



EB-2009-0202

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 Middlesex
Power Distribution Corporation 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

Middlesex Power Distribution Corporation ("Middlesex"), 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.

In its EB-2008-0350 Decision and Order dated February 9, 2009, Middlesex was granted leave to acquire Dutton Hydro Limited ("Dutton") and Newbury Power Inc. ("Newbury"). Newbury's and Dutton's electricity distribution licenses were cancelled and, pursuant to section 74 of the Act, Middlesex's distribution licence was amended to include in its service area the areas served by Newbury and Dutton.

Middlesex filed an application for the territory served by Newbury prior to the intended merger and that application is dealt with separately. It is the Board's understanding that Middlesex will file a separate application for the territory served by Dutton prior to the

intended merger; that application has not yet been received by the Board. The application that is the subject of this decision has been filed by Middlesex for the territory served by Middlesex prior to the intended merger.

Middlesex is one of about 80 electricity distributors in Ontario that are regulated by the Board. In 2006, the Board announced the establishment of a multi-year electricity distribution rate-setting plan for the years 2007-2010. As part of the plan, Middlesex is one of the electricity distributors that will have its rates adjusted for 2010 on the basis of the 2nd Generation Incentive Rate Mechanism (“IRM”) process. IRM applications provide 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 Cost of Capital and 2nd Generation Incentive Regulation for Ontario’s Electricity Distributors* (the “Report”) on December 20, 2006. Among other things, the Report contained the relevant guidelines for 2009 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 Middlesex’s rate application was given through newspaper publication in Middlesex’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. There were no intervention requests and no comments were received. 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;
- Retail Transmission Service Rates;

- Review and Disposition of Group 1 Deferral and Variance Accounts; and
- Introduction of microFIT Generator Service Classification and Rate.

Price Cap Index Adjustment

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

As outlined in the Report, distribution rates under the 2nd Generation IRM are to be adjusted by a price escalator less a productivity factor (X-factor) of 1.0%. 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 0.3%. The Board has adjusted the rate model to reflect the newly calculated price cap index adjustment. This 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 provisions¹, 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.

¹ 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.

Tax Rates						
Federal & Provincial As of December 15, 2009	Effective January 1, 2009	Effective January 1, 2010	Effective January 1, 2011	Effective January 1, 2012	Effective January 1, 2013	Effective January 1, 2014
Federal income tax						
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%
Ontario income tax	14.00%	13.00%	11.75%	11.25%	10.50%	10.00%
Combined federal and Ontario	33.00%	31.00%	28.25%	26.25%	25.50%	25.00%
Federal & Ontario Small Business						
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%
Ontario Capital Tax						
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.						

The Board is of the view that these tax changes when combined could be material and therefore the incentive regulation rate model shall be adjusted accordingly.

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 Middlesex’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, Middlesex commented that this tracking process would be administratively onerous and that the incremental costs would likely outweigh the benefits.

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 Board 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, Middlesex 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 which become subject to HST. Tracking

of these amounts will continue in the deferral account until the effective date of Middlesex'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. Middlesex is authorized conduct smart meter activities because its service area is identified as a priority installation by O. Reg. 428/06.

Middlesex requested the continuation of its utility-specific smart meter funding adder of \$1.26 per metered customer per month. The Board approves the funding adder as proposed by Middlesex. This funding adder will be reflected in the Tariff of Rates and Charges. Middlesex'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 \$1.26 per metered customer per month is intended to provide funding for Middlesex'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 Middlesex applies for the recovery of these costs.

In its EB-2007-0867 Decision dated March 17, 2008, the Board approved a smart meter disposition rider of \$1.23 per metered customer per month for residential smart meters

installed up to April 30, 2007. The disposition rider was effective May 1, 2008 and will be in place until Middlesex's distribution rates are rebased. Similarly, in its EB-2008-0155 Decision and Order dated November 25, 2008, the Board approved a smart meter disposition rider of \$0.77 per metered customer per month for smart meters installed from May 1 to December 31, 2007. This disposition rider became effective on May 1, 2009 and will be effective until Middlesex's distribution rates are rebased. In this IRM 2010 application, Middlesex requested the continuation of the above two existing disposition riders. As these riders have been previously approved by the Board until the time of rate rebasing, Middlesex did not need to seek approval for their continuation as part of its IRM 2010 application.

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.

Middlesex proposed to change the existing RTS rates by the same proportions as the changes in the UTRs noted above effective July 1, 2009. Therefore, Middlesex 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, Middlesex agreed with Board staff that the RTSR rates should reflect the January 1, 2010 UTRs.

The Board notes that very few distributors, including Middlesex, 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 Middlesex 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) 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 Middlesex'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.

With respect to the disposition period, the EDDVAR Report states that the default position would be one year.

(i) Balances

Middlesex has requested that the Board review and approve the disposition of the December 31, 2008 Group 1 account balances as defined by the EDDVAR Report since the preset disposition threshold of \$0.001 per kWh was exceeded. The combined total of Group 1 account balance is a credit of \$397,231, which includes a debit balance of \$234,323 in the 1588 global adjustment sub-account (Credit balances are amounts payable to customers and debit balances are amounts recoverable from customers). Middlesex has included interest on these account balances using the Board's prescribed interest rates to April 30, 2010. Middlesex's account balances as at December 31, 2008, plus projected carrying charges to April 30, 2010 are shown below.

Account Description	Account Number	Principal Amounts A	Interest Amounts B	Total Claim C = A + B
LV Variance Account	1550	72,113	7,095	79,208
RSVA - Wholesale Market Service Charge	1580	(436,545)	(22,545)	(459,090)
RSVA - Retail Transmission Network Charge	1584	(141,599)	(17,077)	(158,676)
RSVA - Retail Transmission Connection Charge	1586	(63,937)	(11,151)	(75,088)
RSVA - Power (Excluding Global Adjustment)	1588	0	0	0
RSVA - Power (Global Adjustment Sub-account)	1588	217,469	16,855	234,323
Recovery of Regulatory Asset Balances	1590	(12,552)	(5,356)	(17,908)
		<u>(365,051)</u>	<u>(32,180)</u>	<u>(397,231)</u>

In response to an interrogatory from Board staff, Middlesex stated that it had reviewed the Regulatory Audit & Accounting Bulletin 200901 and confirmed that it had accounted for its Account 1588 RSVA power and global adjustment sub-account in accordance

with this Bulletin. Board staff noted that the proposed balances for disposition may no longer reconcile with previously audited balances or with Middlesex's Reporting and Record-keeping Requirements ("RRR") filings. Board staff indicated that its review of the balances showed that the differences between the applied for account balances and the previously audited balances were not material.

The Board approves the proposed balances for Group 1 accounts as presented by Middlesex. The December 31, 2008 balances and projected interest to April 30, 2010 are considered final. For accounting purposes the respective balance in each of the Group 1 accounts shall be transferred to account 1595 as soon as possible but no later than June 30, 2010 so that the RRR data reported in the second quarter of 2010 reflect these adjustments.

(ii) *Disposition*

The EDDVAR Report includes guidelines on the cost allocation methodology and the rate rider derivation for the disposition of deferral and variance account balances. The Board notes that Middlesex's followed the guidelines outlined in the EDDVAR Report and approves Middlesex's proposals except for the treatment of global adjustment sub-account balance.

The EDDVAR Report adopted an allocation of the global adjustment sub-account balance based on kWh for non-RPP customers by rate class. Traditionally, this allocation would then be combined with all other allocated variance account balances by rate class. The combined balance by rate class would be divided by the volumetric billing determinants from the most recent audited year-end or Board-approved forecast, if available. This approach spreads the recovery or refund of the allocated account balances to all customers in the affected rate class.

This method was based on two premises. First, the recovery/refund of a variance unique to a subset of customers within a rate class would not be unfair to the rate class as a whole. Second, the distributors' existing billing system may not be capable of billing a subset of customers within a rate class.

Subsequent to the issuance of the EDDVAR Report, exogenous events have resulted in increased balances in the global adjustment sub-account for most electricity distributors. Board staff suggested that the Board may wish to consider establishing a separate rate

rider for the disposition of the global adjustment sub-account balance enabling the prospective recovery solely from non-RPP customers, as this would be more reflective of cost causality since it was that group of customers that was undercharged by the distributor in the first place. Alternatively, Board staff suggested that the Board may wish to consider the recovery of the allocated global adjustment sub-account balance from all customers in each class, as this approach would recognize the customer migration that might occur both away from the non-RPP customer group and into the non-RPP customer group.

In response to an interrogatory, Middlesex agreed in principle that the establishment of a separate rate rider that would be prospectively applied to non-RPP customers would be more reflective of cost causality. Further, Middlesex stated that the rate rider should not be applicable to the Municipalities, Universities, Schools and Hospitals (“MUSH”) customers as they were not non-RPP customers at the time that the balance was accumulated in the global adjustment sub-account. Middlesex indicated that it would have the billing capability to exclude MUSH customers when disposing of the global adjustment sub-account balance.

The Board will adopt the proposal of Board staff that a separate rate rider be established to dispose of the global adjustment sub-account. The rate rider would apply prospectively to non-RPP customers and would exclude MUSH customers. The Board is of the view that it is appropriate to dispose of this account balance from the customer group that caused the variance (i.e. non-RPP customers). While customer migration makes this an imperfect solution, a separate rate rider applicable to non-RPP customers would result in enhanced cost causality compared to a disposition that would apply to all customers in the affected rate classes.

Middlesex requested the disposition of its Group 1 account balance over a one-year period. Board staff supported Middlesex’s proposal, noting that a disposition period no longer than one year would be appropriate for all Group 1 account since these balances have been accumulating over the last four year period and to delay any immediate action would not be in the interest of all parties. The Board approves Middlesex’s proposed one-year disposition 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 microFIT, 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 Tariff of Rates and Charges.

Rate Model

The Board is providing Middlesex 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. The rate model was adjusted, where applicable, to correct any discrepancies.

The Board Orders That:

1. Middlesex's new distribution rates shall be effective May 1, 2010.
2. Middlesex shall review the draft Tariff of Rates and Charges set out in Appendix A. Middlesex 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 Middlesex 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 Middlesex 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 Middlesex and will issue a final Tariff of Rates and Charges.

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

DATED at Toronto, April 19, 2010

ONTARIO ENERGY BOARD

Original signed by

Kirsten Walli
Board Secretary

Appendix "A"

To Decision and Order

EB-2009-0202

DATED: April 19, 2010

Middlesex Power Distribution Corp.
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-2009-0202

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less and includes:

All services supplied to single-family dwelling units for domestic or household purposes,

All multi-unit residential establishments such as apartments of 6 or less units.

If a service supplies a combination of residential and commercial load and wiring does not permit separate metering, the classification of this customer will be determined individually by the distributor. 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	\$	13.73
Smart Meter Funding Adder	\$	1.26
Smart Meter Disposition Rider 2 – effective until next cost of service application	\$	1.23
Smart Meter Disposition Rider 3 – effective until next cost of service application	\$	0.77
Rate Rider for Tier 2 Recovery – effective until April 30, 2011	\$	(0.35)
Distribution Volumetric Rate	\$/kWh	0.0139
Low Voltage Service Rate	\$/kWh	0.0003
Rate Rider for Global Adjustment Sub-Account Disposition – effective until April 30, 2011		
Applicable only for Non-RPP Customers	\$/kWh	0.0018
Rate Rider for Tier 2 Recovery – effective until April 30, 2011	\$/kWh	(0.0004)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2011	\$/kWh	(0.0034)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0058
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

Middlesex Power Distribution Corp.
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-2009-0202

GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

This classification applies 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 and includes multi-unit residential establishments such as apartment buildings supplied through one service (bulk-metered). Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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	\$	18.14
Smart Meter Funding Adder	\$	1.26
Smart Meter Disposition Rider 2 – effective until next cost of service application	\$	1.23
Smart Meter Disposition Rider 3 – effective until next cost of service application	\$	0.77
Rate Rider for Tier 2 Recovery – effective until April 30, 2011	\$	(0.46)
Distribution Volumetric Rate	\$/kWh	0.0048
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Global Adjustment Sub-Account Disposition – effective until April 30, 2011		
Applicable only for Non-RPP Customers	\$/kWh	0.0018
Rate Rider for Tier 2 Recovery – effective until April 30, 2011	\$/kWh	(0.0001)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2011	\$/kWh	(0.0033)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0053
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042

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

Middlesex Power Distribution Corp.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2010
except for the microFIT Generator Class effective date of September 21, 2009

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EB-2009-0202

GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION

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

- General Service 50 to 5,000 kW non-interval metered
- General Service 50 to 5,000 kW interval metered

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	\$	43.35
Smart Meter Funding Adder	\$	1.26
Smart Meter Disposition Rider 2 – effective until next cost of service application	\$	1.23
Smart Meter Disposition Rider 3 – effective until next cost of service application	\$	0.77
Rate Rider for Tier 2 Recovery – effective until April 30, 2011	\$	(1.11)
Distribution Volumetric Rate	\$/kW	1.4368
Low Voltage Service Rate	\$/kW	0.1010
Rate Rider for Global Adjustment Sub-Account Disposition – effective until April 30, 2011		
Applicable only for Non-RPP Customers	\$/kW	0.6566
Rate Rider for Tier 2 Recovery – effective until April 30, 2011	\$/kW	(0.0404)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2011	\$/kW	(1.2022)
Retail Transmission Rate – Network Service Rate	\$/kW	2.1259
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.6890
Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	2.3601
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	\$/kW	1.9015

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

Middlesex Power Distribution Corp.
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EB-2009-0202

LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand used for billing purposes over the most recent 12 consecutive months 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

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	\$	3,660.48
Smart Meter Funding Adder	\$	1.26
Smart Meter Disposition Rider 2 – effective until next cost of service application	\$	1.23
Smart Meter Disposition Rider 3 – effective until next cost of service application	\$	0.77
Rate Rider for Tier 2 Recovery – effective until April 30, 2011	\$	(93.55)
Distribution Volumetric Rate	\$/kW	0.0539
Low Voltage Service Rate	\$/kW	0.1297
Rate Rider for Global Adjustment Sub-Account Disposition – effective until April 30, 2011		
Applicable only for Non-RPP Customers	\$/kW	0.7892
Rate Rider for Tier 2 Recovery – effective until April 30, 2011	\$/kW	(0.0056)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2011	\$/kW	(1.4036)
Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	2.5001
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	\$/kW	2.1174

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

Middlesex Power Distribution Corp.
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UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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 (per connection)	\$	9.08
Rate Rider for Tier 2 Recovery – effective until April 30, 2011	\$	(0.23)
Distribution Volumetric Rate	\$/kWh	0.0052
Low Voltage Service Rate	\$/kWh	0.0003
Rate Rider for Tier 2 Recovery – effective until April 30, 2011	\$/kWh	(0.0001)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0053
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042

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

Middlesex Power Distribution Corp.
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SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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 (per connection)	\$	0.18
Distribution Volumetric Rate	\$/kW	0.9858
Low Voltage Service Rate	\$/kW	0.0815
Rate Rider for Tier 2 Recovery – effective until April 30, 2011	\$/kW	(0.0273)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2011	\$/kW	(1.3567)
Retail Transmission Rate – Network Service Rate	\$/kW	1.6113
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3331

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

Middlesex Power Distribution Corp.
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STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. 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.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	\$	0.14
Distribution Volumetric Rate	\$/kW	0.5776
Low Voltage Service Rate	\$/kW	0.0788
Rate Rider for Tier 2 Recovery – effective until April 30, 2011	\$/kW	(0.0168)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2011	\$/kW	(1.0970)
Retail Transmission Rate – Network Service Rate	\$/kW	1.6030
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3057

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

Middlesex Power Distribution Corp.
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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.

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MONTHLY RATES AND CHARGES – Delivery Component – effective September 21, 2009

Service Charge	\$	5.25
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Middlesex Power Distribution Corp.
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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)

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 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.

Customer Administration		
Arrears certificate	\$	15.00
Easement letter	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	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
Disconnect/Reconnect Charge - At Meter During Regular Hours	\$	65.00
Temporary service install & remove – overhead – no transformer	\$	500.00
Specific charge for access to the power poles – per pole/year	\$	22.35
Switching for company maintenance – Charge based on Time and Materials	\$	

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RETAIL SERVICE CHARGES (if applicable)

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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	1.0608
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0501
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0045