

## **EXHIBIT 8 - RATE DESIGN**

	<b>Page</b>
<b>1. FIXED/VARIABLE PROPORTION</b>	
Fixed and Variable Charges	2
Fixed and Variable Proportions	2-4
Rate Design Policy	5-7
Comparison of Fixed Charge	8
<b>2. RTSRS AND OTHER CHARGES</b>	
RTSR Work Form	9
Retail Service Charges	9
Wholesale Market Service Rates	9
Rural and Remote Rate Protection	10
Smart Metering Entity Charge	10
Specific Service Charges	10
Changes to Conditions of Service	10
Revenue From Specific Service Charges	10
Monthly Billing	10
Low Voltage	10-11
<b>3. LOSS FACTORS</b>	
Proposed Loss Factors	12
Explanation of Losses	13
Embedded Utility	13
Study of Losses Required and Plan to Reduce Losses	13
<b>4. RATES AND BILL IMPACTS</b>	
Current Tariff of Rates and Charges	14-21
Proposed Tariff of Rates and Charges	22-31
Conditions of Service	31
Revenue per Class	31-32
Revenue per Class Under Current and Proposed Rates	33
Bill Impacts	34-36
<b>5. RATE MITIGATION</b>	
Rate Mitigation for Impacts Over 10.0%	37
Residential Rate Design Policy	37

## Exhibit 8 - Rate Design

CPUC is filing their 2016 Cost of Service Application for new rates to be effective May 1, 2016 and is proposing changes to Residential rates consistent with policy to transition to fully fixed monthly distribution service charge - Appendix 2-PA has been completed and is included with this Application as Attachment B.

Monthly Fixed Charges are two (2) decimal places and Variable Charges are four (4) decimal places.

### Fixed and Variable Proportions

The current fixed and variable proportion for each rate class is calculated using current load (2016) at current 2015 rates and does not include rate adders, funding adders and rate riders.

CPUC has determined its total 2016 Test Year Service Revenue Requirement to be \$891,121. The total Revenue Offsets in the amount of \$43,505 reduces CPUC's total Service Revenue Requirement to a Base Revenue Requirement of \$847,616 which is used to determine the proposed distribution rates. The Base Revenue Requirement is derived from CPUC's 2016 Test Year capital and operating forecasts, weather normalized usage, forecasted customer counts, and regulated return on rate base.

The Base Revenue Requirement calculation is as follows:

#### Base Revenue Requirement

Particulars	2016 Test Year
OM&A Expenses	720,300
Amortization/Depreciation	74,699
Property Taxes	8,000
Income Taxes (Grossed up)	671
Return	
Deemed Interest Expense	36,298
Return on Deemed Equity	51,154
<b>Service Revenue Requirement</b>	<b>891,122</b>
Revenue Offsets	43,505
<b>Base revenue Requirement</b>	<b>847,617</b>

### Proposed Base Revenue proportions to Rate Classes

Customer Classes	2016 Test Year Proposed Base Revenue
Residential Customers	593,933
Gen Service <50 kW Customers	146,482
Gen Service >50 kW Customers	91,482
Unmetered Scattered Load	1,284
Sentinel Lighting	5,208
Street Lighting	9,227
Base Revenue Requirement	847,616

### Current Fixed / Variable Proportion

Based on applying the existing approved monthly service charges to the forecasted number of customers for the 2016 Test Year along with the existing approved distribution volumetric charge, excluding rate riders, the adjustment for Low Voltage and the transformer allowance, to the 2016 Test Year forecasted volumes, the following table CPUC's current split between fixed and variable distribution revenue.

## Current Fixed and Variable Rates for 2015 Revenue

Customer Classes	2016 Test Year			Current Rates (2015)		Fixed and Variable Revenue @ Current Rates				
	# Customers	kWh	kW	Fixed	Variable	Fixed	Variable	Total	% Fixed	% Variable
<b>Residential Customers</b>	1,063	14,291,097		24.04	0.0140	306,654	200,075	506,730	60.52%	39.48%
<b>Gen Service &lt;50 kW Customers</b>	152	4,842,432		35.18	0.0179	64,168	86,680	150,848	42.54%	57.46%
<b>Gen Service &gt;50 kW Customers</b>	13	6,630,340	17,296	193.66	3.6185	30,211	62,586	92,797	32.56%	67.44%
<b>Unmetered Scattered Load</b>	4	3,584		24.99	0.0336	1,200	120	1,320	90.88%	9.12%
<b>Sentinel Lighting</b>	23	26,757	66	8.65	15.0437	2,387	993	3,380	70.63%	29.37%
<b>Street Lighting</b>	328	267,045	724	4.43	20.6218	17,436	14,930	32,367	53.87%	46.13%
<b>TOTAL</b>	1,583	26,061,255	18,086			422,057	365,384	787,441	53.60%	46.40%

## Rate Design Policy

CPUC has completed the OEB Appendix 2-PA "Residential Rate Design" to calculate its fixed distribution rate as set out in the Table below.

CPUC's monthly change in its proposed fixed distribution charge over the 4 year period is \$4.59 which is above the \$4.00 maximum and therefore requires mitigation for the monthly change in its proposed fixed distribution charge to be over a 5 year period at \$3.67

## Appendix 2-PA New Rate Design Policy For Residential Customers

### A) Data Inputs

Test Year Billing Determinants for Residential Class	
Customers	1,063
kWh	14,291,097

Proposed Residential Class Specific Revenue Requirement <sup>1</sup>	\$ 593,933.00
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Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	24.04
Distribution Volumetric Rate \$/kWh)	0.0140

### B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	24.04	1,063	\$306,654.24	60.52%
Variable	0.0140	14,291,097	\$200,075.36	39.48%
<b>TOTAL</b>	-	-	\$506,729.60	-

### C) Calculating Test Year Base Rates

Number of Required Rate Design Policy Transition Years <sup>2</sup>	5
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	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$ 359,426.55	28.18	\$ 359,464.08
Variable	\$ 234,506.45	0.0164	\$ 234,373.99
TOTAL	\$ 593,933.00	-	\$ 593,838.07

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	68.4131%	\$ 406,327.84	31.85	\$ 406,278.60
Variable	31.5869%	\$ 187,605.16	0.0131	\$ 187,213.37
TOTAL	-	\$ 593,933.00	-	\$ 593,491.97

Checks <sup>3</sup>	
Change in Fixed Rate	\$ 3.67
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	-\$ 441.03
	-0.07%

Based on the fixed revenue portion of the total Base Revenue Requirement, except for the Residential customer class as discussed above, the following table outlines the proposed monthly service and Variable charge for the remaining rate classes for the 2016 Test Year.

**Proposed Fixed and Variable Rates for 2016 Revenue.**

Customer Classes	2016 Test Year			Proposed Rates (2016)		2016 Revenue @ Proposed Rates				
	# Customers	kWh	kW	Fixed	Variable	Fixed	Variable	Total	% Fixed	% Variable
<b>Residential Customers</b>	1,063	14,291,097		31.85	0.0131	406,327	187,606	593,933	68.41%	31.59%
<b>Gen Service &lt;50 kW Customers</b>	152	4,842,432		34.16	0.0174	62,311	84,171	146,482	42.54%	57.46%
<b>Gen Service &gt;50 kW Customers</b>	13	6,630,340	17,296	190.92	3.5672	29,783	61,699	91,482	32.56%	67.44%
<b>Unmetered Scattered Load</b>	4	3,584		24.31	0.0327	1,167	117	1,284	90.88%	9.12%
<b>Sentinel Lighting</b>	23	26,757	66	13.33	23.1778	3,678	1,530	5,208	70.63%	29.37%
<b>Street Lighting</b>	328	267,045	724	1.26	5.8788	4,971	4,256	9,227	53.87%	46.13%
<b>TOTAL</b>	1,583	26,061,255	18,086			508,237	339,379	847,616	59.96%	40.04%

## Comparison of Fixed Charge

For comparison purposes, the following table provides the current and proposed monthly service charge by rate class as well as monthly service charge information from the cost allocation model.

Customer Class	Current (2015) Monthly Fixed Charge	Proposed (2016) Monthly Fixed Charge	Minimum System With PLCC Adjustment. Fixed Charge from CA Model
Residential	24.04	31.85	29.28
General Service <50 kW	35.18	34.16	32.04
General Service >50 kW	193.66	190.92	42.96
Unmetered Scattered Load	24.99	24.31	28.05
Sentinel Lighting	8.65	13.33	19.59
Street Lighting	4.43	1.26	1.51



## RTSRs and Other Charges

### RTSR Work Form

CPUC has completed the filing module as per the Boards instructions and has calculated class specific retail transmission service rates for 2016. The Retail Transmission Service Rate Work Form is included with this application as ATTACHMENT F.

As an embedded utility to Hydro One Networks Inc. CPUC does not incur transformation connection charges.

The following are the class specific RTSRs as calculated by the Model:

Customer Class	Unit of Measure	Current RTSR		Proposed RTSR	
		Network	Connection	Network	Connection
Residential	kWh	0.0068	0.0016	0.0073	0.0018
GS < 50 kW	kWh	0.0060	0.0016	0.0064	0.0018
GS > 50 kW	kW	2.0620	0.5763	2.2158	0.6339
USL	kWh	0.0060	0.0016	0.0064	0.0018
Sentinel Lighting	kW	1.8998	0.4549	2.0415	0.5003
Street Lighting	kW	1.8902	0.4456	2.0311	0.4901

### Retail Service Charges

CPUC is not proposing any changes to the retail service charges at this time.

### Wholesale Market Service Rates

In May 2015, the IESO introduced a new wholesale market service charge to recover costs associated with contracted demand response providers active in the wholesale energy market. The program is known as Capacity Based Demand Response (CBDR). The OEB is responsible for establishing a wholesale market service (WMS) rate charged by distributors to recover the costs of wholesale market activities from their customers. Based on forecasts from the IESO the OEB developed new rates for WMS of \$0.0032 per kWh and \$0.0004 for CBDR.

The OEB issued a Decision and Order EB-2015-0294 on November 19, 2015 to set the new WMS rate at \$0.0036 per kWh effective January 1, 2016. This includes a CBDR rate of \$0.0004 per kWh.

CPUC is proposing to change the Wholesale Market Service Rate to the new rate of \$0.0036.

### **Rural and Remote Rate Protection (“RRRP”)**

The OEB issued a Decision and Rate Order (EB-2014-0347) which approved the RRRP to be \$0.0013 per kWh, effective 1 January 1, 2015. CPUC is not proposing a change to the RRRP rate of \$0.0013 per kWh.

### **Smart Metering Entity Charge**

OEB issued a Decision and Order (EB-2012-0100/EB-2012-0211) establishing a Smart Metering charge of \$0.79 per month for Residential and General Service < 50 kW customers effective May 1, 2013. The Smart Metering Entity Charge is currently in effect until October 31, 2018 subject to change through a Board Decision and Order. CPUC has reflected a Smart Metering charge of \$0.79 per month in this Application.

### **Specific Service Charges**

Chapleau PUC is not proposing any changes to the Specific Service Charges at this time.

### **Charges in Conditions of Service**

CPUC does not have any rates and charges in Conditions of Service that do not appear on CPUC's Tariff Sheet.

### **Revenue from Specific Service Charges**

The revenue from Specific Service Charges of \$43,505 corresponds with Operating Revenue evidence.

### **Monthly Billing**

All of CPUC's customers are on monthly billing.

### **Low Voltage**

Forecasted Low Voltage Charges of \$65,100 from Hydro One, for 2016 Test Year, have been allocated proportionally to each rate class based on the proposed kWh consumptions including CPUC's loss factor.

Low Voltage expense of \$65,100 has been estimated by utilizing the last 12 months from October 2014 to September 2015 of actual charges from Hydro One of \$61,815 rounded to \$62,000 plus 5%

## Determination of Low Voltage Service Rates

Customer Classes	Billing Determinants	2016 Proposed Volumetric Consumptions			2016 Proposed Low Voltage Charge	2016 Proposed Service Rate	Current Service Rate
		Number of Customers	kWh Including Losses	kW			
Residential	kWh	1,063	15,574,438		\$ 35,699	\$ 0.0023	\$ 0.0006
General Service <50 kW	kWh	152	5,277,283		\$ 12,096	\$ 0.0023	\$ 0.0006
General Service >50 kW	kW	13	7,225,744	17,297	\$ 16,562	\$ 0.9575	\$ 0.2256
Unmetered Scattered Load	kWh	4	3,906		\$ 9	\$ 0.0023	\$ 0.0006
Sentinel Lighting	kW	23	29,160	66	\$ 67	\$ 1.0127	\$ 0.2261
Street Lighting	kW	328	291,025	724	\$ 667	\$ 0.9214	\$ 0.2173
Total		1,583	28,401,556	18,087	\$ 65,100		

CPUC's Low Voltage rates for the 2012 Board Approved were calculated based on Hydro One Networks Inc.'s (HO) rates at that time. These rates were much lower than CPUC expected and questioned HO who assured CPUC that the rates charged are correct.

CPUC continued to question these rates without success until finally HO was convinced to check their rates and found that a billing error occurred from January 2009 to February 2013.

## Loss Factors

### Proposed Loss Factors

CPUC has calculated the total loss factor to be applied to customers' consumption based on the average wholesale and retail kWh for the years 2010 to 2014. The calculations are consistent with calculations provided in Appendix 2-R of the Filing Requirements included in this Application as Attachment B.

		Historical Years					5-Year Average
		2010	2011	2012	2013	2014	
	<b>Losses Within Distributor's System</b>						
<b>A(1)</b>	"Wholesale" kWh delivered to distributor (higher value)	-					-
<b>A(2)</b>	"Wholesale" kWh delivered to distributor (lower value)	27,909,701	28,474,627	28,011,153	29,749,924	29,940,176	28,817,116
<b>B</b>	Portion of "Wholesale" kWh delivered to distributor for its Large Use Customer(s)	-					-
<b>C</b>	Net "Wholesale" kWh delivered to distributor = <b>A(2) - B</b>	27,909,701	28,474,627	28,011,153	29,749,924	29,940,176	28,817,116
<b>D</b>	"Retail" kWh delivered by distributor	26,167,966	26,893,563	26,031,597	27,174,709	27,940,070	26,841,581
<b>E</b>	Portion of "Retail" kWh delivered by distributor to its Large Use Customer(s)	-					-
<b>F</b>	Net "Retail" kWh delivered by distributor = <b>D - E</b>	26,167,966	26,893,563	26,031,597	27,174,709	27,940,070	26,841,581
<b>G</b>	Loss Factor in Distributor's system = <b>C / F</b>	1.0666	1.0588	1.0760	1.0948	1.0716	1.0736
	<b>Losses Upstream of Distributor's System</b>						
<b>H</b>	Supply Facilities Loss Factor	1.0151	1.0151	1.0151	1.0152	1.0150	1.0151
	<b>Total Losses</b>						
<b>I</b>	Total Loss Factor = <b>G x H</b>	1.0826	1.0748	1.0923	1.1114	1.0876	1.0898

The supply facility loss factor (the "SFLF") shown in the above table represents the losses on the supply to Chapleau PUC. The SFLF is calculated on the measured quantities between the "wholesale" kWh delivered to CPUC and the "retail" kWh delivered by CPUC to its customers.

## Explanation of Losses

PUC has not made significant capital investments to its distribution plant in recent years, resulting in a distribution system that is operational but aging. More recently CPUC experienced relatively high line loss ratios that escalated to a current 5 year average of 1.0898.

The Loss Factor over the last 3 Cost of Service Applications has been steadily rising as per the following comparison:

COS Application Year	Loss Factor in CPU's System	Supply Facility Loss Factor	Total Loss Factor
2008	1.0496	1.0151	1.0654
2012*	1.0512	1.0151	1.0671
2016	1.0736	1.0151	1.0898

\* With the Board's Approval, CPUC continued to apply the 2008 loss factor of 1.0654 to the years 2012 to 2015.

## Embedded Utility

Chapleau Public Utilities Corporation is a partially embedded utility receiving approximately 37% - 40.0% of its load from Hydro One Networks Inc. from their 25 kV distribution station.

## Study of Losses Required and Plan to Reduce Losses

Based on the previous decision and the Board and Management of CPUC were very concerned with regard to the high energy losses experienced, and in 2014 Chapleau PUC engaged Burman Energy to develop their Distribution System Plan and to recommend ways to reduce CPUCs high energy losses, improve service reliability and safety.

Based on the presentations to CPUC and the Township Council, it was approved to proceed with the Utility's preferred option to reduce energy losses, improve service reliability and safety. The investment strategy chosen will entail a significant capital investment in CPUC's distribution plant over an eleven year period. Phase one of the investment strategy is to build a new 25 kV substation and Phase two will convert and upgrade its distribution system assets (i.e. poles meters and distribution assets) to the new 25 kV standard at a total project cost of \$3,055,000.

## Rates and Bill Impacts

### Current Tariff of Rates and Charges

The following is CPUC's Current Tariff of Rates and Charges effective May 1, 2015 as per OEB Decision and Order EB-2014-0063 issued March 19, 2015.

## **Chapleau Public Utilities Corporation**

### **TARIFF OF RATES AND CHARGES**

#### **Effective and Implementation Date May 01, 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, semi-detached, duplex, triplex or quadruplex with residential zoning. Further servicing details are available in the distributor's Condition 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	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0015

### **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

## **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 Condition 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**

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	0.0061

Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0015
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### **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

## **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 Condition 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	\$	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	2.5233
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.5576

### **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



## 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 Condition 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	\$	24.99
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	\$/kWh	0.0061
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0015

### 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

## 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 Condition 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	\$	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	1.9128
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.4401

### 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

## 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

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.

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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**

Service Charge	\$	4.43
Distribution Volumetric Rate	\$/kW	20.6218
Low Voltage Service Rate	\$/kW	0.2173
Rate Rider for Disposition of Deferral/Variance Accounts (2012) - effective until April 30, 2016	\$/kW	(1.6069)
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until April 30, 2016	\$/kW	(0.7525)
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2016	\$/kW	(0.5828)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9031
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.4311

### **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

## **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**

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.

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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**

Service Charge	\$	5.40
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## ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	S/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.

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 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	%	1.5000
Late Payment – per annum	%	19.5600
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
Specific Charge for Access to the Power Poles - \$/pole/year	\$	22.35

## 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.

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.

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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.

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
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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
Distribution Loss Factor - Secondary Metered Customer < 5,000 kW	1.0506

## ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	S/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	%	1.5000
Late Payment – per annum	%	19.5600
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
Specific Charge for Access to the Power Poles - \$/pole/year	\$	22.35

## Proposed Tariff of Rates and Charges

The following are CPUC's proposed rates for 2016 Test Year to be effective May 1, 2016.

# Chapleau Public Utilities Corporation TARIFF OF RATES AND CHARGES Effective and Implementation Date May 1, 2016

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

EB-2015-0060

## 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, semi-detached, duplex, triplex or quadruplex with residential zoning. Further servicing details are available in the distributor's Condition 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.

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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

Service Charge	\$	31.85
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0131

Low Voltage Service Rate	\$/kWh	0.0023
Rate Rider for Deferral/Variance Accounts Balances - in effect for 12 months (Excluding Global Adj.)	\$/kWh	0.0008
Rate Rider for Deferral/Variance A/C Balances - in effect for 12 months (Excluding Global Adj.) -NON-WMP	\$/kWh	(0.0061)
Rate Rider for Global Adjustment Account - in effect for 12 months -Applicable to Non RPP Customers only	\$/kWh	0.0071
Rate Rider for Group 2 Accounts - In effect for 12 months	\$	0.43
Rate Rider for Account 1576 - Accounting Change CGAAP/MIFRS - in effect for 24 months	\$	(2.58)
Rate Rider for LRAM Variance Account Balance - in effect for 12 months	\$	(0.14)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0018
<b>MONTHLY RATES AND CHARGES - Regulatory Component</b>		
Wholesale Market Service Rate	\$/kWh	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## 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 Condition 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.

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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

Service Charge	\$	34.16
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Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0174
Low Voltage Service Rate	\$/kWh	0.0023
Rate Rider for Deferral/Variance Accounts Balances - in effect for 12 months (Excluding Global Adj.)	\$/kWh	0.0008
Rate Rider for Deferral/Variance A/C Balances - in effect for 12 months (Excluding Global Adj.) -NON-WMP	\$/kWh	(0.0061)
Rate Rider for Global Adjustment Account - in effect for 12 months -Applicable to Non RPP Customers only	\$/kWh	0.0071
Rate Rider for Group 2 Accounts - In effect for 12 months	\$/kWh	0.0004
Rate Rider for Account 1576 - Accounting Change CGAAP/MIFRS - in effect for 24 months	\$/kWh	(0.0023)
Rate Rider for LRAM Variance Account Balance - in effect for 12 months	\$/kWh	0.0045
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0018

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

Wholesale Market Service Rate	\$/kWh	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

### **GENERAL SERVICE 50 TO 499 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 Condition 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	\$	190.92
Distribution Volumetric Rate	\$/kW	3.5672
Low Voltage Service Rate	\$/kW	0.9575
Rate Rider for Deferral/Variance Accounts Balances - in effect for 12 months (Excluding Global Adj.)	\$/kW	0.3001
Rate Rider for Deferral/Variance A/C Balances - in effect for 12 months (Excluding Global Adj.) -NON-WMP	\$/kW	(2.3564)
Rate Rider for Global Adjustment Account - in effect for 12 months -Applicable to Non RPP Customers only	\$/kW	2.7351
Rate Rider for Group 2 Accounts - In effect for 12 months	\$/kW	0.1472
Rate Rider for Account 1576 - Accounting Change CGAAP/MIFRS - in effect for 24 months	\$/kW	(0.8834)
Rate Rider for LRAM Variance Account Balance - in effect for 12 months	\$/kW	0.1535
Retail Transmission Rate - Network Service Rate	\$/kW	2.2158
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.6339

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

Wholesale Market Service Rate	\$/kWh	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

### **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 Condition 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	\$	24.31
Distribution Volumetric Rate	\$/kWh	0.0327
Low Voltage Service Rate	\$/kWh	0.0023
Rate Rider for Deferral/Variance Accounts Balances - in effect for 12 months (Excluding Global Adj.)	\$/kWh	0.0045
Rate Rider for Deferral/Variance A/C Balances - in effect for 12 months (Excluding Global Adj.) -NON-WMP	\$/kWh	(0.0061)
Rate Rider for Group 2 Accounts - In effect for 12 months	\$/kWh	0.0004
Rate Rider for Account 1576 - Accounting Change CGAAP/MIFRS - in effect for 24 months	\$/kWh	(0.0023)
Rate Rider for LRAM Variance Account Balance - in effect for 12 months	\$/kWh	-
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0018

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

Wholesale Market Service Rate	\$/kWh	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

### **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 Condition 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	\$	13.33
Distribution Volumetric Rate	\$/kW	23.1778
Low Voltage Service Rate	\$/kW	1.0127
Rate Rider for Deferral/Variance Accounts Balances - in effect for 12 months (Excluding Global Adj.)	\$/kW	0.2942
Rate Rider for Deferral/Variance A/C Balances - in effect for 12 months (Excluding Global Adj.) -NON-WMP	\$/kW	(2.4920)
Rate Rider for Group 2 Accounts - In effect for 12 months	\$/kW	0.1556
Rate Rider for Account 1576 - Accounting Change CGAAP/MIFRS - in effect for 24 months	\$/kW	(0.9343)
Rate Rider for LRAM Variance Account Balance - in effect for 12 months	\$/kW	-
Retail Transmission Rate - Network Service Rate	\$/kW	2.0415
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.5003

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

Wholesale Market Service Rate	\$/kW	0.0036
Rural Rate Protection Charge	h \$/kW	0.0013
Standard Supply Service - Administrative Charge (if applicable)	h \$	0.25

## **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

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

Service Charge	\$	1.26
Distribution Volumetric Rate	\$/kW	5.8788
Low Voltage Service Rate	\$/kW	1.9214
Rate Rider for Deferral/Variance Accounts Balances - in effect for 12 months (Excluding Global Adj.)	\$/kW	0.2625
Rate Rider for Deferral/Variance A/C Balances - in effect for 12 months (Excluding Global Adj.) -NON-WMP	\$/kW	(2.2673)
Rate Rider for Group 2 Accounts - In effect for 12 months	\$/kW	0.1416
Rate Rider for Account 1576 - Accounting Change CGAAP/MIFRS - in effect for 24 months	\$/kW	(0.8500)
Rate Rider for LRAM Variance Account Balance - in effect for 12 months	\$/kW	-
Retail Transmission Rate - Network Service Rate	\$/kW	2.0311
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.4901

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## 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

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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### MONTHLY RATES AND CHARGES - Regulatory Component

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

## ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.6)
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	(1.0)

## SPECIFIC SERVICE CHARGES

### APPLICATION

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

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

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

### Customer Administration

Arrears certificate	\$	15.00
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	%	1.5000
Late Payment – per annum	%	19.5600
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
Specific Charge for Bell Canada Access to the Power Poles – per pole/year	\$	22.35

## 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.

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.5000
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.3000
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.3000)
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	1.0898
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## Conditions of Service

CPUC has not made changes to the terms and conditions of service that will affect application of service.

## Revenue per Class

The following table Appendix 2-V, from the Filing Requirements is included with this Application as Attachment B, provides reconciliation between the revenue based on the 2016 Test Year proposed Distribution Rates and the total Base Revenue Requirement.

## Appendix 2-V

### Revenue Reconciliation

Rate Class	Customers/ Connections	Number of Customers/Connections			Test Year Consumption		Proposed Rates			Revenues at Proposed Rates	Class Specific Revenue Requirement	Transformer Allowance Credit	Total	Difference
		Start of Test Year	End of Test Year	Average	kWh	kW	Monthly Service Charge	Volumetric						
Residential	Customers	1,063.00	1,063.00	1,063.00	14,291,097		\$ 31.85	\$ 0.0131		\$ 593,491.97	\$ 593,933		\$ 593,933	\$ 441
GS < 50 kW	Customers	152.00	152.00	152.00	4,842,432		\$ 34.16	\$ 0.0174		\$ 146,566.16	\$ 146,482		\$ 146,482	-\$ 84
GS > 50 to 4,999 kW	Customers	13.00	13.00	13.00	6,630,340	17,297	\$ 190.92		\$ 3.5672	\$ 91,485.38	\$ 82,795	\$ 8,687	\$ 91,482	-\$ 3
Large Use				-						\$ -			\$ -	\$ -
Streetlighting	Connections	328.00	328.00	328.00	267,045	724	\$ 1.26		\$ 5.8788	\$ 9,215.61	\$ 9,227		\$ 9,227	\$ 11
Sentinel Lighting	Connections	23.00	23.00	23.00	26,757	65	\$ 13.33		\$23.1778	\$ 5,185.64	\$ 5,208		\$ 5,208	\$ 22
Unmetered Scattered Load	Connections	4.00	4.00	4.00	3,584		\$ 24.31	\$ 0.0327		\$ 1,284.08	\$ 1,284		\$ 1,284	-\$ 0
Standby Power				-						\$ -			\$ -	\$ -
Embedded Distributor Class				-						\$ -			\$ -	\$ -
etc.				-						\$ -			\$ -	\$ -
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## Revenue per class under Current and Proposed Rates

The following table compares CPUC's revenue under current (2015) rates and 2016 proposed rates.

Customer Classes	2016 Test Year			Current Rates (2015)		Total Revenue	Proposed Rates		Proposed Revenue
	# Customers	kWh	kW	Fixed	Variable		Fixed	Variable	
<b>Residential Customers</b>	1,063	14,291,097		24.04	0.0140	506,730	31.85	0.0131	593,933
<b>Gen Service &lt;50 kW Customers</b>	152	4,842,432		35.18	0.0179	150,848	34.16	0.0174	146,482
<b>Gen Service &gt;50 kW Customers</b>	13	6,630,340	17,296	193.66	3.6185	92,797	190.92	3.5672	91,482
<b>Unmetered Scattered Load</b>	4	3,584		24.99	0.0336	1,320	24.31	0.0327	1,284
<b>Sentinel Lighting</b>	23	26,757	66	8.65	15.0437	3,380	13.33	23.1778	5,208
<b>Street Lighting</b>	328	267,045	724	4.43	20.6218	32,367	1.26	5.8788	9,227
<b>TOTAL</b>	1,583	26,061,255	18,086			787,441			847,616

## Bill Impacts

CPUC has completed Appendix 2-W for all customer classes and provided a summary of impacts based on current approved rates and the 2016 proposed rates. These comparisons include all rate riders for the recovery of deferral and variance accounts and are before Taxes.

The following table shows bill impacts for the average customer by class

Rate Class	Average Consumption	Increase (Decrease)	
		\$ Amount	Percent
Residential	1,120 kWh	0.26	0.14%
General Service <50 kW	2,655 kWh	14.24	3.41 %
General Service > 50 kW	110.0 kW 42,503 kWh	(249.52)	(4.17)%
Un-metered Scattered Load	76 kWh	1.12	3.10%
Sentinel Lights	0.22 kW 57 kWh	7.01	36.19%
Street Lights	0.184 kW 68 kWh	(4.73)	(27.60)%

The following are bill comparisons by customer class for typical customers with various typical consumptions are as follows:

### Residential Class

Consumption kWh	2015 Cost	2016 Cost	Increase (Decrease)	
			\$	%
100	41.84	44.01	2.17	5.18
250	62.63	64.51	1.89	3.01
500	97.26	98.68	1.42	1.46
800	138.82	139.68	0.86	0.62
1,000	166.53	167.01	0.29	0.29
1,500	235.80	235.35	(0.46)	(0.19)
2,000	305.07	303.68	(1.39)	(0.46)
Average 1,120	183.16	183.41	0.26	0.14
Total Class	2,326,882.52	2,330,140.49	3,257.97	0.14

### General Service <50 kW

Consumption kWh	2015 Cost	2016 Cost	Increase (Decrease)	
			\$	%
1,000	183.04	184.54	1.50	0.82
2,000	324.93	334.13	9.20	2.83
5,000	750.60	782.89	32.29	4.30
10,000	1,460.05	1,530.84	70.79	4.85
15,000	2,169.50	2,278.78	109.28	5.04
Average 2,655	417.87	432.11	14.24	3.41
Total Class	751,266.88	786,681.02	35,420.44	3.78

### General Service >50 kW

Consumption		2015 Cost	2016 Cost	Increase (Decrease)	
kW	kWh			\$	%
60	30,000	4,117.38	3,969.61	(147.77)	(3.59)
60	50,000	6,309.34	6,191.13	(118.21)	(1.87)
100	50,000	6,702.60	6,488.21	(214.39)	(3.20)
100	90,000	11,086.52	10,931.25	(155.28)	(1.40)
150	75,000	9,934.13	9,636.46	(297.67)	(3.00)
150	125,000	15,414.03	15,190.26	(223.77)	(1.45)
400	200,000	26,091.75	25,377.71	(714.04)	(2.74)
Average 110 kW 42,502 kWh		5,979.15	5,729.63	(249.52)	(4.17)
Total Class		926,974.61	894,713.55	(33,206.56)	(3.58)

### Unmetered Scattered Load

Consumption kWh	2015 Cost	2016 Cost	Increase (Decrease)	
			\$	%
50	32.53	33.04	0.50	1.55
100	39.29	40.97	1.69	4.29
Average 76	36.05	37.16	1.12	3.10
Total Class	1,684.47	1,736.62	52.15	3.10

### Sentinel Lights

Consumption kW                  kWh	2015 Cost	2016 Cost	Increase (Decrease)	
			\$	%
0.50                  50	22.34	32.18	9.84	44.06
1.00                  100	35.23	50.24	15.00	42.59
Average 0.22 kW 57 kWh	19.38	26.39	7.01	36.19
Total Class	6,547.52	8,556.12	2,008.59	30.68

### Street Lights

Consumption kWh	2015 Cost	2016 Cost	Increase (Decrease)	
			\$	%
Ave. 0.18 kW 68 kWh	17.15	12.42	(4.73)	(27.60)
Total Class	65,635.43	45,856.12	(18,779.31)	(29.05)

## Rate Mitigation

### Rate Mitigation for impacts over 10.0%

The **Street Light** class Cost Ratio is at 370.55% which is outside the OEBs policy range of 80% - 120% therefore Chapleau PUC will adjust Street Light rates to be at 100% range. This will not affect the revenue requirement of other customer classes.

The **Sentinel Light** class customers are being affected by more than 10.0% by the 2016 Cost of Service process. In the Cost Allocation model analysis, Sheet O1 "Revenue to Cost RR", it was identified that its cost ratio is at 72.18%. This ratio requires that it be at a minimum of 80.0% and therefore CPUC will adjust this ratio over 4 years as follows:

The cost ratio will increase to 73.10% on May 1, 2016, 76.07% on May 1, 2017 and to 79.35% on May 1, 2018 and to 80.00% on May 1, 2019.

CPUC will adjust all 23 customer's Fixed/Variable Rate over 4 years as follows:

Year/Rate	Fixed Rate	Variable Rate	Total Cost	Increase \$	Increase %	Loss of Revenue
2015	\$8.65	\$15.0437	\$19.38			
2016	\$8.65	\$21.3500	\$21.35	\$1.93	9.96%	\$1,412.32
2017	\$10.37	\$23.1778	\$23.43	\$2.12	9.95%	\$830.76
2018	\$12.71	\$23.1778	\$25.77	\$2.34	9.99%	\$171.12
2019	\$13.33	\$23.1778	\$26.39	\$0.46	1.79%	\$0.00

The above table is based on the average Sentinel Light customer consuming 0.22 kW and 57 kWh per month. Customers consuming less than the average will experience increases of over 10.0% however the \$ amounts will be approximately \$1.93 per month or less.

CPUC does not intend to adjust revenue requirement to other customer classes to recover the above loss of revenue.

### Residential Rate Design Mitigation

As discussed above CPUC's monthly change in its proposed fixed distribution charge for the residential rate design over the 4 year period is \$4.59 which is above the \$4.00 maximum and therefore requires mitigation for the monthly change in its proposed fixed distribution charge to be over a 5 year period at \$3.67.