



**EB-2012-0123**

**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 Essex Powerlines Corporation for an order or orders approving or fixing just and reasonable distribution rates and other charges, to be effective May 1, 2013.

**BEFORE:** Marika Hare  
Presiding Member

**DECISION AND ORDER**  
**April 4, 2013**

**Introduction**

Essex Powerlines Corporation (“EPLC”), a licensed distributor of electricity, filed an application with the Ontario Energy Board (the “Board”) on October 12, 2012 under section 78 of the *Ontario Energy Board Act, 1998*, S.O. 1998, c. 15, (Schedule B), seeking approval for changes to the rates that EPLC charges for electricity distribution, to be effective May 1, 2013.

EPLC is one of 77 electricity distributors in Ontario regulated by the Board. The *Report of the Board on 3<sup>rd</sup> Generation Incentive Regulation for Ontario’s Electricity Distributors* (the “IR Report”), issued on July 14, 2008, established a three year plan for 3<sup>rd</sup> generation incentive regulation mechanism (“IRM”) (i.e., rebasing plus three years). In its October 27, 2010 letter regarding the development of a Renewed Regulatory Framework for Electricity (“RRFE”), the Board announced that it was extending the IRM plan until such time as the RRFE policy initiatives have been substantially completed. In a letter dated October 18, 2012, the Board stated its expectation that the three rate

setting methods set out in the *Report of the Board – Renewed Regulatory Framework for Electricity Distributors: A Performance-Based Approach* would be available for the 2014 rate year.

As part of the plan, EPLC is one of the electricity distributors that will have its rates adjusted for 2013 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. EPLC also sought approval for revenue-to-cost ratio adjustments.

To streamline the process for the approval of distribution rates and charges for distributors, the Board issued its IR Report, *Supplemental Report of the Board on 3<sup>rd</sup> Generation Incentive Regulation for Ontario's Electricity Distributors* on September 17, 2008 (the "Supplemental Report"), and *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 (collectively the "Reports"). Among other things, the Reports provide the relevant guidelines for 2013 rate adjustments for distributors applying for distribution rate adjustments pursuant to the IRM process. On June 28, 2012, the Board issued an update to Chapter 3 of the Board's *Filing Requirements for Transmission and Distribution Applications* (the "Filing Requirements"), which outlines the application filing requirements for IRM applications based on the policies in the Reports.

Notice of EPLC's rate application was given through newspaper publication in EPLC'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 Notice of Application indicated that intervenors could be eligible for cost awards with respect to EPLC's proposed revenue-to-cost ratio adjustments. The Vulnerable Energy Consumers Coalition ("VECC") applied and was granted intervenor status in this proceeding. The Board granted VECC eligibility for cost awards in regards to EPLC's request for revenue-to-cost ratio adjustments. 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 proceeding, 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;

- Rural or Remote Electricity Rate Protection Charge;
- Wholesale Market Service Rate;
- Smart Metering Entity Charge;
- MicroFIT Service Charge;
- Revenue-to-Cost Ratio Adjustments;
- Shared Tax Savings Adjustments;
- Retail Transmission Service Rates; and
- Review and Disposition of Group 1 Deferral and Variance Account Balances.

### Price Cap Index Adjustment

As outlined in the Reports, distribution rates under the IRM are to be adjusted by a price escalator, less a productivity factor of 0.72% and a stretch factor.

On March 21, 2013, the Board announced a price escalator of 1.6% for those distributors under IRM that have a rate year commencing May 1, 2013.

The stretch factors are assigned to distributors based on the results of two benchmarking evaluations to divide the Ontario industry into three efficiency cohorts. In its letter to Licensed Electricity Distributors dated November 28, 2012 the Board assigned EPLC to efficiency cohort 2, being the middle group, and a resulting cohort specific stretch factor of 0.4%.

The Board therefore has determined, on that basis, that the resulting price cap index adjustment is 0.48% (i.e.  $1.6\% - (0.72\% + 0.4\%)$ ). The price cap index adjustment applies to distribution rates (fixed and variable charges) uniformly across customer classes.

The price cap index adjustment does not apply to the following components of delivery rates:

- Rate Riders;
- Rate Adders;
- Low Voltage Service Charges;
- Retail Transmission Service Rates;
- Wholesale Market Service Rate;
- Rural or Remote Rate Protection Charge;

- Standard Supply Service – Administrative Charge;
- Transformation and Primary Metering Allowances;
- Loss Factors;
- Specific Service Charges;
- MicroFIT Service Charge; and
- Retail Service Charges.

### **Rural or Remote Electricity Rate Protection Charge**

On March 21, 2013, the Board issued a Decision with Reasons and Rate Order (EB-2013-0067) establishing that the Rural or Remote Electricity Rate Protection (“RRRP”) used by rate regulated distributors to bill their customers shall be \$0.0012 per kilowatt hour effective May 1, 2013. The draft Tariff of Rates and Charges flowing from this Decision and Order reflects this RRRP charge.

### **Wholesale Market Service Rate**

On March 21, 2013, the Board issued a Decision with Reasons and Rate Order (EB-2013-0067) establishing that the Wholesale Market Service rate (“WMS rate”) used by rate regulated distributors to bill their customers shall be \$0.0044 per kilowatt hour effective May 1, 2013. The draft Tariff of Rates and Charges flowing from this Decision and Order reflects this WMS rate.

### **Smart Metering Entity Charge**

On March 28, 2013, the Board issued a Decision and Order (EB-2012-0100/EB-2012-0211) establishing a Smart Metering Entity charge of \$0.79 per month for Residential and General Service < 50kW customers for those distributors identified in the Board’s annual *Yearbook of Electricity Distributors*. This charge will be in effect from May 1, 2013 to October 31, 2018. The draft Tariff of Rates and Charges flowing from this Decision and Order reflects this Smart Metering Entity charge.

### **MicroFIT Service Charge**

On September 20, 2012, the Board issued a letter advising that the default province-wide fixed monthly charge for all electricity distributors related to the microFIT Generator Service Classification was to be updated to \$5.40 per month effective with the implementation of electricity distributors’ 2013 rates applications. The draft Tariff of

Rates and Charges flowing from this Decision and Order reflects the new default microFIT service charge.

### **Revenue-to-Cost Ratio Adjustments**

Revenue-to-cost ratios measure the relationship between the revenues expected from a class of customers and the level of costs allocated to that class. The 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 and in its updated report *Review of Electricity Distribution Cost Allocation Policy*, dated March 31, 2011.

Pursuant to the Settlement Agreement Proposal approved by the Board in EPLC’s 2010 cost of service application (EB-2009-0143), EPLC proposed to increase the revenue-to-cost ratio for the Sentinel Lighting and Street Lighting rate classes to the bottom of the target ranges.

The additional revenues from these adjustments would be offset by reductions in the revenue-to-cost ratios for the General Service 50 to 2,999 kW and General Service 3,000 to 4,999 kW rate classes. The Settlement Agreement specified that EPLC was to apply the same revenue-to-cost ratios for the General Service 50 to 2,999 kW and General Service 3,000 to 4,999 kW rate classes.

EPLC proposed to decrease the revenue-to-cost ratios for the General Service 50 to 2,999 kW and the General Service 3,000 to 4,999 kW rate class to 1.03 and 1.06 respectively. In response to VECC interrogatory #1, EPLC stated that this was an error and provided a correction to the revenue-to-cost ratios as filed.

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

Rate Class	Current 2012 Ratio	Proposed 2013 Ratio	Corrected 2013 Ratio
Residential	1.00	1.00	1.00
General Service Less Than 50 kW	1.00	1.00	1.00
General Service 50 to 2,999 kW	1.06	1.03	1.03
General Service 3,000 to 4,999 kW	1.06	1.06	1.03
Street Lighting	0.60	0.70	0.70
Sentinel Lighting	0.61	0.70	0.70
Unmetered Scattered Load	1.20	1.20	1.20

VECC submitted that the corrected revenue-to-cost ratio adjustments were in accordance with the Board's decision in EPLC's 2010 cost of service proceeding.

The Board agrees that the corrected revenue-to-cost ratios are consistent with the decision arising from the 2010 cost of service proceeding and therefore approves the revenue-to-cost ratios as filed.

### Shared Tax Savings Adjustments

In its Supplemental Report, the Board determined that a 50/50 sharing of the impact of currently known legislated tax changes, as applied to the tax level reflected in the Board-approved base rates for a distributor, is appropriate.

The calculated annual tax reduction will be allocated to customer rate classes on the basis of the Board-approved base-year distribution revenue. These amounts will be refunded to customers over a 12-month period, through a volumetric rate rider using annualized consumption by customer class underlying the Board-approved base rates.

EPLC's application identified a total tax savings of \$157,696 resulting in a shared amount of \$78,848 to be refunded to rate payers.

The Board approves the disposition of the shared tax savings of \$78,848 over a one year period (i.e. May 1, 2013 to April 30, 2014) and the associated rate riders for all customer rate classes.

### **Retail Transmission Service Rates (“RTSRs”)**

Electricity distributors are charged for transmission costs at the wholesale level and subsequently pass these charges on to their distribution customers through the RTSRs. Variance 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. variance Accounts 1584 and 1586).

On June 22, 2012 the Board issued revision 3.0 of the *Guideline G-2008-0001 - Electricity Distribution Retail Transmission Service Rates* (the “RTSR Guideline”). The RTSR Guideline outlines the information that the Board requires electricity distributors to file to adjust their RTSRs for 2013. The RTSR Guideline requires electricity distributors to adjust their RTSRs based on a comparison of historical transmission costs adjusted for the new Ontario Uniform Transmission Rates levels and the revenues generated under existing RTSRs. Similarly, embedded distributors whose host is Hydro One Networks Inc. (“Hydro One”) should adjust their RTSR’s to reflect any changes in Hydro One’s Sub-Transmission class RTSRs. The objective of resetting the rates is to minimize the prospective balances in Accounts 1584 and 1586. In order to assist electricity distributors in the calculation of the distributors’ specific RTSRs, Board staff provided a filing module.

EPLC is an embedded distributor whose host is Hydro One.

On December 20, 2012, the Board approved new rates for Hydro One Sub-Transmission class RTSRs effective January 1, 2013 (EB-2012-0136), as shown in the following table.

**2013 Sub-Transmission RTSRs**

Network Service Rate	\$3.18 per kW
<u>Connection Service Rates</u>	
Line Connection Service Rate	\$0.70 per kW
Transformation Connection Service Rate	\$1.63 per kW

The Board finds that these Sub-Transmission class RTSRs are to be incorporated into the filing module.

**Review and Disposition of Group 1 Deferral and Variance Account Balances**

The *Report of the Board on Electricity Distributors' Deferral and Variance Account Review Report Initiative* (the "EDDVAR Report") provides that, during the IRM plan term, the distributor's Group 1 account balances will be reviewed and disposed 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.

EPLC's original application included a request for the disposition of a credit balance of \$253,292 comprised of its Group 1 Deferral and Variance Account Balances and Account 1521. In response to Board staff interrogatory #6, EPLC confirmed that the inclusion of the balance in Account 1521 was an error, and updated its continuity table to remove the amount.

EPLC's 2011 actual year-end total balance for Group 1 Accounts including interest projected to April 30, 2013 is a credit of \$263,605. This amount results in a total credit claim of \$0.0005 per kWh, which does not exceed the preset disposition threshold.

In its submission, Board staff noted that the principal amounts to be disposed as of December 31, 2011 reconcile with the amounts reported as part of the *Reporting and Record-keeping Requirements* ("RRR").

The Board therefore finds that no disposition is required at this time.

**Rate Model**

With this Decision, the Board is providing EPLC with a rate model (spreadsheet) and



applicable supporting models and a draft Tariff of Rates and Charges (Appendix A) that reflects the elements of this Decision. The Board has reviewed the entries in the rate model to ensure that they are in accordance with the 2012 Board approved Tariff of Rates and Charges and the rate model was adjusted, where applicable, to correct any discrepancies.

### THE BOARD ORDERS THAT:

1. EPLC's new distribution rates shall be effective May 1, 2013.
2. EPLC shall review the draft Tariff of Rates and Charges set out in Appendix A. EPLC 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 **7 days** of the date of issuance of this Decision and Order.
3. If the Board does not receive a submission from EPLC to the effect that inaccuracies were found or information was missing pursuant to item 2 of this Decision and Order, the draft Tariff of Rates and Charges set out in Appendix A of this Decision and Order will become final and will apply to electricity consumed or estimated to have been consumed on and after May 1, 2013. EPLC shall notify its customers of the rate changes no later than with the first bill reflecting the new rates.
4. If the Board receives a submission from EPLC to the effect that inaccuracies were found or information was missing pursuant to item 2 of this Decision and Order, the Board will consider the submission of EPLC and will issue a final Tariff of Rates and Charges.

### Cost Awards

The Board will issue a separate decision on cost awards once the following steps are completed:

1. VECC shall submit their cost claims no later than **7 days** from the date of issuance of the final Rate Order.
2. EPLC shall file with the Board and forward to VECC any objections to the claimed costs within **17 days** from the date of issuance of the final Rate Order.

3. VECC shall file with the Board and forward to EPLC any responses to any objections for cost claims within **24 days** from the date of issuance of the final Rate Order.
4. EPLC shall pay the Board's costs incidental to this proceeding upon receipt of the Board's invoice.

All filings to the Board must quote file number **EB-2012-0123**, be made through the Board's web portal at, <https://www.pes.ontarioenergyboard.ca/eservice/> and consist of two paper copies and one electronic copy in searchable / unrestricted PDF format. Filings must clearly state the sender's name, postal address and telephone number, fax number and e-mail address. Parties must use the document naming conventions and document submission standards outlined in the RESS Document Guideline found at [www.ontarioenergyboard.ca](http://www.ontarioenergyboard.ca). If the web portal is not available parties may email their document to [BoardSec@ontarioenergyboard.ca](mailto:BoardSec@ontarioenergyboard.ca). Those who do not have internet access are required to submit all filings on a CD in PDF format, along with two paper copies. Those who do not have computer access are required to file 2 paper copies.

**DATED** at Toronto, April 4, 2013

## **ONTARIO ENERGY BOARD**

*Original signed by*

Kirsten Walli  
Board Secretary

**Appendix A**  
**To Decision and Order**  
**Draft Tariff of Rates and Charges**  
**Board File No: EB-2012-0123**  
**DATED: April 4, 2013**

# Essex Powerlines Corporation

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2013

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

EB-2012-0123

## RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. 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. 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

## MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	12.74
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0150
Low Voltage Service Rate	\$/kWh	0.0010
Rate Rider for Disposition of Global Adjustment Sub-Account (2010) – effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	(0.0003)
Rate Rider for Disposition of Deferral/Variance Accounts (2010) – effective until April 30, 2014	\$/kWh	(0.0008)
Rate Rider for Application of Tax Change – effective until April 30, 2014	\$/kWh	(0.0002)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0081
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0081

## MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Issued April 4, 2013

# Essex Powerlines Corporation

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2013

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

EB-2012-0123

## GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

This classification refers to a non residential 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. 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. 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	33.35
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0114
Low Voltage Service Rate	\$/kWh	0.0010
Rate Rider for Disposition of Global Adjustment Sub-Account (2010) – effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	(0.0003)
Rate Rider for Disposition of Deferral/Variance Accounts (2010) – effective until April 30, 2014	\$/kWh	(0.0006)
Rate Rider for Application of Tax Change – effective until April 30, 2014	\$/kWh	(0.0001)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0077

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Essex Powerlines Corporation

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2013

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

EB-2012-0123

## GENERAL SERVICE 50 to 2,999 kW SERVICE CLASSIFICATION

This classification refers to a non residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 3,000 kW. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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. 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	220.90
Distribution Volumetric Rate	\$/kW	2.0981
Low Voltage Service Rate	\$/kW	0.3506
Rate Rider for Disposition of Global Adjustment Sub-Account (2010) – effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	(0.1219)
Rate Rider for Disposition of Deferral/Variance Accounts (2010) – effective until April 30, 2014	\$/kW	(0.2431)
Rate Rider for Application of Tax Change – effective until April 30, 2014	\$/kWh	(0.0225)
Retail Transmission Rate – Network Service Rate	\$/kW	2.8991
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	3.0778
Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	3.5713
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	\$/kW	3.4127

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Essex Powerlines Corporation

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2013

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

EB-2012-0123

## GENERAL SERVICE 3,000 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, or is forecast to be equal to or greater than, 3,000 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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. 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	1,451.21
Distribution Volumetric Rate	\$/kW	1.3457
Low Voltage Service Rate	\$/kW	0.4094
Rate Rider for Disposition of Global Adjustment Sub-Account (2010) – effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	(0.6753)
Rate Rider for Disposition of Deferral/Variance Accounts (2010) – effective until April 30, 2014	\$/kW	(1.0514)
Rate Rider for Application of Tax Change – effective until April 30, 2014	\$/kWh	(0.0210)
Retail Transmission Rate – Network Service Rate	\$/kW	3.5713
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	3.4127

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Essex Powerlines Corporation

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2013

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

EB-2012-0123

## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account whose monthly average peak 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 customer will provide detailed manufacturer information/documentation with regard to electrical consumption of the proposed unmetered load. 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. 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	\$	9.05
Distribution Volumetric Rate	\$/kWh	0.0282
Low Voltage Service Rate	\$/kWh	0.0010
Rate Rider for Disposition of Global Adjustment Sub-Account (2010) – effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	(0.0003)
Rate Rider for Disposition of Deferral/Variance Accounts (2010) – effective until April 30, 2014	\$/kWh	(0.0007)
Rate Rider for Application of Tax Change – effective until April 30, 2014	\$/kWh	(0.0003)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0077

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Issued April 4, 2013



# Essex Powerlines Corporation

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2013

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

EB-2012-0123

## 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 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. 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	\$	3.24
Distribution Volumetric Rate	\$/kW	9.2956
Low Voltage Service Rate	\$/kW	0.2816
Rate Rider for Disposition of Global Adjustment Sub-Account (2010) – effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	(0.1061)
Rate Rider for Disposition of Deferral/Variance Accounts (2010) – effective until April 30, 2014	\$/kW	(0.2610)
Rate Rider for Application of Tax Change – effective until April 30, 2014	\$/kWh	(0.0898)
Retail Transmission Rate – Network Service Rate	\$/kW	2.2320
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.3462

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Essex Powerlines Corporation

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2013

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

EB-2012-0123

## STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, 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. 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. 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	\$	3.13
Distribution Volumetric Rate	\$/kW	8.4872
Low Voltage Service Rate	\$/kW	0.2798
Rate Rider for Disposition of Global Adjustment Sub-Account (2010) – effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	(0.0940)
Rate Rider for Disposition of Deferral/Variance Accounts (2010) – effective until April 30, 2014	\$/kW	(0.1344)
Rate Rider for Application of Tax Change – effective until April 30, 2014	\$/kWh	(0.0824)
Retail Transmission Rate – Network Service Rate	\$/kW	2.2008
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.3312

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Issued April 4, 2013

# Essex Powerlines Corporation

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2013

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

EB-2012-0123

## 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

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, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

### 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)

# Essex Powerlines Corporation

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2013

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

EB-2012-0123

## 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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the Board, or as specified herein.

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

Customer Administration		
Arrears Certificate	\$	15.00
Statement of account	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement Letter	\$	15.00
Income tax Letter	\$	15.00
Account history	\$	15.00
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
Collection of account charge - no disconnection – after regular hours	\$	165.00
Disconnect/Reconnect Charge - At Meter During Regular Hours	\$	65.00
Disconnect/Reconnect Charge - 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
Service call – customer owned equipment	\$	30.00
Service call – after regular hours	\$	165.00
Temporary service install & remove – overhead – no transformer	\$	500.00
Temporary service install & remove – underground – no transformer	\$	300.00
Temporary service install & remove – overhead – with transformer	\$	1000.00
Specific Charge for Access to the Power Poles – per pole/year	\$	22.35

# Essex Powerlines Corporation

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2013

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

EB-2012-0123

## 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 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, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit 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	1.0602
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0496

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