57%
Fixed Rate Riders		\$	-	1	\$	-	\$	(0.10)	1	\$	(0.10)		(0.10)	
Volumetric Rate Riders		\$	-	405		-	\$		405		-	\$	-	
Sub-Total A (excluding pass through)		•			\$	29.71				\$	32.39	\$	2.68	9.03%
Line Losses on Cost of Power		\$	0.0822	26	\$	2.18	\$	0.0822	26	\$	2.18	\$	-	0.00%
Total Deferral/Variance Account Rate		\$	-	405	\$	-	-\$	0.0072	405	\$	(2.92)	\$	(2.92)	
Riders		•									. ,		. ,	
CBR Class B Rate Riders		ծ Տ	-		\$	-	\$ \$	-	405 405	\$	-	\$	-	
GA Rate Riders Low Voltage Service Charge		¢	0.0006		\$ \$	- 0.24	э \$	0.0006	405	\$	- 0.24	\$ \$		0.00%
		¢	0.0006	405	à	0.24	φ	0.0006	405	Э	0.24	¢	-	0.00%
Smart Meter Entity Charge (if applicable)		\$	0.79	1	\$	0.79	\$	0.79	1	\$	0.79	\$	-	0.00%
and/or any fixed (\$) Deferral/Variance		ş	0.75	'	φ	0.75	φ	0.75	1	φ	0.79	φ	-	0.00 %
Account Rate Riders Additional Volumetric Rate Riders (Sheet 18)				405	\$	_	\$	-	405	\$		\$	_	
Sub-Total B - Distribution (includes				400	·		Ť	-	400					
Sub-Total A)					\$	32.92				\$	32.69	\$	(0.23)	-0.71%
RTSR - Network		\$	0.0068	431	\$	2.93	\$	0.0065	431	\$	2.80	\$	(0.13)	-4.41%
RTSR - Connection and/or Line and		\$	0.0016	431	\$	0.69	\$	0.0017	431	\$	0.73	e	0.04	6.25%
Transformation Connection		Ψ	0.0010	431	φ	0.09	Ŷ	0.0017	431	9	0.73	ę	0.04	0.2378
Sub-Total C - Delivery (including Sub-					s	36.54				\$	36.22	\$	(0.32)	-0.87%
Total B)										•		•	( ,	
Wholesale Market Service Charge		\$	0.0044	431	\$	1.90	\$	0.0036	431	\$	1.55	\$	(0.35)	-18.18%
(WMSC) Rural and Remote Rate Protection														
(RRRP)		\$	0.0003	431	\$	0.13	\$	0.0003	431	\$	0.13	\$	-	0.00%
Standard Supply Service Charge		\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
Debt Retirement Charge (DRC)		•	0.20		Ŷ	0.20	Ť.,	0.20		Ŷ	0.20	Ŷ		0.0070
TOU - Off Peak		\$	0.0650	263	S	17.11	\$	0.0650	263	\$	17.11	\$	-	0.00%
TOU - Mid Peak		\$	0.0950		ŝ	6.54	\$	0.0950	69	\$	6.54	\$	-	0.00%
TOU - On Peak		\$	0.1320	73	\$	9.62	\$	0.1320	73	\$	9.62		-	0.00%
				-				-		-				
Total Bill on TOU (before Taxes)					\$	72.10				\$	71.43		(0.66)	-0.92%
HST			13%		\$	9.37		13%		\$	9.29		(0.09)	-0.92%
8% Rebate			8%		\$	(5.77)		8%		\$	(5.71)		0.05	
Total Bill on TOU					\$	75.70				\$	75.00	\$	(0.70)	-0.92%

Customer Class:	RESIDENTIAL	SERVICE CL	ASSIFICATION											
RPP / Non-RPP:	Non-RPP (Reta	iler)												
Consumption	750													
Demand		kW												
Current Loss Factor	1.0654													
Proposed/Approved Loss Factor	1.0654													
		_												
				B-Approve	d				Proposed				lm	pact
			Rate (\$)	Volume		Charge (\$)		Rate (\$)	Volume		Charge (\$)	e	Change	% Change
Monthly Service Charge		\$	(\$) 24.04	1	\$	(*)	\$	28.16	1	\$	28.16		4.12	17.14%
Distribution Volumetric Rate		\$	0.0140	750		10.50	ŝ	0.0107	750	\$	8.03		(2.48)	-23.57%
Fixed Rate Riders		\$	0.0140	1 1	\$	10.50	\$	(0.10)	1 1	\$	(0.10)		(0.10)	-20.01 /0
Volumetric Rate Riders		ŝ	-	750		-	ŝ	(0.10)	750		(0.10)	ŝ	(0.10)	
Sub-Total A (excluding pass through)		•		100	Š	34.54	Ť			Š	36.09	Š	1.55	4.47%
Line Losses on Cost of Power		\$	0.1101	49		5.40	\$	0.1101	49	\$	5.40	\$	-	0.00%
Total Deferral/Variance Account Rate		*		750	\$			0.0072	750	•	(5.10)		(5.40)	
Riders		\$	-	750	\$	-	-\$	0.0072	750	\$	(5.40)	\$	(5.40)	
CBR Class B Rate Riders		\$	-	750	\$	-	\$	-	750	\$	-	\$	-	
GA Rate Riders		\$	-	750	\$	-	\$	0.0126	750	\$	9.45	\$	9.45	
Low Voltage Service Charge		\$	0.0006	750	\$	0.45	\$	0.0006	750	\$	0.45	\$	-	0.00%
Smart Meter Entity Charge (if applicable)														
and/or any fixed (\$) Deferral/Variance		\$	0.79	1	\$	0.79	\$	0.79	1	\$	0.79	\$	-	0.00%
Account Rate Riders														
Additional Volumetric Rate Riders (Sheet 1	8)			750	\$	-	\$	-	750	\$	-	\$	-	
Sub-Total B - Distribution (includes					\$	41.18				\$	46.78	ŝ	5.60	13.59%
Sub-Total A)						-				·		Ŧ		
RTSR - Network		\$	0.0068	799	\$	5.43	\$	0.0065	799	\$	5.19	\$	(0.24)	-4.41%
RTSR - Connection and/or Line and		\$	0.0016	799	\$	1.28	\$	0.0017	799	\$	1.36	\$	0.08	6.25%
Transformation Connection					·		· ·					· .		
Sub-Total C - Delivery (including Sub- Total B)					\$	47.89				\$	53.33	\$	5.44	11.35%
Wholesale Market Service Charge														
(WMSC)		\$	0.0044	799	\$	3.52	\$	0.0036	799	\$	2.88	\$	(0.64)	-18.18%
Rural and Remote Rate Protection														
(RRRP)		\$	0.0003	799	\$	0.24	\$	0.0003	799	\$	0.24	\$	-	0.00%
Standard Supply Service Charge														
Debt Retirement Charge (DRC)														
Non-RPP Retailer Avg. Price		\$	0.1101	750	\$	82.58	\$	0.1101	750	\$	82.58	\$	-	0.00%
					·									
Total Bill on Non-RPP Avg. Price					\$	134.22				\$	139.02	\$	4.80	3.57%
HST			13%		\$	17.45		13%		\$	18.07	\$	0.62	3.57%
8% Rebate			8%		Ľ	-		8%				1		
Total Bill on Non-RPP Avg. Price					\$	151.67				\$	157.09	\$	5.42	3.57%

Customer Class: RESII RPP / Non-RPP: Non-F	DENTIAL SERVIC	E CLASSIFICATION								
Consumption	405 kWh									
Demand	- kW									
Current Loss Factor	1.0654									
Proposed/Approved Loss Factor	1.0654									
	<b></b>	Current OF	B-Approved	1	1		Proposed		1	mpact
		Rate	Volume	Charge		Rate	Volume	Charge		ipuot
		(\$)	, elamo	(\$)		(\$)	, oranio	(\$)	\$ Change	% Change
Monthly Service Charge	\$	24.04	1		\$	28.16		\$ 28.16		
Distribution Volumetric Rate	\$	0.0140	405	\$ 5.67	\$	0.0107	405			) -23.57%
Fixed Rate Riders	\$	-	1	\$-	\$	(0.10)	1	\$ (0.10)	\$ (0.10	)
Volumetric Rate Riders	\$	-	405		\$		405		\$-	
Sub-Total A (excluding pass through)				\$ 29.71				\$ 32.39		
Line Losses on Cost of Power	\$	0.1101	26	\$ 2.92	\$	0.1101	26	\$ 2.92	\$-	0.00%
Total Deferral/Variance Account Rate	\$		405	\$-	-\$	0.0072	405	\$ (2.92)	\$ (2.92	
Riders	*					0.000.2				,
CBR Class B Rate Riders	\$	-	405	\$-	\$		405	\$-	\$-	
GA Rate Riders	\$	-	405	\$ -	\$	0.0126	405		\$ 5.10	
Low Voltage Service Charge	\$	0.0006	405	\$ 0.24	\$	0.0006	405	\$ 0.24	\$-	0.00%
Smart Meter Entity Charge (if applicable)										
and/or any fixed (\$) Deferral/Variance	\$	0.79	1	\$ 0.79	\$	0.79	1	\$ 0.79	\$-	0.00%
Account Rate Riders				_						
Additional Volumetric Rate Riders (Sheet 18)			405	\$-	\$	-	405	\$-	\$-	
Sub-Total B - Distribution (includes				\$ 33.66				\$ 38.53	\$ 4.87	14.47%
Sub-Total A) RTSR - Network	\$	0.0068	431	\$ 2.93	\$	0.0065	431	\$ 2.80	\$ (0.13	-4.41%
RTSR - Connection and/or Line and	φ	0.0088		ə 2.93	φ	0.0005	431	φ <u>2.00</u>	\$ (0.13	,
Transformation Connection	\$	0.0016	431	\$ 0.69	\$	0.0017	431	\$ 0.73	\$ 0.04	6.25%
Sub-Total C - Delivery (including Sub-										
Total B)				\$ 37.28				\$ 42.07	\$ 4.78	12.83%
Wholesale Market Service Charge	s	0.0044	101	• • • • •		0.0036	101	\$ 1.55	e (0.05	10.400/
(WMSC)	Þ	0.0044	431	\$ 1.90	\$	0.0036	431	\$ 1.55	\$ (0.35	) -18.18%
Rural and Remote Rate Protection	\$	0.0003	431	\$ 0.13	\$	0.0003	431	\$ 0.13	s -	0.00%
(RRRP)	φ	0.0003	431	ф 0.15	φ	0.0003	431	φ 0.13	ф -	0.00%
Standard Supply Service Charge										
Debt Retirement Charge (DRC)										
Non-RPP Retailer Avg. Price	\$	0.1101	405	\$ 44.59	\$	0.1101	405	\$ 44.59	\$-	0.00%
Total Bill on Non-RPP Avg. Price				\$ 83.90	1			\$ 88.34		
HST		13%		\$ 10.91	1	13%		\$ 11.48	\$ 0.58	5.29%
8% Rebate		8%				8%				
Total Bill on Non-RPP Avg. Price				\$ 94.81				\$ 99.83	\$ 5.02	5.29%

Customer Class: RESIDEN	TIAL SERVICE CI	LASSIFICATION					]		
RPP / Non-RPP: RPP									
Consumption 1,	200 kWh								
Demand	- kW								
Current Loss Factor 1.0	0654								
Proposed/Approved Loss Factor 1.0	0654								
			B-Approve			Proposed		Im	pact
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$	(*) 24.04	1	\$ 24.04		1	\$ 28.16		17.14%
Distribution Volumetric Rate	ŝ	0.0140	1200		\$ 0.0107	1200			-23.57%
Fixed Rate Riders	ŝ	-	00	\$ -	\$ (0.10		\$ (0.10)		20.01 //
Volumetric Rate Riders	š	-	1200	\$ -	\$ -	1200		\$ -	
Sub-Total A (excluding pass through)	*		1200	\$ 40.84	Ŧ	1200	\$ 40.90		0.15%
Line Losses on Cost of Power	\$	0.0822	78	\$ 6.45	\$ 0.0822	78	\$ 6.45	\$ -	0.00%
Total Deferral/Variance Account Rate				-				• • • • •	
Riders	\$	-	1,200	\$-	-\$ 0.0072	1,200	\$ (8.64)	\$ (8.64)	
CBR Class B Rate Riders	\$	-	1,200	s -	\$ -	1.200	\$ -	s -	
GA Rate Riders	\$	-	1,200	\$ -	\$ -	1,200	\$ -	\$ -	
Low Voltage Service Charge	\$	0.0006	1,200	\$ 0.72	\$ 0.0006	1.200	\$ 0.72	\$ -	0.00%
Smart Meter Entity Charge (if applicable)						,			
and/or any fixed (\$) Deferral/Variance	\$	0.79	1	\$ 0.79	\$ 0.79	1	\$ 0.79	\$ -	0.00%
Account Rate Riders									
Additional Volumetric Rate Riders (Sheet 18)			1,200	\$-	\$ -	1,200	\$ -	\$ -	
Sub-Total B - Distribution (includes				\$ 48.80			\$ 40.22	\$ (8.58)	-17.58%
Sub-Total A)				•			•	,	
RTSR - Network	\$	0.0068	1,278	\$ 8.69	\$ 0.0065	1,278	\$ 8.31	\$ (0.38)	-4.41%
RTSR - Connection and/or Line and	\$	0.0016	1,278	\$ 2.05	\$ 0.0017	1,278	\$ 2.17	\$ 0.13	6.25%
Transformation Connection			1,210	¢		1,210	•	¢ 0.10	0.2070
Sub-Total C - Delivery (including Sub- Total B)				\$ 59.54			\$ 50.70	\$ (8.84)	-14.84%
Wholesale Market Service Charge	\$	0.0044	1,278	\$ 5.63	\$ 0.0036	1,278	\$ 4.60	\$ (1.02)	-18.18%
(WMSC)	Ŷ	0.0044	1,278	φ 5.03	φ 0.0036	1,278	φ 4.60	φ (1.02)	-10.18%
Rural and Remote Rate Protection	\$	0.0003	1,278	\$ 0.38	\$ 0.0003	1.278	\$ 0.38	\$ -	0.00%
(RRRP)	•		1,270	•				-	
Standard Supply Service Charge	\$	0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)									
TOU - Off Peak	\$	0.0650	780	\$ 50.70					0.00%
TOU - Mid Peak	\$	0.0950	204	\$ 19.38			\$ 19.38		0.00%
TOU - On Peak	\$	0.1320	216	\$ 28.51	\$ 0.1320	216	\$ 28.51	\$ -	0.00%
				\$ 164.39			\$ 154.53	\$ (9.86)	-6.00%
Total Bill on TOU (before Taxes) HST		120/		\$ 164.39 \$ 21.37	13%		\$ 154.53 \$ 20.09		-6.00%
8% Rebate		13% 8%		\$ 21.37 \$ (13.15)	13%		\$ 20.09 \$ (12.36)		-0.00%
Total Bill on TOU		8%		\$ (13.15) \$ 172.61	89	D	\$ (12.36) \$ 162.26		-6.00%
			_	φ 1/2.61			φ 102.20	a (10.35)	-0.00%

Customer Class:         RESIDENTIAL SERVICE CLASSIFICATION           RPP / Non-RPP           Non-RPP (Retailer)           Consumption           1.200         KWh           Demand         -         Proposed/Approved Loss Factor           Total Sector         Current OEB-Approved         Proposed/Approved Loss Factor           Monthly Service Charge         Sector         Current OEB-Approved         Proposed         Imp           Monthly Service Charge         Sector         Current OEB-Approved         Proposed         Imp           Monthly Service Charge         Sector         Current OEB-Approved         Proposed         Charge           Monthly Service Charge         Sector         Current OEB-Approved         Proposed         Charge           Monthly Service Charge         Sector         Current OEB-Approved         Proposed         Charge           Monthly Service Charge         Sector         Current OEB-Approved         Propo
Consumption Demand Current Loss Factor         1,200 1.0654         kWh kW           Proposed/Approved Loss Factor         1.0654           Monthly Service Charge         \$ 24.04         1 \$ 24.04         \$ 28.16         1 \$ 28.16         \$ 4.12           Monthly Service Charge         \$ 24.04         1 \$ 24.04         \$ 28.16         1 \$ 28.16         \$ 4.12           Distribution Volumetric Rate Fixed Rate Riders         \$ 0.0140         1200         \$ 16.80         \$ 0.0107         1200         \$ 24.84         \$ (0.10) <t< td=""></t<>
Demand Current Loss Factor         i.w           Proposed/Approved Loss Factor         1.0654 1.0654           Monthly Service Charge         \$         24.04         1         \$         24.04         \$         \$         28.16         1         \$         28.16         \$         \$         Charge         \$         \$         Charge         \$         \$         \$         Charge         \$
Current Loss Factor         1.0654           Proposed/Approved Loss Factor         1.0654         Imp           Rate         Volume         Charge         Rate         Volume         Charge         (\$)         Imp           Monthly Service Charge         \$         24.04         1         \$         24.04         \$         28.16         1         \$         Charge         (\$)         Charge         (\$)         \$         Charge         \$         \$         Charge         \$         \$         Charge         \$         \$         Charge
Proposed/Approved Loss Factor         1.0654           Current OEB-Approved         Proposed         Proposed         Imp           Monthly Service Charge         \$         Current OEB-Approved         Charge         Rate         Volume         Charge         (\$)         Imp           Monthly Service Charge         \$         24.04         1         \$         24.04         \$         \$         24.04         \$         \$         \$         Charge         (\$)         \$         \$         \$         Charge         (\$)         \$         \$         \$         \$         \$         Charge         (\$)         \$         \$         \$         Charge         (\$)         \$         \$         \$         \$         Charge         (\$)         \$         \$         \$         Charge         (\$)         \$         \$         \$         Charge         (\$)         \$         \$         Charge         \$         \$         Charge         \$         \$         Charge         \$         \$         Charge         \$         Charge         \$         Charge         \$         Charge         \$         Charge         \$         Charge         \$         Charge <t< td=""></t<>
Current OEB-Approved         Proposed         Imp           Monthly Service Charge         \$ Rate (\$)         Volume         Charge (\$)         Rate (\$)         Volume         Charge (\$)         Imp           Monthly Service Charge         \$ 24.04         1         \$ 24.04         1         \$ 24.04         \$ 28.16         1         \$ 28.16         \$ 4.12           Distribution Volumetric Rate         \$ 0.0140         1200         \$ 0.0107         1200         \$ 12.8.45         \$ (3.96)           Fixed Rate Riders         \$ -         1         \$ -         \$ (0.10)         1         \$ (0.10)
Rate (\$)         Volume (\$)         Charge (\$)         Rate (\$)         Volume (\$)         Charge (\$)         Charge (\$)         Charge (\$)         Schange (\$)           Monthly Service Charge Distribution Volumetric Rate Fixed Rate Riders         \$ 24.04         1         \$ 24.04         1         \$ 24.04         1         \$ 24.04         \$ 28.16         1         \$ 28.16         \$ 4.12           Distribution Volumetric Rate Fixed Rate Riders         \$ 0.0140         1200         \$ 12.84         \$ (0.10)         \$ 12.84         \$ (0.10)         \$ (0.10)         \$ 12.84         \$ (0.10)         \$ (0.10)         \$ 12.84         \$ (0.10)         \$ (0.10)         \$ 12.84         \$ (0.10)
(\$)         (\$)         (\$)         (\$)         (\$)         \$ Change           Monthly Service Charge         \$ 24.04         1         \$ 24.04
Monthly Service Charge       \$       24.04       1       \$       24.04       \$       28.16       1       \$       28.16       \$       4.12         Distribution Volumetric Rate       \$       0.0140       1200       \$       16.80       \$       0.0107       1200       \$       12.84       \$       (3.96)       \$       (0.10)       \$       1200       \$       1       \$       (0.10)       \$       (0.10)       \$       (0.10)       \$       (0.10)       \$       (0.10)       \$       (0.10)       \$       (0.10)       \$       (0.10)       \$       (0.10)       \$       (0.10)       \$       (0.10)       \$       (0.10)       \$       (0.10)       \$       (0.10)       \$       (0.10)       \$       (0.10)       \$       (0.10)       \$       (0.10)       \$       \$       0.010       \$       \$       0.100       \$       \$       0.100       \$       \$       0.100       \$       \$       0.100       \$       \$       \$       0.100       \$       \$       \$       0.100       \$       \$       0.100       \$       \$       \$       0.100       \$       \$       \$       \$       0.100       \$
Distribution Volumetric Rate         \$         0.0140         1200         \$         16.80         \$         0.0107         1200         \$         12.84         \$         (3.96)           Fixed Rate Riders         \$         -         1         \$         -         \$         (0.10)         1         \$         (0.10)         \$         (0.10)         \$         (0.10)         \$         (0.10)         \$         (0.10)         \$         (0.10)         \$         (0.10)         \$         (0.10)         \$         (0.10)         \$         (0.10)         \$         (0.10)         \$         (0.10)         \$         (0.10)         \$         (0.10)         \$         (0.10)         \$         \$         -         \$
Fixed Rate Riders       \$       -       1       \$       -       \$       (0.10)       1       \$       (0.10)       \$
Volumetric Rate Riders         \$         -         1200         \$         -         \$         0.06         \$         0.06         \$         0.06         \$         0.06         \$         0.06         \$         0.06         \$         0.06         \$         0.06         \$         0.06         \$         0.06         \$         0.06         \$         0.072         \$         0.072         \$         0.072         \$         0.072         \$         0.000         \$         0.0126         1.200         \$         -         \$         -         \$         -         \$         -         \$         0.0126         1.200         \$         1.200         \$         1.200
Sub-Total A (excluding pass through)         \$         40.84         \$         40.84         \$         40.90         \$         0.06           Line Losses on Cost of Power         \$         0.1101         78         \$         8.64         \$         0.1101         78         \$         8.64         \$         -         -         Total Deferral/Variance Account Rate         \$         -         1,200         \$         -         -         \$         0.0072         1,200         \$         (8.64)         \$         (8.64)         \$         (8.64)         \$         (8.64)         \$         (8.64)         \$         (8.64)         \$         (8.64)         \$         (8.64)         \$         (8.64)         \$         (8.64)         \$         (8.64)         \$         (8.64)         \$         (8.64)         \$         (8.64)         \$         (8.64)         \$         (8.64)         \$         (8.64)         \$         (8.64)         \$         (8.64)         \$         \$         (8.64)         \$         (8.64)         \$         \$         (8.64)         \$         \$         (8.64)         \$         \$         (8.64)         \$         \$         (8.64)         \$         \$         \$         (8.64)<
Line Losses on Cost of Power         \$         0.1101         78         \$         8.64         \$         0.1101         78         \$         8.64         \$         0.1101         78         \$         8.64         \$         -         7           Total Deferral/Variance Account Rate Riders         \$         -         1,200         \$         -         -\$         0.0072         1,200         \$         (8.64)         \$         \$         (8.64)         \$
Total Deferal/Variance Account Rate         \$         -         1,200         \$         -         \$         0.0072         1,200         \$         (8.64) <th< td=""></th<>
Riders     \$     -     1,200     \$     -     -     \$     0.0072     1,200     \$     (8.64)     \$     (8.64)       CBR Class B Rate Riders     \$     -     1,200     \$     -     \$     -     1,200     \$     -     \$     -     \$     (8.64)     \$     \$     (8.64)     \$
CBR Class B Rate Riders         \$         -         1,200         \$         -         \$         0.002         \$         1.200         \$         -         \$         0.0126         1.200         \$         1.512         \$         1.512         \$         1.512         \$         0.0006         1.200         \$         0.72         \$         0.0006         1.200         \$         0.72         \$         0.0006         1.200         \$         0.72         \$         0.0006         1.200         \$         0.72         \$         0.0006         1.200         \$         0.72         \$         0.0006         1.200         \$         0.72         \$         0.0006         1.200
GA Rate Riders       \$       -       1,200       \$       -       \$       0.0126       1,200       \$       15.12       \$       15.12       \$       15.12       \$       15.12       \$       0.0006       1,200       \$       0.72       \$       0.0006       1,200       \$       0.72       \$
Low Voltage Service Charge \$ 0.0006 1,200 \$ 0.72 \$ 0.0006 1,200 \$ 0.72 \$ -
and/or any fixed (\$) Deferal/Variance \$ 0.79 1 \$ 0.79 \$ 0.79 1 \$ 0.79 \$ -
Additional Volumetric Rate Riders (Sheet 18) 1.200 \$ - \$ - 1.200 \$ - \$ -
Sub Total P. Distribution (includes
Sub-Total A) \$ 50.99 \$ 57.53 \$ 6.54
RTSR - Network \$ 0.0068 1.278 \$ 8.69 \$ 0.0065 1.278 \$ 8.31 \$ (0.38)
RTSR - Connection and/or Line and \$ 0.0016 1.278 \$ 2.05 \$ 0.0017 1.278 \$ 2.17 \$ 0.13
Transformation Connection         \$         0.0016         1,278         \$         0.017         1,278         \$         2.17         \$         0.13
Sub-Total C - Delivery (including Sub-         \$ 61.73         \$ 68.01         \$ 6.28
Total B)
Wholesale Market Service Charge         \$         0.0044         1.278         \$         5.63         \$         0.0036         1.278         \$         4.60         \$         (1.02)
(WMSC)
Rural and Remote Rate Protection \$ 0.0003 1.278 \$ 0.38 \$ 0.0003 1.278 \$ 0.38 \$ 0.003
(RRRP)
Standard Supply Service Charge
Debt Retirement Charge (DRC)
Non-RPP Retailer Avg. Price         \$         0.1101         1,200         \$         132.12         \$         0.1101         1,200         \$         132.12         \$         -

13% 8%

Total Bill on Non-RPP Avg. Price HST 8% Rebate Total Bill on Non-RPP Avg. Price

\$

13% 8%

\$

\$

**199.86** 25.98

225.84

Impact

**5.26** 0.68

5.95

**205.12 \$** 26.67 \$

231.79 \$

% Change 17.14% -23.57%

**0.15%** 0.00%

0.00%

0.00%

12.83%

-4.41%

6.25%

10.18% -18.18%

0.00%

0.00%

**2.63%** 2.63%

2.63%

Customer Class:	GENERAL SER	<b>VICE L</b>	ESS THAN 50 kW SER	/ICE CLASS	FICATIO	N			
RPP / Non-RPP:	Non-RPP (Reta	iler)							
Consumption	2,000	kWh							
Demand	-	kW							
Current Loss Factor	1.0654								
Proposed/Approved Loss Factor	1.0654								
			Current O	EB-Approve	ł				
			Rate	Volume	C	harge		Rate	
			(\$)			(\$)		(\$)	
thly Service Charge		\$	35.18	1	\$	35.18	\$	35.69	
ibution Volumetric Rate		\$	0.0179	2000	\$	35.80	\$	0.0182	
d Rate Riders		\$	-	1	\$	-	\$	-	
		<i>•</i>		0000	•		•	0.0004	

		Current OF	B-Approve	d		Proposed						pact	
	Rate (\$)		Volume		narge (\$)		Rate (\$)	Volume		Charge (\$)	\$	Change	% Change
Monthly Service Charge	\$	35.18	1	\$	35.18	\$	35.69	1	\$	35.69		0.51	1.45%
Distribution Volumetric Rate	\$	0.0179	2000	\$	35.80	\$	0.0182	2000	\$	36.40	\$	0.60	1.68%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	-	2000	\$	-	-\$	0.0001	2000	\$	(0.20)		(0.20)	
Sub-Total A (excluding pass through)				\$	70.98				\$	71.89		0.91	1.28%
Line Losses on Cost of Power	\$	0.1101	131	\$	14.40	\$	0.1101	131	\$	14.40	\$	-	0.00%
Total Deferral/Variance Account Rate	s	-	2,000	s		-\$	0.0072	2,000	\$	(14.40)	s	(14.40)	
Riders	Ť	-		+		Ť	0.0072		Ŧ	(14.40)		(14.40)	
CBR Class B Rate Riders	\$	-	2,000		-	\$		2,000			\$	-	
GA Rate Riders	\$			\$	-	\$	0.0126	2,000	\$	25.20	\$	25.20	
Low Voltage Service Charge	\$	0.0006	2,000	\$	1.20	\$	0.0006	2,000	\$	1.20	\$	-	0.00%
Smart Meter Entity Charge (if applicable)	•					•							
and/or any fixed (\$) Deferral/Variance	\$	0.79	1	\$	0.79	\$	0.79	1	\$	0.79	\$	-	0.00%
Account Rate Riders						•							
Additional Volumetric Rate Riders (Sheet 18)	-		2,000	\$	-	\$	-	2,000	\$	-	\$	-	
Sub-Total B - Distribution (includes				\$	87.37				\$	99.08	\$	11.71	13.40%
Sub-Total A) RTSR - Network	\$	0.0060	2.131	\$	12.78	¢	0.0058	2.131	\$	12.36	\$	(0.43)	-3.33%
RTSR - Connection and/or Line and	Ŷ	0.0000	2,131	à	12.70	φ	0.0058	2,131	φ	12.30	à	(0.43)	-3.33%
Transformation Connection	\$	0.0016	2,131	\$	3.41	\$	0.0017	2,131	\$	3.62	\$	0.21	6.25%
Sub-Total C - Delivery (including Sub-													
Total B)				\$	103.57				\$	115.06	\$	11.50	11.10%
Wholesale Market Service Charge	\$	0.0044	2,131	\$	9.38	\$	0.0036	2,131	\$	7.67	\$	(1.70)	-18.18%
(WMSC)			_,	*		÷.		_,	Ť		*	(	
Rural and Remote Rate Protection	\$	0.0003	2,131	\$	0.64	\$	0.0003	2,131	\$	0.64	\$	-	0.00%
(RRRP)													
Standard Supply Service Charge	¢	0.0070	0.000	•	44.00		0.0070	0.000	•	44.00	•		0.000/
Debt Retirement Charge (DRC)	\$ \$	0.0070	2,000			\$		2,000		14.00		-	0.00%
Non-RPP Retailer Avg. Price	\$	0.1101	2,000	\$	220.20	\$	0.1101	2,000	\$	220.20	\$	-	0.00%
Tatal Dill an Nan DDD Ave. Drive	-			¢	347.78	_			~	357.57		9.79	2.82%
Total Bill on Non-RPP Avg. Price	1	13%		<b>⊅</b> S	45.21	1	13%		⊅ \$	46.48	» Տ	9.79 1.27	2.82%
8% Rebate		13%		φ	45.21	1	13%		æ	40.48	ð	1.27	2.82%
		8%		\$	392.99		8%		\$	404.06	\$	11.07	2.82%
Total Bill on Non-RPP Avg. Price				Ŷ	392.99				ð	404.06	÷,	11.07	2.82%

		O 4,999 KW SERVIC	E CLASSIFIC	CATIO	N							
RPP / Non-RPP: Non-RPI												
Consumption 4	12,000 kWh											
Demand	115 kW											
Current Loss Factor	1.0654											
Proposed/Approved Loss Factor	1.0654											
		Current O	EB-Approve	d		1		Proposed	[	Τ	Im	pact
		Rate	Volume		Charge		Rate	Volume	Charge	T		
		(\$)			(\$)		(\$)		(\$)		\$ Change	% Change
Monthly Service Charge	\$	193.66		\$	193.66	\$	196.47	1	\$ 196.47		2.81	1.45%
Distribution Volumetric Rate	\$	3.6185	115		416.13	\$	3.6710	115			6.04	1.45%
Fixed Rate Riders	\$	-	1	\$	-	\$		1	\$ -	\$	-	
Volumetric Rate Riders	\$	-	115		-	-\$	0.0148	115			(1.70)	
Sub-Total A (excluding pass through)				\$	609.79				\$ 616.93		7.15	1.17%
Line Losses on Cost of Power	\$	-	-	\$	-	\$	-	-	\$-	\$	-	
Total Deferral/Variance Account Rate	\$	-	115	\$	-	-\$	3.1107	115	\$ (357.73	3) \$	(357.73)	
Riders						1		-		· ·	(******)	
CBR Class B Rate Riders	\$	-	115		-	\$		115	\$ -	\$	-	
GA Rate Riders	\$		42,000			\$	0.0126	42,000			529.20	
Low Voltage Service Charge	\$	0.2256	115	\$	25.94	\$	0.2256	115	\$ 25.94	\$	-	0.00%
Smart Meter Entity Charge (if applicable)												
and/or any fixed (\$) Deferral/Variance	\$	-	1	\$	-	\$	-	1	\$-	\$	-	
Account Rate Riders												
Additional Volumetric Rate Riders (Sheet 18)			115	\$	-	\$	-	115	\$-	\$	-	
Sub-Total B - Distribution (includes				s	635.73				\$ 814.35	5 \$	178.62	28.10%
Sub-Total A)				•					•			
RTSR - Network	\$	2.5062	115	\$	288.21	\$	2.4040	115	\$ 276.46	i \$	(11.75)	-4.08%
RTSR - Connection and/or Line and	\$	0.5763	115	s	66.27	\$	0.6249	115	\$ 71.86	3 8	5.59	8.43%
Transformation Connection	•	0.07.00		Ŷ	00.21	÷	0.02.0		• 11.00	. <u> </u>	0.00	0.1070
Sub-Total C - Delivery (including Sub-				\$	990.22				\$ 1,162.67	s	172.45	17.42%
Total B)				Ŧ					• .,			
Wholesale Market Service Charge	\$	0.0044	44,747	\$	196.89	\$	0.0036	44,747	\$ 161.09	) S	(35.80)	-18.18%
(WMSC)	•		, i			÷.		,			(,	
Rural and Remote Rate Protection	\$	0.0003	44,747	s	13.42	\$	0.0003	44,747	\$ 13.42	2 \$	-	0.00%
(RRRP)			,	*		· ·			•			
Standard Supply Service Charge												
Debt Retirement Charge (DRC)	\$	0.0070	42,000		294.00		0.0070	42,000			-	0.00%
Non-RPP Retailer Avg. Price	\$	0.1101	44,747	\$	4,926.62	\$	0.1101	44,747	\$ 4,926.62	: \$	-	0.00%
Total Bill on Non-RPP Avg. Price				\$	6,421.15	1			\$ 6,557.81		136.65	2.13%
HST		13%		\$	834.75		13%		\$ 852.51		17.76	2.13%
Total Bill on Non-RPP Avg. Price				\$	7,255.90				\$ 7,410.32	: \$	154.42	2.13%

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# Appendix 4 - 2017 RRWF



#### Application Contact Information

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Chapleau Public Utilities Corporation **Table of Contents** 

<u>1. Info</u>	7. Cost_of_Capital
2. Table of Contents	8. Rev_Def_Suff
3. Data_Input_Sheet	<u>9. Rev_Reqt</u>
4. Rate_Base	10A. Bill Impacts - Residential
5. Utility Income	10B. Bill Impacts - GS_LT_50kW
<u>6. Taxes_PILs</u>	

Notes:

- (1) Pale green cells represent inputs
- (2) Pale green boxes at the bottom of each page are for additional notes
- (3) Pale yellow cells represent drop-down lists

(4) Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.

(5) Completed versions of the Revenue Requirement Work Form are required to be filed in working Microsoft Excel



Chapleau Public Utilities Corporation Data Input<sup>(1)</sup>

		Initial Application					(6)	Per Board Decision	
	Rate Base								
	Gross Fixed Assets (average)	\$2,554,525		:	\$	2,554,525		\$2,554,	525
	Accumulated Depreciation (average)	(\$1,517,843)	(5)			(\$1,517,843)		(\$1,517,	843
	Allowance for Working Capital:								
	Controllable Expenses	\$654,490			\$	654,490		\$654,4	490
	Cost of Power	\$2,516,183			\$	2,516,183		\$2.516.	
	Working Capital Rate (%)	15.00%			•	15.00%		15.0	
	Utility Income								
	Operating Revenues:								
	Distribution Revenue at Current Rates	\$620,192							
	Distribution Revenue at Proposed Rates	\$798,919							
	Other Revenue:	\$190,919							
		¢0 E40							
	Specific Service Charges	\$9,540							
	Late Payment Charges	\$5,190							
	Other Distribution Revenue	\$10,025							
	Other Income and Deductions	\$16,980							
	Total Revenue Offsets	\$41,735	(7)						
	Operating Expenses:								
	OM+A Expenses	\$644,340		:	\$	644,340		\$644,3	
	Depreciation/Amortization	\$75,576			\$	75,576		\$75,	
	Property taxes	\$10,150		:	\$	10,150		\$10,	150
	Other expenses	\$3,000				3000		\$3,	000
3	Taxes/PILs								
	Taxable Income:								
		\$20,140	(3)						
	Adjustments required to arrive at taxable income								
	Utility Income Taxes and Rates:								
	Income taxes (not grossed up)	\$11,673							
	Income taxes (grossed up)	\$13,814							
	Federal tax (%)	11.00%							
	Provincial tax (%)	4.50%							
	Income Tax Credits								
ŧ –	Capitalization/Cost of Capital Capital Structure:								
	Long-term debt Capitalization Ratio (%)	56.0%							
			(2)				(2)		
	Short-term debt Capitalization Ratio (%)	4.0%	(2)				(2)		
	Common Equity Capitalization Ratio (%)	40.0%							
	Prefered Shares Capitalization Ratio (%)	0.0%							
		100.0%							
	Cost of Capital								
	Long-term debt Cost Rate (%)	4.41%							
	Short-term debt Cost Rate (%)	2.08%							
	Common Equity Cost Rate (%)	9.12%							
	Prefered Shares Cost Rate (%)	0.00%							
	· · · · · · · · · · · · · · · · · · ·								

General Data inputs are required on Sheets 3, 10A and 10B. Data from Sheet 3 will automatically complete calculations on sheets 4 through 9 (Rate Base through Revenue Requirement). Sheets 4 through 9 do not require any inputs except for notes that the Applicant may wish to enter to support the results. Pale green cells are available on sheets 4 through 9 to enter both footnotes beside key cells and the related text for the notes at the bottom of each sheet. All inputs are in dollars (\$) except where inputs are individually identified as percentages (%)

4.0% unless an Applicant has proposed or been approved for another amount.

Net of addbacks and deductions to arrive at taxable income.

Notes:

(1) (2) (3) (4) (5) (6)

Average of Gross Fixed Assets at beginning and end of the Test Year Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount. Select option from drop-down list by clicking on cell M10. This column allows for the application update reflecting the end of discovery or Argument-in-Chief. Also, the outcome of any Settlement Process can be reflected.

(7) Input total revenue offsets for deriving the base revenue requirement from the service revenue requirement



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## Chapleau Public Utilities Corporation Rate Base and Working Capital

#### Rate Base

Line No.	Particulars	_	Initial Application				Per Board Decision
1 2 3	Gross Fixed Assets (average) <u>Accumulated Depreciation (average)</u> Net Fixed Assets (average)	(3) (3) (3)	\$2,554,525 (\$1,517,843) \$1,036,682	 \$ - <u>\$ -</u> \$ -	\$2,554,525 (\$1,517,843) \$1,036,682	\$ - <u>\$ -</u> \$ -	\$2,554,525 (\$1,517,843) \$1,036,682
4	Allowance for Working Capital	(1)	\$475,601	 \$ -	\$475,601	<u> </u>	\$475,601
5	Total Rate Base	=	\$1,512,283	 \$ -	\$1,512,283	<u> </u>	\$1,512,283

#### Allowance for Working Capital - Derivation

6	Controllable Expenses		\$654,490	\$ -	\$654,490	\$ -	\$654,490
7	Cost of Power		\$2,516,183	\$ -	\$2,516,183	\$ -	\$2,516,183
8	Working Capital Base		\$3,170,673	\$ -	\$3,170,673	\$ -	\$3,170,673
9	Working Capital Rate %	(2)	15.00%	0.00%	15.00%	0.00%	15.00%
10	Working Capital Allowance	:	\$475,601	\$ -	\$475,601	\$ -	\$475,601

#### <u>Notes</u> (2) (3)

(1)

Some Applicants may have a unique rate as a result of a lead-lag study. Average of opening and closing balances for the year.



### Chapleau Public Utilities Corporation Utility Income

Line No.	Particulars	Initial Application				Per Board Decision
1	Operating Revenues: Distribution Revenue (at Proposed Rates)	\$798,919	(\$798,919)	\$ -	\$ -	\$ -
2	Other Revenue (1)	\$41,735	(\$41,735)	\$ -	\$ -	\$ -
3	Total Operating Revenues	\$840,654	(\$840,654)	\$ -	\$ -	\$ -
4 5 6 7 8 9	Operating Expenses: OM+A Expenses Depreciation/Amortization Property taxes Capital taxes Other expense Subtotal (lines 4 to 8)	\$644,340 \$75,576 \$10,150 \$- \$3,000 \$733,066	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$644,340 \$75,576 \$10,150 \$- \$3,000 \$733,066	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$644,340 \$75,576 \$10,150 \$- \$3,000 \$733,066
10	Deemed Interest Expense	\$38,606	(\$38,606)	\$ -	\$ -	\$ -
11	Total Expenses (lines 9 to 10)	\$771,672	(\$38,606)	\$733,066	\$ -	\$733,066
12	Utility income before income taxes	\$68,982	(\$802,048)	(\$733,066)	\$	(\$733,066)
13	Income taxes (grossed-up)	\$13,814	\$ -	\$13,814	\$ -	\$13,814
14	Utility net income	\$55,168	(\$802,048)	(\$746,880)	\$ -	(\$746,880)
Notes	Other Revenues / Revenue	Offsets				
(1)	Specific Service Charges Late Payment Charges Other Distribution Revenue Other Income and Deductions Total Revenue Offsets	\$9,540 \$5,190 \$10,025 \$16,980 \$41,735	\$-	\$ - \$ - \$ - \$ - \$ - \$ -	\$-	\$ - \$ - \$ - \$ - \$ - \$ -
	Total Neverice Olisets	φ <del>4</del> 1,735	- <del>(</del>	- <del>(</del>	- <del>-</del>	φ-



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Chapleau Public Utilities Corporation **Taxes/PILs** 

Line No.	Particulars	Application		Per Board Decision
	Determination of Taxable Income			
1	Utility net income before taxes	\$55,168	\$ -	\$ -
2	Adjustments required to arrive at taxable utility income	\$20,140	\$ -	\$20,140
3	Taxable income	\$75,308	\$ -	\$20,140
	Calculation of Utility income Taxes			
4	Income taxes	\$11,673	\$11,673	\$11,673
6	Total taxes	\$11,673	\$11,673	\$11,673
7	Gross-up of Income Taxes	\$2,141	\$2,141	\$2,141
8	Grossed-up Income Taxes	\$13,814	\$13,814	\$13,814
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	\$13,814	\$13,814	\$13,814
10	Other tax Credits	\$ -	\$ -	\$ -
	Tax Rates			
11 12 13	Federal tax (%) Provincial tax (%) Total tax rate (%)	11.00% 4.50% 15.50%	11.00% 4.50% 15.50%	11.00% 4.50% 15.50%

Notes



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\$ -\$ -\$ -

\$ -

Chapleau Public Utilities Corporation Capitalization/Cost of Capital

Line No.	Particulars	Capit	alization Ratio	Cost Rate	Return
			Initial Application		
		(%)	(\$)	(%)	(\$)
	Debt				
1	Long-term Debt	56.00%	\$846,878	4.41%	\$37,347
2 3	Short-term Debt Total Debt	4.00% 60.00%	\$60,491 \$907,370	<u>2.08%</u> 4.25%	\$1,258 \$38,606
3	Total Debt	60.00%	\$907,370	4.23%	\$36,000
	Equity				
4	Common Equity	40.00%	\$604,913	9.12%	\$55,168
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	40.00%	\$604,913	9.12%	\$55,168
7	Total	100.00%	\$1,512,283	6.20%	\$93,774
1 2 3	Debt Long-term Debt Short-term Debt Total Debt Equity Common Equity	(%) 0.00% 0.00% 0.00%	(\$) \$ - \$ - \$ -	(%) 0.00% 0.00% 0.00%	(\$) \$ - \$ - \$ -
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	0.00%	\$ -	0.00%	\$ -
7	Total	0.00%	\$1,512,283	0.00%	\$ -
			Per Board Decision		
	Debt	(%)	(\$)	(%)	(\$)
8	Long-term Debt	0.00%	\$ -	4.41%	\$ -
9	Short-term Debt	0.00%	\$ -	2.08%	\$ -
10	Total Debt	0.00%	\$ -	0.00%	\$ -
	Equity				

<u>Notes</u> (1)

11 12 13

14

Common Equity Preferred Shares Total Equity

Total

4.0% unless an Applicant has proposed or been approved for another amount.

0.00%

0.00%

0.00%

\$ -\$ -

\$ -

\$1,512,283

9.12%

0.00%

0.00%



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# Chapleau Public Utilities Corporation **Revenue Deficiency/Sufficiency**

		Initial Appl	ication			Per Board D	Decision
Line No.	Particulars	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates
1	Revenue Deficiency from Below		\$178,727		\$116,568		\$733,066
2	Distribution Revenue	\$620,192	\$620,192	\$620,192	\$682,351	\$ -	(\$733,066)
3	Other Operating Revenue Offsets - net	\$41,735	\$41,735	\$ -	\$ -	\$ -	\$ -
4	Total Revenue	\$661,927	\$840,654	\$620,192	\$798,919	\$ -	\$ -
5 6	Operating Expenses Deemed Interest Expense	\$733,066 \$38,606	\$733,066 \$38,606	\$733,066 \$ -	\$733,066 \$ -	\$733,066 \$ -	\$733,066 \$ -
	Total Cost and Expenses	\$771,672	\$771,672	\$733,066	\$733,066	\$733,066	\$733,066
7	Utility Income Before Income Taxes	(\$109,745)	\$68,982	(\$112,874)	\$65,853	(\$733,066)	(\$733,066)
8	Tax Adjustments to Accounting Income per 2009 PILs	\$20,140	\$20,140	\$20,140	\$20,140	\$ -	\$ -
9	Taxable Income	(\$89,605)	\$89,122	(\$92,734)	\$85,993	(\$733,066)	(\$733,066)
10	Income Tax Rate	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%
11	Income Tax on Taxable Income	(\$13,889)	\$13,814	(\$14,374)	\$13,329	(\$113,625)	(\$113,625)
12	Income Tax Credits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13	Utility Net Income	(\$95,856)	\$55,168	(\$98,500)	(\$746,880)	(\$619,441)	(\$746,880)
14	Utility Rate Base	\$1,512,283	\$1,512,283	\$1,512,283	\$1,512,283	\$1,512,283	\$1,512,283
	Deemed Equity Portion of Rate Base	\$604,913	\$604,913	\$ -	\$ -	\$ -	\$ -
15	Income/(Equity Portion of Rate Base)	-15.85%	9.12%	0.00%	0.00%	0.00%	0.00%
16	Target Return - Equity on Rate Base	9.12%	9.12%	0.00%	0.00%	0.00%	0.00%
17	Deficiency/Sufficiency in Return on Equity	-24.97%	0.00%	0.00%	0.00%	0.00%	0.00%
18	Indicated Rate of Return	-3.79%	6.20%	-6.51%	0.00%	-40.96%	0.00%
19	Requested Rate of Return on Rate Base	6.20%	6.20%	0.00%	0.00%	0.00%	0.00%
20	Deficiency/Sufficiency in Rate of Return	-9.99%	0.00%	-6.51%	0.00%	-40.96%	0.00%
21	Target Return on Equity	\$55,168	\$55,168	\$ -	\$ -	\$-	\$ -
22 23	Revenue Deficiency/(Sufficiency) Gross Revenue Deficiency/(Sufficiency)	\$151,024 \$178,727 <b>(1</b> )	\$0	\$98,500 \$116,568 <b>(</b> ′	\$ - I)	\$619,441 \$733,066 <b>(1</b> )	\$ -

Notes: (1)

Revenue Deficiency/Sufficiency divided by (1 - Tax Rate)



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# Chapleau Public Utilities Corporation **Revenue Requirement**

Line No.	Particulars	Application				Per Board Decision
1	OM&A Expenses	\$644,340		\$644,340		\$644,340
2	Amortization/Depreciation	\$75,576		\$75,576		\$75,576
3	Property Taxes	\$10,150		\$10,150		\$10,150
5	Income Taxes (Grossed up)	\$13,814		\$13,814		\$13,814
6 7	Other Expenses Return	\$3,000		\$3,000		\$3,000
	Deemed Interest Expense	\$38,606		\$ -		\$ -
	Return on Deemed Equity	\$55,168		\$ -		\$ -
8	Service Revenue Requirement					
	(before Revenues)	\$840,654		\$746,880		\$746,880
9	Revenue Offsets	\$41,735		\$ -		\$ -
10	Base Revenue Requirement	\$798,919		\$746,880		\$746,880
11	Distribution revenue	\$798,919		\$ -		\$ -
12	Other revenue	\$41,735		\$ -		\$ -
13	Total revenue	\$840,654		\$ -		\$ -
14	Difference (Total Revenue Less Distribution Revenue					
	Requirement before Revenues)	\$0	(1)	(\$746,880)	(1)	(\$746,880)

<u>Notes</u> (1)

Line 11 - Line 8



#### **Bill Impacts - Residential**

CApplication of New Loss Factor to all applicable items CApplication of new Loss Factor to Delivery Items Only

			Current Board-Approved					Р	roposed				Imp	act	
				Rate	Volume	С	harge		Rate	Volume	C	harge			%
		Charge Unit		(\$)			(\$)		(\$)			(\$)		hange	Change
1	Monthly Service Charge	monthly	\$	18.4600	1	\$	18.46	\$	5 24.1000	1	\$	24.10	\$	5.64	30.55%
2	Smart Meter Rate Adder	monthly	\$	2.5000	1	\$	2.50			1	\$	-	-\$	2.50	-100.00%
3	Service Charge Rate Adder(s)				1	\$	-			1	\$	-	\$	-	
4	Service Charge Rate Rider(s)				1	\$	-			1	\$	-	\$	-	
5	Distribution Volumetric Rate	per kWh	\$	0.0102	800		8.16	\$		800		10.96	\$	2.80	34.31%
6	Low Voltage Rate Adder	per kWh	\$	0.0012	800		0.96	\$	6 0.0006	800		0.48	-\$	0.48	-50.00%
7	Volumetric Rate Adder(s)				800	\$	-			800		-	\$	-	
8	Volumetric Rate Rider(s)				800	\$	-			800		-	\$	-	
9	Smart Meter Disposition Rider				800	\$	-			800		-	\$	-	
10	LRAM & SSM Rate Rider	per kWh			800	\$	-	\$		800		1.20	\$	1.20	
11	Deferral/Variance Account	per kWh	-\$	0.0029	800	-\$	2.32	-\$	6 0.0042	800	-\$	3.36	-\$	1.04	44.83%
	Disposition Rate Rider														
12	Smart Meter Disposition Rider	monthly			1	\$	-	\$		1	\$	1.98	\$	1.98	
13	Late Payment Penalty Costs	monthly	\$	0.2600	1	\$	0.26	\$		1	\$	-	-\$	0.26	-100.00%
14	Stranded Meters - Rate Rider	monthly			1	\$	-	\$	0.7700	1	\$	0.77	\$	0.77	
15						\$	-				\$	-	\$	-	
16	Sub-Total A - Distribution					\$	28.02				\$	36.13	\$	8.11	28.94%
17	RTSR - Network	per kWh	\$	0.0057	808.523	\$	4.61	44	6 0.0061	808.537	\$	4.93	\$	0.32	7.02%
18	RTSR - Line and	per kWh	\$	0.0015	808.523	\$	1.21	9	0.0015	808.537	\$	1.21	\$	0.00	0.00%
	Transformation Connection						00.04					40.07		0.40	04.000/
19	Sub-Total B - Delivery					\$	33.84				\$	42.27	\$	8.43	24.92%
~~	(including Sub-Total A)	1.1.4.11	•	0.0050	000 500	•	1.00		0.0050	000 507	•	1.00		0.00	0.000/
20	Wholesale Market Service	per kWh	\$	0.0052	808.523	\$	4.20	\$	0.0052	808.537	\$	4.20	\$	0.00	0.00%
21	Charge (WMSC) Rural and Remote Rate	per kWh	\$	0.0013	808.523	¢	1.05	9	0.0013	808.537	¢	1.05	\$	0.00	0.00%
21	Protection (RRRP)	perkwii	φ	0.0013	000.525	φ	1.05	4	0.0013	000.557	φ	1.05	φ	0.00	0.00%
22	Special Purpose Charge	per kWh			808.523	¢				808.537	¢		\$	-	
23	Standard Supply Service Charge	monthly	\$	0.2500	1	φ \$	0.25	9	0.2500	000.337	φ \$	0.25	\$	-	0.00%
24	Debt Retirement Charge (DRC)	per kWh	\$	0.2300	800	φ \$	5.60	4 43		800		5.60	\$	-	0.00%
25	Energy	per kWh	\$	0.0730	808.523		59.01	4		808.537		59.01	\$	0.00	0.00%
26	Energy	per ittin	Ψ	0.0700	000.020	\$	-	4	0.0700	000.001	ŝ	-	\$	-	0.0070
27						\$	-				ŝ	-	\$	-	
28	Total Bill (before Taxes)		i i			\$	103.95	Г			\$	112.39	\$	8.43	8.11%
29	HST			13%		\$	13.51		13%		\$	14.61	\$	1.10	8.11%
30	Total Bill (including Sub-total					\$	117.47				\$	127.00	\$	9.53	8.11%
	В)							L					L		
31	Ontario Clean Energy Benefit		Γ	-10%		-\$	11.75		-10%		-\$	12.70	-\$	0.95	8.09%
	(OCEB)														
32	Total Bill (including OCEB)					\$	105.72				\$	114.30	\$	8.58	8.12%
33	Loss Factor (%)	Note 1		1.07%					1.07%						

Consumption 800 kWh

Notes: (1): Enter existing and proposed total loss factor (Secondary Metered Customer < 5,000 kW) as a percentage.



#### • Application of New Loss Factor to all applicable items OApplication of new Loss Factor to Delivery Items Only

			Current Board-Approved				-	Pro	oposed			<u> </u>	Imp	act	
				Rate	Volume	C	harge		Rate	Volume	C	Charge			%
		Charge Unit		(\$)			(\$)		(\$)			(\$)	\$ C	Change	Change
1	Monthly Service Charge	monthly	\$	30.0000	1	\$	30.00	\$	35.7300	1	\$	35.73	\$	5.73	19.10%
2	Smart Meter Rate Adder	monthly	\$	2.5000	1	\$	2.50			1	\$	-	-\$	2.50	-100.00%
3	Service Charge Rate Adder(s)				1	\$	-			1	\$	-	\$	-	
4	Service Charge Rate Rider(s)				1	\$	-			1	\$	-	\$	-	
5	Distribution Volumetric Rate	per kWh	\$	0.0122	2000	\$	24.40	\$	0.0176	2000	\$	35.20	\$	10.80	44.26%
6	Low Voltage Rate Adder	per kWh	\$	0.0011	2000	\$	2.20	\$	0.0006	2000	\$	1.20	-\$	1.00	-45.45%
7	Volumetric Rate Adder(s)				2000	\$	-			2000	\$	-	\$	-	
8	Volumetric Rate Rider(s)				2000	\$	-			2000	\$	-	\$	-	
9	Smart Meter Disposition Rider	monthly			2000	\$	-			2000	\$	-	\$	-	
10	LRAM & SSM Rider				2000	\$	-	\$	-	2000	\$	-	\$	-	
11	Deferral/Variance Account	per kWh	-\$	0.0029	2000	-\$	5.80	-\$	0.0043	2000	-\$	8.60	-\$	2.80	48.28%
	Disposition Rate Rider														
12	Late Payment Penalty Costs	monthly	\$	0.5300	1	\$	0.53	\$	-	1	\$	-	-\$	0.53	-100.00%
13	Smart Meter Disposition Rider	monthly				\$	-	\$	1.9800	1	\$	1.98	\$	1.98	
14	Stranded Meters - Rate Rider	monthly			1	\$	-	\$	1.4000	1	\$	1.40	\$	1.40	
15						\$	-				\$	-	\$	-	
16	Sub-Total A - Distribution					\$	53.83				\$	66.91	\$	13.08	24.30%
17	RTSR - Network	per kWh	\$	0.0051	2021.31	\$	10.31	\$	0.0054	2021.34	\$	10.92	\$	0.61	5.88%
18	RTSR - Line and	per kWh	\$	0.0014	2021.31	\$	2.83	\$	0.0014	2021.34	\$	2.83	\$	0.00	0.00%
	Transformation Connection														
19	Sub-Total B - Delivery					\$	66.97				\$	80.66	\$	13.69	20.44%
	(including Sub-Total A)														
20	Wholesale Market Service	per kWh	\$	0.0052	2021.31	\$	10.51	\$	0.0052	2021.34	\$	10.51	\$	0.00	0.00%
	Charge (WMSC)														
21	Rural and Remote Rate	per kWh	\$	0.0013	2021.31	\$	2.63	\$	0.0013	2021.34	\$	2.63	\$	0.00	0.00%
	Protection (RRRP)														
22	Special Purpose Charge				2021.31	\$	-			2021.34	\$	-	\$	-	
23	Standard Supply Service Charge	monthly	\$	0.2500	1	\$	0.25	\$	0.2500	1	\$	0.25	\$	-	0.00%
24	Debt Retirement Charge (DRC)	per kWh	\$	0.0007	2000	\$	1.40	\$	0.0007	2000	\$	1.40	\$	-	0.00%
25	Energy	per kWh	\$	0.0730	2021.31	\$	147.56	\$	0.0730	2021.34	\$	147.56	\$	0.00	0.00%
26						\$	-				\$	-	\$	-	
27						\$	-				\$	-	\$	-	
28	Total Bill (before Taxes)					\$	229.31				\$	243.00	\$	13.69	5.97%
29	HST			13%		\$	29.81		13%		\$	31.59	\$	1.78	5.97%
30	Total Bill (including Sub-total					\$	259.12				\$	274.59	\$	15.47	5.97%
	B)														
31	Ontario Clean Energy Benefit			-10%		-\$	25.91		-10%		-\$	27.46	-\$	1.55	5.98%
	(OCEB)							L					L		
32	Total Bill (including OCEB)					\$	233.21				\$	247.13	\$	13.92	5.97%
33	Loss Factor	(1)		1.07%					1.07%						
								-							

#### Consumption 2000 kWh

Notes:

(1): See Note (1) from Sheet 10A. Bill Impacts - Residential