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

### **DECISION AND RATE ORDER**

EB-2017-0050

### HYDRO ONE NETWORKS INC.

Application for rates and other charges to be effective May 1, 2018 for the former service areas of Haldimand County Hydro Inc., Norfolk Power Distribution Inc. and Woodstock Hydro Services Inc.

By Delegation, Before: Theodore Antonopoulos

**April 5, 2018** 

### 1 INTRODUCTION AND SUMMARY

Through this Decision and Rate Order, the Ontario Energy Board (OEB) approves certain elements of the distribution rate application filed by Hydro One Networks Inc. (Hydro One Networks) on August 14, 2017, as amended during the course of the proceeding. The application relates to the rates requested by Hydro One Networks for the areas formerly served by Haldimand County Hydro Inc. (Haldimand County Hydro), Norfolk Power Distribution Inc. (Norfolk Power) and Woodstock Hydro Services Inc. (Woodstock Hydro)

The former Haldimand County Hydro served about 21,400 electricity customers within the municipal boundary of Haldimand County. In the EB-2014-0244 proceeding, the OEB approved the acquisition of Haldimand County Hydro by, and the transfer of Haldimand County Hydro's distribution system to, Hydro One Networks. In that proceeding, the OEB accepted Hydro One Networks' proposal to defer the rebasing of the consolidated entity for a five-year period, i.e. until 2020 rates.

The former Norfolk Power served about 19,000 electricity customers in the towns of Simcoe, Port Dover, Delhi, Waterford, the village of Port Rowan, and the Townsend and Woodhouse townships. In the EB-2013-0187 proceeding, the OEB approved the acquisition of Norfolk Power by, and the transfer of Norfolk Power's distribution system to, Hydro One Networks. In that proceeding, the OEB accepted Hydro One Networks' proposal to defer the rebasing of the consolidated entity for a five-year period, i.e. until 2020 rates.

The former Woodstock Hydro served about 16,000 electricity customers within the City of Woodstock. In the EB-2014-0213 proceeding, the OEB approved the acquisition of Woodstock Hydro by, and the transfer of Woodstock Hydro's distribution system to, Hydro One Networks. In that proceeding, the OEB accepted Hydro One Networks' proposal to defer the rebasing of the consolidated entity for a five-year period, i.e. until 2020 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 number of years beginning in 2016. Accordingly, the fixed 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 distributors collect from residential customers.

Hydro One Networks appeared before the OEB with three distinct applications to implement the OEB's new distribution rate design policy for the Residential customer class for these former service areas for 2016. In the OEB's decision on each of those applications, the OEB determined that Hydro One Networks must apply annually to update its rates not only to implement the gradual transition to the new residential distribution rate design structure, but also to implement changes in pass-through charges. Pass-through charges for this proceeding include the update to Regulatory Charges, Retail Transmission Service Rates and the review of Group 1 Deferral and Variance Account balances.

In accordance with the 2016 OEB decision, Hydro One Networks filed the second year of the rate design transition for the three former service areas in 2017.<sup>2</sup>

This application represents Hydro One Networks' third-year of the distribution rate design change for residential customers for the former service areas to be effective May 1, 2018, in addition to updating Retail Service Transmission Rates and disposing of Group 1 deferral and variance account balances.

### 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. This process also applies to applications solely implementing the mandated rate design transition, and other pass-through charges as well. In each adjustment year, 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.

\_

<sup>&</sup>lt;sup>1</sup> EB-2015-0259 for Haldimand County Hydro, EB-2015-0269 for Norfolk Power, and EB-2015-0271 for Woodstock Hydro

<sup>&</sup>lt;sup>2</sup> EB-2016-0082

Hydro One Networks filed its application on August 14, 2017, under section 78 of the OEB Act and in accordance with the Filing Requirements. Hydro One Networks supported its application with written evidence and a completed rate model. Questions were asked of, and answers were provided by, Hydro One Networks through emails and phone calls with the OEB. Based on this information, a decision was drafted and provided to Hydro One Networks on March 12, 2018. Hydro One Networks 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 Hydro One Networks' proposals relating to each of them:

- Retail Transmission Service Rates
- Group 1 Deferral and Variance Accounts
- Residential Rate Design

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

### **4 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 host-RTSRs to distributors embedded within the host's distribution system.

The former Haldimand County Hydro and Norfolk Power service areas are partially embedded within Hydro One Networks' distribution system. Hydro One Networks is requesting approval to adjust the RTSRs that it charges its customers in the former service areas to reflect the rates that it pays for transmission services included in Table 4.1 and Table 4.2.

The former Woodstock Hydro service is transmission connected. Hydro One Networks is requesting approval to adjust the RTSRs that it charges its customers in the former Woodstock Hydro service area to reflect the rates that it pays for transmission services included in Table 4.1.

Table 4.1: UTRs<sup>3</sup>

Current Approved UTRs (2018)	per kWh
Network Service Rate	\$3.61
Connection Service Rates	
Line Connection Service Rate	\$0.95
Transformation Connection Service Rate	\$2.34

Table 4.2: Hydro One Networks Inc. Sub-Transmission Host-RTSRs<sup>4</sup>

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

Hydro One Networks settles transmission charges on an overall basis and cannot provide the associated transmission demand details separately by rate zone. Therefore, Hydro One Networks proposes to update the RTSRs by using the latest UTRs and HONI sub-transmission rates while using the IESO billing information and billing quantities as per the most recent distribution rates applications filed with the OEB by the three acquired utilities until all customers are fully transitioned to Hydro One Networks' rate structure.<sup>5</sup> A proposal similar to this was approved by the OEB in Hydro One Networks' 2017 application for the three acquired utilities.<sup>6</sup>

<sup>&</sup>lt;sup>3</sup> Decision and Rate Order, EB-2017-0359, February 1, 2018

<sup>&</sup>lt;sup>4</sup> Decision and Rate Order, EB-2016-0081, December 21, 2016

<sup>&</sup>lt;sup>5</sup> Haldimand County Hydro, 2014 RTSR Workform, EB-2013-0134, Norfolk Power, 2013 RTSR Workform, EB-2012-0151, Woodstock Hydro, 2014 RTSR Workform, EB-2013-0182

<sup>&</sup>lt;sup>6</sup> EB-2016-0082

### **Findings**

Hydro One Networks' proposed adjustment to its RTSRs for the three former service areas is approved. The RTSRs were adjusted based on the current UTRs and current host-RTSRs. The OEB finds that these 2018 UTRs and 2017 host-RTSRs are to be incorporated into the rate model to adjust the RTSRs that Hydro One Networks will charge its customers accordingly.

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

### 5 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.<sup>7</sup> 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.<sup>8</sup> If the balance does not exceed the threshold, a distributor may elect to request disposition.

Hydro One Networks is seeking disposition of Group 1 balances for the three acquired utilities for the following years:

- Haldimand County Hydro January 1, 2016 to December 31, 2016
- Woodstock Hydro January 1, 2013 to December 31, 2016
- Norfolk Power January 1, 2012 to December 31, 2016

As of 2016, each of the former service areas' billing system and wholesale settlement process has been fully integrated with that of Hydro One Networks and therefore Hydro One Networks receives one consolidated invoice from the IESO for settlement of commodity, bulk transmission and wholesale settlement costs across all of its service

<sup>&</sup>lt;sup>7</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 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>&</sup>lt;sup>8</sup> Report of the OEB - "Electricity Distributors' Deferral and Variance Account Review Initiative (EDDVAR)", EB-2008-0046, July 31, 2009

areas. In addition, certain host and embedded distributor transactions were also eliminated after integration as Hydro One Networks become one consolidated entity<sup>9</sup>.

Because of this, the deferral and variance account balances sought for disposition in the current application include actual transactions attributable to each acquired utility from periods prior to operational integration, as well as, some transactions that are allocated following operational integration. Hydro One Networks developed an approach in order to assign those remaining balances for Group 1 accounts to each service area.

The proposed methodology includes the following:

- Using a flag in the billing system, actual billed revenues and estimated billed amounts from each relevant charge (e.g. RTSR – Network rate rider) are tracked separately by Hydro One Networks in the billing system, seperated by acquired utility.
- ii. Total IESO invoiced costs are allocated to each acquired utility using a percentage based off of appropriate historical data. For example, account 1588 RSVA – Power costs are assigned based on the proportion of historical wholesale purchased consumption at the stations serving each acquired utility over the last 3 historical years.
- iii. The resulting variance for each account is calculated by subtracting the allocated costs described in (ii) from the actual revenues in (i), above.<sup>10</sup>

OEB staff asked questions to Hydro One Networks about certain balances in the Group 1 deferral and variance accounts for the acquired utilities given the proposed allocation methodology. The focus of the questions was, for certain accounts (specifically, the commodity accounts), the substantially higher principal transactions in the year of integration with Hydro One Networks than in prior years. Questions focussed on a potential misallocation of debits and credits between accounts. Hydro One Networks noted that it has conducted a rigorous review and found no misallocation of debits or credits charged to any commodity accounts following the period of integration 11. Further, the allocation method is based on the best available information that Hydro One Networks has to determine each acquired utility's variance balances.

Given the large balances specifically in Accounts 1588 - Power and 1589 – Global Adjustment (GA) for Norfolk Power and Account 1588 for Woodstock Hydro, OEB staff

-

<sup>&</sup>lt;sup>9</sup> EB-2017-0050, 2018 Rate Application, Page 16

<sup>&</sup>lt;sup>10</sup> EB-2017-0050, Application, Pages 16-17

<sup>&</sup>lt;sup>11</sup> EB-2017-0050, Responses to OEB Staff Analysis, Page 1, February 6, 2018

questioned whether Hydro One Networks considered deferring its request for disposition of the Group 1 accounts for each respective acquired utility, to a later date, in order to utilize the necessary time and resources to better assess the reasonability of the account balances.

In its response, Hydro One Networks noted that, given the amount of time that has passed since each of the acquired utilities last disposed of their Group 1 account balances, there is no benefit to ratepayers of accruing additional interest charges as a result of delaying the disposition of balances further. Hydro One Networks believes that the proposed methodology for allocating balances to the acquired utilities is reasonable and that the allocated balances reflect the best information available. Hydro One Networks notes that should the OEB have concerns regarding the proposed allocation methodology, it could consider:

- (a) Approving the disposition of balances as proposed in this application and ordering the disposition of balances on a consolidated basis with the whole of Hydro One Networks, going forward; or
- (b) Approving only the disposition of balances that are directly attributable to each acquired utility in this proceeding and ordering the disposition on a consolidated basis with the whole of Hydro One Networks, going forward.

### **Findings**

The OEB is concerned with certain balances (most notably in Account 1588 – Power for Norfolk Power and Account 1589 – GA for all three acquired utilities), mainly resulting from Hydro One Networks' proposed allocation methodology and the resulting impacts to customers of the former Haldimand County Hydro, Woodstock Hydro and Norfolk Power rate zones. The OEB notes that while the proposed allocation methodology conceptually appears reasonable, Hydro One Networks has not sufficiently explained why the principal transactions in the year of integration for the acquired utilities are substantially higher than in prior years, other than noting that the balances are the result of the proposed allocation methodology.

For example, with respect to Norfolk Power which was integrated with Hydro One Networks in August of 2015, the period from January to August 2015 (i.e. the 8-months of pre-integration amounts) shows principal transaction totals of \$1,169,040 and (\$1,052,499) for Accounts 1588 and 1589, respectively. Similarly, the amounts for the period of September to December 2015 (i.e. the 4-months post-integration) shows

<sup>&</sup>lt;sup>12</sup> EB-2017-0050, Responses to OEB Staff Analysis, Page 3, February 6, 2018

principal transaction totals of \$1,867,847 and (\$1,743,491) for Accounts 1588 and 1589, respectively. The amounts post-integration, in half the length of time, are substantially greater, in absolute terms, than in prior years.

Similarily, with respect to Woodstock Hydro, the absolute dollar value of amounts of principal transactions in the year of integration (August of 2016) with respect to Account 1589 – GA of (\$2,906,470) were substantially higher, when compared to transaction totals for these accounts reported in prior years.

For Haldimand County Hydro, the principle transaction totals in 2016 of \$2,146,081 for Account 1589 – GA are greater, in absolute terms, when compared to industry peers.

Further, and as noted above, as Hydro One Networks now settles wholesale costs, including the GA, on an overall basis, Hydro One Networks is unable to complete the GA Analysis Workform for each of the three service areas covered in the application. The workform was implemented in 2018 to assist the OEB in assessing if the annual balance in Account 1589 is reasonable. The workform compares the General Ledger principal balance to an expected principal balance based on monthly GA volumes, revenues and costs. Therefore, the OEB does not have the additional level of comfort in the accuracy of the GA balance for each acquired utility.

For these reasons, the OEB will only approve the disposition of balances directly attributable to each acquired utility up to December 31 of the year prior to their acquisition. For Norfolk Power, this date is December 31, 2014, as Norfolk Power was integrated with Hydro One in August of 2015. For Woodstock Hydro, this would be December 31, 2015, as Woodstock Hydro was integrated in August of 2016. For the former Haldimand County Hydro, the OEB approved the disposition of deferral and variance account balances as at December 31, 2015 in Hydro One Networks' 2017 rate application. These balances were directly attributable to customers of the former Haldimand County Hydro. Haldimand County Hydro was integrated with Hydro One Networks in September of 2016. For this reason, the OEB will not approve the disposition of any deferral and variance account balances (relating to the 2016 year) for Haldimand County Hydro in this application.

The OEB expects that Hydro One Networks will make further efforts to validate the account balances not disposed in this proceeding as they relate to the allocation methodology and to substantiate their reasonableness. Following this work, it is open to

<sup>&</sup>lt;sup>13</sup> EB-2016-0082

the company to propose whether or not it should be disposing of the Group 1 accounts on a consolidated basis going forward.

Hydro One Networks filed a draft Rate Order on March 19, 2018 containing revised Rate Generator Models and Tariffs of Rates and Charges for each former service area reflecting this Decision. OEB staff filed comments on March 26, 2018. OEB staff noted that it is satisfied that Hydro One Networks has appropriately reflected the OEB's findings. OEB staff provided revised Tariffs of Rates and Charges for each acquired utility containing added generic wording for 2018 applications for all distributors. Hydro One Networks did not file a response.

### Haldimand County Hydro

As noted above, the OEB does not approve the disposition of any deferral and variance account balances (relating to the 2016 year) for Haldimand County Hydro in this application.

### Norfolk Power

The 2014 year-end total balance for the former Norfolk Power's Group 1 accounts including interest projected to April 30, 2018 is a debit of \$314,170. This amount represents a total debit claim of \$0.0008 per kWh, which does not exceed the disposition threshold.

Included in the balance of the Group 1 accounts is the GA account credit balance of \$1,288,197. 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 IESO administered wholesale market, and the GA.<sup>14</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

<sup>&</sup>lt;sup>14</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.

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

Hydro One Networks proposes the refund of the GA variance account balance attributable to the former Norfolk Power service area of \$1,288,197 as at December 31, 2014, including interest to April 30, 2018, in accordance with Table 5.1:

Table 5.1: Refund of GA Variance

Proposed Amounts	Proposed Method for Recovery
\$1,288,197 refunded to customers who were Class B for the entire period from January 2012 to December 2014	per kWh rate rider

Although the disposition threshold has not been exceeded, the OEB approves the disposition of balances directly attributable to Norfolk Power up to December 31 of the year prior to its acquisition, given that these are actual balances as opposed to the estimates arising from a methodology. The OEB approves the disposition of a debit balance of \$314,170 as of December 31, 2014, including interest projected to April 30, 2018 for Group 1 accounts. The OEB approves a one-year disposition period, from May 1, 2018 to April 30, 2019.

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

**Table 5.2: Group 1 Deferral and Variance Account Balances** 

Account Name	Account Number	Principal Balance (\$) A	Interest Balance (\$) B	Total Claim (\$) C=A+B
LV Variance Account	1550	136,583	7,240	143,823
Smart Meter Entity Variance Charge	1551	(7,792)	(289)	(8,080)
RSVA - Wholesale Market Service Charge	1580	(993,528)	(68,215)	(1,061,743)
RSVA - Retail Transmission Network Charge	1584	(49,588)	(3,436)	(53,024)
RSVA - Retail Transmission Connection Charge	1586	(89,365)	(14,719)	(104,084)
RSVA – Power	1588	2,551,439	102,399	2,653,838
RSVA - Global Adjustment	1589	(1,242,458)	(45,739)	(1,288,197)
Disposition and Recovery of Regulatory Balances (2010)	1595	-	(14,988)	(14,988)
Disposition and Recovery of Regulatory Balances (2012)	1595	-	69,962	68,962
Disposition and Recovery of Regulatory Balances (2013)	1595	(8,095)	(14,242)	(22,337)
Totals for all Group 1 a	ccounts	297,196	16,974	314,170

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>15</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. Hydro One Networks

<sup>&</sup>lt;sup>15</sup> Accounting Procedures Handbook for Electricity Distributors, effective January 1, 2012

shall ensure these adjustments are included in the reporting period ending June 30. 2018 (Quarter 2).

The OEB approves these balances to be disposed through rate riders as calculated in the Rate Generator Model. The rate riders will be in effect over a one-year period from May 1, 2018 to April 30, 2018. 16

### Woodstock Hydro

The 2015 year-end total balance for Woodstock Hydro's Group 1 accounts including interest projected to April 30, 2018 is a credit of \$99,829. This amount represents a total credit claim of \$0.0003 per kWh, which does not exceed the disposition threshold.

Included in the balance of the Group 1 accounts is the Global Adjustment (GA) account balance of \$816,352. 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 IESO administered wholesale market, and the GA.<sup>17</sup>

As indicated above on page 9 of this Decision, the GA is paid by consumers in several different ways.

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.

Hydro One Networks proposes the recovery of the GA variance account balance attributable to the former Woodtock Hydro service area of \$816,352 as at December 31, 2015, including interest to April 30, 2018, in accordance with Table 5.3:

**April 5, 2018** 

**Decision and Rate Order** 

<sup>&</sup>lt;sup>16</sup> 2018 IRM Rate Generator Model Tab 6.1 GA and Tab 7 "Calculation of Def-Var RR"

<sup>&</sup>lt;sup>17</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.

**Table 5.3: Recovery of GA Variance** 

Proposed Amounts	Proposed Method for Recovery
\$748,884 recovered from customers who were Class B for the entire period from January 2013 to December 2015	per kWh rate rider
\$67,468 from customers formely in Class B during the period January 2013 to December 2015 who were reclassified to Class A	12 equal installments <sup>18</sup>

The balance of the Group 1 accounts includes \$97,447 for the recovery of 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 2015 and 2016 and recorded these to a dedicated sub-account. Because only balances up to 2015 are being disposed in this case, only 2015 amounts apply. 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 2015 to December 2015.

As one customer was reclassified between Class A and Class B during the period from January 2015 to December 2015, Hydro One Networks requested recovery of a portion of CBR Class B costs by way of 12 equal installments.<sup>19</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: 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 credit balance of \$1,013,628 which results in a refund to customers.

Although the disposition threshold has not been exceeded, the OEB approves the disposition of balances directly attributable to Woodstock Hydro up to December 31 of the year prior to its acquisition, given that these are actual balances as opposed to the estimates arising from a methodology. The OEB approves the disposition of a credit balance of \$99,829 as of December 31, 2015, including interest projected to April 30, 2018 for Group 1 accounts. The OEB approves a one-year disposition period, from May 1, 2018 to April 30, 2019.

<sup>&</sup>lt;sup>18</sup> 2018 IRM Rate Generator Model, Tab 6.1a "GA Allocation"

<sup>&</sup>lt;sup>19</sup> 2018 IRM Rate Generator Model, Tab 6.2 "CBR\_Allocation"

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

**Table 5.4: Group 1 Deferral and Variance Account Balances** 

Account Name	Account Number	Principal Balance (\$) A	Interest Balance (\$) B	Total Claim (\$) C=A+B
Smart Meter Entity Variance Charge	1551	4,520	483	5,003
RSVA - Wholesale Market Service Charge	1580	(1,139,210)	(41,515)	(1,180,725)
Variance WMS - Sub- account CBR Class B	1580	94,453	2,994	97,447
RSVA - Retail Transmission Network Charge	1584	286,418	17,540	303,958
RSVA - Retail Transmission Connection Charge	1586	467,893	4,377	472,270
RSVA – Power	1588	(509,348)	(19,738)	(529,086)
RSVA - Global Adjustment	1589	787,973	28,379	816,352
Disposition and Recovery of Regulatory Balances (2010)	1595	(141,230)	39,174	(102,056)
Disposition and Recovery of Regulatory Balances (2012)	1595	(57,731)	53,979	(3,751)
Disposition and Recovery of Regulatory Balances (2014)	1595	(487)	21,247	20,759
Totals for all Group 1 a	occounts	(206,748)	106,919	(99,829)

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>20</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. Hydro One Networks shall ensure these adjustments are included in the reporting period ending June 30, 2018 (Quarter 2).

The OEB approves these balances to be disposed through rate riders and charges as calculated in the Rate Generator Model. The rate riders and charges will be in effect over a one-year period from May 1, 2018 to April 30, 2018.<sup>21</sup>

### **6 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>22</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.

### Haldimand County Hydro

The OEB's decision in EB-2015-0259 approved the implementation of the transition to fixed rates for the former Haldimand County Hydro service area over a five-year period. Hydro One Networks' third step of the implementation of the transition results is an

<sup>&</sup>lt;sup>20</sup> Accounting Procedures Handbook for Electricity Distributors, effective January 1, 2012

<sup>&</sup>lt;sup>21</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"

<sup>&</sup>lt;sup>22</sup> "Ontario Energy Board Policy: A New Distribution Rate Design for Residential Electricity Customers", EB-2012-0410, April 2, 2015

increase to the fixed charge of \$3.73 for the former Haldimand County Hydro service area. The bill impacts arising from the proposals in this application, including the fixed rate change, are below 10% for low volume residential customers.

### Norfolk Power

The OEB's decision in EB-2015-0269 approved the implementation of the transition to fixed rates for the former Norfolk Power service area over a four-year period. Hydro One Networks' third step of the implementation of the transition results is an increase to the fixed charge of \$3.98 for the former Norfolk Power service area. The bill impacts arising from the proposals in this application, including the fixed rate change, are below 10% for low volume residential customers.

### Woodstock Hydro

The OEB's decision in EB-2015-0271 approved the implementation of the transition to fixed rates for the former Woodstock Hydro service area over a five-year period. Hydro One Networks' third step of the implementation of the transition results is an increase to the fixed charge of \$3.39 for the former Woodstock Hydro service area. 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 for each of the three former service areas 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 show that no mitigation is required. The OEB approves the increase as proposed by the applicant and calculated in the respective final Rate Generator Models.

### 7 IMPLEMENTATION AND ORDER

This Decision and Rate Order is accompanied by applicable supporting models and a Tariff of Rates and Charges for each of the three former service areas (Schedule A). Entries in the models were reviewed to ensure that they are in accordance with the former cost of service decisions of each of the three former service areas<sup>23</sup> and the

<sup>&</sup>lt;sup>23</sup> Haldimand County Hydro (EB-2013-0134), Woodstock Hydro (EB-2010-0145), Norfolk Power (EB-2011-0272)

2017 OEB-approved Tariff of Rates and Charges. The rate model was adjusted, where applicable, to correct any discrepancies.

The Rate Generator Models incorporate the rates set out in the following table.

**Table 7.1: 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

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>

The Smart Metering Entity Charge is a component of the "Distribution Charge" on a customer's bill, established by the OEB through a separate order. The Smart Metering Entity Charge was set at \$0.57 by the OEB on March 1, 2018, effective January 1, 2018 to December 31, 2022. <sup>26</sup> The Rate Generator Model will be adjusted to incorporate this rate as part of the final Rate Order.

### THE ONTARIO ENERGY BOARD ORDERS THAT:

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

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

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

<sup>&</sup>lt;sup>26</sup> Decision and Order, EB-2017-0290, March 1, 2018

### **ADDRESS**

Ontario Energy Board P.O. Box 2319 2300 Yonge Street, 27th Floor Toronto ON M4P 1E4 Attention: Board Secretary

E-mail: <a href="mailto:boardsec@oeb.ca">boardsec@oeb.ca</a>
Tel: 1-888-632-6273 (Toll free)

Fax: 416-440-7656

DATED at Toronto, April 5, 2018

### **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-2017-0050** 

**DATED: April 5, 2018** 

# Former Haldimand County Hydro Inc. Service Area TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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

EB-2017-0050

### RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to a customer's main place of abode and may include additional buildings served through the same meter, provided they are not rental income units. Residential includes Urban, Suburban and Farm customer's premises which can be occupied on a year-round and seasonal basis. Farm applies to properties actively engaged in agricultural production as defined by Statistics Canada. These premises must be supplied from a single phase primary line. The farm definition does not include tree, sod, or pet farms. Services to year-round pumping stations or other ancillary services remote from the main farm shall be classed as farm. 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	\$	28.20
Rate Rider per Hydro One Network's Acquisition Agreement - effective until June 30, 2020	\$	(0.28)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0099
Low Voltage Service Rate	\$/kWh	0.0004
Rate Rider for Application of CGAAP Accounting Changes - effective until April 30, 2019	\$/kWh	(0.0015)
Funding Adder for Renewable Energy Generation - in effect until the effective date of the next cost of service based rate order	\$/kWh	0.0002
Rate Rider per Hydro One Network's Acquisition Agreement - effective until June 30, 2020	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0060
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)	\$	0.2500

# Former Haldimand County Hydro Inc. Service Area TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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

### GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

General Service does include farms supplied from polyphase primary lines. General Service includes commercial, industrial, educational, administrative, auxiliary and government services. It also includes combination services where a variety of uses are made of the service by the owner of one property. 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. 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	\$	26.94
Rate Rider per Hydro One Networks' Acquisition Agreement - effective until June 30, 2020	\$	(0.27)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0190
Low Voltage Service Rate	\$/kWh	0.0004
Rate Rider per Hydro One Networks' Acquisition Agreement - effective until June 30, 2020	\$/kWh	(0.0002)
Rate Rider for Application of CGAAP Accounting Changes - effective until April 30, 2019	\$/kWh	(0.0010)
Funding Adder for Renewable Energy Generation - in effect until the effective date of the next cost of service based rate order	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0058
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0055
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)	\$	0.2500

# Former Haldimand County Hydro Inc. Service Area TARIFF OF RATES AND CHARGES

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

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

General Service does include farms supplied from polyphase primary lines. General Service includes commercial, industrial, educational, administrative, auxiliary and government services. It also includes combination services where a variety of uses are made of the service by the owner of one property. 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. 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 Global Adjustment is only applicable to non-RPP Class B customers. It 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 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	\$	83.61
Rate Rider per Hydro One Networks' Acquisition Agreement - effective until June 30, 2020	\$	(0.84)
Distribution Volumetric Rate	\$/kW	3.9339
Low Voltage Service Rate	\$/kW	0.1550
Rate Rider per Hydro One Networks' Acquisition Agreement - effective until June 30, 2020	\$/kW	(0.0393)
Rate Rider for Application of CGAAP Accounting Changes - effective until April 30, 2019	\$/kW	(0.1394)
Funding Adder for Renewable Energy Generation - in effect until the effective date of the next	****	
cost of service based rate order	\$/kW	0.0195
Retail Transmission Rate - Network Service Rate	\$/kW	2.4546
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3357

# Former Haldimand County Hydro Inc. Service Area TARIFF OF RATES AND CHARGES

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

### **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)	\$	0.2500

# Former Haldimand County Hydro Inc. Service Area TARIFF OF RATES AND CHARGES

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

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, 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.

morring rational distriction of the state of		
Service Charge (per connection)	\$	19.51
Rate Rider per Hydro One Networks' Acquisition Agreement (per connection) - effective until June 30, 2020	\$	(0.20)
Distribution Volumetric Rate	\$/kWh	0.0025
Low Voltage Service Rate	\$/kWh	0.0004
Rate Rider per Hydro One Networks' Acquisition Agreement - effective until June 30, 2020	\$/kWh	(0.00003)
Rate Rider for Application of CGAAP Accounting Changes - effective until April 30, 2019	\$/kWh	(0.0015)
Funding Adder for Renewable Energy Generation - in effect until the effective date of the next cost of service based rate order	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0058
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0055
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)	\$	0.2500

# Former Haldimand County Hydro Inc. Service Area TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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

### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to an account that is an unmetered lighting load supplied to a sentinel light. (Metered sentinel lighting is captured under the consumption of the principal service.) The consumption for these customers is assumed to have the same hourly consumption load profile as for Street Lighting. 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.

The state of the s		
Service Charge (per connection)	\$	14.23
Rate Rider per Hydro One Networks' Acquisition Agreement (per connection) - effective until June 30, 2020	\$	(0.14)
Distribution Volumetric Rate	\$/kW	36.7261
Low Voltage Service Rate	\$/kW	0.1099
Rate Rider per Hydro One Networks' Acquisition Agreement - effective until June 30, 2020	\$/kW	(0.3673)
Rate Rider for Application of CGAAP Accounting Changes - effective until April 30, 2019	\$/kW	(4.1655)
Funding Adder for Renewable Energy Generation - in effect until the effective date of the next cost of service based rate order	\$/kW	0.6224
Retail Transmission Rate - Network Service Rate	\$/kW	1.7819
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7130
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)	\$	0.2500

# Former Haldimand County Hydro Inc. Service Area TARIFF OF RATES AND CHARGES

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

### STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved 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.

•		
Service Charge (per connection)	\$	5.70
Rate Rider per Hydro One Networks' Acquisition Agreement (per connection) - effective until June 3	30, 2020 \$	(0.06)
Distribution Volumetric Rate	\$/kW	14.5882
Low Voltage Service Rate	\$/kW	0.1130
Rate Rider per Hydro One Networks' Acquisition Agreement - effective until June 30, 2020	\$/kW	(0.1459)
Rate Rider for Application of CGAAP Accounting Changes - effective until April 30, 2019	\$/kW	(1.4430)
Funding Adder for Renewable Energy Generation - in effect until the effective date of the next cost of service based rate order	\$/kW	0.2152
Retail Transmission Rate - Network Service Rate	\$/kW	1.7729
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6780
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)	\$	0.2500

# Former Haldimand County Hydro Inc. Service Area TARIFF OF RATES AND CHARGES

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

## EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION FOR HYDRO ONE NETWORKS INC.

This classification applies to Hydro One Networks Inc., an electricity distributor licensed by the Ontario Energy Board, and provided electricity by means of Haldimand County Hydro Inc.'s distribution facilities. 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	\$	464.17
Rate Rider per Hydro One Networks' Acquisition Agreement - effective until June 30, 2020	\$	(4.64)
Distribution Wheeling Service Rate	\$/kW	1.4304
Rate Rider per Hydro One Networks' Acquisition Agreement - effective until June 30, 2020	\$/kW	(0.0143)
Retail Transmission Rate - Network Service Rate	\$/kW	2.9391
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.9244
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)	\$	0.2500

# Hydro One Networks Inc. Former Haldimand County Hydro Inc. Service Area TARIFF OF RATES AND CHARGES

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

### 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

# Former Haldimand County Hydro Inc. Service Area TARIFF OF RATES AND CHARGES

**Effective and Implementation Date May 1, 2018** 

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

### **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

#### **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.

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.

### **Customer Administration**

Legal letter charge	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account		
Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Disconnect/reconnect charge - at meter during regular hours	\$	65.00
Disconnect/reconnect charge - 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
Specific charge for access to the power poles - \$/pole/year		
(with the exception of wireless attachments)	\$	22.35
Bell Canada Pole Rentals	\$	18.08
Norfolk Pole Rentals - Billed	\$	28.61

# Former Haldimand County Hydro Inc. Service Area TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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

### **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.

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	1.0655
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0548
Total Loss Factor - Embedded Distributor - Hydro One Networks Inc.	1.0288

Effective and Implementation Date May 1, 2018

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

EB-2017-0050

### RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate 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. All customers are single-phase. 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.

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	\$	32.79
Rate Rider per Hydro One Network's Acquisition Agreement - effective until September 07, 2019	\$	(0.49)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0055
Low Voltage Service Rate	\$/kWh	0.0009
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0074)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	0.0042
Rate Rider for Application of Tax Change - in effect until the effective date of the next Cost of		
Service Based Rate Order	\$/kWh	0.0002
Rate Rider per Hydro One Network's Acquisition Agreement - effective until September 07, 2019	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0038
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)	\$	0.2500

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

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

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

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	\$	49.98
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider per Acquisition Agreement - effective until September 7, 2019	\$	(0.74)
Distribution Volumetric Rate	\$/kWh	0.0156
Low Voltage Service Rate	\$/kWh	0.0008
Rate Rider per Acquisition Agreement - effective until September 7, 2019	\$/kWh	(0.0003)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0074)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	0.0042
Rate Rider for Application of Tax Change - in effect until the effective date of the next Cost of Service based Rate Order	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0033
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)	\$	0.2500

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

### **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. 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.

The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It 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 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	\$	245.55
Rate Rider per Acquisition Agreement - effective until September 7, 2019	\$	(3.61)
Distribution Volumetric Rate	\$/kW	3.9602
Low Voltage Service Rate	\$/kW	0.3050
Rate Rider per Acquisition Agreement - effective until September 7, 2019	\$/kW	(0.0583)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0074)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019 Applicable only for Non-Wholesale Market Participants	\$/kW	1.5910
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	0.0181
Low Voltage Rate Rider per Acquisition Agreement - effective until September 7, 2019	\$/kW	(0.0030)
Rate Rider for Application of Tax Change - in effect until the effective date of the next Cost of Service based Rate Order	\$/kW	0.0211
Retail Transmission Rate - Network Service Rate	\$/kW	2.4984
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3177
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)	\$	0.2500

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

### **UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION**

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, 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.

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	\$	15.49	
Rate Rider per Acquisition Agreement - effective until September 7, 2019	\$	(0.22)	
Distribution Volumetric Rate	\$/kWh	0.0087	
Low Voltage Service Rate	\$/kWh	0.0008	
Rate Rider per Acquisition Agreement - effective until September 7, 2019	\$/kWh	(0.0001)	
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	0.0043	
Rate Rider for Application of Tax Change - in effect until the effective date of the next Cost of Service based Rate Order	\$/kWh	0.0002	
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062	
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0033	
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)	\$	0.2500	

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

### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are 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.

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	\$	6.53
Rate Rider per Acquisition Agreement - effective until September 7, 2019	\$	(0.09)
Distribution Volumetric Rate	\$/kW	19.4330
Low Voltage Service Rate	\$/kW	0.2407
Rate Rider per Acquisition Agreement - effective until September 7, 2019	\$/kW	(0.2862)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	1.6907
Low Voltage Rate Rider per Acquisition Agreement - effective until September 7, 2019	\$/kW	(0.0024)
Rate Rider for Application of Tax Change - in effect until the effective date of the next Cost of Service based Rate Order	\$/kW	0.2079
Retail Transmission Rate - Network Service Rate	\$/kW	1.8938
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0399
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)	\$	0.2500

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

### STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved 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.

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 connection)	\$	1.97
Rate Rider per Acquisition Agreement - effective until September 7, 2019	\$	(0.03)
Distribution Volumetric Rate	\$/kW	7.4269
Low Voltage Service Rate	\$/kW	0.2358
Rate Rider per Acquisition Agreement - effective until September 7, 2019	\$/kW	(0.1094)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0074)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	1.4765
Low Voltage Rate Rider per Acquisition Agreement - effective until September 7, 2019	\$/kW	(0.0024)
Rate Rider for Application of Tax Change - in effect until the effective date of the next Cost of Service based Rate Order	\$/kW	0.0655
Retail Transmission Rate - Network Service Rate	\$/kW	1.8842
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0187
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)	\$	0.2500

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

### EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an electricity distributor licensed by the Ontario Energy Board, and provided electricity by means of Norfolk Power Distribution Inc.'s distribution facilities. 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.

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 connection)	\$	616.86		
Rate Rider per Acquisition Agreement - effective until September 7, 2019	\$	(9.09)		
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0074)		
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	0.0043		
Retail Transmission Rate - Network Service Rate	\$/kW	0.0000		
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.0000		
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)	\$	0.2500		

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

### 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
ALLOWANCES		

ALLOTTAITOLO	
Transformer Allowance for Ownership - per kW of hilling demand/month	

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

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

### 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.

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.

Customer Administration		
Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post-dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement Letter	\$	15.00
Income tax letter	\$	15.00
Notification charge	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned Cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Legal letter charge	\$	15.00
Account set up charge / change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
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		
Service call - customer owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Specific charge for access to the power poles - \$/pole/year	\$	22.35
(with the exception of wireless attachments)		

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

### 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

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	1.0564
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0564
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0464
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0464

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

EB-2017-0050

### RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate 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.

MONTHET KATED AND CHARGED DENVERY COMPONENT		
Service Charge	\$	23.16
Rate Rider per Hydro One Network's Acquisition Agreement - effective until October 30, 2020	\$	(0.23)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Recovery of Smart Meter Incremental Revenue Requirement - in effect until the effective date of the next cost of service based rate order	\$	0.64
Distribution Volumetric Rate	\$/kWh	0.0089
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019 Applicable only for Class B Customers	\$/kWh	0.0003
Rate Rider for Recovery of Incremental Capital - in effect until the effective date of the next cost of service based rate order	\$/kWh	0.0008
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.0036
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0026)
Rate Rider per Hydro One Network's Acquisition Agreement - effective until October 30, 2020	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0064
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)	\$	0.2500

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

### GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non residential account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. 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	\$	25.19
Rate Rider per Hydro One Networks' Acquisition Agreement - effective until October 30, 2020	\$	(0.25)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Recovery of Smart Meter Incremental Revenue Requirement - in effect until the effective date of the next cost of service based rate order	\$	4.24
Distribution Volumetric Rate	\$/kWh	0.0145
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019 Applicable only for Class B Customers	\$/kWh	0.0003
Rate Rider per Hydro One Networks' Acquisition Agreement - effective until October 30, 2020	\$/kWh	(0.0002)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.0036
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0026)
Rate Rider for Recovery of Incremental Capital - in effect until the effective date of the next cost of service based rate order	\$/kWh	0.0007
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0060
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)	\$	0.2500

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

### **GENERAL SERVICE 50 TO 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 1,000 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.

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 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		\$	139.96
Rate Rider per Hydro One Networks' Acquisition	Agreement - effective until October 30, 2020	\$	(1.40)
Distribution Volumetric Rate		\$/kW	2.5777
Rate Rider for Disposition of Capacity Based Rec Applicable only for Class B Customers	overy Account (2018) - effective until April 30, 2019	\$/kW	0.0939
Rate Rider per Hydro One Networks' Acquisition	Agreement - effective until October 30, 2020	\$/kW	(0.0258)
Rate Rider for Disposition of Global Adjustment A Applicable only for Non-RPP Customers	ccount (2018) - effective until April 30, 2019	\$/kWh	0.0036
Rate Rider for Disposition of Deferral/Variance A Applicable only for Non-Wholesale Market Pa	. ,	\$/kW	(1.5735)
Rate Rider for Disposition of Deferral/Variance A	ccounts (2018) - effective until April 30, 2019	\$/kW	0.6362
Rate Rider for Recovery of Incremental Capital - service based rate order	n effect until the effective date of the next cost of	\$/kW	0.3251
Retail Transmission Rate - Network Service Rate		\$/kW	2.7527
Retail Transmission Rate - Line and Transformati	on Connection Service Rate	\$/kW	2.5512
MONTHLY RATES AND CHARGES -	Regulatory Component		
Wholesale Market Service Rate (WMS) - not incl	uding CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for	Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charg	ge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge	(if applicable)	\$	0.2500

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

### GENERAL SERVICE GREATER THAN 1,000 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, 1,000 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 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	\$	518.85
Rate Rider per Hydro One Networks' Acquisition Agreement - effective until October 30, 2020	\$	(5.19)
Distribution Volumetric Rate	\$/kW	2.7398
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019 Applicable only for Class B Customers	\$/kW	0.1021
Rate Rider per Hydro One Networks' Acquisition Agreement - effective until October 30, 2020	\$/kW	(0.0274)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.0036
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(1.1587)
Rate Rider for Recovery of Incremental Capital - in effect until the effective date of the next cost of service based rate order	\$/kW	0.4795
Retail Transmission Rate - Network Service Rate	\$/kW	2.7527
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.5512
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)	\$	0.2500

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

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, 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.

Service Charge	\$	10.53
Rate Rider per Hydro One Networks' Acquisition Agreement - effective until October 30, 2020	\$	(0.11)
Distribution Volumetric Rate	\$/kWh	0.0122
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019 Applicable only for Class B Customers	\$/kWh	0.0003
Rate Rider per Hydro One Networks' Acquisition Agreement - effective until October 30, 2020	\$/kWh	(0.0001)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.0036
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0026)
Rate Rider for Recovery of Incremental Capital - in effect until the effective date of the next cost of service based rate order	\$/kWh	0.0008
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0060
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)	\$	0.2500

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

### STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved 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.

Service Charge	\$	3.09
Rate Rider per Hydro One Networks' Acquisition Agreement - effective until October 30, 2020	\$	(0.03)
Distribution Volumetric Rate	\$/kW	12.4552
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019 Applicable only for Class B Customers	\$/kW	0.0915
Rate Rider per Hydro One Networks' Acquisition Agreement - effective until October 30, 2020	\$/kW	(0.1246)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.0036
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.9190)
Rate Rider for Recovery of Incremental Capital - in effect until the effective date of the next cost of service based rate order	\$/kW	0.2187
Retail Transmission Rate - Network Service Rate	\$/kW	2.0316
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8830
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)	\$	0.2500

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

### 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

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

### **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

### **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.

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.

Customer	Administration

Notification charge \$	15.00
Returned cheque (plus bank charges) \$	15.00
Legal letter charge \$	15.00
Account set up charge / change of occupancy charge (plus credit agency costs if applicable)	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct) \$	30.00
Statement of account \$	15.00
Account history \$	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
Disconnect/reconnect at meter - during regular hours \$	65.00
Disconnect/reconnect at meter - after regular hours \$	185.00
Install /remove load control device - during regular hours \$	65.00
Install /remove load control device - after regular hours \$	185.00
Other	
Special meter reads \$	30.00
Specific charge for access to the power poles - \$/pole/year \$	22.35
(with the exception of wireless attachments)	

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

### 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.

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	1.0431
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0326
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0044