



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

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**DECISION AND RATE ORDER**

**EB-2015-0077**

**HYDRO HAWKESBURY INC.**

**Application for an order approving just and reasonable rates and other charges for electricity distribution to be effective January 1, 2016.**

**By Delegation, Before: Lynne Anderson**

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**December 10, 2015**

# 1 INTRODUCTION AND SUMMARY

Hydro Hawkesbury Inc. (Hydro Hawkesbury) serves about 5,500 mostly residential and commercial electricity customers in the Town of Hawkesbury. As a licenced and rate-regulated distributor in Ontario, the company must receive the Ontario Energy Board's approval for the rates it charges to distribute electricity to its customers.

Hydro Hawkesbury filed an application with the OEB on August 17, 2015, to seek approval for changes to its distribution rates to be effective January 1, 2016. The OEB has established three different rate-setting methods for distributors. Hydro Hawkesbury selected the Price Cap Incentive rate-setting (Price Cap IR) plan option to adjust its distribution rates. The Price Cap IR method has a five year term. In the first year, rates are set through a cost of service rebasing application. Hydro Hawkesbury last appeared before the OEB with a cost of service application for 2014 in the EB-2013-0139 proceeding. In the other four years, there is a mechanistic adjustment to rates based on inflation and the OEB's assessment of a distributor's efficiency.

This is the OEB's Decision with respect to Hydro Hawkesbury's application. The following issues are addressed in this Decision and Rate Order.

- Price Cap Incentive Rate-setting
- Regulatory Charges
- Retail Transmission Service Rates
- Review and Disposition of Group 1 Deferral and Variance Accounts
- Residential Rate Design
- Implementation and Order

In accordance with the OEB-approved parameters for inflation and productivity for 2016, Hydro Hawkesbury applied for a rate increase of 2.10%. The 2.10% 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 Hawkesbury also applied to change the composition of its distribution service rates. Currently, residential distribution rates include a fixed monthly charge and a variable usage charge. However, the OEB issued a new policy to change residential rates to a fully fixed rate structure, transitioning over a four-year period beginning in 2016<sup>1</sup>. Accordingly, the fixed monthly charge for 2016 has been adjusted upward in this Decision by more than the mechanistic adjustment alone and the variable-usage rate is commensurately lower. The amount of revenue the distributor is expected to collect

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

from residential customers will not be affected, only the proportion of revenue collected through variable and fixed charges.

The bill impacts arising from this Decision for Hydro Hawkesbury result in a monthly increase of \$2.09 for a residential customer consuming 800 kWh. Government policy initiatives that remove the Debt Retirement Charge and the Ontario Clean Energy Benefit from residential electricity bills, effective January 1, 2016, will impact the total bill as well.

I approve the adjustments to Hydro Hawkesbury's application as calculated through this proceeding.

## 2 THE PROCESS

The OEB follows a standard, streamlined process for incentive rate-setting (IR) applications under a Price Cap IR plan.

Initially, the OEB prepares a rate model that includes information from past proceedings and annual reporting requirements. A distributor then reviews and updates the model to include with its application.

In this case, Hydro Hawkesbury provided written evidence and a completed rate model to support its application on August 17, 2015. Questions were asked and answers were provided by Hydro Hawkesbury through emails and phone calls. Based on this information, a decision was drafted and provided to Hydro Hawkesbury on November 24, 2015. Hydro Hawkesbury was given the opportunity to provide its comments on the draft for consideration prior to finalizing the Decision.

## 3 ORGANIZATION OF THE DECISION

The OEB has organized this Decision into sections, reflecting the issues that the OEB has considered in making its findings<sup>2</sup>. Each section covers the OEB's reasons for approving or denying the proposals included in the application and affecting 2016 rates. The last section addresses the steps to implement the final rates that flow from this Decision.

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

## 4 PRICE CAP INCENTIVE RATE-SETTING

The Price Cap IR adjustment follows an OEB-approved formula that includes components for inflation and the OEB's expectations of efficiency and productivity gains<sup>3</sup>. The components in the formula are also approved by the OEB annually.

The formula is an *inflation minus X-factor* rate adjustment, which is intended to incent innovation and efficiency. Based on its established formula<sup>4</sup>, the OEB has set the inflation factor for 2016 rates at 2.1%.

The X-factors for individual distributors have two parts: a productivity element based on historical analysis of industry cost performance and a stretch factor that represents 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 face the prospect of 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 whose cost performance falls below that of comparable distributors to encourage them to pursue greater efficiencies.

In this case, the OEB assigned Hydro Hawkesbury a stretch factor of 0.00% based on the updated benchmarking study for use for rates effective in 2016<sup>6</sup>. As a result, the net price cap index adjustment that Hydro Hawkesbury would be eligible for is 2.10% (i.e. 2.1% - (0% + 0.00%)).

The 2.10% adjustment would apply to distribution rates (fixed and variable charges) uniformly across all customer classes; it does not apply to the rates and charges listed in Appendix 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: 2014 Benchmarking Update." Pacific Economics Group LLC. July, 2015.

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

Whether Hydro Hawkesbury ought to be eligible for an upward adjustment to its base rates is at issue in this application. On October 16, 2015, the OEB issued a letter to Hydro Hawkesbury, stating that the results of its sector-wide review of all distributors' ROE performance indicated that Hydro Hawkesbury's 2014 return on equity (ROE) measured 12.48% in 2014. This level of earnings is 312 basis points above the target ROE of 9.36% that was the basis upon which its rates were established.

The analysis attached to the OEB's letter indicated that the overearnings were the result of two primary drivers:

- A reduction in the cost of power component of working capital of \$265,088 due to lower than forecast consumption in 2014; and
- A delay of the in-service date of its sub-station project, resulting in lower-than-approved net book assets of \$342,718.

Under OEB policy, a regulatory review may be triggered if a distributor's earnings are outside of a deadband of +/- 300 basis points from the OEB-approved return on equity. Any such review will be prospective, and could result in modifications, termination or the continuation of the rate-setting plan for that distributor.

The letter stated that, given the level of returns earned by Hydro Hawkesbury in 2014, it was appropriate that the OEB consider whether an amendment to Hydro Hawkesbury's rate plan is appropriate, in order to ensure that customers pay distribution rates that better reflect the value of the service provided to them.

In response to questions from OEB staff about the substation, Hydro Hawkesbury indicated that the delays were the result of inadequate design and cost estimates of the project prepared by a third party. Subsequent major changes to the design and an oil spill have resulted in significant delays in approvals and financing. Hydro Hawkesbury was unable to provide an estimate of the timeline for completion or final cost of the project.

In this case, OEB staff's analysis did not address the working capital allowance concerns, as adjustments to load forecast are beyond the scope of an IRM proceeding.

## **Findings**

Hydro Hawkesbury has been earning a return on the substation asset since it was initially approved by the OEB for inclusion in rate base in its 2014 cost of service proceeding. Its in-service status remains uncertain. Despite this delay, Hydro Hawkesbury's ratepayers continue to bear this cost in their rates until Hydro Hawkesbury rebases in 2019.

The OEB expects that distributors will have robust distribution system plans and to deliver on those plans efficiently and effectively. Hydro Hawkesbury relied upon the expert advice of a third party, which appears to have been inadequate to allow the project to proceed, and which may constitute the root cause of many of the delays and potential increased costs.

The primary cause of Hydro Hawkesbury's overearning in 2014 is the delay in the substation project. Once in service, the applicant's property, plant and equipment will approach the levels upon which its rates are based. OEB staff analysis did not raise any further material concern with other drivers of overearning, such as intentional underspending of operations and maintenance budget, or withholding of capital investments that would compromise reliability or safety. Accordingly, aside from the management of its significant construction project, the analysis of which is beyond the scope of this proceeding, there is little evidence to suggest that a marked correction or amendment to Hydro Hawkesbury's rate plan is required.

I note that the regulatory review was triggered by earnings that were only 12 basis points above the earnings deadband established by the OEB. Nevertheless, the fact remains that Hydro Hawkesbury's customers are paying rates that do not reflect the full value of the investments those rates support. I find it prudent, therefore, to adjust rates in a manner that would address this issue should circumstances fail to improve, such as the completion of the substation in 2016. I find that the Price Cap IR increase of 2.1 % shall be granted on an interim basis. In making this finding, I am restricting the interim status only to the portion of Hydro Hawkesbury's rates related to the 2016 increase. The remainder of its base rates shall be considered final.

Hydro Hawkesbury is required to report its 2015 regulatory ROE to the OEB by April 30, 2016. The OEB will review this reporting, as it does for all electricity distributors. If the regulatory ROE is within +/- 300 basis points of 9.36%, Hydro Hawkesbury can apply to the OEB to make its rates final.

If earnings remain more than 300 basis points above 9.36% and the substation project is not completed in 2016, the amount of revenue received related to the 2.1% increase may be considered by a future panel for refund to Hydro Hawkesbury's customers in 2017.

## 5 REGULATORY CHARGES

There are a number of charges levied to consumers 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 costs of providing electricity service to these customers greatly exceeds the costs of providing electricity to customers located 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 new regulatory charge that will be initiated in 2016. This program delivers on-bill rate assistance to low income electricity customers. All Ontario customers contribute to the OESP through the OESP charge.

These regulatory charges are established annually by the OEB through a separate order.

### Findings

The OEB has determined<sup>7</sup> that the RRRP charge for 2016 shall be \$0.0013 per kWh; the WMS rate shall be \$0.0036 per kWh; and the OESP charge shall be \$0.0011 per kWh. The Tariff of Rates and Charges flowing from this Decision and Rate Order reflects these new regulatory charges, as well as the OESP credits to be provided to enrolled low income customers.

## 6 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 application of the current Uniform Transmission Rates (UTR) to

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<sup>7</sup> Decision and Rate Order, EB-2015-0294

historical transmission deliveries and the revenues generated under existing RTSRs. The UTRs are established annually by a separate OEB order. Similarly, partially embedded distributors, such as Hydro Hawkesbury, must 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 proposed UTRs and RTSRs they will charge their customers.

## Findings

Distributors whose rates are set as of January 1 typically calculate their RTSRs using the previous year's UTRs as the updates are not yet available. In this case, the OEB has not yet adjusted UTRs and Hydro One sub-transmission class rates for 2016. I will therefore approve the RTSRs as adjusted in this Application to reflect the current applicable rates. The differences arising from the new 2016 rates, once approved, will be captured in Accounts 1584 and 1586 for future disposition.

## 7 REVIEW AND DISPOSITION OF GROUP 1 DEFERRAL AND VARIANCE ACCOUNT BALANCES

Group 1 Deferral and Variance Accounts track the differences between the costs that a distributor is billed for certain IESO and host distributor costs (including the cost of power) and the revenues that the distributor receives from its customers for these costs through its OEB-approved rates. 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 on deferral and variance accounts<sup>8</sup> provides that, during the IR plan term, the distributor's Group 1 account balances will be reviewed and disposed if the pre-set disposition threshold of \$0.001 per kWh, whether in the form of a debit or credit, is exceeded. It is the distributor's responsibility to justify why any account balance in excess of the threshold should not be disposed. If the balances are below this threshold, the distributor may propose to dispose of balances.

Hydro Hawkesbury's 2014 actual year-end total balance for Group 1 accounts including interest projected to December 31, 2015 is a credit of \$81,934. This amount results in a total credit claim of \$0.0006 per kWh, which does not exceed the preset disposition threshold. Hydro Hawkesbury did not seek disposition of balances in its application.

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

## Findings

I conclude that no disposition is required at this time as the disposition threshold has not been exceeded.

## 8 RESIDENTIAL RATE DESIGN

Currently, all residential distribution rates include a fixed monthly charge and a variable usage charge. The OEB's April 2, 2015 policy on electricity distribution rate design set out that distribution rates for residential customers will transition to a fully fixed rate structure from the current combination of fixed and variable charges over four years. Starting in 2016, the fixed rate will increase gradually, and the usage rate will decline.

The 2016 rate model has been revised to include the first year of the gradual transition to fully fixed rates and its impact to the monthly fixed charge that residential customers will pay. The OEB is requiring distributors to calculate and report on the rate impacts of the change so that strategies may be employed to smooth the transition for the customers most impacted, such as those that consume less electricity, if mitigation is required. In support of this, the OEB requires distributors to calculate the impact of this change to residential customers in general; it also requires applicants to calculate the combined impact of the fixed rate increase and any other changes in the cost of distribution service for those customers who are at the 10<sup>th</sup> percentile of overall consumption. Any increase of 10% or greater to these low-consumption customers' bills arising from changes made in this Decision, or an increase to the monthly fixed charge of greater than \$4 prior to incentive rate-setting adjustments, may result in the requirement for a longer transition period than four years specified in the OEB policy. Distributors may also propose other strategies to smooth out these increases as appropriate.

Adjustments to Hydro Hawkesbury's rate model to implement the change in fixed rates results in an increase to the fixed charge prior to IRM adjustments of \$2.23; OEB staff has calculated the bill impacts of this Decision, including the fixed rate change, to be below 10% for typical low consumption customers.

## Findings

I find that the increases to the monthly fixed charge and to low consumption consumers are consistent with OEB policy and approve the increase as calculated in the final rate model.

## 9 IMPLEMENTATION AND ORDER

### Rate Model

With this Decision and Rate Order are a rate model, applicable supporting models and a Tariff of Rates and Charges (Schedule A). Entries in the rate model(s) were reviewed to ensure that they were in accordance with Hydro Hawkesbury's EB-2013-0139 cost of service decision, the 2015 OEB-approved Tariff of Rates and Charges as well as the cost, revenue and consumption results from 2014 as reported by Hydro Hawkesbury 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, 2016 for electricity consumed or estimated to have been consumed on and after such date. Hydro Hawkesbury Inc. shall notify its customers of the rate changes no later than the delivery of the first bill reflecting the new rates.

### ADDRESS

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

E-mail: [boardsec@ontarioenergyboard.ca](mailto:boardsec@ontarioenergyboard.ca)

Tel: 1-888-632-6273 (Toll free)

Fax: 416-440-7656

**DATED** at Toronto, December 10, 2015

### 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-2015-0077**

**DATED: December 10, 2015**

**Hydro Hawkesbury Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2016**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2015-0077

**RESIDENTIAL SERVICE CLASSIFICATION**

This classification refers to the supply of electrical energy to customers residing in residential dwelling units. Energy is generally supplied as single phase, 3-wire, 60-Hertz, having nominal voltage of 120/240 Volts and up to 400 amps. There shall be only one delivery point to a dwelling. The Basic Connection for Residential consumers is defined as 100 amp 120/240 volt overhead service. A Residential building is supplied at one service voltage per land parcel. 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	\$	9.60
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0076
Low Voltage Service Rate	\$/kWh	0.0007
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0034

**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 Hawkesbury Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2016**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2015-0077

## 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)

#### 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)

**Hydro Hawkesbury Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2016**  
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**approved schedules of Rates, Charges and Loss Factors**

EB-2015-0077

## ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

**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 Hawkesbury Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2016**  
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EB-2015-0077

## GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to a non residential account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW, and Town Houses and Condominiums that require centralized bulk metering. 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	\$	15.47
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0061
Low Voltage Service Rate	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0030

### 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 Hawkesbury Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2016**  
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EB-2015-0077

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

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Note that for the application of the Retail Transmission Rate - Network Service Rate and the Retail Transmission Rate - Line and Transformation Connection Service Rate the following sub-classifications apply:

General Service 50 to 500 kW non-interval metered

General Service 50 to 500 kW interval metered

General Service greater than 500 to 5,000 kW interval metered. 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	\$	100.99
Distribution Volumetric Rate	\$/kW	2.0470
Low Voltage Service Rate	\$/kW	0.2419
Retail Transmission Rate - Network Service Rate	\$/kW	2.6481
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2331

#### **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 Hawkesbury Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2016**  
**This schedule supersedes and replaces all previously**  
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EB-2015-0077

## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	\$	6.63
Distribution Volumetric Rate	\$/kWh	0.0039
Low Voltage Service Rate	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0030

### 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 Hawkesbury Inc.**  
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EB-2015-0077

### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to privately owned roadway lighting controlled by photo cells. Consumption is based on calculated connected load times the required lighting hours. 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 (per connection)	\$	1.66
Distribution Volumetric Rate	\$/kW	3.2940
Low Voltage Service Rate	\$/kW	0.3818
Retail Transmission Rate - Network Service Rate	\$/kW	1.9979
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9464

#### 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

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EB-2015-0077

## **STREET LIGHTING SERVICE CLASSIFICATION**

This classification refers to municipal lighting, Ministry of Transportation operation controlled by photo cells. Consumption is as per OEB street lighting load shape. 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 (per connection)	\$/kW	0.55
Distribution Volumetric Rate	\$/kW	5.9651
Low Voltage Service Rate	\$/kW	0.1870
Retail Transmission Rate - Network Service Rate	\$/kW	1.9973
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.9532

### **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

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**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. 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.

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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	\$/kW	(0.60)
Primary Metering Allowance for transformer losses - applied to measured demand and energy	\$	(1.00)

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**SPECIFIC SERVICE CHARGES**

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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
Statement of account	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	20.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	40.00
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	\$	15.00
Disconnect/reconnect at meter - during regular hours	\$	30.00
Disconnect/reconnect at meter - after regular hours	\$	165.00
Disconnect/reconnect at pole - during regular hours	\$	100.00
Disconnect/reconnect at pole - after regular hours	\$	300.00
Install/remove load control device - during regular hours	\$	30.00
Install/remove load control device - after regular hours	\$	165.00

**Other**

Service call - after regular hours	\$	165.00
Temporary service - install & remove - overhead - no transformer	\$	500.00
Temporary service - install & remove - overhead - with transformer	\$	1,000.00
Specific charge for access to the power poles - \$/pole/year	\$	22.35

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EB-2015-0077

## RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

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

## LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0541
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0436

**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-2015-0077**

**DATED: December 10, 2015**

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
- Transformation and primary metering allowances
- Loss factors
- Specific service charges
- microFit charge
- Retail service charges