



**EB-2010-0082**

**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, 2011.

**BEFORE:** Karen Taylor  
Presiding Member

Paula Conboy  
Member

## **DECISION AND ORDER**

### **Introduction**

Essex Powerlines Corporation (“Essex”), a licensed distributor of electricity, filed an application with the Ontario Energy Board (the “Board”) received on September 30, 2010, 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 Essex charges for electricity distribution, to be effective May 1, 2011.

Essex is one of 80 electricity distributors in Ontario 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, which would 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, Essex is one of the electricity distributors that will have its rates adjusted for 2011 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 2011 rate adjustments for distributors applying for distribution rate adjustments pursuant to the IRM process. On July 9, 2010 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 Filing Requirements for IRM applications based on the policies in the Reports.

Notice of Essex's rate application was given through newspaper publication in Essex'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. VECC was granted cost eligibility for participation in the proceeding in relation to Essex'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;
- Changes in the Federal and Provincial Income Tax Rates;
- Smart Meter Funding Adder;
- Revenue-to-Cost Ratios;
- Retail Transmission Service Rates;
- Review and Disposition of Group 1 Deferral and Variance Accounts; and
- Late Payment Penalty Litigation Costs.

## Price Cap Index Adjustment

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

As outlined in the Reports, distribution rates under the 3<sup>rd</sup> Generation IRM are to be adjusted by a price escalator less a productivity factor (X-factor) of 0.72% and Essex's utility specific stretch factor of 0.4%. Based on the final 2010 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 rate model reflects this price cap index adjustment. The price cap index adjustment applies to distribution rates (fixed and variable charges) uniformly across all customer classes.

The price cap index adjustment will 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 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.

## Changes in the Federal and Provincial Income Tax Rates

In its *Supplemental Report of the Board on 3<sup>rd</sup> Generation Incentive Regulation for Ontario's Electricity Distributors* dated September 17, 2008, the Board determined that a 50/50 sharing of the impact of currently known legislated changes, as applied to the tax level reflected in the Board-approved base rates for a distributor, is appropriate for the 3<sup>rd</sup> Generation IRM applications. This was based on a decision of the Board in a

proceeding in relation to natural gas distributors' (EB-2007-0606/615) incentive regulation applications in which tax as a Z-factor was being considered. In this decision, the Board found that a 50/50 sharing is appropriate because it recognizes that tax changes already flow to some extent through the inflation factor, though the precise timing and quantum of the tax reduction during a current IRM period is not known.

The calculated annual tax reduction over the plan term 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 each year of the plan term, over a 12-month period, through a volumetric rate rider derived using annualized consumption by customer class underlying the Board-approved base rates.

In 2011, the maximum income tax rate is 28.25%, the minimum rate for those distributors eligible for both the federal and Ontario small business deduction is 15.50%, and the blended tax rate varies for certain distributors that are only eligible for the Ontario small business deduction. The model provided to distributors calculates the amount of change caused by the tax rate reductions and adjusts distribution rates by 50% of the total change from those taxes included in the most recent cost of service base distribution rates.

The Board finds that a 50/50 sharing of the impact of changes from the tax level reflected in the Board-approved base rates to the currently known legislated tax level for 2011 is appropriate and shall be effected by means of a rate rider over a one-year period.

### **Smart Meter Funding Adder**

On October 22, 2008 the Board issued the *Guideline for Smart Meter Funding and Cost Recovery* which sets out the Board's filing requirements in relation to the funding and recovery of costs associated with smart meter activities conducted by electricity distributors.

Essex requested the continuation of its utility-specific smart meter funding adder of \$1.96 per metered customer per month. Since the deployment of smart meters on a province-wide basis is now nearing completion, the Board expects distributors to file for a final prudence review at the earliest possible opportunity following the availability of audited costs. For those distributors that are scheduled to file a cost-of-service application for 2012 distribution rates, the Board expects that they will apply for the

disposition of smart meter costs and subsequent inclusion in rate base. For those distributors that are scheduled to remain on IRM, the Board expects these distributors to file an application with the Board seeking final approval for smart meter related costs. In the interim, the Board will approve the continuation of Essex's SMFA of \$1.96 per metered customer per month from May 1, 2011 to April 30, 2012. This SMFA adder will be reflected in the Tariff of Rates and Charges, and will cease on April 30, 2012. Essex's variance accounts for smart meter program implementation costs, previously authorized by the Board, shall be continued.

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 Essex applies for the recovery of these costs on a final basis, if applicable.

### **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-2009-0143) for Essex's 2010 cost of service rate application prescribed a phase-in period to adjust its revenue-to-cost ratios.

In response to interrogatories from VECC, Essex revised its proposed revenue-to-cost ratios. The revised revenue-to-cost ratios are shown in Column 2 of Table 1.

**Table 1 – Essex’s Revenue-to-Cost Ratios (%)**

<b>Rate Class</b>	<b>2010 Ratio</b>	<b>Proposed 2011 Ratio</b>	<b>Target Range</b>
	Column 1	Column 2	Column 3
Residential	100.0	100.0	85 – 115
GS < 50 kW	65.0	80.0	80 – 120
GS 50 – 2,999 kW	150.0	131.0	80 – 180
GS 3,000 – 4,999 kW	150.0	131.0	85 – 180
Sentinel Lighting	46.0	54.0	70 – 120
Street Lighting	41.0	50.7	70 – 120
Unmetered Scattered Load	120.0	120.0	80 – 120

Board staff and VECC submitted that the revised revenue-to-cost ratios are in accordance with the Board’s findings in its EB-2009-0143 Decision.

The Board agrees that the revised revenue-to-cost ratios are in accordance with the Board’s findings referenced above. The Board therefore approves the revised 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”). 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 July 8, 2010 the Board issued revision 2.0 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 2011. The RTSR Guideline requires electricity distributors to adjust their RTSRs based on a comparison of historical transmission costs adjusted for the new UTR levels and the revenues generated under existing 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 distributor's specific RTSRs, Board staff provided a filing module. On January 18, 2011, the Board issued its Rate Order for Hydro One Transmission (EB-2010-0002) which adjusted the UTRs effective January 1, 2011. The new UTRs are shown in the following table:

<b>Table 2 - Uniform Transmission Rates</b>	<b>kW Monthly Rates</b>		<b>Change</b>
	<b>Jan 1, 2010</b>	<b>Jan 1, 2011</b>	
Network Service Rate	\$2.97	\$3.22	+8.4%
<u>Connection Service Rates</u>			
Line Connection Service Rate	\$0.73	\$0.79	
Transformation Connection Service Rate	\$1.71	\$1.77	
			+4.9%

The Board has adjusted each distributor's rate application model to incorporate these changes.

Based on the filing module provided by Board staff and the new UTRs effective January 1, 2011 noted in the table above, the Board approves the changes to the RTSRs calculated in the filing module.

### **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 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.

Essex's Group 1 account balances did not exceed the preset disposition threshold referenced above. The Board therefore finds that no disposition is required at this time.

## Late Payment Penalty Litigation Costs

In this application, Essex requested the recovery of a one time expense of \$75,618 related to the late payment penalty (“LPP”) costs and damages resulting from a court settlement that addressed litigation against many of the former municipal electricity utilities in Ontario.

On October 29, 2010 the Board commenced a generic proceeding on its own motion to determine whether Affected Electricity Distributors<sup>1</sup>, including Essex, should be allowed to recover from their ratepayers the costs and damages incurred as a result of the Minutes of Settlement approved on April 21, 2010 by the Honourable Mr. Justice Cumming of the Ontario Superior Court of Justice (Court File No. 94-CQ-r0878) and as amended by addenda dated July 7, 2010 and July 8, 2010 in the late payment penalty class action and if so, the form and timing of such recovery. This proceeding was assigned file No. EB-2010-0295.

On February 22, 2011, the Board issued its Decision and Order and determined that it is appropriate for the Affected Electricity Distributors to be eligible to recover the costs and damages associated with the LPP class action in rates. The decision set out a listing of each Affected Electricity Distributor and their share of the class action costs that is approved for recovery. The Board also directed Affected Electricity Distributors such as Essex to file with the Board detailed calculations including supporting documentation, outlining the derivation of the rate riders based on the methodology outlined in the EB-2010-0295 Decision and Order. The Board noted that the rate riders submitted would be verified in each Affected Electricity Distributor’s IRM or cost of service application, as applicable. Essex elected to recover the amount approved in the EB-2010-0295 proceeding and accordingly filed the associated rate riders.

The Board has reviewed Essex’s proposed rate riders and notes that Essex requested that it use the connection data approved in its 2010 cost of service rate application for the Street Lighting and Sentinel Lighting rate classes due to the change in the number of connections since 2009. The Board notes that the reduction in the number of connections for the Street Lighting rate class is about 65% and 57% for the Sentinel Lighting rate class. The Board will approve Essex’s proposed rate riders as filed.

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<sup>1</sup> As defined in the Board’s Decision and Order EB-2010-0295



**Rate Model**

With this Decision, the Board is providing Essex 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 also reviewed the entries in the rate model to ensure that they were in accordance with the 2010 Board approved Tariff of Rates and Charges and the rate model was adjusted, where applicable, to correct any discrepancies.

**THE BOARD ORDERS THAT:**

1. Essex's new distribution rates shall be effective May 1, 2011.
2. Essex shall review the draft Tariff of Rates and Charges set out in Appendix A. Essex 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.
3. If the Board does not receive a submission from Essex 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 order will become final effective May 1, 2011, and will apply to electricity consumed or estimated to have been consumed on and after May 1, 2011. Essex 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 Essex 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 Essex and will issue a final Tariff of Rates and Charges.
5. Essex shall pay the Board's costs incidental to this proceeding upon receipt of the Board's invoice.

## Cost Awards

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

1. Intervenors eligible for cost awards shall submit their cost claims by no later than 14 days from the date of this Decision and Order.
2. Essex shall file its response, if any, by no later than 28 days from the date of this Decision and Order.
3. Intervenors shall file their reply to Essex's response by no later than 35 days from the date of this Decision and Order.

All filings to the Board must quote file number **EB-2010-0082**, be made through the Board's web portal at, [www.errr.ontarioenergyboard.ca](http://www.errr.ontarioenergyboard.ca) 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 the address below. 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 7 paper copies.

**DATED** at Toronto, March 17, 2011  
**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-2010-0082**

**DATED: March 17, 2011**

# Essex Powerlines Corporation

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2011

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

EB-2010-0082

## 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.

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 Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

## MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	12.57
Smart Meter Funding Adder – effective until April 30, 2012	\$	1.96
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	\$	0.17
Distribution Volumetric Rate	\$/kWh	0.0148
Low Voltage Service Rate	\$/kWh	0.0010
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	(0.0003)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	\$/kWh	(0.0008)
Rate Rider for Tax Change – effective until April 30, 2012	\$/kWh	(0.0001)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0049

## 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

# Essex Powerlines Corporation

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2011

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

EB-2010-0082

## 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.

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 Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	25.89
Smart Meter Funding Adder – effective until April 30, 2012	\$	1.96
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	\$	0.19
Distribution Volumetric Rate	\$/kWh	0.0088
Low Voltage Service Rate	\$/kWh	0.0010
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	(0.0003)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	\$/kWh	(0.0006)
Rate Rider for Tax Change – effective until April 30, 2012	\$/kWh	(0.0001)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0057
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

# Essex Powerlines Corporation

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2011

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

EB-2010-0082

## 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.

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 Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	262.15
Smart Meter Funding Adder – effective until April 30, 2012	\$	1.96
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	\$	5.69
Distribution Volumetric Rate	\$/kW	2.4899
Low Voltage Service Rate	\$/kW	0.3506
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	(0.1219)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	\$/kW	(0.2431)
Rate Rider for Tax Change – effective until April 30, 2012	\$/kW	(0.0188)
Retail Transmission Rate – Network Service Rate	\$/kW	2.3273
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.8648
Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	2.8670
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	\$/kW	2.0667

### 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

# Essex Powerlines Corporation

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2011

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

EB-2010-0082

## 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.

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 Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	1,734.31
Smart Meter Funding Adder – effective until April 30, 2012	\$	1.96
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	\$	37.85
Distribution Volumetric Rate	\$/kW	1.6082
Low Voltage Service Rate	\$/kW	0.4094
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	(0.6753)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	\$/kW	(1.0514)
Rate Rider for Tax Change – effective until April 30, 2012	\$/kW	(0.0178)
Retail Transmission Rate – Network Service Rate	\$/kW	2.8670
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.0667

### 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

# Essex Powerlines Corporation

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2011

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

EB-2010-0082

## 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.

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 Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	\$	8.93
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	\$	0.28
Distribution Volumetric Rate	\$/kWh	0.0279
Low Voltage Service Rate	\$/kWh	0.0010
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	(0.0003)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	\$/kWh	(0.0007)
Rate Rider for Tax Change – effective until April 30, 2012	\$/kWh	(0.0002)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0057
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



# Essex Powerlines Corporation

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2011

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

EB-2010-0082

## 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.

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### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	\$	2.43
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	\$	0.03
Distribution Volumetric Rate	\$/kW	6.9763
Low Voltage Service Rate	\$/kW	0.2816
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	(0.1061)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	\$/kW	(0.2610)
Rate Rider for Tax Change – effective until April 30, 2012	\$/kW	(0.0545)
Retail Transmission Rate – Network Service Rate	\$/kW	1.7918
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4215

### 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

# Essex Powerlines Corporation

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2011

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

EB-2010-0082

## 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

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### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	\$	2.20
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	\$	0.02
Distribution Volumetric Rate	\$/kW	5.9608
Low Voltage Service Rate	\$/kW	0.2798
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	(0.0940)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	\$/kW	(0.1344)
Rate Rider for Tax Change – effective until April 30, 2012	\$/kW	(0.0465)
Retail Transmission Rate – Network Service Rate	\$/kW	1.7668
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4125

### 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

# Essex Powerlines Corporation

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2011

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EB-2010-0082

## 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

Service Charge	\$	5.25
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### 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)

# Essex Powerlines Corporation

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2011

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EB-2010-0082

## SPECIFIC SERVICE CHARGES

### APPLICATION

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#### 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, 2011

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EB-2010-0082

## 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.

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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	1.0602
Total Loss Factor – Secondary Metered Customer > 5,000 kW	N/A
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0496
Total Loss Factor – Primary Metered Customer > 5,000 kW	N/A