



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

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**DECISION AND RATE ORDER**

**EB-2016-0080**

**HYDRO ONE BRAMPTON NETWORKS INC.**

**Application for an order approving just and reasonable rates and other charges for electricity distribution to be effective January 1, 2017.**

**By Delegation, Before: Lynne Anderson**

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**December 8, 2016**

# 1 INTRODUCTION AND SUMMARY

This is the Decision and Rate Order for Hydro One Brampton Networks Inc.'s Incentive Regulation Mechanism application for 2017 rates.

Hydro One Brampton Networks Inc. (Hydro One Brampton) serves about 154,000 mostly residential and commercial electricity customers in City of Brampton. The company is seeking the Ontario Energy Board's approval for the rates it charges to distribute electricity to its customers, as is required of licenced and rate-regulated distributors in Ontario.

Distributors may choose one of three Ontario Energy Board (OEB) rate-setting methods. Hydro One Brampton has selected the Price Cap Incentive rate setting (Price Cap IR) option that has a five-year term. Rates are set through a cost of service rebasing application for the first year and are adjusted mechanistically through an Incentive Regulation Mechanism (IRM application) for each of the ensuing four years. The price cap adjustment is based on inflation and the OEB's assessment of a distributor's efficiency.

Hydro One Brampton filed an IRM application with the OEB on August 15, 2017 to seek approval for changes to its distribution rates to be effective January 1, 2017. Hydro One Brampton last appeared before the OEB with a cost of service application for 2015 in the EB-2014-0083 proceeding.

The OEB addresses the following issues with respect to Hydro One Brampton's IRM application in this Decision and Rate Order.

- Price Cap Adjustment
- Regulatory Charges
- Revenue to Cost Ratio Adjustments
- Retail Transmission Service Rates
- Group 1 Deferral and Variance Accounts
- Lost Revenue Adjustment Mechanism Variance Account Balance
- Residential Rate Design
- Implementation and Order

Hydro One Brampton applied for a rate increase of 1.60% in accordance with the OEB-approved 2017 parameters for inflation and productivity. The 1.60% price cap adjustment applies to distribution rates (fixed and variable charges) uniformly across all customer classes; it does not apply to the rates and charges listed in Schedule B.

Hydro One Brampton also applied to change the composition of its distribution service rates. Residential distribution service rates currently include a fixed monthly charge and a variable usage charge. Last year, the OEB issued a policy to transition these rates to a fully fixed structure over a four-year period beginning in 2016.<sup>1</sup> Accordingly, the fixed monthly charge for 2017 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.

This Decision on Hydro One Brampton's IRM application will result in a monthly decrease of \$2.39 for a residential customer consuming 750 kWh.

The OEB approves the adjustments made to Hydro One Brampton's application, and the associated rates calculated, as a result of this proceeding.

## 2 THE PROCESS

The OEB follows a standard, streamlined process for IRM applications under Price Cap IR.

The OEB first prepares a rate model that includes information from past proceedings and annual reporting requirements. The distributor then reviews and updates the model and includes it with its application.

On August 15, 2017, Hydro One Brampton submitted its IRM application supported by written evidence and a completed rate model. Questions were asked and answers were provided by Hydro One Brampton through emails and phone calls. Based on this information, a decision was drafted and provided to Hydro One Brampton on November 28, 2016. Hydro One Brampton was given the opportunity to provide its comments on the draft for consideration prior to finalizing this Decision.

## 3 ORGANIZATION OF THE DECISION

The OEB has organized this Decision into sections to reflect the issues that were considered in making its findings.<sup>2</sup> Each section outlines the OEB's reasons for approving or denying the proposals included in the application and affecting 2017 rates.

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

<sup>2</sup> See list of issues in the Introduction, p.1

The last section addresses the steps to implement the final rates that flow from this Decision.

## 4 PRICE CAP ADJUSTMENT

The price cap adjustment follows an OEB-approved formula that includes annually updated components for inflation and the OEB's expectations of efficiency and productivity gains.<sup>3</sup> The formula is an *inflation minus X-factor* rate adjustment, which is intended to incent innovation and efficiency. The OEB has set the inflation factor for 2017 rates at 1.9% based on its established formula.<sup>4</sup>

The X-factors for individual distributors have two parts: a productivity element established from a historical analysis of industry cost performance; and a stretch factor based on a distributor's efficiency relative to its expected costs. Subtracting the X-factor from inflation ensures that rates decline in real, constant-dollar terms, providing distributors an incentive to improve efficiency or else experience declining net income.

Based on industry conditions over the historical study period, the productivity factor has been set at zero percent. A stretch factor is assigned based on the distributor's total cost performance as benchmarked relative to other distributors in Ontario. For Price Cap IR applications, a range of stretch factors has been set from 0.0% to 0.6%.<sup>5</sup> The most efficient distributor, based on the cost evaluation ranking, would be assigned the lowest stretch factor of 0.0%. Higher stretch factors are applied to distributors in accordance with their cost performance relative to expected levels, to reflect the incremental productivity gains that distributors are expected to achieve.

### Findings

The OEB assigned Hydro One Brampton a stretch factor of 0.30% based on the updated benchmarking study for use for rates effective in 2017.<sup>6</sup> The resulting net price cap adjustment for Hydro One Brampton is 1.60% (i.e. 1.9% - (0% + 0.30%)).

The 1.60% adjustment applies to distribution rates (fixed and variable charges) uniformly across all customer classes; it does not apply to the rates and charges listed in Schedule B.

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<sup>3</sup> Report on Rate Setting Parameters and Benchmarking under the Renewed Regulatory Framework for Ontario's Electricity Distributors (December 4, 2013)

<sup>4</sup> As outlined in the Report cited at footnote 3 above

<sup>5</sup> Report to the Ontario Energy Board – "Empirical Research in Support of Incentive Rate-Setting: 2015 Benchmarking Update." Pacific Economics Group LLC. July 2016

<sup>6</sup> As outlined in the Report cited at footnote 5 above

## 5 REGULATORY CHARGES

Customers are charged a number of fees to cover the costs associated with various programs and wholesale market services.

The Rural or Remote Electricity Rate Protection (RRRP) program is designed to provide financial assistance to eligible customers located in rural or remote areas where the cost of providing electricity service, and therefore the rates, greatly exceeds those elsewhere in the province of Ontario. The RRRP program cost is recovered from all electricity customers in the province through a charge that is reviewed annually and approved by the OEB.

Wholesale market service (WMS) charges recover the cost of the services provided by the Independent Electricity System Operator (IESO) to operate the electricity system and administer the wholesale market. These charges may include costs associated with: operating reserve, system congestion and imports, and losses on the IESO-controlled grid. Individual electricity distributors recover the WMS charges from their customers through the WMS rate.

The Ontario Electricity Support Program (OESP) is a program to deliver on-bill rate assistance to low income electricity customers. All Ontario customers contribute to the OESP through the OESP charge.

These three regulatory charges are components of the Regulatory Charge on customers' bill and are established annually by the OEB through a separate order.

### Findings

As of the date of this Decision and Rate Order, the OEB has not yet issued an order on the RRRP, WMS or OESP charges for 2017. The Tariff of Rates and Charges flowing from this Decision will reflect the currently-approved charges. When new charges are established for 2017, the OEB will issue a rate order, which will apply to Hydro One Brampton's 2017 rates.

## 6 REVENUE-TO-COST RATIO ADJUSTMENTS

Revenue-to-cost ratios measure the relationship between the revenues expected from a class of customers and the level of costs allocated to that class. The OEB has established target ratio ranges for electricity distributors<sup>7</sup> to reflect the expectation that

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<sup>7</sup> Application of Cost Allocation for Electricity Distributors (November 28, 2007); and Review of Electricity Distribution Cost Allocation Policy (March 31, 2011)

each class will pay its respective costs of service, while considering any associated rate class impacts.

In general, increases to the revenue-to-cost ratios of one class will create decreases in other rate classes. Revenue-to-cost ratio adjustments are permitted through an IRM if they were pre-approved as part of a cost of service rebasing application.

In this application, Hydro One Brampton proposed to increase the revenue-to-cost ratio for the Distributed Generation rate class. The additional revenues from these adjustments would be used to reduce the revenue-to-cost ratio for General Service Less Than 50 kW customers.

These ratio adjustments are consistent with the ranges outlined in the OEB-approved Settlement Agreement in Hydro One Brampton's 2015 cost of service application EB-2014-0083.

The table below outlines the proposed revenue-to-cost ratios.

**Current and Proposed Revenue-to-Cost Ratio (%)**

<b>Rate Class</b>	<b>Current 2016 Ratio</b>	<b>Proposed 2017 Ratio</b>
RESIDENTIAL SERVICE CLASSIFICATION	0.96	0.96
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	1.20	1.20
GENERAL SERVICE 50 TO 699 KW SERVICE CLASSIFICATION	0.96	0.96
GENERAL SERVICE 700 TO 4,999 KW SERVICE CLASSIFICATION	1.20	1.20
LARGE USE SERVICE CLASSIFICATION	0.96	0.96
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.96	0.96
STREET LIGHTING SERVICE CLASSIFICATION	0.96	0.96
STANDBY POWER SERVICE CLASSIFICATION	1.00	1.00
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	1.00	1.00
DISTRIBUTED GENERATION [DGEN] SERVICE CLASSIFICATION	0.70	0.85
ENERGY FROM WASTE SERVICE CLASSIFICATION	1.00	1.00

**Findings**

The OEB agrees that the proposed revenue-to-cost ratios are consistent with the decision arising from the 2015 cost of service proceeding and approves the revenue-to-cost ratios as filed.

**7 RETAIL TRANSMISSION SERVICE RATES**

Electricity distributors use Retail Transmission Service Rates (RTSRs) to pass along the cost of transmission service to their distribution customers. The RTSRs are adjusted annually to reflect the revised costs as calculated by the application of the current

Uniform Transmission Rates (UTRs) to historical transmission deliveries. The UTRs are established annually by a separate OEB order. Partially embedded distributors, such as Hydro One Brampton, must also adjust their RTSRs to reflect any changes to the applicable RTSRs of their host distributor, which in this case is Hydro One Networks Inc. Distributors may apply to the OEB annually to approve the RTSRs they propose to charge their customers.

## Findings

The OEB approves the RTSRs as adjusted in this application to reflect current applicable rates. As is typical for distributors whose rates are set as of January 1, these RTSRs are based on previous year's rates as the OEB has not yet adjusted UTRs and Hydro One sub-transmission class rates for 2017. The differences between the previous and the new 2017 RTSRs, once approved, will be captured in Accounts 1584 and 1586 for future disposition.

## 8 GROUP 1 DEFERRAL AND VARIANCE ACCOUNT BALANCES

### Deferral and Variance Accounts

Group 1 deferral and variance accounts (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.

The OEB's policy<sup>8</sup> is to review and dispose of the distributor's Group 1 account balances if they exceed (as a debit or credit) the pre-set disposition threshold of \$0.001 per kWh during the IR plan term. The distributor must justify why any account balance in excess of the threshold should not be disposed. The distributor may dispose of balances below this threshold if its proposal to do so is justified.

Hydro One Brampton's 2015 actual year-end total balance for Group 1 accounts including interest projected to December 31, 2016 is a credit of \$4,037,909. This amount represents a total credit claim of \$0.0010 per kWh, which meets the preset

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<sup>8</sup> Report of the Board on Electricity Distributors' Deferral and Variance Account Review Initiative (July 31, 2009)

disposition threshold. Hydro One Brampton proposes to dispose of this credit amount over a one-year period.

The Group 1 balance includes a Global Adjustment (GA) account balance of \$9,633,910. Ontario electricity customers' costs for the commodity portion of their electricity service reflect the sum of two charges: the price of electricity established by the operation of the IESO administered wholesale market, and the GA. The GA charge consists of the difference between the market price and the rates paid to regulated and contracted generators, and conservation and demand management (demand response) program costs. The GA is established monthly and varies in accordance with market conditions.

Most customers pay the GA charge based on the amount of electricity they consume in a month (kWh); these customers are referred to as Class B. Customers who participate in the Industrial Conservation Initiative, are referred to as Class A. The costs for the GA are recovered from Class A and Class B customers in different ways:

- Class A customers are assessed GA costs through a peak demand factor that is based on the percentage their demand contributes to the top five Ontario system peaks. This factor determines a Class A customer's allocation for a year-long billing period that starts in July every year. Distributors settle with Class A customers billed based on the actual GA costs resulting in no variance.
- Class B customers are billed GA based on an IESO published GA price. For Class B customers, distributors track any difference between the billed amounts and actual costs in the GA Variance Account for disposal, once audited.

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

Hydro One Brampton proposed the recovery of the Global Adjustment variance account balance of \$9,633,910 as at December 31, 2015, including interest to December 31, 2016, as follows:

- \$9,140,086 from customers who were Class B customers for the entire period from January 2014 to December 2015, through a kWh rate rider,
- \$493,824 from customers formerly in Class B during the period January 2014 to July 2015 who were reclassified to Class A; to be disposed through a one-time settlement or 12 equal payments,

The Group 1 balance also includes the recovery of Capacity Based Recovery (CBR) costs related to Demand Response (DR) providers contracted under the wholesale energy market Demand Response 3 (DR3) program. Hydro One Brampton paid CBR charges to the IESO in 2015 and recorded these to a dedicated sub-account. The disposition of this sub-account is impacted by whether or not a distributor had any customers who were part of Class A during the period from January 2014 to December 2015.

In this application, Hydro One Brampton, had customers who were part of Class A during the period from January 2014 to December 2015 so it requested that the balance of this account be disposed through a separate kWh rate rider for Class B customers in order to ensure proper allocation between Class A and Class B customers.

As some of the customers were reclassified between Class A and Class B during the period from January 2014 to December 2015, Hydro One Brampton has requested an additional kWh rate rider be established to recover a portion of CBR Class B costs from these customers.

The balances proposed for disposition show a discrepancy from the amounts reported as part of the OEB's *Reporting and Record-Keeping Requirements* (RRR). The differences to principle and interest of the Account 1580 Sub-Accounts CBR Class and Class B totalling \$85,841 reflect a payment made in January 2016 for the December 2015 load month<sup>9</sup>.

## Findings

The OEB accepts Hydro One Brampton's explanation for the discrepancy. The OEB approves the disposition of a credit balance of \$4,037,909 as of December 31, 2015, including interest projected to December 31, 2016 for Group 1 accounts.

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

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<sup>9</sup> EB-2016-0080, Exhibit 2, Tab 7, Schedule 2, p. 1

**Group 1 Deferral and Variance Account Balances**

<b>Account Name</b>	<b>Account Number</b>	<b>Principal Balance (\$) A</b>	<b>Interest Balance (\$) B</b>	<b>Total Claim (\$) C=A+B</b>
LV Variance Account	1550	402,477	(8,296)	410,744
Smart Meter Entity Variance Charge	1551	(118,862)	(2,600)	(121,462)
RSVA - Wholesale Market Service Charge	1580	(9,329,740)	(111,604)	(9,441,344)
Variance WMS - Sub-account CBR Class B	1580	964,946	11,427	976,373
RSVA - Retail Transmission Network Charge	1584	(496,717)	2,768	(493,949)
RSVA - Retail Transmission Connection Charge	1586	417,474	13,891	431,365
RSVA - Power	1588	(5,313,869)	(119,678)	(5,433,547)
RSVA - Global Adjustment	1589	9,450,912	182,998	9,633,910
<b>Total Group 1 Excluding Global Adjustment - Account 1589</b>		(13,474,291)	(197,498)	(13,671,819)
<b>Total Group 1 Excluding Global Adjustment - Account 1589 and Sub-account CBR Class B</b>		(14,439,267)	(208,925)	(14,648,193)
<b>Total Group 1</b>		(4,023,409)	(14,500)	(4,037,909)

The balance of each Group 1 account 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*, effective January 1, 2012. 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 Brampton should ensure these adjustments are included in the reporting period ending March 31, 2017 (Quarter 1).

The OEB approves these balances to be disposed through the following rate riders/charges/payments:

- Deferral and Variance Account Balances (excluding Global Adjustment and Class B Capacity Based Recovery) Rate Rider
- Class B Global Adjustment Rate Rider
- Reclassified Class A/B Global Adjustment Charge/Payment
- Class B Capacity Based Recovery kWh Rate Rider
- Reclassified Class A/B Capacity Based Recovery kWh Rate Rider

The rate riders will be in effect over a one-year period from January 1, 2017 to December 31, 2017.

### *Global Adjustment*

Implicit in this approval, the OEB approves the proposed disposition of the GA debit balance of \$493,824 relating to the customers who were reclassified between Classes A and B. This amount, as of December 31, 2015 and including interest projected to December 31, 2016, will be recovered as part of Group 1 account disposition through a separate charge/payment.

In accordance with EDDVAR, this balance is to be disposed over a one year period from January 1, 2017 to December 31, 2017.

For customer-specific GA amounts, it is generally expected that distributors settle the amount through 12 equal adjustments to bill. The OEB accepts Hydro One Brampton's proposal to dispose of these amounts with a one-time settlement for those customers indicating a preference for a one time payment. The remaining customers will be settled through equal monthly bill adjustments. The OEB approves the following customer-specific principal and interest amounts to be disposed.

**Customer-Specific GA Disposition**

<b>Customer</b>	<b>Customer specific GA allocation for the period prior to becoming Class A</b>	<b>Monthly Equal Payments</b>
1	\$80,447	\$6,704
2	\$81,196	\$6,766
3	\$81,375	\$6,781
4	\$62,710	\$5,226
5	\$77,196	\$6,433
6	\$55,819	\$4,652
7	\$55,081	\$4,590
	\$493,824	

## **9 THE LOST REVENUE ADJUSTMENT MECHANISM VARIANCE ACCOUNT BALANCE**

As part of the Ministry of Energy's conservation-first strategy, the OEB requires distributors to engage in and deliver conservation and demand management (CDM) activities to reduce total energy consumption. The OEB policy<sup>10</sup> established a Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) to capture the distributor's revenue implications resulting from differences between actual demand and the last OEB-approved load forecast. These differences are to be recorded by distributors at the rate class level.

A distributor may apply for the disposition of the balance in the LRAMVA on an annual basis, as part of its IRM rate application, if the balance is deemed significant by the distributor. In the event that a distributor wishes to include a request for lost revenues from demand response programs as part of the LRAMVA, it must do so as part of a cost of service application.<sup>11</sup>

Hydro One Brampton requested disposition of its LRAMVA balance for the year ending December 31, 2015 of a debit of \$902,321, consisting of lost revenues from conservation and demand management programs in 2013, 2014 and 2015, and their persistence through this period.

<sup>10</sup> Guidelines for Electricity Distributor Conservation and Demand Management (EB-2012-0003, dated April 26, 2012)

<sup>11</sup> Report of the Ontario Energy Board; Updated Policy for the Lost Revenue Adjustment Mechanism Calculation: Lost Revenues and Peak Demand Savings from Conservation and Demand Management Programs (EB-2016-0182, dated May 19, 2016)

The LRAMVA thresholds which were used by Hydro One Brampton in this LRAMVA recovery application are based upon both the 2011 Cost of Service Application (EB-2010-0132) for 2013 and 2014 calculations of lost revenues, and the 2015 Cost of Service Application (EB- 0014-0083) for 2015 lost revenue calculations.

Hydro One Brampton requested and was granted disposition of its 2012 LRAMVA balance in its 2015 cost of service application (EB-2014-0083). Persistence of 2011 and 2012 program results was captured in the load forecast that was part of the 2015 cost of service rate case. The load forecast drew on actual data up to 2013, and there is thus no claim being made for programs or their persistence from 2011 or 2012.

Hydro One Brampton's LRAMVA claim contained adjustments made by the IESO to its reported savings in 2013. Hydro One Brampton requested OEB approval for any lost revenue due to future adjustments made by the IESO to the reported results for the years 2014 and 2015 in future LRAMVA applications, should such adjustments occur.

## Findings

Hydro One Brampton's LRAMVA balance has been calculated in accordance with the CDM Guidelines and updated LRAMVA policy. The OEB had not yet approved the disposition of the balance in Account 1568 LRAMVA for the year ending 2013, therefore any adjustments to the savings from the IESO can be recorded in the LRAMVA account for disposition.

Hydro One Brampton asked that the OEB permit future adjustments to the LRAMVA for the years 2014 and 2015. In the draft Decision and Order Hydro One Brampton was given the opportunity to withdraw its request to dispose of the 2015 balance if further adjustments are expected to CDM savings. Once the balance is approved for disposition, future adjustments would give rise to an issue of rate retroactivity and therefore would generally not be permitted. Hydro One Brampton did not withdraw its request.

The OEB approves Hydro One Brampton's LRAMVA disposition of a debit of \$902,321 as filed for the year ending December 31, 2015.

**LRAMVA Claim**

<b>Account Name</b>	<b>Account Number</b>	<b>Actual CDM Savings (\$) A</b>	<b>Forecasted CDM Savings (\$) B</b>	<b>Carrying Charges (\$) C</b>	<b>Total Claim (\$) D=(A-B)+C</b>
LRAMVA	1568	\$1,666,836	\$787,787	\$23,272	\$902,321

**10 RESIDENTIAL RATE DESIGN**

All residential distribution rates currently include a fixed monthly charge and a variable usage charge. The OEB residential rate design policy<sup>12</sup> stipulates that electricity distributors will transition residential customers to a fully fixed monthly distribution service charge over a four year period starting in 2016. This year's IRM applications are once again required to adjust the distribution rates to increase the fixed charge and decrease the variable charge consistent with the policy.

The OEB expects the applicant to apply two tests to evaluate whether mitigation (generally a lengthening of the transition period) for customers in the transition is required. 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.

Hydro One Brampton's implementation of the transition results in an increase to the fixed charge prior to the price cap adjustment of \$3.04. 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 increases to the monthly fixed charge and to low consumption residential consumers are below the thresholds set in the OEB policy and approves the increase as proposed by the applicant and calculated in the final rate model.

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<sup>12</sup> Ibid page 2

## 11 RENEWABLE GENERATION CONNECTION PROVINCIAL PAYMENT

Under section 79.1 of the Ontario Energy Board Act, 1998 (the “Act”), the Ontario Energy Board (the “Board”), in approving just and reasonable rates for a distributor that incurs costs to make an eligible investment for the purpose of connecting or enabling the connection of a qualifying generation facility to its distribution system, shall provide rate protection for prescribed consumers or classes of consumers in the distributor's service area by reducing the rates that would otherwise apply in accordance with the prescribed rules.

Ontario Regulation 330/09 states that the rate protection amount is to be collected by the Independent Electricity System Operator (“IESO”) from all electricity market participants. The Regulation requires the OEB to determine the monthly amount to be collected by the IESO such that the total amount that is to be collected is equal to the total amount of rate protection that is to be provided. In its Decision and Order in Hydro One Brampton’s 2015 cost of service proceeding (EB-2014-0083), the OEB approved Hydro One Brampton’s request for renewable generation investments and the amount of provincial benefits to be collected over the five-year term of its distribution system plan.

Consistent with its distribution system plan, Hydro One Brampton is requesting to collect \$89,491, or \$7,458 per month in 2017 from the IESO for its eligible renewable generation investments.

### Provincial Benefits for Eligible Renewable Generation Investments Under O. Reg 330/09 in 2017<sup>13</sup>

Description		
Renewable Enabling Improvement Investments	\$68,512	\$5,709
Renewable Expansion Investments	\$20,979	\$1,748
<b>Total Recovery</b>	<b>\$89,491</b>	<b>\$7,458</b>

### Findings

The OEB finds that Hydro One Brampton’s calculation of monthly payments from the IESO for its eligible renewable generation investments have been calculated in a manner consistent with the amounts approved in its 2015 cost of service proceeding.

<sup>13</sup> EB-2014-0083 Chapter 2 Appendices, January 12, 2015, App. 2-FB and App. 2-FC

The OEB approves the monthly amount of \$7,458 to be included for payment by the IESO.

## 12 IMPLEMENTATION AND ORDER

### Rate Model

This Decision and Rate Order is accompanied by a rate model, applicable supporting models and a Tariff of Rates and Charges (Schedule A). Entries in the models were reviewed to ensure that they are in accordance with Hydro One Brampton's EB-2014-0083 cost of service decision, the 2016 OEB-approved Tariff of Rates and Charges as well as the cost, revenue and consumption results from 2015 as reported by Hydro One Brampton to the OEB. The rate model was adjusted, where applicable, to correct any discrepancies.

### THE ONTARIO ENERGY BOARD ORDERS THAT

1. The Tariff of Rates and Charges set out in Schedule A of this Decision and Rate Order is approved effective January 1, 2017 for electricity consumed or estimated to have been consumed on and after such date. Hydro One Brampton Networks Inc. shall notify its customers of the rate changes no later than the delivery of the first bill reflecting the new rates.

### ADDRESS

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Attention: Board Secretary

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**DATED** at Toronto, December 8, 2016

**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-2016-0080**

**DATED: December 8, 2016**

# Hydro One Brampton Networks Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

EB-2016-0080

### RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account where the electricity is supplied exclusively to single-family dwelling units for domestic or household purposes, including seasonal occupancy. This includes, but is not limited to, detached houses, one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex 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 Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	17.64
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0080
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0049
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until December 31, 2017	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	(0.0038)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kWh	0.0005
Rate Rider for Disposition of CBR Class B (2017) - effective until December 31, 2017	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0074
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**Hydro One Brampton Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**  
**This schedule supersedes and replaces all previously**  
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EB-2016-0080

## ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

In addition to the charges specified on page 1 of this tariff of rates and charges, the following credits are to be applied to eligible residential customers.

### APPLICATION

The application of the charges are in accordance with the Distribution System Code (Section 9) and subsection 79.2(4) of the Ontario Energy Board Act, 1998.

The application of these 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.

In this class:

“Aboriginal person” includes a person who is a First Nations person, a Métis person or an Inuit person;

“account-holder” means a consumer who has an account with a distributor that falls within a residential-rate classification as specified in a rate order made by the Ontario Energy Board under section 78 of the Act, and who lives at the service address to which the account relates for at least six months in a year;

“electricity-intensive medical device” means an oxygen concentrator, a mechanical ventilator, or such other device as may be specified by the Ontario Energy Board;

“household” means the account-holder and any other people living at the accountholder’s service address for at least six months in a year, including people other than the account-holder’s spouse, children or other relatives;

“household income” means the combined annual after-tax income of all members of a household aged 16 or over;

### MONTHLY RATES AND CHARGES

#### Class A

(a) account-holders with a household income of \$28,000 or less living in a household of one or two persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of three persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of five persons;  
and

(d) account-holders with a household income of between \$48,001 and \$52,000 living in a household of seven or more persons;

but does not include account-holders in Class E.

OESP Credit

\$ (30.00)

#### Class B

(a) account-holders with a household income of \$28,000 or less living in a household of three persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of four persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons;

but does not include account-holders in Class F.

OESP Credit

\$ (34.00)

**Hydro One Brampton Networks Inc.**  
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**Class C**

(a) account-holders with a household income of \$28,000 or less living in a household of four persons;  
 (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of five persons;  
 (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more persons;  
 but does not include account-holders in Class G.  
 OESP Credit

\$ (38.00)

**Class D**

(a) account-holders with a household income of \$28,000 or less living in a household of five persons; and  
 (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of six persons;  
 but does not include account-holders in Class H.  
 OESP Credit

\$ (42.00)

**Class E**

Class E comprises account-holders with a household income and household size described under Class A who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;  
 (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or  
 (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit

\$ (45.00)

**Class F**

- (a) account-holders with a household income of \$28,000 or less living in a household of six or more persons;  
 (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of seven or more persons; or  
 (c) account-holders with a household income and household size described under Class B who also meet any of the  
 i. the dwelling to which the account relates is heated primarily by electricity;  
 ii. the account-holder or any member of the account-holder's household is an Aboriginal person; or  
 iii. the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit

\$ (50.00)

**Class G**

Class G comprises account-holders with a household income and household size described under Class C who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;  
 (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or  
 (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit

\$ (55.00)

**Hydro One Brampton Networks Inc.**  
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EB-2016-0080

**Class H**

Class H comprises account-holders with a household income and household size described under Class D who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person ; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (60.00)

**Class I**

Class I comprises account-holders with a household income and household size described under paragraphs (a) or (b) of Class F who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (75.00)

# Hydro One Brampton Networks Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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### GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk metered) shall normally be classified as general service. Where service is provided to combined residential and business, or residential and agricultural, whether seasonal or all-year premises, and the wiring does not provide for separate metering, the service shall normally be classed as general service. 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 Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	25.12
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0167
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0049
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until December 31, 2017	\$/kWh	0.0014
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	(0.0038)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kWh	0.0005
Rate Rider for Disposition of CBR Class B (2017) - effective until December 31, 2017	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Hydro One Brampton Networks Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

EB-2016-0080

### GENERAL SERVICE 50 TO 699 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 700 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 Global Adjustment and the HST.

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	125.33
Distribution Volumetric Rate	\$/kW	2.8387
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0049
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until December 31, 2017	\$/kW	0.0753
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	(1.3502)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kW	0.1771
Rate Rider for Disposition of CBR Class B (2017) - effective until December 31, 2017	\$/kW	0.1027
Retail Transmission Rate - Network Service Rate	\$/kW	2.5604
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9177

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Hydro One Brampton Networks Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

EB-2016-0080

### GENERAL SERVICE 700 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, 700 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 Class B WMS – Sub-account CBR (2017) is not applicable to wholesale market participants (WMP) and customers that transitioned between Class A and Class B in 2015. These transition customers are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied in accordance with a customer's Class A or Class B classification as at December 31, 2015 and the above noted exception for 2015 transition customers, for the entire period to the sunset date of the rate rider.

The rate rider for the disposition of Global Adjustment (2017) is only applicable to non-RPP Class B customers. It is not applicable to WMP and customers that transitioned between Class A and Class B in the period of last Global Adjustment disposition to 2015. These transition customers are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied in accordance with a customer's Class A or Class B classification as at December 31, 2015 and the above noted exception for 2015 transition customers, for the entire period to the sunset date of the rate rider.

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 Global Adjustment and the HST.

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	1,130.84
Distribution Volumetric Rate	\$/kW	3.2953
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0049
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until December 31, 2017	\$/kW	0.0021
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017 Applicable only for Non-Wholesale Market Participants	\$/kW	(1.5808)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	0.0372

Issued December 8, 2016

**Hydro One Brampton Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**  
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**GENERAL SERVICE 700 TO 4,999 KW SERVICE CLASSIFICATION (cont'd)**

Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kW	0.2029
Rate Rider for Disposition of CBR Class B (2017) - Applicable only to Class B customers - effective until December 31, 2017	\$/kW	0.1137
Rate Rider for Disposition of CBR Class B (2017) - For Class A , formerly Class B - effective until December 31, 2017	\$/kW	0.0130
Retail Transmission Rate - Network Service Rate	\$/kW	2.8714
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0614

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Hydro One Brampton Networks Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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EB-2016-0080

### LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand over 12 consecutive months used for billing purposes is equal to or greater than 5,000 kW, or is forecast to be equal to or greater than 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

The rate rider for the disposition of Class B WMS – Sub-account CBR (2017) is not applicable to wholesale market participants (WMP) and customers that transitioned between Class A and Class B in 2015. These transition customers are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied in accordance with a customer's Class A or Class B classification as at December 31, 2015 and the above noted exception for 2015 transition customers, for the entire period to the sunset date of the rate rider.

The rate rider for the disposition of Global Adjustment (2017) is only applicable to non-RPP Class B customers. It is not applicable to WMP and customers that transitioned between Class A and Class B in the period of last Global Adjustment disposition to 2015. These transition customers are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied in accordance with a customer's Class A or Class B classification as at December 31, 2015 and the above noted exception for 2015 transition customers, for the entire period to the sunset date of the rate rider.

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 Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4,705.66
Distribution Volumetric Rate	\$/kW	2.4949
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0049
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until December 31, 2017	\$/kW	0.0407
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	(2.0206)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kW	0.2634
Rate Rider for Disposition of CBR Class B (2017) - Applicable only to Class B customers - effective until December 31, 2017	\$/kW	0.1602

**Hydro One Brampton Networks Inc.**  
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**LARGE USE SERVICE CLASSIFICATION (cont'd)**

Retail Transmission Rate - Network Service Rate	\$/kW	3.2499
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3826

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Hydro One Brampton Networks Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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EB-2016-0080

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	1.09
Distribution Volumetric Rate	\$/kWh	0.0198
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0049
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until December 31, 2017	\$/kWh	(0.0003)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	(0.0037)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kWh	0.0005
Rate Rider for Disposition of CBR Class B (2017) - effective until December 31, 2017	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Hydro One Brampton Networks Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

EB-2016-0080

### STREET LIGHTING SERVICE CLASSIFICATION

All service supplied to roadway lighting equipment owned by or operated by the City of Brampton, Regional Municipality of Peel, or the Ministry of Transportation, 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 Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	2.30
Distribution Volumetric Rate	\$/kW	11.5388
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0049
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until December 31, 2017	\$/kW	0.0388
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	(1.2356)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kW	0.1640
Rate Rider for Disposition of CBR Class B (2017) - effective until December 31, 2017	\$/kW	0.0940
Retail Transmission Rate - Network Service Rate	\$/kW	2.1319
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5966

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**Hydro One Brampton Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**  
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EB-2016-0080

## **STANDBY POWER SERVICE CLASSIFICATION**

This classification refers to an account that has Load Displacement Generation and requires the distributor to provide back-up service. Further servicing details are available in the distributor's Conditions of Service.

## **APPLICATION**

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

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

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

## **MONTHLY RATES AND CHARGES - Delivery Component - Approved on an Interim Basis**

Distribution Volumetric Rate	\$/kW	1.6780
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# Hydro One Brampton Networks Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

EB-2016-0080

### EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an electricity distributor licensed by the Ontario Energy Board, that is provided electricity by means of this distributor's 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 Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4,159.82
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0049
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	(0.0037)
Rate Rider for Disposition of CBR Class B (2017) - effective until December 31, 2017	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kW	2.8714
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0614

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Hydro One Brampton Networks Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

EB-2016-0080

### DISTRIBUTED GENERATION [DGEN] SERVICE CLASSIFICATION

This classification applies to a distributed generator that is not a microFIT or an Energy from Waste Generator and connected to the distributor's distribution system. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

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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 Global Adjustment and the HST.

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	103.97
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0049
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	(0.0037)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kWh	0.0005
Rate Rider for Disposition of CBR Class B (2017) - effective until December 31, 2017	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**Hydro One Brampton Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2016-0080

## **ENERGY FROM WASTE SERVICE CLASSIFICATION**

This classification applies to an electricity generation facility that is not covered by a microFIT or Distributed Generation classification which produces energy from combustion of consumer waste with the capability to generate over 4,000 KW. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

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

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

Service Charge	\$	63.09
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# Hydro One Brampton Networks Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

EB-2016-0080

### microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Independent Electricity System Operator's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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### ALLOWANCES

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

General Service less than 50 kW Classification	\$/kWh	(0.0032)
General Service 50 to 699 kW Classification	\$/kW	(0.6840)
General Service 700 to 4,999 kW Classification	\$/kW	(0.8515)
Primary Metering Allowance for transformer losses - applied to measured demand and energy	%	(1.00)

# Hydro One Brampton Networks Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

EB-2016-0080

### SPECIFIC SERVICE CHARGES

#### APPLICATION

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

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

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#### Customer Administration

Arrears certificate	\$	15.00
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
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	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
Special meter reads	\$	30.00
Special billing service (aggregation)	\$	125.00
Special billing service (sub-metering charge per meter)	\$	25.00

#### 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
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00
Disconnect/reconnection for >300 volts - during regular hours	\$	60.00
Disconnect/reconnection for >300 volts - after regular hours	\$	155.00

#### Other

Owner requested disconnection/reconnection - during regular hours	\$	120.00
Owner requested disconnection/reconnection - after regular hours	\$	155.00
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	22.35

# Hydro One Brampton Networks Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

EB-2016-0080

### RETAIL SERVICE CHARGES (if applicable)

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

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

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

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the 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	1.0341
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0239
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045

**Schedule B**

**To Decision and Rate Order**

**List of Rates and Charges Not Affected by the Price Cap or Annual IR Index**

**OEB File No: EB-2016-0080**

**DATED: December 8, 2016**

The following rates and charges are not affected by the Price Cap or Annual IR Index:

- Rate riders
- Rate adders
- Low voltage service charges
- Retail transmission service rates
- Wholesale market service rate
- Rural or remote electricity rate protection charge
- Standard supply service – administrative charge
- Ontario Electricity Support Program
- Transformation and primary metering allowances
- Loss factors
- Specific service charges
- microFIT charge
- Retail service charges