



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

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**DECISION AND RATE ORDER**

**EB-2017-0044**

**GUELPH HYDRO ELECTRIC SYSTEMS INC.**

**Application for rates and other charges to be effective January 1, 2018**

**By Delegation, Before: Theodore Antonopoulos**

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**December 14, 2017**

## 1 INTRODUCTION AND SUMMARY

Through this Decision and Order, the Ontario Energy Board (OEB) approves the incentive rate-setting mechanism (IRM) application filed by Guelph Hydro Electric Systems Inc. (Guelph Hydro) on August 11, 2017, as amended during the course of the proceeding.

Guelph Hydro serves about 55,000 mostly residential and commercial electricity customers in the City of Guelph and the Village of Rockwood. The company is seeking the OEB's approval for the rates it charges to distribute electricity to its customers, as is required of licenced and rate-regulated distributors in Ontario.

A distributor may choose one of three rate-setting methodologies approved by the OEB. Each of these is explained in the OEB's *Chapter 3 Filing Requirements for Incentive Rate-Setting Applications* (the Filing Requirements).

Guelph Hydro's application is based on a Price Cap Incentive Rate-setting option (Price Cap IR) with a five-year term. The Price Cap IR option involves the setting of rates through a cost of service (COS or rebasing) application in the first year. Mechanistic price cap adjustments, based on inflation and the OEB's assessment of the distributor's efficiency, are then approved through IRM applications in each of the ensuing four (adjustment) years.

As a result of the OEB's findings in this Decision, there will be a monthly bill increase of \$0.97 for a residential customer consuming 750 kWh, effective January 1, 2018.

Guelph 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>1</sup> Accordingly, the fixed monthly charge for 2018 has once again been adjusted upward in this Decision by more than the mechanistic price cap adjustment alone. The variable usage rate is commensurately lower. This policy change does not affect the total revenue that distributors collect from residential customers.

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<sup>1</sup> Board Policy - "A New Distribution Rate Design for Residential Electricity Customers" EB-2012-0410, April 2, 2015

## 2 THE PROCESS

This Decision is being issued by delegated authority, without a hearing, under section 6 of the *Ontario Energy Board Act, 1998* (the OEB Act).

The OEB follows a standardized and streamlined process for IRM applications filed under Price Cap IR. In each adjustment year of a Price Cap IR 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.

Guelph Hydro filed its application on August 11, 2017, under section 78 of the OEB Act and in accordance with the Filing Requirements. Guelph Hydro supported its application with written evidence and a completed rate model. Questions were asked of, and answers were provided by, Guelph Hydro through emails and phone calls with the OEB. Based on this information, a decision was drafted and provided to Guelph Hydro on December 4, 2017. Guelph Hydro was given the opportunity to provide its comments on the draft for consideration prior to the OEB issuing this Decision.

## 3 ORGANIZATION OF THE DECISION

In this Decision, the OEB addresses the following issues, and provides reasons for approving or denying Guelph Hydro's proposals relating to each of them:

- Price Cap Adjustment
- Retail Transmission Service Rates
- Group 1 Deferral and Variance Accounts
- Lost Revenue Adjustment Mechanism Variance Account
- Residential Rate Design

In the final section, the OEB addresses the steps to implement the final rates that flow from this Decision.

## 4 PRICE CAP ADJUSTMENT

Guelph Hydro seeks to increase its rates, effective January 1, 2018, based on a mechanistic rate adjustment using the OEB-approved *inflation minus X-factor* formula applicable to Price Cap IR applications.

The components of the Price Cap IR formula applicable to Guelph Hydro are set out in Table 4.1, below. Inserting these components into the formula results in a 0.90% increase to Guelph Hydro's rates:  $0.90\% = 1.20\% - (0.00\% + 0.30\%)$ .

**Table 4.1: Price Cap IR Adjustment Formula**

Components		Amount
Inflation Factor <sup>2</sup>		1.20%
X-Factor	Productivity <sup>3</sup>	0.00%
	Stretch (0.00% – 0.60%) <sup>4</sup>	0.30%

The inflation factor of 1.20% applies to all Price Cap IR applications for the 2018 rate year.

The X-factor is the sum of the productivity factor and the stretch factor. It is a productivity offset that will vary among different groupings of distributors. Subtracting the X-factor from inflation ensures that rates decline in real, constant-dollar terms, providing distributors with a tangible incentive to improve efficiency or else experience declining net income.

The productivity component of the X-factor is based on industry conditions over a historical study period and applies to all Price Cap IR applications for the 2018 rate year.

<sup>2</sup> 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

<sup>3</sup> Ibid.

<sup>4</sup> The stretch factor groupings are based on the Report to the Ontario Energy Board – “Empirical Research in Support of Incentive Rate-Setting: 2016 Benchmarking Update”, prepared by Pacific Economics Group LLC., July 15, 2017

The stretch factor component of the X-factor is distributor specific. The OEB has established five stretch factor groupings, each within a range from 0.00% to 0.60%. The stretch factor assigned to any particular distributor is based on the distributor's total cost performance as benchmarked against other distributors in Ontario. The most efficient distributor would be assigned the lowest stretch factor of 0.00%. Conversely, a higher stretch factor would be applied to a less efficient distributor (in accordance with its cost performance relative to expected levels) to reflect the incremental productivity gains that the distributor is expected to achieve. The stretch factor assigned to Guelph Hydro is 0.30%.

## Findings

The OEB finds that Guelph Hydro's request for a 0.90% Price Cap IR adjustment is in accordance with the annually updated parameters set by the OEB. The adjustment is approved, and Guelph Hydro's new rates shall be effective January 1, 2018.

The adjustment applies to distribution rates (fixed and variable charges) uniformly across all customer classes.<sup>5</sup>

## 5 RETAIL TRANSMISSION SERVICE RATES

Distributors charge retail transmission service rates (RTSRs) to their customers to recover the amounts they pay to a transmitter, a host distributor or both for transmission services.

All transmitters charge Uniform Transmission Rates (UTRs) approved by the OEB to distributors connected to the transmission system. Host distributors charge RTSRs to distributors embedded within the host's distribution system.

Guelph Hydro is partially embedded within Hydro One's distribution system and is requesting approval to adjust the RTSRs that it charges its customers to reflect the rates that it pays for transmission services included in Table 5.1 and Table 5.2.

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<sup>5</sup> Price Cap IR and Annual IR Index adjustments do 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.

**Table 5.1: Hydro One Networks Inc. UTRs<sup>6</sup>**

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

**Table 5.2: Hydro One Networks Inc. Sub-Transmission RTSRs<sup>7</sup>**

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

## Findings

Guelph Hydro's proposed adjustment to its RTSRs is approved. The RTSRs were adjusted based on the current UTRs and host-RTSRs.

The differences resulting from the approval of new 2018 UTRs or RTSRs will be captured in Accounts 1584 and 1586 for future disposition.

## 6 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 total balance should be disposed.<sup>8</sup> OEB policy requires that Group 1 accounts be disposed if they exceed (as a

<sup>6</sup> Decision and Rate Order, EB-2017-0280, November 23, 2017

<sup>7</sup> Decision and Rate Order, EB-2016-0081, December 21, 2016

<sup>8</sup> Group 1 accounts track the differences between the costs that a distributor is billed for certain IESO and host distributor services (including the cost of power) and the associated revenues that the distributor

debit or credit) a pre-set disposition threshold of \$0.001 per kWh, unless a distributor justifies why balances should not be disposed.<sup>9</sup> If the balance does not exceed the threshold, a distributor may elect to request disposition.

The 2016 actual year-end total balance for Guelph Hydro's Group 1 accounts including interest projected to December 31, 2017 is a credit of \$360,344. This amount represents a total credit claim of \$0.0002 per kWh. While this amount does not exceed the disposition threshold, Guelph Hydro is proposing to dispose this credit amount over a one-year period, beginning in the 2018 rate year

Included in the balance of the Group 1 accounts is the Global Adjustment (GA) account balance of \$3,364,977. A customer's costs for the commodity portion of its electricity service reflects the sum of two charges: the price of electricity established by the operation of the Independent Electricity Systems Operator (IESO) administered wholesale market, and the GA.<sup>10</sup>

The GA is paid by consumers in several different ways:

- For Regulated Price Plan (RPP) customers, the GA is incorporated into the standard commodity rates, therefore there is no variance account for the GA.
- Customers who participate in the Ontario Industrial Conservation Initiative program are referred to as "Class A" customers. These customers are assessed GA costs through a peak demand factor that is based on the percentage their demand contributes to the top five Ontario system peaks. This factor determines a Class A customer's allocation for a year-long billing period that starts in July every year. As distributors settle with Class A customers based on the actual GA costs there is no resulting variance.
- "Class B" non-RPP customers pay the GA charge based on the amount of electricity they consume in a month (kWh). Class B non-RPP customers are billed GA based on an IESO published GA price. For Class B non-RPP

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receives from its customers for these services. The total net difference between these costs and revenues is disposed to customers through a temporary charge or credit known as a rate rider.

<sup>9</sup> "Report of the Board on Electricity Distributors' Deferral and Variance Account Review Initiative (EDDVAR)", EB-2008-0046, July 31, 2009

<sup>10</sup> The GA is established monthly, by the IESO, and varies in accordance with market conditions. It is the difference between the market price and the sum of the rates paid to regulated and contracted generators and conservation and demand management (demand response) program costs.

customers, distributors track any difference between the billed amounts and actual costs in the GA Variance Account for disposal, once audited.

Under the general principle of cost causality, customer groups that cause variances should be responsible for paying (or receiving credits) for their disposal. The movement from one class to another should not prevent identifiable customers from paying down/receiving a debit/credit balance.

Guelph Hydro proposes the recovery of its GA variance account balance of \$3,364,977 as at December 31, 2016, including interest to December 31, 2017, in accordance with Table 6.1:

**Table 6.1: Recovery of GA Variance**

Proposed Amounts	Proposed Method for Recovery
\$3,200,031 recovered from customers who were Class B for the entire period from January 2016 to December 2016	per kWh rate rider
\$164,945 recovered from customers formerly in Class B during the period January 2016 to December 2016 who were reclassified to Class A	12 equal installments <sup>11</sup>

The balance of the Group 1 accounts includes a credit balance of \$63,783 for the recovery of Capacity Based Recovery (CBR) charges for Class B customers related to the IESO's wholesale energy market Demand Response 3 program. Distributors paid CBR charges to the IESO in 2016 and recorded these to a dedicated sub-account. The disposition of this sub-account is impacted by whether or not a distributor had any customers who were part of Class A during the period from January 2016 to December 2016.

Guelph Hydro had Class A customers during the period from January 2016 to December 2016 so it applied to have the balance of this account disposed through a separate kWh rate rider for Class B customers in order to ensure proper allocation between Class A and Class B customers.

<sup>11</sup> 2018 IRM Rate Generator Model, Tab 6.1a "GA Allocation"

As some customers were reclassified between Class A and Class B during the period from January 2016 to December 2016, Guelph Hydro requested refunding of a portion of CBR Class B costs by way of 12 equal installments.<sup>12</sup>

The remaining Group 1 accounts being sought for disposition, through the general Deferral and Variance Account rate rider, include the following flow through variance accounts: Low Voltage Charges, Smart Meter Entity Charges, Wholesale Market Service Charges, Retail Transmission Service Charges, Commodity Power Charges, and Account 1595 residual balances. These Group 1 accounts have a total credit balance of \$3,661,537, which results in a refund to customers.

The balances proposed for disposition reconcile with the amounts reported as part of the OEB's *Electricity Reporting and Record-Keeping Requirements*.<sup>13</sup> Guelph Hydro further notes that its proposal for a one-year disposition period is in accordance with the OEB's policy.<sup>14</sup>

In assessing Guelph Hydro's commodity variances, OEB staff discussed two matters with the company.

First, OEB staff asked Guelph Hydro to explain why it uses the GA pricing and the weighted average price to accrue unbilled revenues for RPP customers. In OEB staff's view, standard accounting practice would require unbilled revenues to be accrued based on actual RPP prices.<sup>15</sup> In other words, utilities should not be accruing unbilled revenue based on GA pricing and weighted average price for RPP customers. It is OEB staff's view that unbilled revenue should be calculated based on the price which the unbilled revenues will eventually be billed, i.e. using the current RPP prices. This approach would assist in minimizing the quantum of the commodity balances.

The second matter is related to the approach for unbilled revenue employed by Guelph Hydro as described above, which contained an error in their 2016 balances. In June 2017 Guelph Hydro discovered a misallocation of \$2,089,987 in the December 31, 2016 balance of Account 1589 – RSVA GA with respect to the unbilled revenue for Class B Non RPP GA. The balance in this account was discovered to incorrectly contain the GA unbilled revenue related to RPP Settlement, which should have been allocated to the Account 1588 – RSVA power unbilled revenue. The error was the result of incorrectly grouping the GA unbilled revenue attributable to RPP customers with the Class B non-

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<sup>12</sup> 2018 IRM Rate Generator Model, Tab 6.2a "CBR B\_Allocation"

<sup>13</sup> Electricity Reporting and Record Keeping Requirements, Version dated May 3, 2016

<sup>14</sup> "Report of the Board on Electricity Distributors' Deferral and Variance Account Review Initiative (EDDVAR)", EB-2008-0046, July 31, 2009

<sup>15</sup> IRRs dated November 20, 2017 1.0 Ref. Response to IR 1 (a)

RPP customers. Guelph Hydro noted at that point in time, the general ledger for the 2016 external financial statements had been closed and the misallocation was not corrected in the general ledger until the June 2017 period.

Guelph Hydro requested to update the December 31, 2016 balances with the OEB for Accounts 1588 and 1589 relating to the unbilled revenue misallocation and corrections were made to the RRR 2.1.7 Trial Balance for the two impacted accounts on July 6, 2017. In addition, Guelph Hydro also appropriately made adjustments to the DVA continuity schedule in the 2018 IRM Rate Generator model.

## Findings

The OEB accepts that unbilled revenue should be calculated based on the price which the unbilled revenues will eventually be billed, i.e. using the current RPP prices. The OEB also notes that Guelph Hydro's RSVA-GA account balance that is being disposed in this proceeding is relatively high due to the separate year-end unbilled revenue misallocation correction described above. The OEB accepts the revised balances and encourages Guelph Hydro to consider how to improve its month-end accounting processes to minimize account balances going forward.

The OEB approves the disposition of a credit balance of \$360,344 as of December 31, 2016, including interest projected to December 31, 2017 for Group 1 accounts.

The following table identifies the principal and interest amounts which the OEB approves for disposition.

**Table 6.2: Group 1 Deferral and Variance Account Balances**

<b>Account Name</b>	<b>Account Number</b>	<b>Principal Balance (\$) A</b>	<b>Interest Balance (\$) B</b>	<b>Total Claim (\$) C=A+B</b>
LV Variance Account	1550	81,768	1,348	83,117
Smart Meter Entity Variance Charge	1551	(20,636)	(323)	(20,959)
RSVA - Wholesale Market Service Charge	1580	(1,627,076)	(25,742)	(1,652,818)
Variance WMS - Sub-account CBR Class B	1580	(62,618)	(1,165)	(63,783)

RSVA - Retail Transmission Network Charge	1584	(641,050)	(9,229)	(650,279)
RSVA - Retail Transmission Connection Charge	1586	(258,199)	(2,777)	(260,975)
RSVA – Power	1588	(1,031,019)	(28,453)	(1,059,472)
RSVA - Global Adjustment	1589	3,285,963	79,013	3,364,977
Disposition and Recovery of Regulatory Balances (2015)	1595	(97,851)	(2,300)	(100,151)
<b>Totals for all Group 1 accounts</b>		(370,719)	10,374	(360,344)

The balance of each of the Group 1 accounts approved for disposition shall be transferred to the applicable principal and interest carrying charge sub-accounts of Account 1595. Such transfer shall be pursuant to the requirements specified in Article 220, Account Descriptions, of the *Accounting Procedures Handbook for Electricity Distributors*.<sup>16</sup> 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. Guelph Hydro shall ensure these adjustments are included in the reporting period ending March 31, 2018 (Quarter 1).

The OEB approves these balances to be disposed through rate rider, charges and payments as calculated in the Rate Generator Model. The rate riders, charges and payments will be in effect over a one-year period from January 1, 2018 to December 31, 2018.<sup>17</sup>

## 7 THE LOST REVENUE ADJUSTMENT MECHANISM VARIANCE ACCOUNT BALANCE

As part of the Ministry of Energy’s conservation-first policy, distributors have an OEB licence requirement to ensure conservation and demand management (CDM) programs

<sup>16</sup> Accounting Procedures Handbook for Electricity Distributors, effective January 1, 2012

<sup>17</sup> 2018 IRM Rate Generator Model Tab 6.1 GA, Tab 6.1a “GA Allocation”, Tab 6.2 “CBR B”, Tab 6.2a “CBR\_Allocation” and Tab 7 “Calculation of Def-Var RR”

are available to their customers.<sup>18</sup> These programs result in reduced total energy consumption. To address the impact of the reduced consumption, the OEB Policy established a Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) to capture a distributor's revenue implications resulting from differences between actual load and the last OEB-approved load forecast.<sup>19</sup> These differences are recorded by distributors at the rate class level.

A distributor may apply for the disposition of the balance in the LRAMVA on an annual basis, as part of its IRM application, if the balance is deemed significant by the distributor. A request for the inclusion of lost revenues from demand response programs, as part of the LRAMVA, must be addressed through a COS application.<sup>20</sup>

Guelph Hydro has applied to dispose its LRAMVA debit balance of \$634,132. The balance consists of lost revenues in 2016 from CDM programs delivered during the period from 2011 to 2015 and carrying charges. In response to OEB Staff interrogatories, Guelph Hydro revised its LRAMVA balance to remove the persistence of 2011 to 2013 savings in 2016, as the impact of historical years' persistence to the end of 2013 were captured in the 2016 load forecast from the last rebasing application. This update resulted in a decrease of \$234,648 and a revised LRAMVA balance of \$399,484. The actual conservation savings claimed by Guelph Hydro were determined by the IESO.<sup>21</sup> Actual conservation savings were compared against Guelph Hydro's forecasted conservation savings of 33,013,333 kWh included in the load forecast, which was set out in Guelph Hydro's 2016 cost of service application.<sup>22</sup>

## Findings

The OEB finds that Guelph Hydro's LRAMVA balance has been calculated in accordance with the OEB's CDM-related guidelines and updated LRAMVA policy. The OEB approves the disposition of Guelph Hydro's LRAMVA debit balance of \$399,484, as set out in Table 7.1 below.

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<sup>18</sup> Conservation First: A Renewed Vision for Energy Conservation in Ontario, Ontario Ministry of Energy, 2013

<sup>19</sup> Guidelines for Electricity Distributor Conservation and Demand Management, EB-2012-0003, April 26, 2012; and, Requirement Guidelines for Electricity Distributors Conservation and Demand Management, EB-2014-0278, December 19, 2014

<sup>20</sup> Report of the Ontario Energy Board – "Updated Policy for the Lost Revenue Adjustment Mechanism Calculation: Lost Revenues and Peak Demand Savings from Conservation and Demand Management Programs." EB-2016-0182, May 19, 2016

<sup>21</sup> The Ontario Power Authority was responsible for CDM program evaluation prior to 2015.

<sup>22</sup> Cost of Service Application, EB-2015-0073, April 24, 2015

**Table 7.1 LRAMVA Balance for Disposition**

Account Name	Account Number	Actual CDM Savings (\$) A	Forecasted CDM Savings (\$) B	Carrying Charges (\$) C	Total Claim (\$) D=(A-B)+C
LRAMVA	1568	\$632,412	\$239,235	\$6,307	\$399,484

## 8 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.<sup>23</sup> 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.

Guelph Hydro notes that the implementation of the transition results in an increase to the fixed charge prior to the price cap adjustment of \$3.14. The bill impacts arising from the proposals in this application, including the fixed rate change, are below 10% for low volume residential customers.

### Findings

The OEB finds that the proposed 2018 increase to the monthly fixed charge is calculated 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

<sup>23</sup> As outlined in the Report cited at Footnote 1 above.

show that no mitigation is required. The OEB approves the increase as proposed by the applicant and calculated in the final Rate Generator Model.

## 9 IMPLEMENTATION AND ORDER

This Decision is accompanied by a Rate Generator Model, applicable supporting models, and a Tariff of Rates and Charges (Schedule A).

Model entries were reviewed in order to ensure that they are in accordance with Guelph Hydro'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 Guelph Hydro to the OEB.

The Rate Generator Model was adjusted, where applicable, to correct any discrepancies. The Rate Generator Model incorporates the rates set out in the following table.

**Table 9.1: Regulatory Charges**

<b>Rate</b>	<b>per kWh</b>
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

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.<sup>24</sup> The WMS and CBR rates were set by the OEB on December 15, 2016.<sup>25</sup>

<sup>24</sup> Decision and Order, EB-2017-0234, June 22, 2017

<sup>25</sup> Decision and Order, EB-2016-0362, December 15, 2016

**THE ONTARIO ENERGY BOARD ORDERS THAT**

1. The Tariff of Rates and Charges set out in Schedule A of this Decision and Rate Order is approved effective January 1, 2018 for electricity consumed or estimated to have been consumed on and after such date. Guelph Hydro Electric Systems Inc. shall notify its customers of the rate changes no later than the delivery of the first bill reflecting the new rates.

**DATED** at Toronto, December 14, 2017

**ONTARIO ENERGY BOARD**

*Original Signed By*

Kirsten Walli  
Board Secretary

**Schedule A**

**To Decision and Rate Order**

**Tariff of Rates and Charges**

**OEB File No: EB-2017-0044**

**DATED: December 14, 2017**

# Guelph Hydro Electric Systems Inc.

## 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-2017-0044

### RESIDENTIAL SERVICE CLASSIFICATION

This classification includes accounts taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. 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.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	25.73
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(0.18)
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0049
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until December 31, 2018	\$/kWh	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	(0.0023)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059

### 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

# Guelph Hydro Electric Systems Inc.

## 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-2017-0044

### GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification includes non-residential accounts taking electricity at 750 volts or less where monthly average peak demand is less than, or is forecast to be less than, 50 kW. 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.

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	16.74
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(0.50)
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0140
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until December 31, 2018	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	(0.0022)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052

#### 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

# Guelph Hydro Electric Systems Inc.

## 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-2017-0044

### GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION

This classification includes non-residential accounts where monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 1,000 kW. Note that for the application of the Retail Transmission Rate - Network Service Rate and the Retail Transmission Rate - Line and Transformation Connection Service Rate the following sub-classifications apply: General Service 50 to 999 kW non-interval metered, and General Service 50 to 999 kW interval metered. 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.

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	181.48
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(3.80)
Distribution Volumetric Rate	\$/kW	2.7650
Low Voltage Service Rate	\$/kW	0.0121
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until December 31, 2018	\$/kW	0.0218
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018		
Applicable only for Non-Wholesale Market Participants	\$/kW	(0.5958)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	(0.2077)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018		
Applicable only for Class B Customers	\$/kW	(0.0183)
Retail Transmission Rate - Network Service Rate	\$/kW	2.6095
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.7067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1983
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.2808

#### 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

Issued - December 14, 2017  
Corrected December 15, 2017

# Guelph Hydro Electric Systems Inc.

## 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-2017-0044

### GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION

This classification includes non-residential accounts where monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 1,000 kW but less than 5,000 kW. 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 Class B 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 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.

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	574.08
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(46.33)
Distribution Volumetric Rate	\$/kW	3.0695
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until December 31, 2018	\$/kW	0.0442
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	(1.0955)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 Applicable only for Class B Customers	\$/kW	(0.0244)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.7067
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.2808

Issued - December 14, 2017  
Corrected December 15, 2017

# Guelph Hydro Electric Systems Inc.

## 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-2017-0044

### 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

**Guelph Hydro Electric Systems Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**  
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EB-2017-0044

## LARGE USE SERVICE CLASSIFICATION

This classification refers to an account where monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. 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.

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	\$	1,103.59
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(151.18)
Distribution Volumetric Rate	\$/kW	2.7577
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until December 31, 2018	\$/kW	0.4790
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	(0.9653)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.2687
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.7540

## 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

# Guelph Hydro Electric Systems Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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EB-2017-0044

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification includes accounts taking electricity at 750 volts or less where monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. These connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer provides detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed load. 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.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.90
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(0.05)
Distribution Volumetric Rate	\$/kWh	0.0223
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	(0.0022)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052

### 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

**Guelph Hydro Electric Systems Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**  
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**approved schedules of Rates, Charges and Loss Factors**

**EB-2017-0044**

**STANDBY POWER SERVICE CLASSIFICATION**

This classification refers to an account that has Load Displacement Generation and requires the distributor to provide back-up service. 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 - APPROVED ON AN INTERIM BASIS**

Standby Charge - the charge is based on the applicable General Service 50 to 999 kW, or General Service 1,000 to 4,999 kW or Large Use Distribution Volumetric Rate applied to the generator's peak demand. A Standby Service Charge will be applied for a month where standby power is provided partially or is not provided.

# Guelph Hydro Electric Systems Inc.

## 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-2017-0044

### 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.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	7.58
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(0.11)
Distribution Volumetric Rate	\$/kW	8.3886
Low Voltage Service Rate	\$/kW	0.0089
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	(1.0821)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 Applicable only for Class B Customers	\$/kW	(0.0179)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9979
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6831

### 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

# Guelph Hydro Electric Systems Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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EB-2017-0044

### STREET LIGHTING SERVICE CLASSIFICATION

This classification is for roadway lighting with the Municipality. The consumption for this customer is based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. 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.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	0.43
Rate Rider for Disposition of Post Retirement Actuarial Gain - effective until March 31, 2025	\$	(0.01)
Distribution Volumetric Rate	\$/kW	10.2846
Low Voltage Service Rate	\$/kW	0.0107
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until December 31, 2018	\$/kW	(0.8432)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kW	(0.7759)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 Applicable only for Class B Customers	\$/kW	(0.0180)
Retail Transmission Rate - Network Service Rate	\$/kW	2.4040
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0253

### 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

**Guelph Hydro Electric Systems Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**  
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EB-2017-0044

### **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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**Guelph Hydro Electric Systems Inc.**  
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EB-2017-0044

**ALLOWANCES**

Transformer Allowance for Ownership by General Service 50 to 999 kW customers - per kW of billing demand/month	\$/kW	(0.72)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

**SPECIFIC SERVICE CHARGES****APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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.

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**Customer Administration**

Arrears certificate	\$	15.00
Returned cheque (plus bank charges)	\$	8.55
Account setup charge/change of occupancy charge (plus credit agency costs if applicable)	\$	8.75
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	10.00
Credit service charge for paperless bill	\$	(10.00)

**Non-Payment of Account**

Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	9.00
Disconnect/reconnect at meter - during regular hours	\$	20.00
Disconnect/reconnect at meter - after regular hours	\$	50.00
Disconnect/reconnect at pole - during regular hours	\$	50.00
Disconnect/reconnect at pole - after regular hours	\$	95.00

**Other**

Service call - customer owned equipment	\$	17.50
Service call - after regular hours	\$	95.00
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	22.35
Overhead bond connection - per connection	\$	105.00
Underground bond connection - per connection	\$	100.00

**Guelph Hydro Electric Systems Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**  
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EB-2017-0044

## RETAIL SERVICE CHARGES (if applicable)

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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.

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

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

## LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0260
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0137
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0157
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0036