



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

DECISION AND RATE ORDER

EB-2016-0323

OSHAWA PUC NETWORKS INC.

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

By Delegation, BEFORE: Theodore Antonopoulos

December 21, 2016

1 INTRODUCTION AND SUMMARY

This is the Decision and Rate Order for Oshawa PUC Networks Inc.'s (Oshawa PUC) Custom Incentive Rate-setting (Custom IR) – Year 3 update application for 2017 rates.

Oshawa PUC owns and operates an electricity distribution system in Ontario, serving over 55,000 customers in the City of Oshawa and the Region of Durham. Oshawa PUC is seeking the Ontario Energy Board's (OEB) approval for the rates it charges to distribute electricity to its customers, as is required of rate-regulated distributors in Ontario (the Application).

Distributors may choose one of three rate-setting methods. Oshawa PUC filed a Custom IR application in 2014 for electricity distribution rates for the period from 2015 to 2019. In Oshawa PUC's case, the OEB approved a five-year Custom IR framework on November 12, 2015, that covers the years from 2015 to 2019.¹ Oshawa PUC's rates for 2015 and 2016 were set on a final basis in that proceeding, and the rates for 2017 were set except for a potential update to adjust the Retail Transmission Service Rates (RTSR) and dispose of Group 1 deferral and variance accounts. The 2017 rates developed in the 2014 proceeding also include the first year of the transition to fixed residential rates. Rates for 2018 and 2019 will be updated following a mid-term review during 2017.²

Oshawa PUC filed the Application on October 31, 2016, to seek approval to reduce the RTSRs and demonstrate that it is not necessary to dispose of any deferral and variance accounts at this time. The Application seeks to make the changes to the RTSRs effective January 1, 2017.

This Decision and Rate Order addresses the following issues:

- Retail Transmission Service Rates
- Group 1 Deferral and Variance Accounts
- Regulatory Charges

The OEB has accepted all of Oshawa PUC's proposed changes for 2017. This Decision on the Application will result in a monthly increase of \$0.26 for a residential customer consuming 750 kWh per month which represents an approximate 0.2% increase on the total bill. This increase is driven primarily by the increase in the regulatory charges.

¹ EB-2014-0101, Decision and Order, November 12, 2015.

² *Ibid*, Rate Order, December 22, 2015.

2 THE PROCESS

The OEB follows a streamlined process for Custom IR update applications. Applications of this nature may be decided by either a panel of Board Members or it may be delegated to OEB staff, depending on the complexity of the application.

After an initial review of the application, the OEB determined that the application is largely mechanistic in nature with respect to the adjustments contemplated. Therefore, pursuant to section 6 of the *Ontario Energy Board Act, 1998* (the Act) the OEB delegated to a member of OEB staff, its power under section 78 of the Act to determine this application. Pursuant to section 6(4) of the Act, the delegated authority determined that the review will proceed without holding a hearing.

Under this type of process, the application is reviewed by OEB staff to verify whether the requested adjustments are consistent with the approved Custom IR application. This includes but is not limited to updates or adjustments defined in the OEB's decision on the original Custom IR application.

On October 31, 2016, Oshawa PUC submitted its Custom IR update application supported by written evidence. OEB staff reviewed the application and posed questions to Oshawa PUC. Oshawa PUC responded to questions from OEB staff to clarify and correct the evidence. Oshawa PUC subsequently updated the applicable models.

In the case information letter issued on December 12, 2016, OEB staff indicated that a draft decision would be provided to give Oshawa PUC an opportunity to provide its comments on the draft prior to finalizing this Decision. Given that the findings in this decision are approving Oshawa PUC's application as updated following discussions with OEB staff, and in order to issue this Decision in time to implement January 1, 2017 rates, this Decision is issued as final with a provision for Oshawa PUC to comment on the attached draft Tariff of Rates and Charges as will be outlined below.

3 STRUCTURE OF THE DECISION

This Decision is organized into sections to reflect the issues that were considered by the OEB staff in making its findings. Each section outlines the OEB staff's reasons for approving the proposals included in the application and affecting 2017 rates. The last section addresses the steps to implement the final rates that flow from this Decision.

4 UPDATE TO RETAIL TRANSMISSION SERVICE RATES

Electricity distributors use RTSRs to pass along the cost of transmission service to their distribution customers. The RTSRs are adjusted to reflect the revised costs as calculated by the application of the current Uniform Transmission Rates (UTRs) to historical transmission deliveries. The UTRs are established annually by a separate OEB order. Distributors may apply to the OEB annually to approve the RTSRs they propose to charge their customers.

In the December 22, 2015, Rate Order, the OEB found that Oshawa PUC's 2017 distribution rates may need to be adjusted to update the Retail Transmission Service rates (RTSR).

Oshawa PUC applied to update its RTSRs based on the OEB's guidance set out in the June 28, 2012 revision of the OEB's Guideline *G-2008-0001: Electricity Distribution Retail Transmission Service Rates, Revision 4.0*.

Findings

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

5 DISPOSITION OF GROUP 1 DEFERRAL AND VARIANCE ACCOUNTS

Group 1 deferral and variance accounts (Group 1 accounts) track the differences between the costs that a distributor is billed for certain IESO and host distributor services (including the cost of power) and the associated revenues that the distributor receives from its customers for these services. The total net difference between these costs and revenues is disposed to customers through a temporary charge or credit known as a rate rider.

The OEB's policy³ is to review and dispose of the distributor's Group 1 account balances if they exceed (as a debit or credit) the pre-set disposition threshold of \$0.001 per kWh during an IR plan term. The distributor must justify why any account balance in excess of the threshold should not be disposed. The distributor may dispose of balances below this threshold if its proposal to do so is justified.

In the December 22, 2015 Rate Order, the OEB found that Oshawa PUC's 2017 distribution rates may need to be adjusted to dispose of the Group 1 deferral and variance accounts.

Oshawa PUC is not proposing to dispose of the Group 1 deferral and variance accounts because the account balances (a credit of \$505,969 equal to about \$0.0005/kWh) do not exceed the threshold test (\$0.001/kWh).

Findings

The OEB accepts Oshawa PUC's determination that the Group 1 deferral and variance accounts do not meet the threshold test. Accordingly, the OEB finds that no disposition is required at this time as the disposition threshold has not been exceeded.

³ *Report of the Board on Electricity Distributors' Deferral and Variance Account Review Initiative* (July 31, 2009).

6 REGULATORY CHARGES

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

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

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

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

These four 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 has determined⁴ 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 per kWh. For Class B customers a CBR component of \$0.0004 per kWh is added to the WMS rate for a total of \$0.0036 per kWh. The OESP on-bill

⁴ Decision and Rate Order, EB-2016-0362, December 15, 2016.

rate assistance credits to low income electricity customers remain unchanged; in addition, the OESP charge will remain the same at \$0.0011 per kWh⁵.

These changes are effective January 1, 2017 for all distributors as a result of the generic orders that were part of the OEB's separate decisions. The Tariff of Rates and Charges flowing from this Decision and Rate Order has been updated so as to reflect these new regulatory charges.

⁵ Decision and Rate Order, EB-2016-0376, December 21, 2016.

7 ORDER

IT IS ORDERED THAT:

1. Oshawa PUC Network Inc.'s new distribution rates shall be effective January 1, 2017.
2. The Tariff of Rates and Charges set out in Schedule A shall be deemed *draft* until Oshawa PUC Networks Inc. has complied with the subsequent procedural steps.
3. Oshawa PUC Network Inc. shall review the Tariff of Rates and Charges set out in Schedule A and shall file with the OEB, as applicable, a written confirmation of its completeness and accuracy, or provide a detailed explanation of any inaccuracies or missing information, within **two days** of the date of issuance of this Decision and Rate Order.
4. This Decision and Rate Order will be considered final, if Oshawa PUC Network Inc. does not provide a submission to the OEB that inaccuracies were found or information was missing pursuant to item 3. Oshawa PUC Network Inc. shall notify its customers of the rate changes no later than the delivery of the first bill reflecting the new rates.
5. If the OEB receives a submission from Oshawa PUC Network Inc. to the effect that inaccuracies were found or information was missing pursuant to item 3, the OEB will consider the submission prior to revising and issuing a final Tariff of Rates and Charges.
6. Oshawa PUC Network Inc. 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
DECISION AND ORDER
OSHAWA PUC NETWORKS INC.
EB-2016-0323
DECEMBER 21, 2016

Oshawa PUC 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-2016-0323

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to residential customers residing in detached, semidetached, townhouse (freehold or condominium) dwelling units, duplexes or triplexes. Basic connection is defined as 100 amp 120/240 volt overhead service. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	14.22
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2015) - effective until December 31, 2019	\$	0.06
Distribution Volumetric Rate	\$/kWh	0.0109
Rate Rider for Disposition of Global Adjustment Sub-Account (2015) - effective until December 31, 2019 (Applicable only for Non-RPP Customers)	\$/kWh	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until December 31, 2019	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0074
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0062

MONTHLY RATES AND CHARGES – Regulatory Component

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

Oshawa PUC 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-2016-0323

ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

In addition to the charges specified on the preceding Residential Service Classifications 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 account-holder’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)

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)

Oshawa PUC Networks Inc.
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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)

Oshawa PUC Networks Inc.
TARIFF OF RATES AND CHARGES
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EB-2016-0323

GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak demand is less than, or is forecast to be less than 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	16.24
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0161
Rate Rider for Disposition of Global Adjustment Sub-Account (2015) - effective until December 31, 2019 (Applicable only for Non-RPP Customers)	\$/kWh	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until December 31, 2019	\$/kWh	0.0006
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2015) - effective until December 31, 2019	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057

MONTHLY RATES AND CHARGES – Regulatory Component

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

Oshawa PUC Networks Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2017

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EB-2016-0323

GENERAL SERVICE 50 to 999 kW SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than 50 kW but less than 1,000 kW, or is forecast to be equal to or greater than 50 kW but less than 1,000 kW. Note that for statistical purposes the following sub-classifications apply:

- General Service 50 to 200 kW
- General Service over 200 kW

Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	53.33
Distribution Volumetric Rate	\$/kW	4.5691
Rate Rider for Disposition of Global Adjustment Sub-Account (2015) - effective until December 31, 2019 (Applicable only for Non-RPP Customers)	\$/kW	0.5270
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until December 31, 2019	\$/kW	0.2491
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2015) - effective until December 31, 2019	\$/kW	0.0288
Retail Transmission Rate - Network Service Rate	\$/kW	2.4961
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0069
Retail Transmission Rate - Network Service Rate – Interval Metered	\$/kW	3.1993
Retail Transmission Rate - Line and Transformation Connection Service Rate – Interval Metered	\$/kW	2.5494

MONTHLY RATES AND CHARGES – Regulatory Component

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

Oshawa PUC Networks Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2017

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EB-2016-0323

GENERAL SERVICE 1,000 to 4,999 kW SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than 1,000 kW but less than 5,000 kW, or is forecast to be equal to or greater than 1,000 kW but less than 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	1,120.74
Distribution Volumetric Rate	\$/kW	2.4246
Rate Rider for Disposition of Global Adjustment Sub-Account (2015) - effective until December 31, 2019 (Applicable only for Non-RPP Customers)	\$/kW	0.6083
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until December 31, 2019	\$/kW	0.2837
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2015) - effective until December 31, 2019	\$/kW	0.0330
Retail Transmission Rate - Network Service Rate – Interval Metered	\$/kW	3.1993
Retail Transmission Rate - Line and Transformation Connection Service Rate – Interval Metered	\$/kW	2.5494

MONTHLY RATES AND CHARGES – Regulatory Component

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

Oshawa PUC Networks Inc.
TARIFF OF RATES AND CHARGES
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EB-2016-0323

LARGE USE SERVICE CLASSIFICATION

This classification applies to an 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, 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	8,527.98
Distribution Volumetric Rate	\$/kW	2.0983
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until December 31, 2019	\$/kW	0.2771
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2015) - effective until December 31, 2019	\$/kW	0.0322
Retail Transmission Rate - Network Service Rate – Interval Metered	\$/kW	3.4089
Retail Transmission Rate - Line and Transformation Connection Service Rate – Interval Metered	\$/kW	2.7817

MONTHLY RATES AND CHARGES – Regulatory Component

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

Oshawa PUC Networks Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2017

This schedule supersedes and replaces all previously
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EB-2016-0323

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand at each location is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	\$	4.45
Distribution Volumetric Rate	\$/kWh	0.0182
Rate Rider for Disposition of Global Adjustment Sub-Account (2015) - effective until December 31, 2019 (Applicable only for Non-RPP Customers)	\$/kWh	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until December 31, 2019	\$/kWh	0.0006
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2015) - effective until December 31, 2019	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057

MONTHLY RATES AND CHARGES – Regulatory Component

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

Oshawa PUC Networks Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2017

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SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. 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.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	\$	5.37
Distribution Volumetric Rate	\$/kW	7.6712
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until December 31, 2019	\$/kW	0.2146
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2015) - effective until December 31, 2019	\$/kW	0.0230
Retail Transmission Rate - Network Service Rate	\$/kW	1.7217
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3559

MONTHLY RATES AND CHARGES – Regulatory Component

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

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STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	\$	1.892
Distribution Volumetric Rate	\$/kW	29.6664
Rate Rider for Disposition of Global Adjustment Sub-Account (2015) - effective until December 31, 2019 (Applicable only for Non-RPP Customers)	\$/kW	0.4821
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until December 31, 2019	\$/kW	0.2248
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2015) - effective until December 31, 2019	\$/kW	0.0242
Retail Transmission Rate - Network Service Rate	\$/kW	1.6925
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3160

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate (WMS) – Not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) – Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0021
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

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	5.40
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ALLOWANCES

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

SPECIFIC SERVICE CHARGES**APPLICATION**

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

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

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Customer Administration

Arrears Certificate	\$	15.00
Easement Letter	\$	15.00
Account History	\$	15.00
Credit Reference Letter	\$	15.00
Credit Check (plus credit agency costs)	\$	15.00
Returned Cheque Charge (plus bank charges)	\$	15.00
Legal Letter Charge	\$	15.00
Account Set Up Charge/Change of Occupancy Charge (plus credit agency costs if applicable)	\$	30.00
Special Meter Reads	\$	30.00
Meter Dispute Charge Plus Measurement Canada Fees (if meter found correct)	\$	30.00

Non-Payment of Account

Late Payment – per month	%	1.50
Late Payment – per annum	%	19.56
Collection of Account Charge – no disconnection	\$	30.00
Disconnect/Reconnect at Meter – during regular hours	\$	65.00
Disconnect/Reconnect at Meter – after regular hours	\$	185.00
Disconnect/Reconnect at Pole – during regular hours	\$	185.00
Disconnect/Reconnect at Pole – after regular hours	\$	415.00
Install/Remove Load Control Device – during regular hours	\$	65.00
Install/Remove Load Control Device – after regular hours	\$	185.00

Other

Specific Charge for Access to the Power Poles - \$/pole/year	\$	22.35
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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.

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust	0.50
Distributor-consolidated billing monthly credit, per customer, per retailer	\$/cust	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$	(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	1.0486
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0440
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0045