# Ontario Energy Board Commission de l'énergie de l'Ontario

# **DECISION AND RATE ORDER**

EB-2017-0085/EB-2017-0292

# WHITBY HYDRO ELECTRIC CORPORATION

Combined Proceeding: (a) Application for rates and other charges to be effective January 1, 2018 and (b) Application related to stranded conventional meters, smarter meter incremental revenue requirement, Group 2 deferral and variance accounts, and low voltage service rates

**BEFORE: Lynne Anderson** 

**Presiding Member** 

Allison Duff Member

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# 1 INTRODUCTION AND SUMMARY

This Decision and Rate Order approves Whitby Hydro Electric Corporation's (a) incentive rate-setting mechanism (IRM) application for the 2018 rate year, and (b) the utility's 'stand alone' application relating to stranded conventional meters, smart meter incremental revenue requirement, Group 2 deferral and variance accounts, and low voltage service rates.

Whitby Hydro Electric Corporation (Whitby Hydro) serves about 42,000 mostly residential and commercial electricity customers in the Town of Whitby, Village of Brooklin, and the hamlets of Ashburn and Myrtle. The company is seeking the approval of the Ontario Energy Board (OEB) for the rates it charges to distribute electricity to its customers, as is required of licenced and rate-regulated distributors in Ontario.

The IRM application was filed on August 15, 2017, under section 78 of the *Ontario Energy Board Act*, 1998, S.O. 1998, c. 15, (Schedule B) (the Act) and under the *Chapter 3 Filing Requirements for Incentive Rate-Setting Applications* (Filing Requirements). Through the IRM application, Whitby Hydro is seeking approval for changes to its electricity distribution rates, to be effective January 1, 2018.

A distributor has the option to choose one of three rate-setting methodologies approved by the OEB. Each of these is explained in the OEB's Filing Requirements. Whitby Hydro's IRM application is based on the Annual IR Index option to set rates for 2018. The Annual IR Index is based on inflation less the OEB's highest stretch factor assessment of a distributor's efficiency. In accordance with the OEB-approved 2018 parameters for an Annual IR Index adjustment, Whitby Hydro applied for an increase of 0.6% to distribution rates.

As a result of the OEB's findings in this Decision, there will be a monthly bill increase of \$0.49 for a residential customer consuming 750 kWh, effective January 1, 2018.

Whitby Hydro has also applied to change the composition of its distribution service rates. Residential distribution service rates currently include a fixed monthly charge and a variable usage charge. In 2015, the OEB issued a policy to transition these rates to a fully fixed structure over a four-year period beginning in 2016.<sup>2</sup> Accordingly, the fixed

<sup>&</sup>lt;sup>1</sup> EB-2017-0085

<sup>&</sup>lt;sup>2</sup> OEB Policy – "A New Distribution Rate Design for Residential Electricity Customers", EB-2012-0410, April 2, 2015

monthly charge for 2018 has once again been adjusted upward in this Decision by more than the mechanistic adjustment alone. The variable usage rate is commensurately lower. This policy change does not affect the total revenue that distributors collect from residential customers.

On September 5, 2017, Whitby Hydro filed a second 'stand-alone application' affecting 2018 rates, under section 78 of the Act, in order to address matters related to stranded conventional meters, smart meter incremental revenue requirement, Group 2 deferral and variance accounts, and low voltage service rates.<sup>3</sup>

As noted in a letter issued by the OEB on September 29, 2017, pursuant to the powers in section 21(5) of the Act, the OEB combined the hearing of the IRM application and the stand-alone application.

As there were no intervenors in the proceeding, the OEB determined that OEB staff and Whitby Hydro would participate in a settlement conference as the only parties. Whitby Hydro filed a settlement proposal with the OEB on December 15, 2017, indicating that parties had reached an agreement on all issues in the proceeding. The settlement proposal is accepted by the OEB in this Decision, and is attached as Schedule B.

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<sup>3</sup> EB-2017-0292

# **2 THE PROCESS**

The OEB follows a standardized and streamlined process for hearing IRM applications filed under the Annual IR Index option. In each adjustment year of an Annual IR Index term, the OEB prepares a Rate Generator Model that includes information from the distributor's past proceedings and annual reporting requirements. A distributor will then review and complete the Rate Generator Model and include it with its application. During the course of the proceeding, the Rate Generator Model will also be updated or corrected, as required.

The Rate Generator Model updates base rates, retail transmission service rates and, if applicable, shared tax saving adjustments. It also calculates rate riders for the disposition of deferral and variance account balances.

The OEB issued a Notice of Application on October 16, 2017, inviting parties to apply for intervenor status. No requests for intervenor status were received, nor was a request made for an oral hearing.

The OEB issued Procedural Order No. 1 on November 2, 2017 establishing, among other things, the timetable for a written interrogatory discovery process and a settlement conference. Whitby Hydro filed a portion of its interrogatory responses on November 15, 2017, and the remainder of its responses on November 23, 2017.

The settlement conference was held on November 29, 2017 at the OEB's offices. The settlement conference continued over the following few days by teleconference and further confidential exchanges of correspondence.

Whitby Hydro filed the settlement proposal with the OEB on December 15, 2017, indicating that Whitby Hydro and OEB staff had reached an agreement on all issues relating to both applications.

# 3 DECISION

The OEB accepts the settlement proposal. The OEB does not generally approve adjustments to base rates or the clearance of Group 2 deferral and variance accounts outside of a rebasing application (cost of service or custom incentive rate-setting). The OEB finds that it is appropriate to do so in this proceeding because of the unique circumstances of Whitby Hydro.

Whitby Hydro has not rebased its rates since its 2010 cost of service rate application, which resulted in rates effective January 1, 2011. In the absence of a rebasing application, Whitby Hydro still has stranded meter costs from the smart meter project embedded in its base rates. It also has had a rate rider for its smart meter costs since May 1, 2013, rather than having these costs in base rates.

Furthermore, Whitby Hydro has delivery points embedded within the distribution system of Hydro One Networks Inc. It pays for this service through low voltage charges. The cost for these low voltage charges is embedded within Whitby Hydro's base distribution rates. Other distributors have separate rates for low voltage charges.

The OEB sees the benefit of addressing these matters at this time so that base rates more effectively reflect Whitby Hydro's operations, and for greater consistency with the rates of other distributors.

In addition, Whitby Hydro's Group 2 deferral and variance accounts were last disposed for the balances at December 31, 2008. The OEB agrees that these balances should be cleared.

Finally, the OEB notes that Whitby Hydro has amended its depreciation rates as part of its transition to International Financial Reporting Standards (IFRS). For the inclusion of the smart meter costs in base rates, Whitby Hydro has depreciated the capital cost of the smart meters over 12 years. The typical depreciation for smart meters is 15 years. The OEB accepts the settlement proposal without prejudice to what the OEB may approve for the depreciation of Whitby Hydro's smart meters in the utility's next rebasing application. The change to the smart meter depreciation rates does not have a material effect to the rates resulting from the settlement proposal.

# **4 RATE ORDER**

# THE ONTARIO ENERGY BOARD ORDERS THAT:

- 1. The settlement proposal, attached as Schedule B, is accepted as filed.
- The Tariff of Rates and Charges set out in Schedule A of this Decision and Rate
  Order is final effective January 1, 2018. Whitby Hydro Electric Corporation will notify
  its customers of the rate changes no later than the delivery of the first bill reflecting
  the new rates.
- 3. Whitby Hydro Electric Corporation shall pay the OEB's costs incidental to this proceeding upon receipt of the OEB's invoice.

**DATED** at Toronto December 20, 2017

# **ONTARIO ENERGY BOARD**

Original Signed By

Kirsten Walli Board Secretary

# SCHEDULE A: TARIFF OF RATES AND CHARGES DECISION AND RATE ORDER WHITBY HYDRO ELECTRIC CORPORATION EB-2017-0085/EB-2017-0292 DECEMBER 20, 2017

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

EB-2017-0085/EB-2017-0292

# RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to detached, semi-detached or freehold townhouse dwelling units. Energy is supplied to residential customers as single phase, three wire, 60 Hertz, having a normal voltage of 120/240 Volts up to a maximum of 200 Amps per dwelling unit. Class B consumers are defined in accordance with O. Reg. 429/04. 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge	\$	29.18
Rate Rider for Disposition of Group Two Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$	0.76
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$	0.60
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0038
Low Voltage Service Rate	\$/kWh	0.0010
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	(0.0028)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 Applicable		
only for Class B Customers	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0075
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0067
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	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25
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EB-2017-0085/EB-2017-0292

# GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW, shall include small apartment buildings and smaller commercial, industrial, and institutional developments. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

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Service Charge	\$	26.87
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$	4.02
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0201
Low Voltage Service Rate	\$/kWh	0.0009
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	(0.0028)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 Applicable	Э	
only for Class B Customers	\$/kWh	0.0002
Rate Rider for Disposition of Group Two Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	0.0010
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0062
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	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2018
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EB-2017-0085/EB-2017-0292

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

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW and includes apartment buildings, and commercial, industrial, and institutional developments. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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The rate rider for the disposition of WMS - Sub-account CBR is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied in for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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 Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge	\$	207.90
Distribution Volumetric Rate	\$/kW	4.1399
	•	
Low Voltage Service Rate	\$/kW	0.3181
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018		
Applicable only for Non-Wholesale Market Participants	\$/kW	(1.4329)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	0.2829
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 Applicable	)	
only for Class B Customers	\$/kW	0.0866
Rate Rider for Disposition of Group Two Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	0.4172
Retail Transmission Rate - Network Service Rate	\$/kW	2.7300
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3528
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	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25
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# UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, decorative lighting, bill boards, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

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Service Charge (per connection)	\$	10.07
Distribution Volumetric Rate	\$/kWh	0.0325
Low Voltage Service Rate	\$/kWh	0.0009
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	(0.0031)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 Applicable	9	
only for Class B Customers	\$/kWh	0.0002
Rate Rider for Disposition of Group Two Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	0.0010
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0062
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	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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EB-2017-0085/EB-2017-0292

# SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Class B consumers are defined in accordance with O. Reg. 429/04. 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge (per light) Distribution Volumetric Rate Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018 Retail Transmission Rate - Network Service Rate	\$ \$/kW \$/kW \$/kW	5.73 15.4050 (0.9666) 2.0695
Retail Transmission Rate - Line and Transformation Connection Service Rate  MONTHLY RATES AND CHARGES - Regulatory Component	\$/kW	1.8570
Wholesale Market Service Rate (WMS) - not including CBR Capacity Based Recovery (CBR) - Applicable for Class B Customers Rural or Remote Electricity Rate Protection Charge (RRRP) Standard Supply Service - Administrative Charge (if applicable)	\$/kWh \$/kWh \$/kWh \$	0.0032 0.0004 0.0003 0.25

Effective and Implementation Date January 1, 2018
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EB-2017-0085/EB-2017-0292

# STREET LIGHTING SERVICE CLASSIFICATION

This classification relates to the supply of power for street lighting installations. Street lighting design and installations shall be in accordance with the requirements of Whitby Hydro, Town of Whitby specifications and ESA. The Town of Whitby retains ownership of the street lighting system on municipal roadways. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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Service Charge (per light)	\$	1.80
Distribution Volumetric Rate	\$/kW	7.0858
Low Voltage Service Rate	\$/kW	0.2459
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	(1.0827)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 Applicable	е	
only for Class B Customers	\$/kW	0.0810
Rate Rider for Disposition of Group Two Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	0.3674
Retail Transmission Rate - Network Service Rate	\$/kW	2.0590
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8189
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	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date January 1, 2018
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EB-2017-0085/EB-2017-0292

# microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Independent Electricity System Operator'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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment 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	\$/kW	(0.60)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

# SPECIFIC SERVICE CHARGES

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### **Customer Administration**

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Easement Letter	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned Cheque (plus bank charges)	\$	15.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Legal letter charge	\$	15.00
Non-Payment of Account		
Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00
Install/remove load control device - during regular hours	\$	65.00
Install/remove load control device - after regular hours	\$	185.00
Other		
Temporary service - install & remove - overhead - no transformer	\$	500.00
Temporary service - install & remove - underground - no transformer	\$	300.00
Temporary service - install & remove - overhead - with transformer	\$	1,000.00
Service call - customer owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Specific charge for access to the power poles - \$/pole/year		
(with the exception of wireless attachments)	\$	22.35

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

EB-2017-0085/EB-2017-0292

# 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

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

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

# 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	1.0454
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0349

# SCHEDULE B: SETTLEMENT PROPOSAL DECISION AND RATE ORDER WHITBY HYDRO ELECTRIC CORPORATION EB-2017-0085/EB-2017-0292 DECEMBER 20, 2017

# **SETTLEMENT PROPOSAL**

# **Whitby Hydro Electric Corporation**

2018 Annual IR Distribution Rate Application and

2018 Stand Alone Rate Application

EB-2017-0085 / EB-2017-0292

Filed: December 15, 2017

# Whitby Hydro Electric Corporation

2018 Annual IR Distribution Rate Application and 2018 Stand Alone Rate Application

EB-2017-0085 / EB-2017-0292

# SETTLEMENT PROPOSAL

# A. PREAMBLE

On August 15, 2017, Whitby Hydro Electric Corporation ("Whitby Hydro") filed an application with the Ontario Energy Board (the "OEB" or the "Board") under section 78 of the Ontario Energy Board Act, 1998, S.O. 1998, c. 15, (Schedule B) (the "Act") for an order approving just and reasonable rates and other charges for the distribution of electricity effective January 1, 2018 pursuant to the Board's Annual Incentive Rate Index rate-setting methodology (the "Annual IR Application").

The Annual IR Application was prepared in accordance with Chapter 3 of the OEB's *Filing Requirements for Electricity Distribution Rate Applications* dated July 20, 2017 (the "**Filing Requirements**").

On September 5, 2017, Whitby Hydro filed a second application with the Board under section 78 of the Act for an order approving just and reasonable rates and other charges for the distribution of electricity effective January 1, 2018 to address matters related to stranded conventional meters (including the disposition of Account 1555 which represents the net book value of stranded meters and an adjustment to distribution rates to remove the capital portion of revenue requirement which relates to stranded conventional meters), smart meter incremental revenue requirement ("SMIRR"), Group 2 deferral and variance accounts ("Group 2 DVAs"), and Low Voltage service rates (the "Stand-Alone Application").

During 2017, Whitby Hydro updated the Board on its continued discussions related to a potential merger through a meeting with Board staff on June 28, 2017 and a letter issued August 9, 2017 summarizing the current status of the merger discussions. Whitby Hydro continues to be actively engaged in potential merger discussions, which are expected to continue into 2018.

As potential merger discussions have been actively advancing, Whitby Hydro contemplated that a full cost-of-service ("COS" or "rebasing") rate application could be delayed for a period of up to ten (10) years if a merger were to take place, as allowed for by the OEB's Handbook to Electricity Distributor and Transmitter Consolidations issued on January 19, 2016. It is Whitby Hydro's belief that it would be in the best interest of its customers and stakeholders, and the Board as well as Whitby Hydro to address a number of rate-related items through the Stand-

Alone Application in order to ensure that rates and rate riders are enacted on a more timely basis than through the next COS process.

The Stand-Alone Application was prepared in accordance with applicable provisions of Chapter 2 of the Filing Requirements, with the exception of Exhibit 1: Stranded Meters and Exhibit 3: Group 2 DVAs. The current version of the Filing Requirements does not include a specific section on the stranded meters. As a result, Exhibit 1: Stranded Meters was prepared substantially in accordance with Section 2.2.1.4 of the July 14, 2016 version of the Chapter 2 Filing Requirements ("2016 Filing Requirements") which specifically addressed stranded meters and referenced the OEB's Guideline G-2011-0001 Smart Meter Funding and Cost Recovery – Final Disposition issued December 15, 2011 (the "Smart Meter Guideline"). Exhibit 3 was prepared in accordance with the Filing Requirements and the Report of the Board on Electricity Distributor's Deferral and Variance Account Review Initiative EB-2008-0046 dated July 31, 2009 ("EDDVAR Report").

On September 29, 2017, the OEB issued a letter which combined the hearing of the Annual IR Application and Stand-Alone Application pursuant to s. 21(5) of the Act (the Annual IR Application together with the Stand-Alone Application are hereinafter collectively referred to as the "**Applications**", and each an "**Application**").

In Procedural Order No. 1, issued on November 2, 2017 ("**PO#1**"), the Board confirmed that no intervenor requests were received and the Board required OEB staff interrogatories to be filed by November 8, 2017.

Whitby Hydro filed a portion of its interrogatory responses on November 15, 2017 and requested an extension to November 23, 2017 to file its remaining responses with respect to Exhibit 1: Stranded Meters. The OEB granted the extension in a letter on November 17, 2017 and amended the subsequent procedural dates that were set out in PO#1. Whitby Hydro filed the balance of its interrogatory responses on November 23, 2017.

A Settlement Conference was duly held on November 29, 2017 at the Board's offices at 2300 Yonge Street, 25th Floor, Toronto and was held in accordance with the Board's *Practice Direction on Settlement Conferences* ("**Practice Direction**"). The Settlement Conference continued over the following few days, with various teleconferences and correspondence.

This Settlement Proposal arises from the Settlement Conference.

# The Parties

As there are no intervenors in the proceeding, Whitby Hydro and OEB staff (together, the "**Parties**") were the only participants in the Settlement Conference. While, typically, OEB staff participates in settlement conferences but is not a party to the resulting settlement proposal, the Practice Direction does expressly contemplate this possibility. As directed by the OEB in PO#1, OEB staff was a party at the Settlement Conference and is a party to this Settlement Proposal.

# Confidentiality

The Parties acknowledge that the discussions that took place during the Settlement Conference and prior drafts of this Settlement Proposal are confidential in accordance with the Board's Practice Direction. The Parties understand that confidentiality in this context does not have the same meaning as confidentiality in the Board's Practice Direction on Confidential Filings, and the rules of that latter document do not apply. Instead, in the Settlement Conference, and in this Settlement Proposal, the Parties have interpreted "confidential" to mean that the documents and other information provided during the course of the Settlement Conference, the discussion of each issue, the offers and counter-offers, and the negotiations leading to the settlement of each issue during the Settlement Conference, with the exception of certain documents (clarifying questions and responses and updated spreadsheet models) that provide additional details and calculations and are integral to the Settlement Proposal, and that accompany and form part of this Settlement Proposal, are strictly privileged and without prejudice. None of the foregoing confidential material, with the exception of the material referred to in the preceding sentence that accompanies and forms part of this Settlement Proposal, is admissible as evidence in this proceeding, or otherwise, with one exception: the need to resolve a subsequent dispute over the interpretation of any provision of this Settlement Proposal. Further, the Parties shall not disclose those documents or other information to persons who were not attendees at the Settlement Conference. However, the Parties agree that "attendees" is deemed to include, in this context, persons who were not physically in attendance at the Settlement Conference but were (a) any persons or entities that the Parties engaged to assist them with the Settlement Conference, or (b) any persons or entities from whom they seek instructions with respect to the negotiations, in each case provided that any such persons or entities have agreed to be bound by the same confidentiality provisions.

# B. PARAMETERS OF THE PROPOSED SETTLEMENT

The Parties are pleased to inform the Board that they have come to a complete agreement on all issues in both of the Applications.

This Settlement Proposal describes the agreement reached; provides references to the evidence on the record to date; and includes responses to OEB staff clarification questions and updated versions of models pertaining to the Applications and the Settlement Proposal. The Parties consider that the evidence is sufficient to support the Settlement Proposal and that the quality and detail of the evidence will enable the Board to make a finding accepting the proposed settlement.

None of the Parties can withdraw from this Settlement Proposal except in accordance with Rule 30.05 of the *Rules of Practice and Procedure*.

This Settlement Proposal has been settled by the Parties as a package and none of the provisions are severable. If the Board does not accept this package in its entirety, then there is no settlement

(unless the Parties agree that any portion of the package that the Board does accept may continue as part of a valid settlement proposal).

In the event the Board directs the Parties to make reasonable efforts to revise the Settlement Proposal, the Parties agree to use reasonable efforts to discuss any potential revisions, but no Party will be obligated to accept any proposed revision. The Parties agree that all of the Parties who took a position on a particular issue must agree with any revised Settlement Proposal as it relates to that issue prior to its re-submission to the Board.

Finally, this Settlement Proposal is without prejudice to the positions the Parties might take in other proceedings.

# C. TERMS OF SETTLEMENT

The Parties have addressed the settlement of the Applications through a three-step approach.

First, the Parties have addressed all matters related to the Stand-Alone Application with a view to disposing of specific Group 2 DVAs and setting base distribution rates for December 31, 2017 ("Base Distribution Rates") as further described in section D below.

By doing this, the Parties have addressed a number of rate related items, specifically:

- the unbundling of low voltage (LV) charges from base distribution rates;
- the elimination of the capital-related revenue requirement of stranded conventional meters from base distribution rates;
- the inclusion of a smart meter incremental revenue requirement in base distribution rates; and
- the timely disposition of specific Group 2 DVAs, some of which include account transactions and balances that date back to 2009.

The Parties agree that these adjustments are in the public interest. They ensure that Whitby Hydro's distribution rates more accurately reflect costs and associated cost drivers in a timely manner, in light of the potential delay of a full cost-of-service rate application in accordance with the Board's policies regarding mergers of electricity distribution utilities.

Second, the Parties utilized the Base Distribution Rates as inputs into the 2018 IRM Rate Generator Model to establish rates effective January 1, 2018 as further described in Section E below. A breakdown and comparison of the Base Distribution Rates has been provided as **Appendix "A"**. A revised version of the 2018 IRM Rate Generator Model, with all necessary adjustments made, is being filed together with this Settlement Proposal. On this basis, the Parties have agreed to all matters related to the Annual IR Application, including the disposition of all Group 1 DVAs and the transfer of shared tax savings to Account 1595.

Third, the Parties agree that, if the proposed merger is neither (a) completed nor (b) the subject of a MAADs application before the Board by December 31, 2018, then Whitby Hydro will begin preparing a COS application in accordance with the Board's filing requirements beginning in 2019. If the proposed merger is the subject of a MAADs application before the Board prior to December 31, 2018, and the Board subsequently rejects that application, then subject to Whitby Hydro's appeal and review rights Whitby Hydro will begin preparing a COS application in accordance with the Board's filing requirements promptly thereafter. Whitby Hydro further undertakes to file a COS application as soon as reasonably practical thereafter, taking into consideration the time necessary to prepare an application in accordance with the Board's filing requirements and taking into consideration the Board's then current deadlines for filing COS applications. The intent of this commitment, which is binding on Whitby Hydro, is to ensure that if the proposed merger has not proceeded by the end of 2018, base distribution rates will be established on a full cost-of-service basis as soon a reasonably practical thereafter.

Detailed bill impacts arising from this Settlement Proposal are included in Appendix "B".

# **D.** The Stand-Alone Application

The Parties have agreed to first address matters related to the Stand-Alone Application, with a view to disposing of certain Group 2 DVAs and establishing Base Distribution Rates which would then serve as an inputs for the Annual IR Application.

# 1. Stranded Meters

(a) <u>Disposition of the Net Book Value of Stranded Meters</u>

In accordance with the Smart Meter Guideline, distributors are to be "held whole with respect to the cost recovery of stranded meters (i.e. conventional meters replaced as part of the smart meter initiative)".<sup>1</sup>

As part of the overall settlement herein, the Parties agree to Whitby Hydro's request for disposition of Account 1555 – sub-account stranded meters, regarding stranded meter assets related to smart meter deployment, in order to permit the recovery of the net book value of the stranded meters of \$780,521 as at December 31, 2017, through separate Stranded Meter Rate riders for each of the Residential and GS<50kW rate classes, over a two year period, as described in Exhibit 1 of the Stand-Alone Application at Table 1-2: Stranded Meter Rate Riders (reproduced again below for ease of reference).

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<sup>&</sup>lt;sup>1</sup> Guideline G-2011-0001 Smart Meter Funding and Cost Recovery – Final Disposition, December 15, 2011, p. 21, referencing O.Reg. 426/06, s.3.

Table 1-2: Stranded Meter Rate Riders

Rate Class	Meter	Recovery Period (Years)	Annual Recovery	# Customers*	Proposed Rate Rider
Residential	566,420	2	283,210	39,588	0.60
GS < 50kW	214,101	2	107,050	2,220	4.02
TOTAL	780,521		390,260		

<sup>\*</sup> as reported in 2016 RRR

# Adjustment to Base Distribution Rates for Stranded Meters

As part of the overall settlement herein, the Parties also agree to adjust Base Distribution Rates to remove a value associated with capital-related revenue requirement of the stranded conventional meters that were included at the time distribution rates were last reset in a COS application for Whitby Hydro (EB-2009-0274). The value to be removed and the associated reduction for 2017 Base Distribution Rates are summarized below.

2017 Proxy Revenue Requirement for Stranded Conventional Meters

	Fixed/	2017 Proxy		Adjustment for 2017		
	Variable	Revenue	# Customers	Bas	e Distribution	
Rate Class	Split (2)	Requirement	or kWh (1)		Rates	
Residential	100.0%	204,807	39,588	\$	0.43	\$ per customer per month
GS < 50kW	23.7%	18,347	2,220	\$	0.69	\$ per customer per month
G3 < 30KVV	76.3%	59,068	88,118,790	\$	0.0007	\$/kWh
TOTAL		282,223				

<sup>1)</sup> as reported in 2016 RRR

To make this adjustment, the Parties agree with the methodology proposed by Whitby Hydro in Exhibit 1 of the Stand-Alone Application to calculate a 2011 stranded meter revenue requirement proxy, and then to escalate that revenue requirement using the applicable net price cap adjustment for each year from 2012 to 2017 (rather than 2018 as proposed in the initial application). From Table 1-3 on page 8 of Exhibit 1: Stranded Meters of the initial application, the capital-related revenue requirement in 2011 rates is calculated to be \$261,293. The annual price cap adjustments from 2012 to 2017 inclusive were then applied. This results in a reduction of \$282,223 to Base Distribution Rates for stranded meters, as shown below.

Revenue Requirement 2011- 2018								
	2011	2012	2013	2014	2015	2016	2047	2018
IDI Alek Diese Cook	2011						2017	
IPI (Net Price Cap)		0.58%	1.08%	1.40%	1.30%	1.80%	1.60%	1.30%
Distribution Revenue	261,293	262,808	265,646	269,365	272,867	277,779	282,223	285,892
Depreciation Expense	136,166							
Deemed Interest Expense	50,722							
Income Tax Expense	12,501							
-	199,389							
Utility Net Income	61,904							

<sup>2)</sup> Residential -fully fixed rate design. GS<50kW - consistent with 2011 rate design (2018 Rate Generator Model Tab 9)

The Parties agree that this adjustment to Base Distribution Rates to remove stranded meters going forward is in the public interest. When combined along with the smart meter incremental revenue requirement (discussed below), it results in Base Distribution Rates that better reflect the actual metering costs going forward and on which the 2018 and subsequent IRM rate adjustments will be applied until Whitby Hydro next rebases rates.

# **Approval:**

Parties in Support: Whitby Hydro, OEB Staff

Parties Opposed: None

Parties Taking No Position: None

### **Evidence:**

The evidence relied on for purpose of this settlement includes the following:

- Exhibit 1 of the Stand-Alone Application; and
- Response to OEB Staff IR#6.
- Appendix A: Base Distribution Rates

# 2. Adjustment to Base Distribution Rates to Account for Smart Meter Incremental Revenue Requirement

As part of the overall settlement herein, the Parties also agree to adjust Base Distribution Rates as of 2017 to incorporate costs associated with the smart meter incremental revenue requirement, and thereby eliminating the need for a separate SMIRR rate rider as proposed by Whitby Hydro in Exhibit 1 of the Stand-Alone Application. The Parties agreed to use the Smart Meter model which has been filed with this settlement proposal to calculate the SMIRR to be used for the adjustment (increase) to Base Distribution Rates. The adjustment by rate class has been summarized below.

2017 Smart Meter Revenue Requirement (SMIRR)

Rate Class	Smart Meter Revenue Requirement	# Customers (Note 1)	Adjustment to 2017 Base Distribution Rates (per month)
Residential	961,383	39,588	\$ 2.02
GS < 50kW	160,038	2,220	\$ 6.01
TOTAL	1,121,421		

<sup>(1)</sup> as reported in 2016 RRR

The Parties agreed to use the model filed as part of the response to IR#10 (b) as the starting point and to adjust for certain modifications that the Parties have agreed are appropriate, namely:

<sup>(2)</sup> Currently approved SMIRR for Residential and GS<50kW is \$2.20 and \$7.11 respectively

- Incremental 2017 operations, maintenance and administration costs were reduced by \$60,000 to better reflect the cost efficiencies associated with the elimination of stranded meters; and
- Amortization expense reflects an averaging of 2017 actual and normalized smart meter related amortization expense to incorporate changes made to the useful lives of specific smart meter related asset categories by Whitby Hydro in 2014. This provides a balanced approach to ensure that the SMIRR does not include an over or under recovery related to the "catch up" adjustment for depreciation due to the change in useful lives.

A breakdown of the amortization (depreciation) expense used in the Smart Meter model for determining 2017 smart meter revenue requirement has been summarized below. The normalization methodology utilized by the Parties arose due to the fact that Whitby Hydro shortened the useful lives of its Smart Meter Capital and Other Equipment from 15 to 12 years, as part of the review of asset lives required under IFRS. The "Normalized Depreciation" shown in the table below was calculated assuming the shorter useful lives were used by Whitby Hydro immediately when the Smart Meter Capital and Other Equipment was first installed, rather than 2014. The difference between the Actual Depreciation and the Normalized Depreciation is the notional "catch-up" in amortization (depreciation) expense for 2017 and onwards that is required due to the fact that the change in useful lives did not occur until 2014. OEB Staff's concern was that over a prolonged period of time (i.e. 5+ years), this "catch-up" amount would no longer be required and there was a risk of over-recovery in rates if Actual Depreciation was used. However, OEB Staff agreed that using the Normalized Depreciation would result in certain under-recovery in rates, since Whitby Hydro would never actually recover the "catch-up" amount in rates. Given this, the Parties agreed that an average of the Actual Depreciation and the Normalized Depreciation reflected an appropriate compromise and balanced approach to ensure that the SMIRR does not include an over or under recovery in rates due to the change in useful lives.

Amortization/Depreciation Expense - 2017

	Actual	Normalized	Average (Blended)
	Depreciation	Depreciation	Depreciation
Smart Meter Capital	451,901	418,945	435,423
Computer Hardware	10,717	10,717	10,717
Computer Software & Appl	10,931	10,931	10,931
Other Equipment	49,433	43,535	46,484
Total	522,981	484,128	503,555

The adjusted smart meter model reflecting the incremental revenue requirement is attached to and forms part of this Settlement Proposal.

The Parties agree that this approach results in:

- Improving efficiencies and ease of administration through the elimination of a separate rate rider;
- Avoiding confusion for customers and other stakeholders through the elimination of a separate rate rider;
- Allowing for the mechanistic adjustment through the Annual IR Index process into the future, to reflect both inflationary and productivity drivers of smart meter costs recovered through distribution rates; and
- Providing for more accurate Base Distribution Rates that better reflect the actual metering
  costs, consistent with treatment of other core distribution capital and operating costs for
  recovery through rates, going forward.

# **Approval:**

Parties in Support: Whitby Hydro, OEB Staff

Parties Opposed: None

Parties Taking No Position: None

# **Evidence:**

The evidence relied on for purpose of this settlement includes the following:

- Exhibit 1 of the Stand-Alone Application;
- Response to OEB Staff IR#10, 11 and 12
- Appendix A: Base Distribution Rates
- Excel File: Whitby\_2018 Smart Meter Model\_20171215

# 3. Low Voltage

# (a) Unbundle Low Voltage Service from Base Distribution Rates

As an electricity distributor (LDC) that is partially embedded within Hydro One Networks Inc. (HONI), Whitby Hydro is subject to HONI's OEB-approved low voltage (LV) charges. As part of Whitby Hydro's 2011 rate application (EB-2009-0274), the Board approved an LV cost recovery rate which is "bundled" into its volumetric distribution rates. The bundling of LV rates with volumetric distribution rates was consistent with prior historical practices. Unbundling into separate LV service rates, as is the current practice, has not specifically been identified as a filing requirement by the Board and has not previously been addressed by Whitby Hydro through a COS or stand-alone application since the EB-2009-0274 proceeding.

In recent years, most LDCs have unbundled LV from distribution rates and created separate LV service rates as part of a COS application; Whitby Hydro proposed a similar approach in the Stand-Alone Application. The approach ensures that the LV rates approved in the last COS application were adjusted using the applicable net price cap adjustment for each year from 2012 to 2017 and any impacts resulting from the transition of residential rate design were incorporated into the LV rates before being unbundled as part of the 2017 Base Distribution Rates. A summary of the results of Whitby Hydro's unbundling of 2017 LV rates was provided in Table 2-6 of the application and is included below for ease of reference:

2017 Approved Rates		Fixed \$/cust)	_	ariable Wh/kW)
Total Distribution				
Res	\$	24.57	\$	0.0076
GS<50	\$	21.39	\$	0.0210
GS>50	\$	206.66	\$	4.2316
USL	\$	10.01	\$	0.0326
SL	\$	5.70	\$	15.4050
ST	\$	1.79	\$	7.1336
LV (unbundled) Res GS<50 GS>50 USL SL ST	\$ \$ \$ \$ \$ \$	0.12	\$ \$ \$ \$ \$ \$	0.0001 0.0003 0.1164 0.0003 0.0919 0.0901
<u>Distribution (unbundled)</u>				
Res	\$	24.45	\$	0.0075
GS<50	\$	21.39	\$	0.0207
GS>50	\$	206.66	\$	4.1152
USL	\$	10.01	\$	0.0323
SL	\$	5.70	\$	15.3131
ST	\$	1.79	\$	7.0435

# (b) Establish Low Voltage Service Rate

Exhibit 2 of Whitby Hydro's application also included a proposal to establish LV service rates in a manner similar to the approach used to re-set retail transmission service rates (RTSRs) in the 2018 Rate Generator model. This would allow Whitby Hydro to establish appropriate LV service rates to permit cost recovery going forward. Both Parties agreed to a slight modification to the approach outlined in Whitby Hydro's application which is reflected in the response to OEB Staff IR#3(b). The resulting 2018 LV service rates are outlined below:

2018 Low Voltage Service Rates						
Rate Class	Allocation of Cost			LV Service Rate		
Rate Class	\$	%		LV Service Rate		
Residential	349,782	47.4%	\$	0.0010 kWh		
GS <50	77,119	10.5%	\$	0.0009 kWh		
GS >50	305,248	41.4%	\$	0.3181 kW		
USL	1,540	0.2%	\$	0.0009 kWh		
Sentinel Lighting	0	0.0%	\$	- kW		
Street Lighting	3,970	0.5%	\$	0.2459 kW		
	737,658	100.0%				

As part of the overall settlement herein, the Parties agree to Whitby Hydro's proposal to remove (unbundle) the LV cost recovery component from 2017 Base Distribution Rates in accordance with the methodology and calculations provided in Exhibit 2 of the Stand-Alone Application and establish appropriate LV service rates for 2018 in accordance with the methodology and calculations provided in response to OEB Staff IR#3(b).

The Parties agree that this approach results in:

- Better alignment of LV costs incurred by Whitby Hydro from Hydro One and rates to recover those costs from Whitby Hydro's customers, thereby reducing variances for future disposition;
- Improved transparency of rates for Whitby Hydro, its customers and stakeholders;
- Alignment with generally accepted industry practice for electricity distributors that incur LV costs from host distributors;
- Improved efficiencies (reduced effort required to manually track, analyze and process accounting entries to ensure LV cost recovery is appropriately separated out and recognized in LV revenue and regulatory deferral and variance account); and
- Improved alignment with IRM filing requirements, including:
  - Eliminating concerns that LV cost recovery was attached to the distribution rates and would follow the rate design transition of residential distribution rates to fully fixed rates; and
  - Allowing for a separation of LV cost recoveries from other annual adjustment mechanisms (net price cap) in the IRM rate model that were not intended to be applied to LV cost recoveries,

# **Approval:**

Parties in Support: Whitby Hydro, OEB Staff

Parties Opposed: None

Parties Taking No Position: None

# **Evidence:**

The evidence relied on for purposes of this settlement includes the following:

- Exhibit 2 of the Stand-Alone Application; and
- Responses to OEB Staff IR#3 and 4.
- Appendix A: Base Distribution Rates

# 4. Disposition of Certain Group 2 DVAs

*Group 2 DVA Balances:* The Parties agree that the following table accurately describes Whitby Hydro's principal and interest amounts for disposition.

Account Name	Account Number	Principal Balance (\$)	Interest Balance (\$) B	Total Claim (\$) C=A+B
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	191,705	15,455	207,160
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	6,824	666	7,490
Other Regulatory Assets - Sub-Account - OEB Cost Assessment	1508	37,830	420	38,250
Subtotal 1508		236,359	16,541	252,900
Retail Cost Variance Account - Retail	1518	527,673	32,896	560,569
Retail Cost Variance Account - STR	1548	40,632	1,737	42,369
				0
Totals for Group 2 accounts		804,664	51,174	855,838

The rate rider calculations are provided below.

Rate Class	Units	# of Customers	Allocated Group 2 Balance	Rate Rider for Group 2 Accounts
Residential	# of Customers	39,588	361,261	0.76 per customer per month
General Service <50	kWh	88,118,790	86,514	0.0010 \$/kWh
General Service > 50	kW	959,662	400,405	0.4172 \$/kW
Unmetered Scattered Load	kWh	1,759,728	1,728	0.0010 \$/kWh
Sentinel Light	kW	92	-	- \$/kW
Street Lighting	kW	16,143	5,930	0.3674 \$/kW
Total			855,838	

As part of the overall settlement herein, the Parties agree to Whitby Hydro's request for disposition of specific Group 2 DVA balances as of December 31, 2016, with forecasted interest through to December 31, 2017 as outlined in Exhibit 3 of the Stand-Alone Application. The Parties agree to a recovery of these balances over a one year period from January 1, 2018 to December 31, 2108. Specifically, the Parties also agree that annual costs identified in Account 1508 sub-account OEB Cost Assessment are reasonable for disposition as part of the Applications, and that going forward Whitby Hydro can accrue amounts in this sub-account from

year-to-year until the amounts exceed the materiality threshold for future disposition. The Parties agree that this approach ensures a more timely disposition of these DVAs than would otherwise occur if they were not addressed until the next COS. With the exception of Account 1508 sub-account OEB Cost Assessment, all of these accounts and sub-accounts include balances that have been accumulating since 2009.

# **Approval:**

Parties in Support: Whitby Hydro, OEB staff

Parties Opposed: None

Parties Taking No Position: None

### **Evidence**

The evidence relied on for purpose of this settlement includes the following:

- Exhibit 3 of the Stand-Alone Application;
- Responses to OEB Staff IR#5
- Excel File: 3a-Whitby\_2018\_DVA\_Continuity\_Schedule\_CoS\_20170905

# E. THE ANNUAL IR APPLICATION

Whitby Hydro's application filed on August 15, 2017 is based on the Annual IR Index option to set rates for 2018. A description of the Parties' agreement on each of the elements of the Annual IR Application is set out below. The Parties agree that the starting point for the Annual IR Application will be the adjusted Base Distribution Rates established based on the settlement of the Stand-Alone Application as described above.

# i. Price Cap Adjustment

The Parties agree to an 0.60% increase in Whitby Hyrdo's Base Distribution Rates, effective January 1, 2018.

The increase is based on a mechanistic rate adjustment using the OEB-approved *inflation minus X-factor* formula applicable to Annual Index IR applications and in accordance with the annually updated parameters set by the OEB. The components of the Annual Index IR adjustment formula applicable to Whitby Hydro are set out in the table below.

# **Annual Index IR Adjustment Formula**

	Amount	
Inflation Factor		1.20%
X-Factor	Productivity	0.00%
A-Factor	Stretch (0.00% – 0.60%)	0.60%

Inserting these components into the formula results in a 0.60% increase to Whitby Hydro's Base Distribution Rates: 0.60% = 1.20% - (0.00% + 0.60%). The adjustment applies to Base Distribution Rates (fixed and variable charges) uniformly across all customer classes. (The adjustment does not apply to the following rates and charges: rate riders, rate adders, low voltage service charges, retail transmission service rates, wholesale market service rate, rural or remote electricity rate protection charge, standard supply service – administrative charge, transformation and primary metering allowances, loss factors, specific service charges, microFIT charge, and retail service charges.) For Annual IR Index applications, such as Whitby Hydro's, the OEB applies a default stretch factor of 0.60%.

# Approval:

Parties in Support: Whitby Hydro, OEB Staff

Parties Opposed: None

Parties Taking No Position: None

# **Evidence:**

The evidence relied on for purpose of this settlement includes the following:

- The inflation factor and productivity factor are based on the <u>Report of the Board "Rate Setting Parameters and Benchmarking under the Renewed Regulatory Framework for Ontario's Electricity Distributors." EB-2010-0379, December 4, 2013.</u>
- The default stretch factor of 0.60% is based on the *Filing Requirements For Electricity Distribution Rate Applications -2017 Edition for 2018 Rate Applications Chapter 3*
- Excel file: Whitby\_2018 IRM Rate Generator Model\_20171215

# ii. Shared Tax Adjustments

The Parties acknowledge that, with regard to IRM applications, the OEB has long held that a 50/50 sharing of the impact of legislated tax changes between shareholders and ratepayers is appropriate. The shared tax change amount, whether in the form of a credit or a debit, is assigned to customer rate classes in the same proportions as the OEB-approved distribution revenue by rate class from a distributor's last COS proceeding.

The Annual IR Application identified a \$100,348 reduction in the amount of taxes payable by Whitby Hydro in the 2018 rate year. On this basis, the Parties agree that an amount of \$50,174 is to be refunded to rate payers and that this portion of the tax savings amount be recorded in Account 1595 for future disposition, when sufficient balances have accumulated. The Parties submit that this is consistent with prior IRM decisions for Whitby Hydro.

# **Approval:**

Parties in Support: Whitby Hydro, OEB Staff

Parties Opposed: None

Parties Taking No Position: None

# **Evidence:**

The evidence relied on for purposes of this settlement includes the following:

- Whitby Hydro's 2018 Annual IR Index Application
- Filing Requirements For Electricity Distribution Rate Applications -2017 Edition for 2018 Rate Applications, Chapter 3, Appendix B
- Excel File: Whitby\_2018 IRM Rate Generator Model\_20171215

# iii. Retail Transmission Service Rates

Whitby Hydro is transmission connected, partially embedded within Hydro One Networks Inc.'s distribution system. The Parties agree that Whitby Hydro's adjustment to its retail transmission service rates (RTSRs), as proposed in the Annual IR Application, is reasonable. The RTSRs were adjusted based on the current Uniform Transmission Rates (UTRs) and host-RTSRs (set out in the tables below).

# Hydro One Networks Inc. UTRs

Current Applicable UTRs (2017)	per kWh
Network Service Rate	\$3.52
Connection Service Rates	
Line Connection Service Rate	\$0.88
Transformation Connection Service Rate	\$2.13

# Hydro One Networks Inc. Sub-Transmission RTSRs

Current Applicable Sub-Transmission RTSRs (2017)	per kWh
Network Service Rate	\$3.19
Connection Service Rates	
Line Connection Service Rate	\$0.77
Transformation Connection Service Rate	\$1.75

The Parties further agree that differences resulting from the approval of any new 2018 UTRs or Sub-Transmission RTSRs will be captured in Accounts 1584 and 1586 for future disposition.

# **Approval:**

Parties in Support: Whitby Hydro, OEB Staff

Parties Opposed: None

Parties Taking No Position: None

# **Evidence:**

The evidence relied on for purpose of this settlement includes the following:

- Current applicable UTRs are based on the OEB's Decision and Order, EB-2017-0280, November 23, 2017
- Current applicable sub-transmission RTSRs are based on the OEB's Decision and Order, EB-2016-0081, December 21, 2016
- Whitby Hydro's 2018 Annual IR Index Application
- Excel File: Whitby\_2018 IRM Rate Generator Model\_20171215

# iv. GROUP 1 DEFERRAL AND VARIANCE ACCOUNTS

In each year of an IRM term, the OEB will review a distributor's Group 1 deferral and variance accounts in order to determine whether their balance should be disposed. The Parties have agreed to settle Group 1 deferal and variance account issues on the following basis.

*Pre-set Dispostion Analysis:* OEB policy requires that Group 1 accounts be disposed if they exceed (as a debit or credit) a pre-set disposition threshold of \$0.001 per kWh, unless a distributor justifies why balances should not be disposed. If the balance does not exceed the threshold, a distributor may elect to request disposition. The 2016 actual year-end total balance for Whitby Hydro's Group 1 accounts plus any identified adjustments and interest projected to December 31, 2017 is a credit of \$1,774,169. This amount represents a total credit claim of \$0.0020 per kWh, which exceeds the disposition threshold. The Parties agree that this credit amount be disposed over a one-year period.

Global Adjusment (GA) Account Balance: Included in the balance of the Group 1 accounts is the GA account debit balance of \$431,564. Whitby Hydro had Class A customers during the period from January 2015 to December 2016 so it applied to have the balance of this account disposed through separate kWh rate riders for non-RPP Class B customers in order to ensure proper allocation between Class A and Class B customers. These rate riders are also applicable to non-RPP customers who transitioned from Class B to Class A after December 31, 2016. The Parties agree that Whitby Hydro shall recover its GA variance account debit balance of \$431,564 as at December 31, 2016, plus any identified adjustments and interest to December 31, 2017, in accordance with the following table:

# **Recovery of GA Variance**

<b>Proposed Amounts</b>	Proposed Method for Recovery
\$431,564 recovered from customers who were Class B for the entire period from January 2015 to December 2016	per kWh rate rider

Capacity Based Recovery (CBR): The balance of the Group 1 accounts includes \$174,677 for the recovery of CBR charges for Class B customers related to the IESO's wholesale energy market Demand Response 3 program. The disposition of this sub-account is impacted by whether or not the distributor had any customers who were part of Class A during the period from January 2015 to December 2016.

Whitby Hydro had Class A customers during the period from January 2015 to December 2016 so it applied to have the balance of this account disposed through separate rate riders for Class B customers in order to ensure proper allocation between Class A and Class B customers. These rate riders are also applicable to customers who transitioned from Class B to Class A after December 31, 2016.

*Group 1 Deferral and Variance Account Balances:* The Parties agree that the following table accurately describes Whitby Hydro's principal and interest amounts for disposition.

Account Name	Account Number	Principal Balance (\$) A	Interest Balance (\$) B	Total Claim (\$) C=A+B
LV Variance Account	1550	979,715	20,352	1,000,067
Smart Meter Entity Variance Charge	1551	13,799	154	13,953
RSVA - Wholesale Market Service Charge	1580	(2,686,018)	(63,450)	(2,749,468)
Variance WMS - Sub- account CBR Class B	1580	168,263	6,414	174,677
RSVA - Retail Transmission Network Charge	1584	(549,528)	(12,453)	(561,981)
RSVA - Retail Transmission Connection Charge	1586	140,671	1,656	142,327
RSVA - Power	1588	(181,636)	803	(180,833)
RSVA - Global Adjustment	1589	411,200	20,364	431,564
Disposition and Recovery of Regulatory Balances (2014)	1595	97,400	(40,055)	57,344
Disposition and Recovery of Regulatory Balances (2015)	1595	(100,348)	(1,472)	(101,820)
Totals for all Group 1 a	accounts	(1,706,481)	(67,687)	(1,774,169)

The balance of each of the Group 1 accounts will be transferred to the applicable principal and interest carrying charge sub-accounts of Account 1595. Such transfer will be pursuant to the requirements specified in Article 220, Account Descriptions, of the *Accounting Procedures Handbook for Electricity Distributors*. The date of the transfer must be the same as the effective date for the associated rates, which is, generally, the start of the rate year. Whitby Hydro will ensure these adjustments are included in the reporting period ending March 31, 2018 (Quarter 1).

Filed: December 15, 2017 Whitby Hydro Electric Corporation Settlement Proposal EB-2017-0085 / EB-2017-0292

Finally, Whitby Hydro will dispose these amounts through rate riders as calculated in the Rate Generator Model. The rate riders will be in effect over a one-year period from January 1, 2018 to December 31, 2018.

## **Approval:**

Parties in Support: Whitby Hydro, OEB Staff

Parties Opposed: None

Parties Taking No Position: None

## **Evidence:**

The evidence relied on for purposes of this settlement includes the following:

- Whitby\_2018 IRM Rate Generator ModelTab 6.1 GA, , Tab 6.2 CBR B, and Tab 7 Calculation of Def-Var RR
- Whitby Hydro's 2018 Annual IR Index Application

## v. Residential Rate Design

All residential distribution rates currently include a fixed monthly charge and a variable usage charge. The OEB's residential rate design policy stipulates that distributors will transition residential customers to a fully fixed monthly distribution service charge over a four-year period, beginning in 2016. The OEB requires that distributors filing IRM applications affecting 2018 rates continue with this transition by once again adjusting their distribution rates to increase the fixed monthly service charge and decrease the variable charge consistent with the policy.

The OEB expects an applicant to apply two tests to evaluate whether mitigation of bill impacts for customers is required during the transition period. Mitigation usually takes the form of a lengthening of the transition period. The first test is to calculate the change in the monthly fixed charge, and to consider mitigation if it exceeds \$4. The second is to calculate the total bill impact of the proposals in the application for low volume residential customers (defined as those residential RPP customers whose consumption is at the 10<sup>th</sup> percentile for the class). Mitigation may be required if the bill impact related to the application exceeds 10% for these customers.

Whitby Hydro's implementation of the transition results in an increase to the fixed charge prior to the price cap adjustment of \$2.97. The bill impacts arising from the proposals in this application, including the fixed rate change, are below 10% for low volume residential customers. The Parties agree that the proposed 2018 increase to the monthly fixed charge is calculated (in the Final Rate Generator Model) in accordance with the OEB's residential rate design policy. The results of the monthly fixed charge, and total bill impact for low consumption residential consumers show that no mitigation is required.

## **Approval:**

Parties in Support: Whitby Hydro, OEB Staff

Parties Opposed: None

Parties Taking No Position: None

## **Evidence:**

The evidence relied on for purposes of this settlement includes the following:

• Excel file: Whitby\_2018 IRM Rate Generator Model\_20171215, Tab 16

• Whitby Hydro's 2018 Annual IR Index Application

Appendix B: Bill Impact

• Excel File: Whitby\_2018 Bill Impacts\_20171215

## vi. Rate Generator Model

This Settlement Proposal is accompanied by a Rate Generator Model, applicable supporting models, and a Tariff of Rates and Charges (Appendix C). Model entries were reviewed and agreed to by the Parties in order to ensure that they are in accordance with Whitby Hydro's's last COS decision, and to ensure that the 2017 OEB-approved Tariff of Rates and Charges, as well as the cost, revenue and consumption results from 2016, are as reported by Whitby Hydro to the OEB. The Rate Generator Model was adjusted, where applicable, to reflect any changes as outlined in the settlement agreement.

The Rate Generator Model incorporates the rates set out in the following table.

## **Regulatory Charges**

Rate	per kWh
Rural or Remote Electricity Rate Protection (RRRP)	\$0.0003
Wholesale Market Service (WMS) billed to Class A and B Customers	\$0.0032
Capacity Based Recovery (CBR) billed to Class B Customers	\$0.0004

Filed: December 15, 2017 Whitby Hydro Electric Corporation Settlement Proposal EB-2017-0085 / EB-2017-0292

Each of these rates is a component of the "Regulatory Charge" on a customer's bill, established annually by the OEB through a separate, generic order. The RRRP rate was set by the OEB on June 22, 2017. The WMS and CBR rates were set by the OEB on December 15, 2016.

## **Approval:**

Parties in Support: Whitby Hydro, OEB Staff

Parties Opposed: None

Parties Taking No Position: None

## **Evidence:**

The evidence relied on for purpose of this settlement includes the following:

- The RRRP rate was set by the OEB in Decision and Order EB-2017-0234, issued June 22, 2017
- The WMS and CBR rates were set by the OEB in Decision and Order EB-2016-0362, issued December 15, 2016
- Whitby Hydro's 2018 Annual IR Index Application
- Appendix A: Base Distribution Rates
- Appendix B: Bill Impacts
- Excel File: Whitby\_2018 Bill Impacts\_20171215
- Appendix C: 2018 Proposed Tariff of Rates and Charges
- Excel file: Whitby\_2018 IRM Rate Generator Model\_20171215

# APPENDIX A: BASE DISTRIBUTION RATES

				Δ	s Propose	d				Settlement	
			2017 Bas		stribution		tes (1) (2)		2017 Ba	Distributio	ates (1)
					9/5/2017		(, (,			12/13/2017	
		S	Monthly Service Charge	pei	kWh/kW		SMIRR	5	Monthly Service Charge	r kWh/kW	SMIRR
Residential	2017 Approved Distribution Rates	\$	24.57	\$	0.0076	\$	2.20	\$	24.57	\$ 0.0076	\$ 2.20
	Remove Stranded Meter (Revenue Requirement)	\$	(0.43)	\$	-			\$	(0.43)	\$ -	
	Add SMIRR	\$	2.20	\$	-	\$	(2.20)	\$	2.02	\$ -	\$ (2.20)
	Adjust SMIRR - net price cap	\$	0.14	\$	-			\$	-	\$ -	
	Remove Low Voltage	\$	(0.12)	\$	(0.0001)			\$	(0.12)	\$ (0.0001)	
	Net Adjustment	\$	1.79	\$	(0.0001)	\$	(2.20)	\$	1.47	\$ (0.0001)	\$ (2.20)
	2017 Base Distribution Rate (Dec 31, 2017)	\$	26.36	\$	0.0075	\$	-	\$	26.04	\$ 0.0075	\$ -
	Difference (Settlement vs Proposed)							\$	(0.32)	\$ -	\$ -
GS < 50 kW	2017 Approved Distribution Rates	\$	21.39	\$	0.0210	\$	7.11	\$	21.39	\$ 0.0210	\$ 7.11
	Remove Stranded Meter (Revenue Requirement)	\$	(0.69)	\$	(0.0007)			\$	(0.69)	\$ (0.0007)	
	Add SMIRR	\$	7.11	\$	-	\$	(7.11)	\$	6.01	\$ -	\$ (7.11)
	Adjust SMIRR - net price cap	\$	0.44	\$	-			\$	-	\$ -	
	Remove Low Voltage	\$	-	\$	(0.0003)			\$	-	\$ (0.0003)	
	Net Adjustment	\$	6.86	\$	(0.0010)	\$	(7.11)	\$	5.32	\$ (0.0010)	\$ (7.11)
	2017 Base Distribution Rate (Dec 31, 2017)	\$	28.25	\$	0.0200	\$	-	\$	26.71	\$ 0.0200	\$ -
	Difference (Settlement vs Proposed)							\$	(1.54)	\$ -	\$ -
GS > 50 kW	2017 Approved Distribution Rates	\$	206.66	\$	4.2316			\$	206.66	\$ 4.2316	
	Remove Low Voltage	\$	-	\$	(0.1164)			\$	-	\$ (0.1164)	
	Net Adjustment	\$	-	\$	(0.1164)			\$	-	\$ (0.1164)	
	2017 Base Distribution Rate (Dec 31, 2017)	\$	206.66	\$	4.1152			\$	206.66	\$ 4.1152	
	Difference (Settlement vs Proposed)			·				\$	-	\$ -	
Unmetered	2017 Approved Distribution Rates	\$	10.01	\$	0.0326			\$	10.01	\$ 0.0326	
Scattered	Remove Low Voltage	\$	-	\$	(0.0003)			\$	-	\$ (0.0003)	
Load (USL)	Net Adjustment	\$	-	\$	(0.0003)			\$	-	\$ (0.0003)	
` ,	2017 Base Distribution Rate (Dec 31, 2017)	\$	10.01	\$	0.0323			\$	10.01	\$ 0.0323	
	Difference (Settlement vs Proposed)							\$	-	\$ -	
Sentinel	2017 Approved Distribution Rates	\$	5.70	\$	15.4050			\$	5.70	\$ 15.4050	
Lighting	Remove Low Voltage	\$	-	\$	(0.0919)			\$	-	\$ (0.0919)	
	Net Adjustment	\$	-	\$	(0.0919)			\$	-	\$ (0.0919)	
	2017 Base Distribution Rate (Dec 31, 2017)	\$	5.70	\$	15.3131			\$	5.70	\$ 15.3131	
	Difference (Settlement vs Proposed)							\$	-	\$ -	
Street	2017 Approved Distribution Rates	\$	1.79	\$	7.1336			\$	1.79	\$ 7.1336	
Lighting	Remove Low Voltage	\$	-	\$	(0.0901)			\$	-	\$ (0.0901)	
	Net Adjustment	\$	-	\$	(0.0901)			\$	-	\$ (0.0901)	
	2017 Base Distribution Rate (Dec 31, 2017)	\$	1.79	\$	7.0435			\$	1.79	\$ 7.0435	
	Difference (Settlement vs Proposed)							\$	-	\$ -	

<sup>1) 2017</sup> Base Distribution Rates - for the purpose of settlement, it is agreed that 2017 approved distribution rates will be adjusted for stranded meter revenue requirement, SMIRR and low voltage as at December 31, 2017. The 2017 Base Distribution Rates will then be used to apply mechanistic adjustments as per the 2018 IRM Rate Generator Model. Impacts of the disposition of Stranded Meter net book value (Account 1555) balance and Other Group 2 balances (Accounts 1518, 1548, 1508) are not included in this chart.

<sup>2)</sup> Proposed - reflects Whitby Hydro's Stand Alone application (Exhibit 1 and 2) methodology as it applies to 2017 distribution revenue/rates.

# APPENDIX B: CUSTOMER BILL IMPACTS

## 2018 Bill Impact Summary (2018 Stand-Alone & Annual IR Index Applications

			RPP Price			Charges-A hrough (3a)	a) incl. pass-through (3b)			D	elivery Cl	narges (4)	· · · · · · · · · · · · · · · · · · ·				
<b>Customer Class</b>	kWh (1)	kW	(2)	\$ (	Change	% Change	\$	Change	% Change	\$	Change	% Change	\$	Change	% Change		
Residential	750		RPP TOU	\$	0.78	2.43%	\$	0.34	0.95%	\$	0.49	1.06%	\$	0.52	0.44%		
Residential - 10th percentile	396		RPP TOU	\$	2.37	8.19%	\$	2.49	8.00%	\$	2.58	6.97%	\$	2.71	3.61%		
GS<50 kW	2,000		RPP TOU	\$	2.19	3.18%	\$	0.79	1.02%	\$	1.21	1.16%	\$	1.27	0.42%		
GS>50 kW	40,000	100	Non-RPP	\$	28.88	4.87%	\$	48.07	6.06%	\$	56.02	4.33%	\$	63.30	0.91%		
Unmetered Scattered Load	500		RPP Tier	\$	0.76	2.97%	\$	0.26	0.95%	\$	0.36	1.07%	\$	0.38	0.47%		
Sentinel Lights	150	1	RPP Tier	\$	0.03	0.14%	\$	(0.94)	-4.33%	\$	(0.87)	-3.42%	\$	(0.92)	-2.24%		
Street Lighting	420,000	1,074	Non-RPP	\$	182.15	0.63%	\$	311.01	1.00%	\$	378.35	1.08%	\$	427.53	0.43%		

## Notes:

- (1) The residential standard used for illustrative purposes is 750 kWh per EB-2016-0153
- (2) RPP Pricing for July 1, 2017 to April 30, 2018

  Non-RPP assumes a weighted average price including Class B Global Adjustment (IESO's Monthly Market Report for May 2017, pg 22)

  RPP TOU assumes average consumption of Off-peak (65%), Mid-peak (17%) and On-peak (18%) per OEB.
- (3a) Distribution Charges-A includes Distribution Monthly Service Charge, Volumetric Charges and disposition of 1576
- (3b) Distribution Charges-B include those described in note 3(a) plus pass-through charges such as Rate Riders for Deferral/Variance Recovery and Global Adjustment, as well as Line Losses, and the Smart Meter Entity Charge
- (4) Delivery Charges include all Distribution Charges (per notes 3a and 3b), plus Transmission Service Charges
- (5) Total Bill includes all Delivery Charges noted above plus commodity cost, regulatory costs (ie. wholesale market service, rural rate protection and standard supply service), debt retirement charge (DRC) where applicable and HST and the 8% Ontario Rebate for Electricity Consumers
- \* Weighted average price including Class B Global Adjustment through end of May 2017 (IESO's Monthly Market Report for May 2017, page 22)

Consumption		<b>750</b>	kWh	Current Los							acto	r	1.045
		Curr	ent Board-Ap	prov	/ed			Proposed				lm	oact
RESIDENTIAL (RPP TOU)		Rate	Volume	•	Charge		Rate	Volume		Charge			
· ·		(\$)			(\$)		(\$)			(\$)		hange	% Change
Monthly Service Charge	\$	24.57	1	\$	24.57	\$	29.18	1	\$	29.18	\$	4.61	18.76%
Fixed Rate Riders (SMIRR)	\$	2.20	1	\$	2.20			1	\$	-	-\$	2.20	
Distribution Volumetric Rate	\$	0.0076	750	\$	5.70	\$	0.0038	750	\$	2.85	-\$	2.85	-50.00%
Stranded Meter Disposition Rate Rider				\$	-	\$	0.6000	1	\$	0.60	\$	0.60	#DIV/0!
Fixed Rate Adder (1576)	-\$	1.14	1	-\$	1.14	\$	-	1	\$	-	\$	1.14	
Volumetric Rate Riders (LRAM)	\$	0.0007	750	\$	0.53	\$	-	750	\$	-	-\$	0.53	
Sub-Total A (excluding pass through)				\$	31.86				\$	32.63	\$	0.78	2.43%
Line Losses on Cost of Power	\$	0.0822	34	\$	2.80	\$	0.0822	34	\$	2.80	\$	-	0.00%
Low Voltage Rate				\$	-	\$	0.0010	750	\$	0.75	\$	0.75	#DIV/0!
Group 2 Deferral/Variance Account Rate Rider				\$	-	\$	0.76	1	\$	0.76	\$	0.76	#DIV/0!
Total Deferral/Variance Account Rate Riders				\$	-	-\$	0.0028	750	-\$	2.10	-\$	2.10	#DIV/0!
CBR Class B-Rate Rider				\$	-	\$	0.0002	750	\$	0.15	\$	0.15	#DIV/0!
Smart Meter Entity Charge	\$	0.79	1	\$	0.79	\$	0.79	1	\$	0.79	\$	-	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				\$	35.44				\$	35.78	\$	0.34	0.95%
RTSR - Network	\$	0.0077	784	\$	6.04	\$	0.0075	784	\$	5.88	-\$	0.16	-2.60%
RTSR - Connection and/or Line and Transformation	\$	0.0063	784	\$	4.94	\$	0.0067	784	\$	5.25	\$	0.31	6.35%
Connection Sub-Total C - Delivery (including Sub-Total B)	*			\$	46.42	_			\$	46.91	\$		1.06%
Wholesale Market Service Charge (WMSC)	\$	0.0000	70.4	\$		Φ.	0.0000	70.4				0.49	
Capacity Based Recovery (CBR)		0.0032 0.0004	784 784	\$	2.51 0.31	\$ \$	0.0032 0.0004	784 784	\$ \$	2.51 0.31	\$ \$		0.00% 0.00%
Rural and Remote Rate Protection (RRRP)	\$							784 784	\$		*	-	
Standard Supply Service Charge	\$ \$	0.0003 0.25	784 1	\$ \$	0.24 0.25	\$	0.0003 0.25	1	\$	0.24 0.25	\$ \$		0.00% 0.00%
Sub-Total Regulatory	Ф	0.25		\$ \$	3.31	\$	0.25	1	\$	3.31	\$	-	0.00%
Debt Retirement Charge (DRC)	•		750		3.31	•		750		3.31		-	0.00%
TOU - Off Peak	\$	0.0050	750	\$	04.00	\$	0.0050	750	\$	04.00	\$	-	0.000/
	\$	0.0650	488	\$	31.69	\$	0.0650	488	\$	31.69	\$	-	0.00%
TOU - Mid Peak	\$	0.0950	128	\$	12.11	\$	0.0950	128	\$	12.11	\$	-	0.00%
TOU - On Peak	\$	0.1320	135	\$	17.82	\$	0.1320	135	\$	17.82	\$		0.00%
Sub-Total Energy				\$	61.62				\$	61.62	\$	-	0.00%
Total Bill on TOU (before Taxes)				\$	111.35				\$	111.84	\$	0.49	0.44%
нѕт		13%		\$	14.48		13%		\$	14.54	\$	0.06	0.44%
Ontario Rebate for Electricity Consumers		-8%		-\$	8.91		-8%		-\$	8.95	-\$	0.04	0.44%
Total Bill on TOU				\$	116.91				\$	117.43	\$	0.52	0.44%

Summary of Proposed Distribution Rates	Current E	oard-Approv	ed		Proposed		Impact			
Monthly Service Charge (A)	\$ 26.77	\$	26.77	\$ 29.18	\$	29.18				
Distribution Volumetric (B)	\$ 0.0076	\$	5.70	\$ 0.0038	\$	2.85				
		\$	32.47		\$	32.03	-\$	0.44	-1.36%	

Consumption		396	kWh	1				Cui	rrent Loss F	acto	r	1.0454
,		Curr	ent Board-Ap	pro	ved		Propose					pact
RESIDENTIAL (RPP TOU) 10th		Rate	Volume		Charge	Rate	Volume		Charge			
Percentile		(\$)			(\$)	(\$)			(\$)	\$ C	hange	% Change
Monthly Service Charge	\$	24.57	1	\$	24.57	\$ 29.18	1	\$	29.18	\$	4.61	18.76%
Fixed Rate Riders (SMIRR)	\$	2.20	1	\$	2.20	\$ -	1	\$	-	-\$	2.20	
Distribution Volumetric Rate	\$	0.0076	396	\$	3.01	\$ 0.0038	396	\$	1.50	-\$	1.50	-50.00%
Stranded Meter Disposition Rate Rider				\$	-	\$ 0.6000	1	\$	0.60	\$	0.60	#DIV/0!
Fixed Rate Adder (1576)	-\$	1.14	1	-\$	1.14	\$ -	1	\$	=	\$	1.14	
Volumetric Rate Riders (LRAM)	\$	0.0007	396	\$	0.28	\$ -	396	\$	-	-\$	0.28	
Sub-Total A (excluding pass through)				\$	28.92			\$	31.28	\$	2.37	8.19%
Line Losses on Cost of Power	\$	0.0822	18	\$	1.48	\$ 0.0822	18	\$	1.48	\$	-	0.00%
Low Voltage Rate				\$	-	\$ 0.0010	396	\$	0.40	\$	0.40	#DIV/0!
Group 2 Deferral/Variance Account Rate Rider				\$	-	\$ 0.7600	1	\$	0.76	\$	0.76	#DIV/0!
Total Deferral/Variance Account Rate Riders				\$	-	-\$ 0.0028	396	-\$	1.11	-\$	1.11	#DIV/0!
CBR Class B-Rate Rider				\$	-	\$ 0.0002	396	\$	0.08	\$	0.08	#DIV/0!
Smart Meter Entity Charge	\$	0.79	1	\$	0.79	\$ 0.79	1	\$	0.79	\$	-	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				\$	31.18			\$	33.68	\$	2.49	8.00%
RTSR - Network	\$	0.0077	414	\$	3.19	\$ 0.0075	414	\$	3.10	-\$	80.0	-2.60%
RTSR - Connection and/or Line and Transformation	\$	0.0063	414	\$	2.61	\$ 0.0067	414	\$	2.77	\$	0.17	6.35%
Connection Sub-Total C - Delivery (including Sub-Total B)				\$	36.98			\$	39.56	\$	2.58	6.97%
Wholesale Market Service Charge (WMSC)	\$	0.0032	414	\$	1.32	\$ 0.0032	414	\$	1.32	\$	-	0.00%
Capacity Based Recovery (CBR)	\$	0.0032	414	\$	0.17	\$ 0.0032	414	\$	0.17	\$	_	0.00%
Rural and Remote Rate Protection (RRRP)	\$	0.0004	414	\$	0.17	\$ 0.0004	414	\$	0.17	\$	_	0.00%
Standard Supply Service Charge	\$	0.0003	1	\$	0.12	\$ 0.0005	1	\$	0.12	\$	_	0.00%
Sub-Total Regulatory	Ψ	0.23	<u> </u>	\$	1.86	Ψ 0.23	ı	\$	1.86	\$	-	0.00%
Debt Retirement Charge (DRC)	\$	-	396	\$	-	\$ -	396	\$	-	\$	-	0.0070
TOU - Off Peak	\$	0.0650	257	\$	16.73	\$ 0.0650	257	\$	16.73	\$	-	0.00%
TOU - Mid Peak	\$	0.0950	67	\$	6.40	\$ 0.0950	67	\$	6.40	\$	_	0.00%
TOU - On Peak	\$	0.1320	71	\$	9.41	\$ 0.1320	71	\$	9.41	\$	_	0.00%
Sub-Total Energy	Ť			\$	32.54			\$	32.54	\$	-	0.00%
T (   D''    TOU (   (   T   ) )					=4.60				=0.55		0.56	0.040/
Total Bill on TOU (before Taxes)				\$	71.38			\$	73.96	\$	2.58	3.61%
HST		13%		\$	9.28	13%		\$	9.61	\$	0.34	3.61%
Ontario Rebate for Electricity Consumers		-8%		-\$	5.71	-8%		-\$	5.92	-\$	0.21	3.61%
Total Bill on TOU				\$	74.95			\$	77.65	\$	2.71	3.61%

Summary of Proposed Distribution Rates	Current	<b>Board-Approved</b>			Proposed		Impac	t
Monthly Service Charge (A)	\$ 26.77	\$	26.77	\$ 29.18	\$	29.18		
Distribution Volumetric (B)	\$ 0.0076	\$	3.01	\$ 0.0038	\$	1.50		
		\$	29.78		\$	30.68	\$ 0.91	3.04%

Consumption		2,000	kWh						Cu	rrent Loss F	acto	or	1.0454
		Curr	ent Board-Ap	prov	/ed			Proposed	ĺ			lm	pact
GS<50 kW (RPP TOU)		Rate	Volume	(	Charge		Rate	Volume		Charge			
, ,	4	(\$)			(\$)		(\$)			(\$)		Change	% Change
Monthly Service Charge	\$	21.39	1	\$	21.39	\$	26.87	1	\$	26.87	\$	5.48	25.62%
Fixed Rate Riders (SMIRR)	\$	7.11	1	\$	7.11	\$	-	1	\$	-	-\$	7.11	
Distribution Volumetric Rate	\$	0.0210	2,000	\$	42.00	\$	0.0201	2,000	\$	40.20	-\$	1.80	-4.29%
Stranded Meter Disposition Rate Rider				\$	-	\$	4.0200	1	\$	4.02	\$	4.02	#DIV/0!
Volumetric Rate Adder (1576)	-\$	0.0015	2,000	-\$	3.00	\$	-	2,000	\$	-	\$	3.00	
Volumetric Rate Riders (LRAM )	\$	0.0007	2,000	\$	1.40	\$	-	2,000	\$	-	-\$	1.40	
Sub-Total A (excluding pass through)				\$	68.90				\$	71.09	\$	2.19	3.18%
Line Losses on Cost of Power	\$	0.0822	91	\$	7.46	\$	0.0822	91	\$	7.46	\$	-	0.00%
Low Voltage Rate				\$	-	\$	0.0009	2,000	\$	1.80	\$	1.80	#DIV/0!
Group 2 Deferral/Variance Account Rate Rider				\$	-	\$	0.0010	2,000	\$	2.00	\$	2.00	#DIV/0!
Total Deferral/Variance Account Rate Riders				\$	-	-\$	0.0028	2,000	-\$	5.60	-\$	5.60	#DIV/0!
CBR Class B-Rate Rider				\$	-	\$	0.0002	2,000	\$	0.40	\$	0.40	#DIV/0!
Smart Meter Entity Charge	\$	0.79	1	\$	0.79	\$	0.79	1	\$	0.79	\$	-	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				\$	77.15				\$	77.94	\$	0.79	1.02%
RTSR - Network	\$	0.0070	2,091	\$	14.64	\$	0.0068	2,091	\$	14.22	-\$	0.42	-2.86%
RTSR - Connection and/or Line and Transformation Connection	\$	0.0058	2,091	\$	12.13	\$	0.0062	2,091	\$	12.96	\$	0.84	6.90%
Sub-Total C - Delivery (including Sub-Total B)				\$	103.91				\$	105.12	\$	1.21	1.16%
Wholesale Market Service Charge (WMSC)	\$	0.0032	2,091	\$	6.69	\$	0.0032	2,091	\$	6.69	\$	-	0.00%
Capacity Based Recovery (CBR)	\$	0.0004	2,091	\$	0.84	\$	0.0004	2,091	\$	0.84	\$	-	0.00%
Rural and Remote Rate Protection (RRRP)	\$	0.0003	2,091	\$	0.63	\$	0.0003	2,091	\$	0.63	\$	-	0.00%
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
Sub-Total Regulatory				\$	8.40				\$	8.40	\$	-	0.00%
Debt Retirement Charge (DRC)	\$	0.0070	2,000	\$	14.00	\$	0.0070	2,000	\$	14.00	\$	-	0.00%
TOU - Off Peak	\$	0.0650	1,300	\$	84.50	\$	0.0650	1,300	\$	84.50	\$	-	0.00%
TOU - Mid Peak	\$	0.0950	340	\$	32.30	\$	0.0950	340	\$	32.30	\$	-	0.00%
TOU - On Peak	\$	0.1320	360	\$	47.52	\$	0.1320	360	\$	47.52	\$	-	0.00%
Sub-Total Energy				\$	164.32				\$	164.32	\$	-	0.00%
Total Bill on TOU (before Taxes)				\$	290.64				\$	291.84	\$	1.21	0.42%
HST		13%		\$	37.78		13%		\$	37.94	\$	0.16	0.42%
Ontario Rebate for Electricity Consumers		-8%		-\$	23.25		-8%		-\$	23.35	-\$	0.10	0.42%
Total Bill on TOU				\$	305.17				\$	306.44	\$	1.27	0.42%

Summary of Proposed Distribution Rates	Current B	Board-Approve	d		Proposed			Impad	:t
Monthly Service Charge (A)	\$ 28.50	\$	28.50	\$ 26.87	\$	26.87			
Distribution Volumetric (B)	\$ 0.0210	\$	42.00	\$ 0.0201	\$	40.20			
		\$	70.50		\$	67.07	-\$	3.43	-4.87%

Consumption	4	0,000	kWh		100		kW		Cu	rrent Loss F	act	or	1.0454
		Curre	ent Board-Ap	pro	ved			Proposed				lm	oact
<b>GENERAL SERVICE 50 to 4,999 KW</b>	ı	Rate	Volume		Charge		Rate	Volume		Charge			
(Non-RPP)		(\$)			(\$)		(\$)			(\$)	<b>S</b>	Change	% Change
A Monthly Service Charge	\$	206.66	1	\$	206.66	\$	207.90	1	\$	207.90	\$		0.60%
B Distribution Volumetric Rate		4.2316	100	\$	423.16		4.1399	100	\$	413.99	-\$		-2.17%
Volumetric Rate Adder (1576)	-\$	0.6365	100	-\$	63.65		-	100	\$	-	\$	63.65	
Volumetric Rate Riders (LRAM )	\$	0.2684	100	\$	26.84	\$	-	100	\$	-	-\$	26.84	
Sub-Total A (excluding pass through)				\$	593.01				\$	621.89	\$	28.88	4.87%
Line Losses on Cost of Power	\$	0.1101	1,816	\$	199.94	\$	0.1101	1,816	\$	199.94	\$	-	0.00%
Low Voltage Rate				\$	-	\$	0.3181	100	\$	31.81	\$	31.81	#DIV/0!
Group 2 Deferral/Variance Account Rate Rider				\$	-	\$	0.4172	100	\$	41.72	\$	41.72	#DIV/0!
Total Deferral/Variance Account Rate Riders (kw)				\$	-	-\$	1.1500	100	-\$	115.00	-\$	115.00	#DIV/0!
CBR Class B-Rate Rider				\$	-	\$	0.0866	100	\$	8.66	\$	8.66	#DIV/0!
Total Deferral/Variance Account Rate Rider GA (kwh)	\$	-	40,000	\$	-	\$	0.0013	40,000	\$	52.00	\$	52.00	#DIV/0!
Sub-Total B - Distribution (includes Sub-Total A)				\$	792.95				\$	841.02	\$	48.07	6.06%
RTSR - Network	\$	2.7996	100	\$	279.96	\$	2.7300	100	\$	273.00	-\$	6.96	-2.49%
RTSR - Connection and/or Line and Transformation	\$	2.2037	100	\$	220.37	\$	2.3528	100	\$	235.28	\$	14.91	6.77%
Connection Sub-Total C - Delivery (including Sub-Total B)	T .			\$	1,293.28	_			\$	1,349.30	\$		4.33%
Wholesale Market Service Charge (WMSC)	\$	0.0032	41,816	\$	133.81	\$	0.0032	41,816	\$	133.81	\$		0.00%
Capacity Based Recovery (CBR)		0.0032	41,816	\$	16.73		0.0032	41,816	\$	16.73	Φ   \$		0.00%
Rural and Remote Rate Protection (RRRP)		0.0004	41,816	\$	12.54	\$	0.0004	41,816	\$	12.54	φ   \$	-	0.00%
Standard Supply Service Charge	\$	0.0003	41,010	\$	0.25	\$	0.0003	41,010	\$	0.25	φ   \$		0.00%
Sub-Total Regulatory	Ψ	0.23		\$	163.33	Ψ	0.25	'	\$	163.33	\$		0.00%
Debt Retirement Charge (DRC)	\$	0.0070	40,000	\$	280.00	\$	0.0070	40,000	\$	280.00	\$		0.00%
Commodity including Global Adjustment*		0.1101	40,000	\$	4,404.00	\$	0.1101	40,000	\$	4,404.00	\$		0.00%
Sub-Total Energy			,	\$	4,404.00			,	\$	4,404.00	\$	-	0.00%
Total Bill on Spot (before Taxes)				\$	6,140.61				\$	6,196.63	\$		0.91%
HST		13%		\$	798.28		13%		\$	805.56	\$	7.28	0.91%
Ontario Rebate for Electricity Consumers		0%		\$	-		0%		\$	-	\$	-	
Total Bill on Spot				\$	6,938.89				\$	7,002.20	\$	63.30	0.91%

<sup>\*</sup> Weighted average price including Class B Global Adjustment through end of May 2017 (IESO's Monthly Market Report for May 2017, page 22)

Summary of Proposed Distribution Rates	Current Board-Approved				Propo			Impad	t	
Monthly Service Charge (A)	\$ 206.66	\$	206.66	\$	207.90	\$	207.90			
Distribution Volumetric (B)	\$ 4.2316	\$	423.16	\$	4.1399	\$	413.99			
	_	\$	629.82		·	\$	621.89	-\$	7.93	-1.26%

Consumption	500	kWh						Curi	rent Loss F	acto	or	1.0454
RPP Tier One	750	kWh						Pro	posed Loss	Fac	ctor	1.0454
		ent Board-Ap					Proposed				lm	oact
UNMETERED SCATTERED LOAD	Rate	Volume	(	Charge		Rate	Volume	(	Charge			
(RPP TIER)	(\$)			(\$)		(\$)			(\$)	\$ 0	Change	% Change
Monthly Service Charge	\$ 10.01	1	\$	10.01	\$	10.07	1	\$	10.07	\$	0.06	0.60%
Distribution Volumetric Rate	\$ 0.0326	500	\$	16.30	\$	0.0325	500	\$	16.25	-\$	0.05	-0.31%
Volumetric Rate Adder (1576)	-\$ 0.0015	500	-\$	0.75	\$	-	500	\$	-	\$	0.75	
Sub-Total A (excluding pass through)			\$	25.56				\$	26.32	\$	0.76	2.97%
Line Losses on Cost of Power	\$ 0.0770	23	\$	1.75	\$	0.0770	23	\$	1.75	\$	-	0.00%
Low Voltage Rate			\$	-	\$	0.0009	500	\$	0.45	\$	0.45	#DIV/0!
Group 2 Deferral/Variance Account Rate Rider			\$	-	\$	0.0010	500	\$	0.50	\$	0.50	#DIV/0!
Total Deferral/Variance Account Rate Riders			\$	-	-\$	0.0031	500	-\$	1.55	-\$	1.55	#DIV/0!
CBR Class B-Rate Rider			\$	-	\$	0.0002	500	\$	0.10	\$	0.10	#DIV/0!
Sub-Total B - Distribution (includes Sub-Total A)			\$	27.31				\$	27.57	\$	0.26	0.95%
RTSR - Network	\$ 0.0070	523	\$	3.66	\$	0.0068	523	\$	3.55	-\$	0.10	-2.86%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0058	523	\$	3.03	\$	0.0062	523	\$	3.24	\$	0.21	6.90%
Sub-Total C - Delivery (including Sub-Total B)			\$	34.00				\$	34.36	\$	0.36	1.07%
Wholesale Market Service Charge (WMSC)	\$ 0.0032	523	\$	1.67	\$	0.0032	523	\$	1.67	\$	-	0.00%
Capacity Based Recovery (CBR)	\$ 0.0004	523	\$	0.21	\$	0.0004	523	\$	0.21	\$	-	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	523	\$	0.16	\$	0.0003	523	\$	0.16	\$	-	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
Sub-Total Regulatory			\$	2.29				\$	2.29	\$	-	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	500	\$	3.50	\$	0.0070	500	\$	3.50	\$	-	0.00%
RPP Tier 1	\$ 0.0770	500	\$	38.50	\$	0.0770	500	\$	38.50	\$	-	0.00%
RPP Tier 2	\$ 0.0900	-	\$	-	\$	0.0900	-	\$	-	\$	-	
Sub-Total Energy			\$	38.50				\$	38.50	\$	-	0.00%
Total Bill on Tiered (before Taxes)			\$	78.29				\$	78.65	\$	0.36	0.47%
нѕт	13%		\$	10.18		13%		\$	10.22	\$	0.05	0.47%
Ontario Rebate for Electricity Consumers	-8%		-\$	6.26		-8%		-\$	6.29	-\$	0.03	0.47%
Total Bill on Tiered			\$	82.20				\$	82.58	\$	0.38	0.47%

Summary of Proposed Distribution Rates	Current	Board-Approve	ed		Proposed		Impad	:t
Monthly Service Charge (A)	\$ 10.01	\$	10.01	\$ 10.07	\$	10.07		
Distribution Volumetric (B)	\$ 0.0326	\$	16.30	\$ 0.0325	\$	16.25		
		\$	26.31		\$	26.32	\$ 0.01	0.04%

Consumption		150	kWh		1		kW		Cui	rent Loss F	acto	r	1.0454
RPP Tier One	•	750	kWh	L	oad Factor		21%		Pro	posed Loss	Fac	tor	1.0454
		Curre	ent Board-Ap	pro	ved			Proposed	i			lm	oact
SENTINEL LIGHTING (RPP TIER)	F	Rate	Volume		Charge		Rate	Volume		Charge			
		(\$)			(\$)		(\$)			(\$)		hange	% Change
Monthly Service Charge	\$	5.70	1	\$	5.70	\$		1	\$	5.73	\$	0.03	0.53%
Distribution Volumetric Rate	\$ 1	5.4050	1	\$	15.41	\$	15.4050	1	\$	15.41	\$	-	0.00%
Sub-Total A (excluding pass through)				\$	21.11				\$	21.14	\$	0.03	0.14%
Line Losses on Cost of Power	\$	0.0770	7	\$	0.52	\$	0.0770	7	\$	0.52	\$	-	0.00%
Total Deferral/Variance Account Rate Riders				\$	-	-\$	0.9666	1	-\$	0.97	-\$	0.97	#DIV/0!
Sub-Total B - Distribution (includes Sub-Total A)				\$	21.63				\$	20.69	-\$	0.94	-4.33%
RTSR - Network	\$	2.1223	1	\$	2.12	\$	2.0695	1	\$	2.07	-\$	0.05	-2.49%
RTSR - Connection and/or Line and Transformation	\$	1.7393	1	\$	1.74	\$	1.8570	1	\$	1.86	\$	0.12	6.77%
Connection	Ψ	1.7000	'			Ψ	1.0070	'			_		
Sub-Total C - Delivery (including Sub-Total B)				\$	25.49	_			\$	24.62	-\$	0.87	-3.42%
Wholesale Market Service Charge (WMSC)		0.0032	157	\$	0.50	\$		157	\$	0.50	\$	-	0.00%
Capacity Based Recovery (CBR)		0.0004	157	\$	0.06	\$		157	\$	0.06	\$	-	0.00%
Rural and Remote Rate Protection (RRRP)		0.0003	157	\$	0.05	\$		157	\$	0.05	\$	-	0.00%
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
Sub-Total Regulatory				\$	0.86				\$	0.86	\$	-	0.00%
Debt Retirement Charge (DRC)	\$	0.0070	150	\$	1.05	\$	0.0070	150	\$	1.05	\$	-	0.00%
RPP Tier 1	\$	0.0770	150	\$	11.55	\$	0.0770	150	\$	11.55	\$	-	0.00%
RPP Tier 2	\$	0.0900	0	\$	-	\$	0.0900	0	\$	-	\$	-	
Sub-Total Energy				\$	11.55				\$	11.55	\$	-	0.00%
Total Bill on Tiered (before Taxes)				\$	38.95				\$	38.08	-\$	0.87	-2.24%
HST	1	13%		\$	5.06		13%		\$	4.95	-\$	0.11	-2.24%
Ontario Rebate for Electricity Consumers	-	-8%		-\$	3.12		-8%		-\$	3.05	\$	0.07	-2.24%
Total Bill on Tiered				\$	40.90				\$	39.98	-\$	0.92	-2.24%

Summary of Proposed Distribution Rates	Current E	Board-Approve	ed		Proposed		Impac	t
Monthly Service Charge (A)	\$ 5.70	\$	5.70	\$ 5.73	\$	5.73		
Distribution Volumetric (B)	\$ 15.4050	\$	15.41	\$ 15.4050	\$	15.41		
		\$	21.11		\$	21.14	\$ 0.03	0.14%

Consumption	4	20,000	kWh		1,074		kW		Cur	rent Loss Fac	or		1.0454
		Curi	ent Board-A	opro	oved			Propose	ed			lmp	act
STREET LIGHTING (Non-RPP)		Rate	Volume		Charge		Rate	Volume		Charge			
, ,		(\$)			(\$)		(\$)			(\$)	\$	Change	% Change
Monthly Service Charge	\$	1.79	11,900	\$	21,301.00	\$	1.80	11900	\$	21,420.00	\$	119.00	0.56%
Distribution Volumetric Rate	\$	7.1336	1,074	\$	7,661.49	\$	7.0858	1,074	\$	7,610.15	-\$	51.34	-0.67%
Volumetric Rate Adder (1576)	-\$	0.5518	1,074	-\$	592.63	\$	-	1,074	\$	-	\$	592.63	
Volumetric Rate Riders (LRAM)	\$	0.4452	1,074	\$	478.14	\$	-	1,074	\$	-	-\$	478.14	
Sub-Total A (excluding pass through)				\$	28,848.00				\$	29,030.15	\$	182.15	0.63%
Line Losses on Cost of Power	\$	0.1101	19,068	\$	2,099.39	\$	0.1101	19,068	\$	2,099.39	\$	-	0.00%
Low Voltage Rate				\$	-	\$	0.2459	1,074	\$	264.10	\$	264.10	#DIV/0!
Group 2 Deferral/Variance Account Rate Rider				\$	-	\$	0.3674	1,074	\$	394.59	\$	394.59	#DIV/0!
Total Deferral/Variance Account Rate Riders (kw)				\$	-	-\$	1.0827	1,074	-\$	1,162.82	-\$	1,162.82	#DIV/0!
CBR Class B-Rate Rider				\$	-	\$	0.0810	1,074	\$	86.99	\$	86.99	#DIV/0!
Total Deferral/Variance Account Rate Rider GA (kwh)	\$	-	420,000	\$	-	\$	0.0013	420,000	\$	546.00	\$	546.00	#DIV/0!
Sub-Total B - Distribution (includes Sub-Total A)				\$	30,947.38				\$	31,258.39	\$	311.01	1.00%
RTSR - Network	\$	2.1115	1,074	\$	2,267.75	\$	2.0590	1,074	\$	2,211.37	-\$	56.38	-2.49%
RTSR - Connection and/or Line and Transformation Connection	\$	1.7037	1,074	\$	1,829.77	\$	1.8189	1,074	\$	1,953.50	\$	123.72	6.76%
Sub-Total C - Delivery (including Sub-Total B)				\$	35,044.91				\$	35,423.26	\$	378.35	1.08%
Wholesale Market Service Charge (WMSC)	\$	0.0032	439,068	\$	1,405.02	\$	0.0032	439,068	\$	1,405.02	\$	-	0.00%
Capacity Based Recovery (CBR)	\$	0.0004	439,068	\$	175.63	\$	0.0004	439,068	\$	175.63	\$	_	0.00%
Rural and Remote Rate Protection (RRRP)	\$	0.0003	439,068	\$	131.72	\$	0.0003	439,068	\$	131.72	\$	-	0.00%
Standard Supply Service Charge	\$	0.25	11,900	\$	2,975.00	\$	0.25	11,900	\$	2,975.00	\$	-	0.00%
Sub-Total Regulatory				\$	4,687.37				\$	4,687.37	\$	-	0.00%
Debt Retirement Charge (DRC)	\$	0.0070	420,000	\$	2,940.00	\$	0.0070	420,000	\$	2,940.00	\$	-	0.00%
Commodity including Global Adjustment*	\$	0.1101	420,000	\$	46,242.00	\$	0.1101	420,000	\$	46,242.00	\$	-	0.00%
Sub-Total Energy				\$	46,242.00				\$	46,242.00	\$	-	0.00%
Total Bill on Spot (before Taxes)				\$	88,914.27				\$	89,292.62	\$	378.35	0.43%
HST		13%		\$	11.558.86		13%		\$	11,608.04	\$	49.19	0.43%
Ontario Rebate for Electricity Consumers		0%		\$	11,000.00		0%		э \$	11,000.04	\$	49.19	0.43%
Total Bill on Spot		U 70		_	100,473.13		U 7/0		\$	100,900.67	\$	427.53	0.43%

<sup>\*</sup> Weighted average price including Class B Global Adjustment through end of May 2017 (IESO's Monthly Market Report for May 2017, page 22)

Summary of Proposed Distribution Rates	Curr	ent Board-Appro	ved		Proposed		Impact	
Monthly Service Charge (A)	\$ 1.79	\$	21,301.00	\$ 1.80	\$	21,420.00		
Distribution Volumetric (B)	\$ 7.1336	\$	7,661.49	\$ 7.0858	\$	7,610.15		
		\$	28,962.49		\$	29,030.15	\$ 67.66	0.23%

# APPENDIX C: 2018 PROPOSED TARIFF OF RATES AND CHARGES

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

EB-2017-0085/EB-2017-0292

## RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to detached, semi-detached or freehold townhouse dwelling units. Energy is supplied to residential customers as single phase, three wire, 60 Hertz, having a normal voltage of 120/240 Volts up to a maximum of 200 Amps per dwelling unit. Class B consumers are defined in accordance with O. Reg. 429/04. 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge	\$	29.18
Rate Rider for Disposition of Group Two Deferral/Variance Accounts (2018) - effective until December 31,	,	
2018	\$	0.76
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$	0.60
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0038
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	(0.0028)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018		
Applicable only for Class B Customers	\$/kWh	0.0002
Low Voltage Service Rate	\$/kWh	0.0010
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0075
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0067
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	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2017-0085/EB-2017-0292

## GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW, shall include small apartment buildings and smaller commercial, industrial, and institutional developments. Class B consumers are defined in accordance with O. Reg. 429/04. 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge	\$	26.87
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$	4.02
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0201
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	(0.0028)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018		
Applicable only for Class B Customers	\$/kWh	0.0002
Rate Rider for Disposition of Group Two Deferral/Variance Accounts (2018) - effective until December 31,		
2018	\$/kWh	0.0010
Low Voltage Service Rate	\$/kWh	0.0009
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0062
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	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25
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Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0085/EB-2017-0292

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

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW and includes apartment buildings, and commercial, industrial, and institutional developments. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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.

The rate rider for the disposition of WMS - Sub-account CBR is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied in for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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 Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge	\$	207.90
Distribution Volumetric Rate	\$/kW	4.1399
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018		
Applicable only for Non-Wholesale Market Participants	\$/kW	(1.4329)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	0.2829
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018		
Applicable only for Class B Customers	\$/kW	0.0866

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

	EB-2017-0085	/EB-2017-0292
Rate Rider for Disposition of Group Two Deferral/Variance Accounts (2018) - effective until December 31,		
2018	\$/kW	0.4172
Low Voltage Service Rate	\$/kW	0.3181
Retail Transmission Rate - Network Service Rate	\$/kW	2.7300
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3528
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	0.0003

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

EB-2017-0085/EB-2017-0292

## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, decorative lighting, bill boards, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

Coming Charge (son connection)	Φ.	40.07
Service Charge (per connection)	\$	10.07
Distribution Volumetric Rate	\$/kWh	0.0325
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	(0.0031)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018		
Applicable only for Class B Customers	\$/kWh	0.0002
Rate Rider for Disposition of Group Two Deferral/Variance Accounts (2018) - effective until December 31,		
2018	\$/kWh	0.0010
Low Voltage Service Rate	\$/kWh	0.0009
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0062
MONTHLY DATEC AND CHARGES. Descriptions Common and		
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	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2017-0085/EB-2017-0292

## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Class B consumers are defined in accordance with O. Reg. 429/04. 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge (per light) Distribution Volumetric Rate Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018 Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$ \$/kW \$/kW \$/kW \$/kW	5.73 15.4050 (0.9666) 2.0695 1.8570
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	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2017-0085/EB-2017-0292

## STREET LIGHTING SERVICE CLASSIFICATION

This classification relates to the supply of power for street lighting installations. Street lighting design and installations shall be in accordance with the requirements of Whitby Hydro, Town of Whitby specifications and ESA. The Town of Whitby retains ownership of the street lighting system on municipal roadways. Class B consumers are defined in accordance with O. Reg. 429/04. 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge (per light)	\$	1.80
Distribution Volumetric Rate	\$/kW	7.0858
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	(1.0827)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018		
Applicable only for Class B Customers	\$/kW	0.0810
Rate Rider for Disposition of Group Two Deferral/Variance Accounts (2018) - effective until December 31,		
2018	\$/kW	0.3674
Low Voltage Service Rate	\$/kW	0.2459
Retail Transmission Rate - Network Service Rate	\$/kW	2.0590
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8189
MONTHLY RATES AND CHARGES - Regulatory Component		
MONTHET 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	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2017-0085/EB-2017-0292

## microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Independent Electricity System Operator'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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment 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	\$/kW	(0.60)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

Effective and Implementation Date January 1, 2018
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EB-2017-0085/EB-2017-0292

\$

22.35

## SPECIFIC SERVICE CHARGES

Specific charge for access to the power poles - \$/pole/year

(with the exception of wireless attachments)

**Customer Administration** 

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

### Arrears certificate \$ 15.00 Statement of account \$ 15.00 Pulling post dated cheques 15.00 **Easement Letter** 15.00 Account history 15.00 Credit reference/credit check (plus credit agency costs) \$ 15.00 Account set up charge/change of occupancy charge (plus credit agency costs if applicable) \$ 30.00 Returned Cheque (plus bank charges) \$ 15.00 Special meter reads \$ 30.00 Meter dispute charge plus Measurement Canada fees (if meter found correct) \$ 30.00 Legal letter charge \$ 15.00 **Non-Payment of Account** Late Payment - per month % 1.50 Late Payment - per annum % 19.56 Collection of account charge - no disconnection \$ 30.00 Collection of account charge - no disconnection - after regular hours \$ 165.00 Disconnect/Reconnect at Meter - during regular hours \$ 65.00 Disconnect/Reconnect at Meter - after regular hours \$ 185.00 Disconnect/Reconnect at Pole - during regular hours \$ 185.00 Disconnect/Reconnect at Pole - after regular hours \$ 415.00 Install/Remove Load Control Device - during regular hours \$ 65.00 Install/Remove Load Control Device - after regular hours \$ 185.00 Other 500.00 Temporary service - install & remove - overhead - no transformer \$ Temporary service - install & remove - underground - no transformer \$ 300.00 Temporary service - install & remove - overhead - with transformer \$ 1.000.00 Service call - customer owned equipment \$ 30.00 Service call - after regular hours \$ 165.00

Effective and Implementation Date January 1, 2018
This schedule supersedes and replaces all previously
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EB-2017-0085/EB-2017-0292

## **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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

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

Clotholty.		
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	1.0454
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0349