



EB-2009-0240

**IN THE MATTER OF** the *Ontario Energy Board Act*,  
1998, S.O. 1998, c.15 (Schedule B);

**AND IN THE MATTER OF** an application by Oshawa  
PUC Networks Inc. for an order or orders approving or  
fixing just and reasonable distribution rates and other  
charges, to be effective May 1, 2010.

**BEFORE:** Paul Vlahos  
Presiding Member

## DECISION AND ORDER

### Introduction

Oshawa PUC Networks Inc. (“Oshawa PUC”), a licensed distributor of electricity, filed an application with the Ontario Energy Board (the “Board”) for an order or orders approving or fixing just and reasonable rates for the distribution of electricity and other charges, to be effective May 1, 2010.

Oshawa PUC is one of about 80 electricity distributors in Ontario that are regulated by the Board. In 2008, the Board announced the establishment of a new multi-year electricity distribution rate-setting plan, the 3<sup>rd</sup> Generation Incentive Rate Mechanism (“IRM”) process, that will be used to adjust electricity distribution rates starting in 2009 for those distributors whose 2008 rates were rebased through a cost of service review. As part of the plan, Oshawa PUC is one of the electricity distributors that will have its rates adjusted for 2010 on the basis of the IRM process, which provides for a mechanistic and formulaic adjustment to distribution rates and charges between cost of service applications.

To streamline the process for the approval of distribution rates and charges for distributors, the Board issued its *Report of the Board on 3<sup>rd</sup> Generation Incentive Regulation for Ontario's Electricity Distributors* on July 14, 2008, its *Supplemental Report of the Board on 3<sup>rd</sup> Generation Incentive Regulation for Ontario's Electricity Distributors* on September 17, 2008, and its *Addendum to the Supplemental Report of the Board on 3<sup>rd</sup> Generation Incentive Regulation for Ontario's Electricity Distributors* on January 28, 2009 (together the "Reports"). Among other things, the Reports contained the relevant guidelines for 2010 rate adjustments (the "Guidelines") for distributors applying for distribution rate adjustments pursuant to the IRM process. On July 22, 2009 the Board issued an update to Chapter 3 of the Board's "Filing Requirements for Transmission and Distribution Applications" (the "Filing Requirements"), which outlined the filing requirements for IRM applications by electricity distributors.

Notice of Oshawa PUC's rate application was given through newspaper publication in Oshawa PUC's service area advising interested parties where the rate application could be viewed and advising how they could intervene in the proceeding or comment on the application. No letters of comment were received. The Vulnerable Energy Consumers Coalition ("VECC") applied and was granted intervenor status in this proceeding. The Board's Notice of Application noted that the Board may order costs in this proceeding in relation to Oshawa PUC's proposal for a revenue cost ratio adjustment and a Lost Revenue Adjustment Mechanism (LRAM) Recovery. VECC participated by way of interrogatories but did not file a submission. Board staff also participated in the proceeding. The Board proceeded by way of a written hearing.

While the Board has considered the entire record in this rate application, it has made reference only to such evidence as is necessary to provide context to its findings. The following issues are addressed in this Decision and Order:

- Price Cap Index Adjustment;
- Changes in the Federal and Provincial Income Tax Rates;
- Harmonized Sales Tax;
- Smart Meter Funding Adder;
- Revenue-to-Cost Ratios;
- Retail Transmission Service Rates;
- Review and Disposition of Group 1 Deferral and Variance Accounts
- Review and Disposition of Lost Revenue Adjustment Mechanism; and
- Introduction of MicroFIT Generator Service Classification and Rate.

## **Price Cap Index Adjustment**

Oshawa PUC's rate application was filed on the basis of the Guidelines. In fixing new distribution rates and charges for Oshawa PUC, the Board has applied the policies described in the Reports.

As outlined in the Reports, distribution rates under the 3rd Generation IRM are to be adjusted by a price escalator less a productivity factor (X-factor) of 0.72% and Oshawa PUC's utility specific stretch factor of 0.4%. Based on the final 2009 data published by Statistics Canada, the Board has established the price escalator to be 1.3%. The resulting price cap index adjustment is therefore 0.18%. The Board has adjusted the rate model to reflect the newly calculated price cap index adjustment. The price cap index adjustment applies to distribution rates (fixed and variable charges) uniformly across all customer classes. An adjustment for the transition to a common deemed capital structure of 60% debt and 40% equity was also effected.

The price cap index adjustment will not apply to the following components of distribution rates:

- Rate Riders;
- Rate Adders;
- Low Voltage Service Charges;
- Retail Transmission Service Rates;
- Wholesale Market Service Rate;
- Rural Rate Protection Charge;
- Standard Supply service – Administrative Charge;
- Transformation and Primary Metering Allowances;
- Loss Factors;
- Specific Service Charges; and
- Retail Service Charges.

## **Changes in the Federal and Provincial Income Tax Rates**

On December 13, 2007, the Ontario government introduced its 2007 Ontario Economic Outlook and Fiscal Review (the "Fiscal Review"). The enabling legislation received Royal Assent on May 14, 2008. Included in this Fiscal Review were changes to the

Ontario capital tax provisions<sup>1</sup>, and an increase in the small business income limit from \$400,000 to \$500,000 effective January 1, 2007.

The Federal Budget which was presented on January 27, 2009 and received Royal Assent on March 12, 2009 included an increase in the small business income limit from \$400,000 to \$500,000 effective January 1, 2009.

On March 26, 2009, the Ontario provincial budget was presented and Bill 218, the enabling legislation, received Royal Assent on December 15, 2009. For corporations, the basic income tax rates will decrease in stages from 14% to 10% by July 1, 2013, while on July 1, 2010, the small business rate will drop from 5.5% to 4.5%, after the small business deduction is made where applicable. A provincial small business surtax claws back the benefit of the small business deduction when taxable income of associated corporations exceeds \$500,000 and eliminates the benefit completely once taxable income, on an associated basis, reaches \$1,500,000. The surtax will be eliminated on July 1, 2010.

The following table summarizes past, current and impending tax changes.

<b>Tax Rates Federal &amp; Provincial As of December 15, 2009</b>	<b>Effective January 1, 2009</b>	<b>Effective January 1, 2010</b>	<b>Effective January 1, 2011</b>	<b>Effective January 1, 2012</b>	<b>Effective January 1, 2013</b>	<b>Effective January 1, 2014</b>
<b>Federal income tax</b>						
General corporate rate	38.00%	38.00%	38.00%	38.00%	38.00%	38.00%
Federal tax abatement	-10.00%	-10.00%	-10.00%	-10.00%	-10.00%	-10.00%
Adjusted federal rate	28.00%	28.00%	28.00%	28.00%	28.00%	28.00%
Surtax (4% of line 3)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	28.00%	28.00%	28.00%	28.00%	28.00%	28.00%
Rate reduction	-9.00%	-10.00%	-11.50%	-13.00%	-13.00%	-13.00%
	19.00%	18.00%	16.50%	15.00%	15.00%	15.00%
<b>Ontario income tax</b>	14.00%	13.00%	11.75%	11.25%	10.50%	10.00%
<b>Combined federal and Ontario</b>	<b>33.00%</b>	<b>31.00%</b>	<b>28.25%</b>	<b>26.25%</b>	<b>25.50%</b>	<b>25.00%</b>
<b>Federal &amp; Ontario Small Business</b>						
Federal small business threshold	500,000	500,000	500,000	500,000	500,000	500,000
Ontario Small Business Threshold	500,000	500,000	500,000	500,000	500,000	500,000
Federal small business rate	11.00%	11.00%	11.00%	11.00%	11.00%	11.00%
Ontario small business rate	5.50%	5.00%	4.50%	4.50%	4.50%	4.50%
Ontario surtax claw-back of 4.25% (eliminated July 1, 2010) starts at \$500,000 and eliminates the SBC at \$1,500,000.						
Ontario surtax	4.25%	2.125%	0.00%	0.00%	0.00%	0.00%
<b>Ontario Capital Tax</b>						
Capital deduction	15,000,000	15,000,000	0	0	0	0
Capital tax rate	0.225%	0.075%	0.0%	0.0%	0.0%	0.0%
OCT will be eliminated on July 1, 2010 but tax will be prorated for the first 6 months in 2010.						

<sup>1</sup> The Ontario capital tax rate decreased from 0.285% to 0.225% effective January 1, 2007. The Ontario capital tax deduction also increased from \$10 million to \$12.5 million effective January 1, 2007, and from \$12.5 million to \$15 million effective January 1, 2008.

The Board is of the view that these tax changes when combined could be material and should be passed on to ratepayers using a 50/50 sharing as determined by the Board in the Reports.

Using the Boards rate model, Oshawa PUC's tax sharing amount is a refund of \$124,964. In its submission, Board staff noted that the amount of tax sharing, when unitized using Thunder Bay's volumetric billing determinants, results in \$(0.0000) energy-based kWh rate riders when rounded to four decimal places and \$(0.00) demand-based kW rate riders when rounded to two decimal places. As a result, Board staff suggested that the Board may wish to consider directing Oshawa PUC to record the tax sharing refund amount of \$124,964 in variance account 1595 for disposition in a future rate setting process. In its reply submission, Oshawa PUC agreed to record the tax sharing amount in the variance account 1595 for future disposition. The Board agrees with Board staff's suggestion and orders Oshawa PUC to record the tax sharing refund amount of \$124,964 in variance account 1595.

### **Harmonized Sales Tax**

The 8% Ontario provincial sales tax ("PST") and the 5% Federal goods and services tax ("GST") will be harmonized effective July 1, 2010, at 13%, pursuant to Ontario Bill 218 which received Royal Assent on December 15, 2009.

The PST is currently included in a distributor's OM&A expenses and capital expenditures. The PST is therefore included in the distributor's revenue requirement and is recovered from ratepayers through distribution rates.

When the PST and GST are harmonized, distributors will pay the HST on purchased goods and services but will claim an input tax credit ("ITC") for the PST portion. Therefore, the distributor will no longer incur that portion of the tax that was formerly applied as PST.

Board staff submitted that the Board may wish to consider the establishment of a deferral account to record the amounts, after July 1, 2010 and until Oshawa PUC's next cost-of-service rebasing application, that were formerly incorporated as the 8% PST on capital expenditures and expenses incurred, but which will now be eligible for an ITC. This account would track the incremental change due to the introduction of the HST that incorporates an increased ITC from the current 5% to a 13% level.

In its reply submission, Oshawa PUC stated that it does not agree with the establishment of a variance account to capture the reductions in OM&A and capital expenditures related to the impact of HST on its OM&A and capital expenditures.

The Board finds that it would not be incrementally onerous for distributors to track the ITC amounts as the distributor will need to file ITC information in GST/HST returns and go through the quantification process to satisfy the requirements by the tax authorities and that the final amounts will be confirmed by the tax authorities. In regulatory parlance, what Staff is suggesting is in the nature of a deferral account, not a variance account, and as such there is no need to compare these amounts with any reference to PST levels reflected in existing rates.

Rather, the issue in the Board's view is whether a distributor's cost reductions arising from the implementation of the HST should be returned to the ratepayers. In that regard, the Board notes that to do so would be consistent with what the Board has done with tax changes in second and third generation IRMs. In second generation IRM, the Board treated 100 % of the tax changes as a Z factor. In the third generation IRM, the Board determined that tax changes would be shared equally between ratepayers and the shareholder. The 50% was considered appropriate as the changes in input prices will flow through the GDP-IPI over time to some degree. The same rationale applies in the case of the HST.

The Board therefore directs that, beginning July 1, 2010, Oshawa PUC shall record in deferral account 1592 (PILs and Tax Variances, Sub-account HST / OVAT Input Tax Credits (ITCs)), the incremental ITC it receives on distribution revenue requirement items that were previously subject to PST and become subject to HST. Tracking of these amounts will continue in the deferral account until the effective date of Oshawa PUC's next cost of service rate order. Fifty percent (50%) of the confirmed balances in the account shall be returnable to the ratepayers.

The Board may issue more detailed accounting guidance in the future. In that event, the Applicant should make the appropriate accounting entries, if and as applicable.

### **Smart Meter Funding Adder**

On October 22, 2008 the Board issued a Guideline for Smart Meter Funding and Cost Recovery ("Smart Meter Guideline") which sets out the Board's filing requirements in

relation to the funding of, and the recovery of costs associated with, smart meter activities conducted by electricity distributors.

As set out in the Smart Meter Guideline, a distributor that plans to implement smart meters in the rate year must include, as part of the application, evidence that the distributor is authorized to conduct smart meter activities in accordance with applicable law. Oshawa PUC is authorized conduct smart meter activities because it is covered by paragraph 8 of section 1(1) of O. Reg. 427/06.

Oshawa PUC's originally applied for a utility-specific smart meter funding adder of \$1.28 per metered customer per month. As a result of interrogatories from VECC, Oshawa PUC updated its estimates and reduced the proposed funding adder from \$1.28 to \$1.00 per metered customer per month. The Board approves the revised funding adder as proposed by Oshawa PUC. This funding adder will be reflected in the Tariff of Rates and Charges. Oshawa PUC's variance accounts for smart meter program implementation costs, previously authorized by the Board, shall also be continued.

The Board notes that the smart meter funding adder of \$1.00 per metered customer per month is intended to provide funding for Oshawa PUC's smart metering activities in the 2010 rate year. The Board has not made any finding on the prudence of the proposed smart meter activities, including any costs for smart meters or advanced metering infrastructure whose functionality exceeds the minimum functionality adopted in O. Reg. 425/06, or costs associated with functions for which the Smart Metering Entity has the exclusive authority to carry out pursuant to O. Reg. 393/07. Such costs will be considered at the time that Oshawa PUC applies for the recovery of these costs.

### **Revenue-to-Cost Ratios**

Revenue-to-cost ratios measure the relationship between the revenues expected from a class of customers and the level of costs allocated to that class. The Board has established target Ratio ranges (the "Target Ranges") for Ontario electricity distributors in its report *Application of Cost Allocation for Electricity Distributors*, dated November 28, 2007.

The Board's Decision (EB-2007-0710) for Oshawa PUC's 2008 cost of service rate application prescribed a phase-in period to adjust its revenue-to-cost ratios.

Oshawa PUC proposed to adjust its revenue-to-cost ratios as shown in Column 2 in the table below.

**Oshawa PUC's Revenue-to-Cost Ratios (%)**

<b>Rate Class</b>	<b>2009 Ratio</b> Column 1	<b>Proposed 2010 Ratio</b> Column 2	<b>Target Range</b> Column 3
Residential	93.10	95.73	85 - 115
General Service Less Than 50 kW	127.37	120.00	80 - 120
General Service 50 to 999 kW	101.62	100.99	80 - 180
General Service 1,000 to 4,999 kW	237.30	180.00	80 - 180
Large Use > 5000 kW	154.52	115.00	85 - 115
Unmetered Scattered Load	163.34	120.00	80 - 120
Sentinel Lighting	55.33	70.00	70 - 120
Street Lighting	46.00	70.00	70 - 120

The Board finds that the proposed revenue-to-cost ratios are in accordance with the Board's findings in the decision referenced above. The Board therefore approves the proposed revenue-to-cost ratios.

**Retail Transmission Service Rates**

Electricity distributors are charged the Ontario Uniform Transmission Rates ("UTRs") at the wholesale level and subsequently pass these charges on to their distribution customers through the Retail Transmission Service Rates ("RTSRs"). There are two RTSRs, whereas there are three UTRs. The two RTSRs are for network and connection. The wholesale line and transformation connection rates are combined into one retail connection service charge. Deferral accounts are used to capture timing differences and differences in the rate that a distributor pays for wholesale transmission service compared to the retail rate that the distributor is authorized to charge when billing its customers (i.e., deferral accounts 1584 and 1586).

On May 28, 2009, the Board issued its Decision and Rate Order in proceeding EB-2008-0272, which set new UTRs for Ontario transmitters, effective July 1, 2009. The new UTRs effective July 1, 2009 were as follows:

- Network Service Rate was increased from \$2.57 to \$2.66 per kW per month, a 3.5% increase;
  - Line Connection Service Rate remained unchanged at \$0.70 per kW per month;
- and

- Transformation Connection Service Rate was decreased from \$1.62 to \$1.57 per kW per month, for a combined Line and Transformation Connection Service Rates reduction of 2.2%.

On July 22, 2009 the Board issued an amended “Guideline for *Electricity Distribution Retail Transmission Service Rates*” (“RTSR Guideline”), which provided electricity distributors with instructions on the evidence needed, and the process to be used, to adjust RTSRs to reflect the changes in the UTRs effective July 1, 2009. The Board set as a proxy at that time an increase of 3.5% for the Network Service Rate and reduction of 2.2% for the combined Line and Transformation Connection Service Rates. The Board also noted that there would be further changes to the UTRs in January 2010. The objective of resetting the rates is to minimize the prospective balances in deferral accounts 1584 and 1586.

On January 21, 2010, the Board approved new UTRs effective January 1, 2010. The new UTRs were as follows:

- Network Service Rate has increased from \$2.66 to \$2.97 per kW per month, an 11.7% increase over the July 1, 2009 level or 15.6% over the rate in effect prior to July 1, 2009;
- Line Connection Service Rate has increased from \$0.70 to \$0.73 per kW per month; and
- Transformation Connection Service Rate has increased from \$1.57 to \$1.71 per kW per month, for a combined Line and Transformation Connection Service Rates increase of 7.5% over the July 1, 2009 level or 5.2% over the rate in effect prior to July 1, 2009.

Oshawa PUC proposed to change the existing RTS rates by the same proportions as the changes in the UTRs noted above effective July 1, 2009. Therefore, Oshawa PUC has proposed to increase all of its RTS Network Rates by 3.5%, and decrease all of its RTS Connection Rates by 2.2%. However, in its reply submission, Oshawa PUC agreed with Board staff that the RTSR rates should reflect the January 1, 2010 UTRs.

The Board notes that very few distributors, including Oshawa PUC, included in their 2009 rates the July 1, 2009 level of UTRs since for most of them distribution rates would have been implemented on May 1, 2009. The Board also notes that Oshawa PUC agreed to reflect the January 1, 2010 UTRs. Therefore, in accordance with the July 22,

2009 RTSR Guideline, the Board finds that the revisions to the RTSRs ought to reflect the changes from the current level (i.e. rate in effect prior to July 1, 2009) over the to the January 1, 2010 level. This represents an increase of about 15.6% to the RTSR Network Service Rates, and an increase of about 5.2% to the RTSR Line and Transformation Connection Service Rates. The Board will reflect these findings in Oshawa PUC's draft Rate Order.

### **Review and Disposition of Group 1 Deferral and Variance Accounts**

The *Report of the Board on Electricity Distributors' Deferral and Variance Account Review Report* (the "EDDVAR Report") provides that, during the IRM plan term, the distributor's Group 1 account balances will be reviewed and disposed of if the preset disposition threshold of \$0.001 per kWh (debit or credit) is exceeded. The onus is on the distributor to justify why any account balance in excess of the threshold should not be disposed of.

On December 15, 2009 Oshawa PUC requested approval from the Board to withdraw its request to dispose of its Group 1 account balances from this rate application on the basis that the account balances were being reviewed for the years 2005 to 2008. Oshawa PUC indicated that the review is taking longer than expected due to the large amount of data and the complexity of the transactions recorded in the accounts under review. Oshawa PUC stated that it will request approval from the Board to dispose of the Group 1 account balances in its 2011 rate application.

In its submission, Board staff suggested that the Board should grant Oshawa PUC's request to withdraw this element of its application since the review undertaken by Oshawa PUC is important to ensure the correctness of the account balances. Board staff further suggested that the Board encourage Oshawa PUC to apply for the review and disposition of its Group 1 account balances immediately upon finalizing its review.

The Board will grant Oshawa PUC's request to withdraw its request to dispose of its Group 1 account balances from this rate application. The Board however directs Oshawa PUC to make application for the review and disposition of its Group 1 account balances no later than its 2011 rate application.

## **Review and Disposition of Lost Revenue Adjustment Mechanism**

Oshawa PUC sought approval to recover a LRAM claim of \$53,840 over a one year period. In response to interrogatories from VECC and Board staff on the source of the input assumptions used in calculating its LRAM claim, Oshawa PUC noted that it originally used the OEB's input assumptions consistent with prior year applications. In response to an interrogatory from Board staff, Oshawa PUC subsequently updated its LRAM claim using the latest Ontario Power Authority ("OPA") measures and assumptions list. This update reduced the LRAM claim from \$53,840 to \$43,486.

Board staff submitted that Oshawa's LRAM filing is consistent with the Board's filing guidelines and took no issue with Oshawa's revised LRAM claim.

The Board approves the LRAM claim of \$43,486 for recovery over a one year period.

## **Introduction of MicroFit Generator Service Classification and Rate**

Ontario's Feed-In Tariff (FIT) program for renewable energy generation was established in the Green Energy and Green Economy Act, 2009. The program includes a stream called Micro FIT, which is designed to encourage homeowners, businesses and others to generate renewable energy with projects of 10 kilowatts (kW) or less.

In its EB-2009-0326 Decision and Order, issued February 23, 2010, the Board approved the following service classification definition, which is to be used by all licensed distributors:

microFIT Generator

*This classification applies to an electricity generation facility contracted under the Ontario Power Authority's microFIT program and connected to the distributor's distribution system.*

On March 17, 2010, the Board approved a province-wide fixed service charge of \$5.25 per month for all electricity distributors effective September 21, 2009.

The microFIT Generator service classification and the service charge will be included in the Tariffs of Rates and Charges.

## **Rate Model**

The Board is providing Oshawa PUC with a rate model (spreadsheet) and a draft Tariff of Rates and Charges (Appendix A) that reflects the elements of this Decision. The Board also reviewed the entries in the rate model to ensure that they were in accordance with the 2009 Board approved Tariff of Rates and Charges and the rate model was adjusted, where applicable, to correct any discrepancies.

### **The Board Orders That:**

1. Oshawa PUC's new distribution rates shall be effective May 1, 2010.
2. Oshawa PUC shall review the draft Tariff of Rates and Charges set out in Appendix A. Oshawa PUC shall file with the Board a written confirmation assessing the completeness and accuracy of the draft Tariff of Rates and Charges, or provide a detailed explanation of any inaccuracies or missing information, within seven (7) calendar days of the date of this Decision and Order.

If the Board does not receive a submission by Oshawa PUC to the effect that inaccuracies were found or information was missing pursuant to item 1 of this Decision and Order:

3. The draft Tariff of Rates and Charges set out in Appendix A of this order will become final, effective May 1, 2010, and will apply to electricity consumed or estimated to have been consumed on and after May 1, 2010.

If the Board receives a submission by Oshawa PUC to the effect that inaccuracies were found or information was missing pursuant to item 1 of this Decision and Order, the Board will consider the submission of Oshawa PUC and will issue a final Tariff of Rates and Charges.

4. Oshawa PUC shall notify its customers of the rate changes no later than with the first bill reflecting the new rates.

## **Cost Awards**

The Board will issue a separate Decision on cost awards once the following steps are

completed:

1. VECC shall submit its cost claims by no later than 7 days from the date of this Decision and Order.
2. Oshawa PUC shall file its response, if any, by no later than 14 days from the date of this Decision and Order.
3. VECC shall file its reply to Oshawa PUC's response by no later than 21 days from the date of this Decision and Order.

**DATED** at Toronto, April 8, 2010

ONTARIO ENERGY BOARD

*Original signed by*

Kirsten Walli  
Board Secretary

Appendix A

To Decision and Order

EB-2009-0240

April 8, 2010

**Oshawa PUC Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2010**  
**except for the microFIT Generator Class effective date of September 21, 2009**

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

EB-2009-0240

## RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to residential customers residing in detached, semi detached, townhouse (freehold or condominium) dwelling units, duplexes or triplexes. Basic connection is defined as 100 amp 12/240 volt overhead service. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy and Infrastructure Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	8.43
Smart Meter Funding Adder	\$	1.00
Distribution Volumetric Rate	\$/kWh	0.0123
Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery		
Rate Rider – effective until April 30, 2011	\$/kWh	0.0001
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0061
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0047

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Oshawa PUC Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2010**  
**except for the microFIT Generator Class effective date of September 21, 2009**

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

EB-2009-0240

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

This classification refers to a non-residential account taking electricity at 750 volts or less whose monthly peak demand is less than or expected to be less than 50 kW. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy and Infrastructure Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

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

Service Charge	\$	8.37
Smart Meter Funding Adder	\$	1.00
Distribution Volumetric Rate	\$/kWh	0.0172
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0055
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0043

### **MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Oshawa PUC Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2010**  
**except for the microFIT Generator Class effective date of September 21, 2009**

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

EB-2009-0240

## GENERAL SERVICE 50 to 999 kW SERVICE CLASSIFICATION

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

General Service 50 to 200 kW

General Service over 200 kW

Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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.

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### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	42.98
Smart Meter Funding Adder	\$	1.00
Distribution Volumetric Rate	\$/kW	3.7444
Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery Rate Rider – effective until April 30, 2011	\$/kW	0.0023
Retail Transmission Rate – Network Service Rate	\$/kW	2.0119
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5399
Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	2.5787
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	\$/kW	1.9561

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Oshawa PUC Networks Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2010**  
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EB-2009-0240

**GENERAL SERVICE 1,000 to 4,999 kW FORMERLY REFERRED TO AS  
INTERMEDIATE OR TIME OF USE SERVICE CLASSIFICATION**

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 1,000 kW 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 1,000 to 5,000 kW non-interval metered

General Service 1,000 to 5,000 kW interval metered.

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	\$	1,187.93
Smart Meter Funding Adder	\$	1.00
Distribution Volumetric Rate	\$/kW	2.6385
Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	2.5787
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	\$/kW	1.9561

**MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Oshawa PUC Networks Inc.**  
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EB-2009-0240

## **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. 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	\$	8,042.89
Smart Meter Funding Adder	\$	1.00
Distribution Volumetric Rate	\$/kW	2.2115
Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	2.7475
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	\$/kW	2.1344

### **MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Oshawa PUC Networks Inc.**  
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EB-2009-0240

## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. 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 (per connection)	\$	3.32
Distribution Volumetric Rate	\$/kWh	0.0138
Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery Rate Rider – effective until April 30, 2011	\$/kWh	0.0038
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0055
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0043

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Oshawa PUC Networks Inc.**  
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EB-2009-0240

## **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**

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

Service Charge (per connection)	\$	4.21
Distribution Volumetric Rate	\$/kW	9.5313
Retail Transmission Rate – Network Service Rate	\$/kW	1.3877
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.8078

### **MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

**Oshawa PUC Networks Inc.**  
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EB-2009-0240

## **STREET LIGHTING SERVICE CLASSIFICATION**

This classification refers to accounts concerning roadway lighting for a Municipality, Regional Municipality, and/or Ministry of Transportation. This lighting will be controlled by photo cells. The consumption for these customers will be based on the calculated connected load times as established in the approved OEB Street Lighting Load Shape Template. 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 (per connection)	\$	1.14
Distribution Volumetric Rate	\$/kW	17.8738
Retail Transmission Rate – Network Service Rate	\$/kW	1.3641
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.7771

### **MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

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EB-2009-0240

**microFIT GENERATOR SERVICE CLASSIFICATION**

This classification applies to an electricity generation facility contracted under the Ontario Power Authority'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 – effective September 21, 2009**

Service Charge	\$	5.25
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EB-2009-0240

**ALLOWANCES**

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

**SPECIFIC SERVICE CHARGES****APPLICATION**

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<b>Customer Administration</b>		
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
<b>Non-Payment of Account</b>		
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
Specific Charge for Access to the Power Poles – per pole/year	\$	22.35

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## RETAIL SERVICE CHARGES (if applicable)

### APPLICATION

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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 charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing 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	1.0487
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0382
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0045