



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

DECISION AND RATE ORDER

EB-2016-0081

HYDRO ONE NETWORKS INC.

Application for electricity distribution rates and other charges
beginning January 1, 2017

BEFORE: **Ken Quesnelle**
Vice Chair and Presiding Member

Christine Long
Vice Chair and Member

Allison Duff
Member

December 21, 2016

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1. INTRODUCTION AND SUMMARY

This is a Decision and Rate Order of the Ontario Energy Board (OEB) on an application filed by Hydro One Networks Inc. (Hydro One) to change the distribution rates in 2017.

Hydro One owns and operates the largest electricity transmission and distribution system in Ontario. The transmission system is made up of a high voltage network of transmission lines, steel towers and equipment. The distribution system consists of a lower voltage network of distribution lines, poles and equipment throughout Ontario, primarily serving rural and remote areas. Its 122,000 km distribution system serves about 1.25 million customers and smaller electricity distributors. Hydro One applies for transmission rates and distribution rates separately.

The application for new distribution rates in 2017 was made pursuant to an earlier OEB decision¹ (the March 2015 decision) regarding a multi-year rate plan for Hydro One distribution. In the March 2015 decision, the OEB approved distribution rates for 2015 and a framework for setting rates in 2016 and 2017, subject to specific annual adjustments. The annual adjustments included: cost of capital updates, cost allocation model updates, revenue-to-cost ratio changes, and certain rate rider and service rate updates.

In addition to the annual adjustments, Hydro One proposed changes to its 2017 rates to comply with new OEB policies: the Cost Allocation Policy for the Street Lighting Rate Class, the continued implementation of the new Distribution Rate Design for Residential Electricity Customers and the increase in the funding for the Rural and Remote Rate Assistance Program (RRRP).

The OEB finds that the Hydro One's draft rate order is consistent with OEB policy and prior OEB decisions. The OEB has updated the draft rate order to incorporate the increase in the RRRP charge approved by the OEB on December 15, 2016 for all Ontario electricity distributors. The approved 2017 Tariff of Rates and Charges is attached to this Decision and Rate Order.

¹ Decision and Order EB-2013-0416, March 12, 2015

2. THE PROCESS

Hydro One applied for new 2017 distribution rates on October 22, 2016 and updated its application on November 18, 2016. The update includes the OEB's approved 2017 return on equity and short-term debt rates and Hydro One's update on its long-term debt issuances and forecast interest rates. Hydro One also included the final 2017 funding amount for the RRRP, in accordance with O. Reg 442/01, to calculate the revised monthly RRRP fixed charge credit for R2 class customers.

The OEB issued a Notice of Application on November 25, 2016. Two parties, Energy Probe Research Foundation (Energy Probe) and the Society of Energy Professionals were granted intervenor status.

The OEB provided intervenors and OEB staff the opportunity to submit comments on Hydro One's application and draft rate order.

On December 15, 2016, Energy Probe and OEB staff filed written comments and Hydro One filed a reply submission on December 16, 2016.

Hydro One also filed a draft 2017 Tariff of Rates and Charges with rates effective as of January 1, 2017.

3. 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 partially offset the relatively high cost of electricity distribution to eligible customers located in rural or remote areas of Ontario. The funding level is established by the government of Ontario and is recovered from all electricity customers in the province through a charge that is reviewed and set annually 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, as well as the costs of the IESO's Capacity Based Recovery (CBR) initiative. Individual electricity distributors recover the WMS charges from their customers through the WMS rate.

Distributors bill Class A customers their share of the actual CBR charge based on their contribution to peak demand. Accordingly, the WMS rate applied to these customers by distributors does not contain that portion of the WMS rate applicable to CBR. These regulatory charges are components of the Regulatory Charge on customers' bills and are established annually by the OEB through a separate order.

Findings

The OEB previously determined² that the RRRP charge for 2017 shall be \$0.0021 per kWh. The WMS rate used by rate-regulated distributors to bill their Class A customers shall continue to be \$0.0032 (EB-2016-0362). For Class B customers a CBR component of \$0.0004 per kWh kilowatt-hour is added to the WMS rate for a total of \$0.0036 per kWh kilowatt-hour.

These changes are effective January 1, 2017 for all distributors. The approved 2017 Tariff of Rates and Charges reflects these changes to the regulatory charges.

² Decision and Order EB-2016-0362, December 15, 2016

4. RATE ORDER

Hydro One filed a draft rate order to incorporate the OEB's March 2015 Decision and subsequent OEB policies and decisions. Intervenors and OEB staff were provided with the opportunity to review the draft rate order and file submissions.

Energy Probe generally supported the draft rate order, yet submitted it was unable to verify a few calculations due to missing information and incomplete tables. Energy Probe requested Hydro One file the missing information in reply submission. Energy Probe indicated that it would rely on OEB staff to verify any updated information filed by Hydro One. OEB staff supported the draft rate order and also identified missing information.

Hydro One filed a reply submission which provided the requested information that was missing. In particular, Hydro One provided bill impacts, updated to the cost of capital (with regard to the Hydro One Transmission application, EB-2016-0160) and also provided the explanatory note for Schedule 1.5.

Findings

The OEB approves the revised draft rate order. The OEB finds that Hydro One, in accordance with government policy, has correctly made the change to the Rural and Remote Rate Protection monthly fixed charge credit for its rural low density R2 residential customers.

The OEB finds that Hydro One correctly updated its cost of long term debt, set a 4.43%, and followed the OEB's cost of capital parameters as issued on October 27, 2016 to set its deemed cost of short-term debt and rate of return on equity.

The OEB has reviewed the information provided in support of Hydro One's 2017 draft rate order and proposed Tariff of Rates and Charges. The OEB has updated the Tariff of Rates and Charges for the increase in the 2017 RRRP charge, approved by the OEB on December 15, 2016, applicable to all Ontario electricity distributors. The OEB is satisfied that the approved Tariff of Rates and Charges attached to this Decision and Rate Order accurately reflects the OEB's EB-2013-0416 decision subsequent decision and policy updates.

As a result of this Decision and Rate Order, the total bill impact for a typical residential customer in Hydro One's R1 residential customer class, with an average monthly consumption of 750 kWh, is estimated to decrease by 1.2% or \$2.21 monthly.

5. ORDER

THE ONTARIO ENERGY BOARD ORDERS THAT:

1. The Tariff of Rates and Charges set out in Schedule A of this Rate Order will be final effective January 1, 2017.
2. The Tariff of Rates and Charges will apply to electricity consumed or estimated to have been consumed on and after January 1, 2017. 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.
3. Energy Probe shall submit their cost claim no later than January 9, 2017.
4. Hydro One shall file with the OEB and forward to Energy Probe, any objections to the claimed costs no later than January 16, 2017.
5. Energy Probe shall file with the OEB and forward to Hydro One, any responses to any objections for cost claims no later than January 20, 2016.
6. Hydro One shall pay the OEB's costs incidental to this proceeding upon receipt of the OEB's invoice.

DATED at Toronto December 21, 2016

ONTARIO ENERGY BOARD

Original Signed By

Kirsten Walli
Board Secretary

SCHEDULE A
RATE ORDER
HYDRO ONE NETWORKS INC.
EB-2016-0081
2017 TARIFF OF RATES AND
CHARGES
December 21, 2016

Hydro One 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-2016-0081

RESIDENTIAL SERVICE CLASSIFICATIONS

A year-round residential customer 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. All of the following criteria must be met:

1. Occupant represents and warrants to Hydro One Networks Inc. that for so long as he/she has year-round residential rate status for the identified dwelling, he/she will not designate another property that he/she owns as a year-round residence for purposes of Hydro One rate classification.
2. Occupier must live in this residence for at least four (4) days of the week for eight (8) months of the year and the Occupier must not reside anywhere else for more than three (3) days a week during eight (8) months of the year.
3. The address of this residence must appear on documents such as the occupant's electric bill, driver's licence, credit card invoice, property tax bill, etc.
4. Occupants who are eligible to vote in Provincial or Federal elections must be enumerated for this purpose at the address of this residence.

Seasonal Residential customer classification is defined as any residential service that does not meet residential year-round criteria. It includes dwellings such as cottages, chalets and camps.

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

Hydro One Networks' residential service area is sub-divided into three density zones according to the following:

- Urban Density Zone is defined as areas containing 3,000 or more customers with a line density of at least 60 customers per circuit kilometer.
- Medium Density Zone is defined as areas containing 100 or more customers with a line density of at least 15 customers per circuit kilometer.
- Low Density Zone is defined as areas other than Urban or Medium Density Zone.

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, it should be noted that 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.

Hydro One Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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EB-2016-0081

RESIDENTIAL SERVICE CLASSIFICATIONS

YEAR-ROUND URBAN DENSITY – UR

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	24.78
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	0.72
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Distribution Volumetric Rate	\$/kWh	0.0094
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kWh	(0.0003)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0067
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0047

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate – not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

YEAR-ROUND MEDIUM DENSITY – R1

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	33.77
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	0.82
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Distribution Volumetric Rate	\$/kWh	0.0230
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kWh	(0.0002)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0064
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0047

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate – not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Hydro One Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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EB-2016-0081

RESIDENTIAL SERVICE CLASSIFICATIONS

YEAR-ROUND LOW DENSITY – R2

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge*	\$	80.33
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	1.36
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Distribution Volumetric Rate	\$/kWh	0.0374
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0062
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0044

* Under the Ontario Energy Ontario Energy Board Act, 1998 and associated Regulations, every qualifying year-round customer with a principal residence is eligible to receive Rural or Remote Rate Protection (RRRP). The service charge shown for eligible R2 customers will be reduced by the applicable RRRP credit, currently at \$60.50.

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

SEASONAL

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	36.28
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	0.84
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Distribution Volumetric Rate	\$/kWh	0.0635
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kWh	0.0003
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0051
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0042

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate – not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Hydro One Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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EB-2016-0081

ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

In addition to the charges specified on the preceding Residential Service Classification pages of this tariff of rates and charges, the following credits are to be applied to eligible residential customers.

APPLICATION

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

The application of these credits 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;
 - (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)

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)

Hydro One Networks Inc.

TARIFF OF RATES AND CHARGES

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ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

Class D

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

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)

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 Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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EB-2016-0081

GENERAL SERVICE CLASSIFICATIONS

General Service classification applies to any service that does not fit the description of residential classes. It includes combination type services where a variety of uses are made of the service by the owner of one property, and all multiple services except residential. 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

Hydro One Networks' General Service area is sub-divided into two density zones according to the following:

- Urban Density Zone is defined as areas containing 3,000 or more customers with a line density of at least 60 customers per circuit kilometer.
- Non-Urban Density Zone is defined as areas other than Urban Density Zone.

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

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

Hydro One Networks Inc.

TARIFF OF RATES AND CHARGES

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EB-2016-0081

URBAN GENERAL SERVICE ENERGY BILLED – UGe

This classification applies to a non-residential account located in an Urban Density Zone whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	23.30
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	0.67
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Distribution Volumetric Rate	\$/kWh	0.0262
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kWh	(0.0001)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0064
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0040

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

GENERAL SERVICE ENERGY BILLED – GSe

This classification applies to a non-residential account not located in an Urban Density Zone whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	27.87
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	0.73
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Distribution Volumetric Rate	\$/kWh	0.0560
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kWh	0.0002
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0059
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0038

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Hydro One Networks Inc.

TARIFF OF RATES AND CHARGES

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URBAN GENERAL SERVICE DEMAND BILLED – UGd

This classification applies to a non-residential account located in an Urban Density Zone whose average monthly maximum demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW. Hydro One establishes billing determinants for demand customers' Distribution charges at the greater of 100 per cent of kW and 90 per cent of kVA where kVA metering is installed. When a customer's power factor is known to be less than 90 per cent, a kVA meter or other equivalent electronic meter shall be used for measuring and billing.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	93.97
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	1.42
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Distribution Volumetric Rate	\$/kW	9.1837
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kW	(0.0623)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kW	2.0123
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kW	1.3239

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

GENERAL SERVICE DEMAND BILLED – GSd

This classification applies to a non-residential account not located in an Urban Density Zone whose average monthly maximum demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW. Hydro One establishes billing determinants for demand customers' Distribution charges at the greater of 100 per cent of kW and 90 per cent of kVA where kVA metering is installed. When a customer's power factor is known to be less than 90 per cent, a kVA meter or other equivalent electronic meter shall be used for measuring and billing.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	89.48
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	1.37
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Distribution Volumetric Rate	\$/kW	16.0236
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kW	0.0428
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kW	1.6048
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kW	1.0743

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Hydro One 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-2016-0081

DISTRIBUTED GENERATION – DGen

This classification applies to an embedded retail generation facility connected to the distribution system that is not classified as MicroFIT generation. Hydro One establishes billing determinants for demand customers' Distribution charges at the greater of 100 per cent of kW and 90 per cent of kVA where kVA metering is installed. When a customer's power factor is known to be less than 90 per cent, a kVA meter or other equivalent electronic meter shall be used for measuring and billing. Class A and Class B consumers are defined in accordance with O. Reg. 429/04.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	149.34
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	2.72
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Distribution Volumetric Rate	\$/kW	7.0504
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kW	0.0633
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kW	0.5230
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kW	0.3349

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Hydro One 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

SUB TRANSMISSION – ST

This classification applies to either:

- Embedded supply to Local Distribution Companies (LDCs). “Embedded” meaning receiving supply via Hydro One Distribution assets, and where Hydro One is the host distributor to the embedded LDC. Situations where the LDC is supplied via Specific Facilities are included. OR
- Load which:
 - is three-phase; and
 - is directly connected to and supplied from Hydro One Distribution assets between 44 kV and 13.8 kV inclusive; the meaning of “directly” includes Hydro One not owning the local transformation; and
 - is greater than 500 kW (monthly measured maximum demand averaged over the most recent calendar year or whose forecasted monthly average demand over twelve consecutive months is greater than 500 kW).

Hydro One establishes billing determinants for demand customers' Distribution charges at the greater of 100 per cent of kW and 90 per cent of kVA where kVA metering is installed. When a customer's power factor is known to be less than 90 per cent, a kVA meter or other equivalent electronic meter shall be used for measuring and billing.

Class A and Class B consumers are defined in accordance with O. Reg. 429/04.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	492.55
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	11.86
Meter Charge (for Hydro One ownership) (see Note 11)	\$	764.01
Facility Charge for connection to Common ST Lines (44 kV to 13.8 kV) (see Notes 1, 8 and 14)	\$/kW	1.2052
Facility Charge for connection to Specific ST Lines (44 kV to 13.8 kV) (see Note 2)	\$/km	812.8973
Facility Charge for connection to Specific Primary Lines (12.5 kV to 4.16 kV) (see Note 2)	\$/km	611.3830
Facility Charge for connection to high-voltage (> 13.8 kV secondary) delivery High Voltage Distribution Station (see Notes 1 and 14)	\$/kW	1.8088
Facility Charge for connection to low-voltage (< 13.8 kV secondary) delivery High Voltage Distribution Station (see Notes 1 and 14)	\$/kW	3.3552
Facility Charge for connection to low-voltage (< 13.8 kV secondary) Low Voltage Distribution Station (see Notes 3 and 14)	\$/kW	1.5464
Rate Rider for Disposition of Deferral/Variance Accounts (General) (2017) – effective until December 31, 2017 (see Notes 1, 9 and 14)	\$/kW	0.3126
Rate Rider for Disposition of Deferral/Variance Account (Wholesale Market Service Rate) (2017) – effective until December 31, 2017 (see Notes 1, 10 and 14)	\$/kW	(0.4418)
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017 Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Retail Transmission Service Rates (see Notes 6 and 7)		
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kW	3.1942
Retail Transmission Rate – Line Connection Service Rate (see Note 5)	\$/kW	0.7710
Retail Transmission Rate – Transformation Connection Service Rate (see Note 5)	\$/kW	1.7493

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Hydro One 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

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. The amount of electricity consumed by unmetered connections will be based on detailed information/documentation provided by the device's manufacturer and will be agreed to by Hydro One and the customer and may be subject to periodic monitoring of actual consumption. Eligible unmetered loads include cable TV amplifiers, bus shelters, telephone booths, traffic signals, railway crossings and other small fixed loads. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	35.18
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	0.51
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Distribution Volumetric Rate	\$/kWh	0.0285
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kWh	(0.0001)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0031

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Hydro One 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

SENTINEL LIGHTING SERVICE CLASSIFICATION

This rate is applicable to all Hydro One Networks' customers who have separate service to a sentinel light. The energy consumption for sentinel lights is estimated based on Networks' profile for sentinel lighting load, which provides the amount of time each month that the sentinel lights are operating. 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, it should be noted that the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	2.71
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	0.05
Distribution Volumetric Rate	\$/kWh	0.1178
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kWh	0.0009
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0045
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0027

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Hydro One 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

STREET LIGHTING SERVICE CLASSIFICATION

This rate is applicable to all Hydro One Networks' customers who have streetlights, which are devices owned by or operated for a road authority and/or municipal corporation. The energy consumption for street lights is estimated based on Networks' profile for street lighting load, which provides the amount of time each month that the street lights are operating. 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, it should be noted that the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	4.25
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$	0.08
Distribution Volumetric Rate	\$/kWh	0.0924
Rate Rider for Disposition of Deferral/Variance Accounts (2017) – effective until December 31, 2017	\$/kWh	0.0007
Rate Rider for Disposition of Global Adjustment Account (2017) – effective until December 31, 2017		
Applicable only for Non-RPP Customers (see Note 13)	\$/kWh	(0.0010)
Retail Transmission Rate – Network Service Rate (see Note 4)	\$/kWh	0.0045
Retail Transmission Rate – Line and Transformation Connection Service Rate (see Note 5)	\$/kWh	0.0027

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate - not including Capacity Based Recovery (see Note 12)	\$/kWh	0.0032
Capacity Based Recovery (CBR) – applicable for Class B customers (see Note 12)	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP) (see Note 12)	\$/kWh	0.0021
Ontario Electricity Support Program Charge (OESP) (see Note 12)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Hydro One 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

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	5.40
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Hydro One Networks Inc.

TARIFF OF RATES AND CHARGES

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ALLOWANCES

CUSTOMER-SUPPLIED TRANSFORMATION ALLOWANCE

Applicable to customers providing their own transformers and the primary voltage is under 50 kV

Demand Billed - per kW of billing demand/month	\$/kW	(0.60)
Energy Billed – per kWh of billing energy/month	\$/kWh	(0.0014)

TRANSFORMER LOSS ALLOWANCE

Applicable to non-ST customers requiring a billing adjustment for transformer losses as the result of being metered on the primary side of a transformer. The following uniform values shall be applied to measured demand and energy to calculate transformer losses for voltages up to and including 50 kV (as metered on the primary side).

For installations up to and including bank capacity of 400 kVA	%	(1.5)
For bank capacities over 400 kVA	%	(1.0)

Applicable to ST customers requiring a billing adjustment for transformer losses as the result of being metered on the secondary side of a transformer. The uniform value of 1 % shall be added to measured demand and energy (as measured on the secondary side) to adjust for transformer losses.

Alternately, transformer losses may be determined from transformer test data, and measured demand and energy adjusted accordingly.

For services which are not demand metered, an assumed demand of 50% of the transformer capacity will be used to calculate the loss allowance. Where several transformers are involved, the bank capacity is assumed to be the arithmetic sum of all transformer capacities.

LOSS FACTORS

Residential - UR	1.057
Residential - R1	1.076
Residential - R2	1.105
Residential - Seasonal	1.104
General Service - UGe	1.067
General Service - GSe	1.096
General Service - UGd	1.050
General Service - GSd	1.061
Distributed Generation - DGen	1.061
Unmetered Scattered Load	1.092
Sentinel Lights	1.092
Street Lights	1.092
Sub Transmission - ST	
Distribution Loss Factors	
Embedded Delivery Points (metering at station)	1.000
Embedded Delivery Points (metering away from station)	1.028
Total Loss Factors	
Embedded Delivery Points (metering at station)	1.006
Embedded Delivery Points (metering away from station)	1.034

Hydro One Networks Inc.

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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
Easement charge for unregistered rights	\$	15.00
Returned cheque charge (plus bank charges)	\$	15.00
Account set up charge	\$	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/Load Limiter	\$	30.00
Collection/Disconnect/Load Limiter/Reconnect trip (at meter) - during regular hours	\$	65.00
Collection/Disconnect/Load Limiter/Reconnect trip (at meter) - after regular hours	\$	185.00
Collection/Disconnect/Load Limiter/Reconnect trip (at pole) - during regular hours	\$	185.00
Collection/Disconnect/Load Limiter/Reconnect trip (at pole) - after regular hours	\$	415.00

Other

Temporary service install & remove	\$	500.00
Specific Charge for Cable and Telecom Companies Access to the Power Poles - \$/pole/year	\$	41.28
Specific Charge for LDCs Access to the Power Poles - \$/pole/year	\$	see below
Specific Charge for Generator Access to the Power Poles - \$/pole/year	\$	see below
Service Layout Fee – Basic	\$	640.00
Service Layout Fee – Complex	\$	850.00
Crossing Application – Pipeline	\$	2,555.00
Crossing Application – Water	\$	3,250.00
Crossing Application – Railroad	\$	6,120.00
Line Staking - \$/meter	\$	4.95
Central Metering – New Service < 45 kW	\$	120.00
Conversion to Central Metering < 45 kW	\$	1,050.00
Conversion to Central Metering > 45 kW	\$	930.00
Tingle Voltage Test in excess of 4 hours – per hour (average 2 additional hours)	\$	140.00
Standby Administration Charge – per month	\$	520.00
Connection Impact Assessment (CIA) Charge – CAE Small DG & Net Metering	\$	5,655.00
Connection Impact Assessment (CIA) Charge – Greater than CAE Small DG & Net Metering	\$	12,130.00
Sentinel Lights Rental Rate – per month	\$	9.51
Sentinel Lights Pole Rental Rate – per month	\$	4.15
Joint Use for Municipality Streetlights	\$	2.04

Hydro One 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

Specific Charge for LDCs Access to the Power Poles (\$/pole/year)

LDC Rate for 10' of power space	\$	47.82
LDC Rate for 15' of power space	\$	57.38
LDC Rate for 20' of power space	\$	64.08
LDC Rate for 25' of power space	\$	67.90
LDC Rate for 30' of power space	\$	71.73
LDC Rate for 35' of power space	\$	74.60
LDC Rate for 40' of power space	\$	76.51
LDC Rate for 45' of power space	\$	78.42
LDC Rate for 50' of power space	\$	79.38
LDC Rate for 55' of power space	\$	81.29
LDC Rate for 60' of power space	\$	82.25

Specific Charge for Generator Access to the Power Poles (\$/pole/year)

Generator Rate for 10' of power space	\$	47.82
Generator Rate for 15' of power space	\$	57.38
Generator Rate for 20' of power space	\$	64.08
Generator Rate for 25' of power space	\$	67.90
Generator Rate for 30' of power space	\$	71.73
Generator Rate for 35' of power space	\$	74.60
Generator Rate for 40' of power space	\$	76.51
Generator Rate for 45' of power space	\$	78.42
Generator Rate for 50' of power space	\$	79.38
Generator Rate for 55' of power space	\$	81.29
Generator Rate for 60' of power space	\$	82.25

Hydro One 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

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

Hydro One Networks Inc.

TARIFF OF RATES AND CHARGES

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NOTES:

- (1) The basis of the charge is the customer's monthly maximum demand. For a customer with multiple delivery points served from the same Transformer Station or High Voltage Distribution Station, the aggregated demand will be the applicable billing determinant. Demand is not aggregated between stations.
- (2) The basis of the charge is kilometers of line, within the supplied LDC's service area, supplying solely that LDC.
- (3) The basis of the charge is the "non-coincident demand" at each delivery point of the customer supplied by the station. This is measured as the kW demand at the delivery point at the time in the month of maximum load on the delivery point. For a customer connected through two or more distribution stations, the total charge for the connection to the shared distribution stations is the sum of the relevant charges for each of the distribution stations.
- (4) The monthly billing determinant for the RTSR Network Service rate is:
 - for energy-only metered customers: the customer's metered energy consumption adjusted by the total loss factor as approved by the Ontario Energy Board.
 - for interval-metered customers: the peak demand from 7 AM to 7 PM (local time) on IESO business days in the billing period. The rates shown are to be adjusted by the total loss factor as approved by the Ontario Energy Board.
 - for non-interval-metered demand billed customers: the non-coincident peak demand in the billing period. The rates shown are to be adjusted by the total loss factor as approved by the Ontario Energy Board.
- (5) (a) The monthly billing determinant for the RTSR Line and Transformation Connection Service rates is:
 - for energy-only metered customers: the customer's metered energy consumption adjusted by the total loss factor as approved by the Ontario Energy Board.
 - for all demand billed customers: the non-coincident peak demand in the billing period. The rates shown are to be adjusted by the total loss factor as approved by the Ontario Energy Board.
 (b) For customers with load displacement generation above 1 MW, or 2 MW for renewable generation, installed after October 1998, RTSR connection is billed at the gross demand level.
- (6) Delivery point with respect to RTSR is defined as the low side of the Transformer Station that steps down voltage from above 50 kV to below 50 kV. For customer with multiple interval-metered delivery points served from the same Transformer Station, the aggregated demand at the said delivery points on the low side of the Transformer Station will be the applicable billing determinant.
- (7) The loss factors, and which connection service rates are applied, are determined based on the point at which the distribution utility or customer is metered for its connection to Hydro One Distribution's system. Hydro One Distribution's connection agreements with these distribution utilities and customers will establish the appropriate loss factors and connection rates to apply from Hydro One Distribution's tariff schedules.
- (8) The Common ST Lines rate also applies to the supply to Distributors which use lines in the 12.5 kV to 4.16 kV range from HVDSs or LVDSs.
- (9) Rate Rider for Disposition of Deferral/Variance Accounts (General) is charged based on appropriate billing kW.
- (10) Rate Rider for Disposition of Deferral/Variance Account (Wholesale Market Service Rate) applies to those customers who were charged Wholesale Market Service Charges by Hydro One Distribution.
- (11) The Meter charge is applied per metering facility at delivery points for which Hydro One owns the metering.
- (12) The Wholesale Market Service Rate, the Rural or Remote Electricity Rate Protection Charge and the Ontario Electricity Support Program Charge are applied solely to non-Wholesale Market Participants. For Class A customers, distributors shall bill the actual CBDR costs to Class A customers in proportion to their contribution to peak. These rates pertain to the IESO's defined point of sale; consequently, appropriate loss factors as approved by the Ontario Energy Board must be applied to the customers metered energy.
- (13) The Global Adjustment rate rider applies to the non-LDC, non-RPP and Class B ST customers that were charged Wholesale Market Service Charges by Hydro One Distribution.
- (14) For customers with load displacement generation at 1MW or above, or 2 MW or above for renewable generation, installed after October 1998, the ST volumetric charges are billed at the gross demand level.