



November 25, 2011

Ms. Kirsten Walli
Ontario Energy Board
PO Box 2319
27th Floor, 2300 Yonge Street
Toronto, Ontario M4P 1E4

**Re: 2012 IRM3 Rates Application for Middlesex Power Distribution Corp. - Main
Board File No.: EB-2011-0148**

Dear Ms. Walli,

Please find enclosed the 2012 Middlesex Power Distribution Corp. ("MPDC – Main") 3rd Generation IRM Rate Application. By way of this application, MPDC – Main seeks Ontario Energy Board ("Board") approval for distribution rates to be effective May 1, 2012.

In the preparation of this application, MPDC - Main utilized the Board's 2012 rate models. The basis for the application and the associated models are more fully described in the attached Manager's Summary.

The primary contact for this application is Andrya Eagen, Senior Regulatory Specialist. Andrya can be contacted at (519) 352-6300 x 243 or at andryaeagen@ckenergy.com. Alternatively, please contact the undersigned.

The complete application was submitted through the Board's web portal on November 25, 2011.



Consistent with the Board requirement for the publication of a notice of application, MPDC – Main confirms that its notice will be appearing in the following publication:

Strathroy Age Dispatch
73 Front Street West
Strathroy, Ontario N7G1X6

MPDC – Main further confirms that the Strathroy Age Dispatch is a paid publication.

If you have any further questions, please do not hesitate to contact us.

Yours truly,

[Original Signed By]

David C. Ferguson
Director of Regulatory Affairs & Risk Management
(519) 352-6300 x 558
Email: davidferguson@ckenergy.com

cc: Mr. Dan Charron, President of Middlesex Power Distribution Corp.
Mr. Chris Cowell, Chief Financial & Regulatory Officer

Manager's Summary

Middlesex Power Distribution Corporation ("MPDC") maintains separate rates for that portion of its service territory which includes the Town of Strathroy, the Town of Parkhill and the Village of Mount Brydges, as described in more detail on page 2 of this summary. This 2012 IRM3 application is in respect of the aforementioned service territories, collectively referred to as "MPDC – Main".

MPDC – Main submits herein evidence for its proposed distribution and transmission rates to be effective May 1, 2012. Evidence relating to the disposition of Account 1562 Deferred PILs has not been included herein, as the preparation of that evidence remains in process (please refer to Section 9).

MPDC – Main's base rates were last set effective May 1, 2006 (RP-2005-0020 / EB-2005-0351) based on the 2006 EDR process. Accordingly, MPDC – Main's 2011 rate application was filed on the basis of IRM2. In accordance with the Board's letter of June 22, 2011 entitled "Update to Chapters 2 and 3 of the Filing Requirements for Transmission and Distribution Applications", MPDC – Main has now moved to an IRM3 basis for its 2012 rate application.

The application is prepared in accordance with, among other Board guidelines and directions, Revision 3.0 Chapter 3 of the Board's Filing Requirements for Transmission and Distribution Applications, dated June 22, 2011; Revision 3.0 of the Guideline G-2008-0001 – Electricity Distribution Retail Transmission Service Rates, dated June 22, 2011; Letter from the Board to Licensed Electricity Distributors re: Process for 2012 Incentive Regulation Mechanism Distribution Rate Applications, dated August 2, 2011; and is supported by written evidence that may be amended from time to time, prior to the Board's final decision on this Application.

The application is organized in terms of the Section numbers listed below:

- Section 1 – 2012 IRM3 Rate Generator
- Section 2 – Proposed Tariff of Rates and Charges
- Section 3 – Proposed Bill Impacts
- Section 4 – 2012 IRM3 Shared Tax Savings Workform
- Section 5 – 2012 RTSR Adjustment Workform
- Section 6 – 2012 LRAM / SSM Rate Rider Model
- Section 7 – Current Approved Tariff of Rates and Charges
- Section 8 – 2010 RRR 2.1.5 Filing Details
- Section 9 – PILs
- Section 10 – MEI Special Purpose Charge

Listed below are the items addressed in the Manager's Summary and reflected in the above models:

1. Background on Current Corporate Structure and Proposed Amalgamation;
2. Price Cap Index Adjustment;
3. Changes in the Federal and Provincial Income Tax and Capital Rates;
4. Smart Meter Funding Adder and Disposition Rider;
5. Retail Transmission Service Rates;
6. Deferral and Variance Accounts;
7. Lost Revenue Adjustment (LRAM) Recovery / Shared Savings Mechanism (SSM Recovery Rider); and,
8. Proposed Rates and Bill Impacts.

1. Background on Current Corporate Structure and Proposed Amalgamation

On October 15, 2008, MPDC submitted MAAD applications EB-2008-0350 and EB-2008-0332 requesting Board approval to acquire all shares of the former Newbury Power Corporation and the former Dutton Hydro Inc., and to subsequently amalgamate both entities into MPDC. The Board approved these acquisitions and subsequent amalgamation in its Decision and Order issued February 9, 2009. MPDC subsequently closed the respective purchase transactions on April 30, 2009. Since that date, MPDC has been serving the distribution areas formerly licensed to each of MPDC (MPDC-Main), Dutton Hydro and Newbury Power and has maintained separate rates for each of the three former areas.

Accordingly, for 2012, MPDC has filed separate IRM3 applications for the approval of distribution and transmission rates proposed to be effective May 1, 2012. The separate applications specifically represent: (i) the original MPDC service territory, ("MPDC – Main") which includes the Town of Strathroy, The Town of Parkhill and the Village of Mount Brydges, (ii) the Village of Newbury ("MPDC – Newbury"), and (iii) The Village of Dutton ("MPDC – Dutton").

All Reporting & Record-Keeping Requirement ("RRR") filings for MPDC are prepared on a consolidated basis however, Group 1 deferrals and RTSR's are also tracked separately for rate-making purposes.

On August 31, 2011, Chatham-Kent Hydro ("CKH"), an affiliate of MPDC, filed a Section 86(1)(c) MAAD application with the Board seeking leave to amalgamate with MPDC, effective at the close of business December 31, 2011. Contemporaneously with this Application, CKH and MPDC have jointly filed an application for the amendment of the licence of the CKH to include all of the MPDC service territories and the cancellation of the licence of MPDC. CKH & MPDC plan to continue with the current rate structure until such time as rate harmonization is considered in conjunction with the next Cost of Service rebasing.

2. Price Cap Index Adjustment

MPDC has used the IRM3 Rate Generator, Version 1.4, to determine an interim price cap adjustment of 0.38% as follows:

Description	Percent
Inflation (GDP-IPI) Factor	1.30%
Productivity Factor	(0.72%)
Interim Stretch Factor	(0.20%)
Interim Price Cap Adjustment	0.38%

The Interim Stretch Factor above is based on MPDC's 2011 Group 1 stretch factor ranking. MPDC acknowledges that the Inflation (GDP-IPI) Factor and Stretch Factor are subject to update by the Board.

3. Changes in the Federal and Provincial Income Tax and Capital Rates

The Board has previously determined that under IRM3, the impact of currently known tax changes should be reflected in rates using a 50/50 sharing, as detailed in the Supplemental Report of the Board on 3rd Generation Incentive Regulation, dated September 17, 2008.

As noted above, for this Application, MPDC – Main has moved from IRM2 to IRM3. Under IRM2, MPDC – Main has previously refunded to customers the full impact of known tax changes through an annual reduction to base rates. Therefore, for the purposes of tax savings sharing, MPDC – Main submits that the grossed-up income tax included in its current 2011 rates, which are inclusive of these historic tax rate changes, represent the most appropriate basis for this Application's tax savings sharing calculation. Accordingly, MPDC – Main has utilized the 2011 grossed-up income tax base of \$119,657 (as approved in EB-2010-0098) as the starting point for its 2012 tax savings sharing calculation rate rider.

For 2012, the overall corporate income tax rate is expected to decrease to 24.88% in 2012. In addition, Ontario Capital Tax has been eliminated. This results in expected income taxes of \$82,570, creating incremental savings of \$37,087. The amount to be retained by MPDC – Main is \$18,544.

MPDC – Main has used the 2012 IRM3 Shared Tax Savings Workform, Version 1.2, to determine the associated proposed rate rider for rates effective May 1, 2012. Note, in order to facilitate the correct calculation, the selection of 2011 as the base year for the tax savings sharing calculations in the Workform results in a label indicating that the "Last COS Re-based Year was in 2011". As described above, MPDC – Main's base rates were actually last set effective May 1, 2006 (RP-2005-0020 / EB-2005-0351) based on the 2006 EDR process.

Note that in accordance with EB-2009-0177, MPDC has established deferral accounting as of July 1, 2010 for incremental HST/PST ITC received on distribution revenue requirement.

4. Smart Meter Funding Adder and Disposition Rider

MPDC – Main's current Smart Meter Funding Adder of \$1.18 expires April 30, 2012. MPDC – Main completed its Smart Meter installations as of the second quarter of 2011 and plans to file an application with the Board for final disposition of Smart Meter cost claims in 2012.

Accordingly, no Smart Meter rate riders or adders are proposed as part of the current IRM application.

5. Retail Transmission Service Rates

MPDC – Main has used the 2012 RSTR Workform, Version 2.1, to adjust rates for the impact of Retail Transmission Service cost changes.

The RTSR Workform calls for the input of the non-loss adjusted kWh and kW based on the most recently reported (2010) RRR billing determinants. As noted above, MPDC files all RRR data on a consolidated basis, but has tracked RTSR's separately for the purposes of this Application. Please see Section 8, Schedule 1 for a reconciliation of the MPDC – Main, MPDC – Dutton and MPDC – Newbury billing determinants versus RRR's.

MPDC – Main acknowledges that the Uniform Transmission Rates ("UTR") in the RTSR Workform will be updated by the Board at such time as the 2012 UTR adjustments are finalized.

6. Deferral and Variance Accounts

Proposed Disposition

MPDC – Main proposes the following disposition of 2009 and 2010 deferrals:

Deferral Component	Balance at Dec 31, 2010 [A]	Interest to Apr 30, 2012 [A]	Total Disposition [A]
Group One Deferral Accounts (Excluding Global Adjustment)	(\$79,038)	(\$1,544)	(\$80,582)
1521 MEI Special Purpose Charge [B]	(\$8,074)	(\$54)	(\$8,128)
Subtotal	(\$87,112)	(\$1,598)	(\$88,710)
1588 RSVA Power Global Adjustment Sub-Account	(\$162,137)	(\$3,167)	(\$165,304)
Total Disposition	(\$249,249)	(\$4,765)	(\$254,014)

[A] Positive = Due from Customers, Negative = Due to Customers.

[B] Adjusted for amounts collected in 2011, see further discussion below.

In EB-2008-0046, the Board determined that for Group I deferral account balances, a preset disposition threshold of \$0.001/kWh (debit or credit) would trigger disposition. MPDC – Main confirms that its 2009 and 2010 Group 1 deferral account balances meet this threshold.

MPDC – Main proposes to dispose of these balances over a 1 year period.

As noted above, the proposed deferral dispositions do not yet reflect any adjustment for the disposition of Account 1562 Deferred PILs. Please see Section 9 for more details.

Reconciliation to RRR Data

As noted above, MPDC files all RRR data on a combined basis. Please see Section 8, Schedule 2 for a reconciliation of reported deferral balances between MPDC – Main, MPDC – Dutton and MPDC – Newbury.

For Account 1521 MEI Special Purpose Charge, MPDC – Main notes that the 2012 IRM3 Rate Generator, Version 1.4, does not permit input of amounts collected beyond December 31, 2010. However, consistent with its rate year structure, MPDC – Main continued to collect the Special Purpose Charge through rates from January 1, 2011 until April 30, 2011, when this charge was discontinued. The total amount collected in 2011 was \$25,493. In order to reflect the amount billed in 2011 and appropriately reduce the future amount to be recovered, MPDC – Main has adjusted for the \$25,493 for 2011 billings in the “Other Adjustments during Q4 2010” column of the 2010 deferral reconciliation on Tab 9 of the model. Accordingly, the amount to be disposed does not reconcile to the 2010 RRR filing by a difference of \$25,493. Please see Section 10 for a schedule reconciling this account as well as a copy of the original Ministry of Finance MEI invoice and a detailed reconciliation schedule.

Account 1588 RSVA_{Power}

In November 2011, MPDC determined that it has inadvertently not followed the prescribed methodology for the RSVA_{Power} component of Account 1588. MPDC has initiated an internal review to determine the 2009 and 2010 balances attributable to the RSVA_{Power} component of Account 1588, in accordance with Article 220 of the Board’s Accounting Procedures Handbook. In order to allow sufficient time for the completion of the detailed reconciliations and analysis associated with this review, and to maintain this Application’s procedural timeframe, it is proposed that MPDC – Main dispose of 2009 and 2010 RSVA_{Power} balances as part of its 2013 IRM Application.

7. Lost Revenue Adjustment (LRAM) Recovery / Shared Savings Mechanism (SSM) Recovery Rider

MPDC – Main has included an LRAM claim in this Application in the amount of \$29,950, associated with verified savings arising from programs delivered in the period from 2006 through 2010. MPDC – Main confirms that this LRAM claim has not been included in past LRAM recoveries. A third party review by the consulting firm IndEco is enclosed herein, which supports this claim.

The LRAM claim covers the period between January 1, 2011 and April 30, 2012 for 2006-2009 programs and between January 1, 2010 and April 30, 2012 for 2010 programs. For 2006-2009 programs, the period between January 1 of the program launch year and December 31, 2010 was covered in a previous Board-approved LRAM claim amounting to \$75,714 (EB-2010-0098).

The portion of the current LRAM claim relating to programs delivered in 2010 was calculated using the final OPA-verified results summary of the 2010 OPA programs received by MPDC – Main from the OPA on September 16, 2011. The OPA advised that these results were prepared in a manner consistent with OPA current practice, and utilize the same values used to report progress against provincial conservation targets. Subsequently, on November 15, 2011, MPDC – Main received from the OPA the Final OPA-verified detailed report of the 2010 OPA programs, which showed minor differences from the September 16, 2011 summary

report used as the basis for LRAM claim herein. MPDC – Main estimates that these changes, as shown in the table below, would increase the LRAM claim by an amount less than \$500, and proposes that this difference is immaterial.

Program	Program year	Report used for LRAM claim	Report just received	Difference
		Annual kWh savings reported	Annual kWh savings reported	
Cool Savings Rebate	2010	65,750	66,185	0.66%
ERIP	2010	23,753	23,745	-0.04%
Every Kilowatt Counts - PSE	2010	30,538	30,534	-0.01%
Great Refrigerator Roundup	2010	81,104	83,357	2.70%
High Performance New Construction	2010	55,074	55,074	0.00%
Multifamily Energy Efficiency Rebates	2010	19,429	19,429	0.00%
peaksaver	2010	130	130	0.00%
Power Savings Blitz	2010	426,075	427,064	0.23%

MPDC – Main notes that its current LRAM claim requests recovery of lost revenues estimated to April 30, 2012 for programs delivered in the period from 2006 through 2010. MPDC – Main understands the use of a program’s verified results extending over multiple years to be standard practice for the calculation of an LRAM claim. This approach is consistent with MPDC-Main’s previous Board-approved LRAM claim (EB-2010-0098), and is also consistent with other Board LRAM approvals such as Hydro One Brampton (EB-2010-0132); Burlington Hydro (EB-2010-0067 & EB-2009-0259); and Norfolk Power Distribution (EB-2011-0046).

Further, page 34 of Chapter 2 of the Filing Requirements for Transmission and Distribution Applications, dated June 22, 2011, states that:

“Distributors intending to file an LRAM or SSM application for CDM Programs funded through distribution rates, or an LRAM application for CDM Programs funded by the OPA between 2005 and 2010, shall do so as part of their 2012 rate application filings, either cost-of-service or IRM. If a distributor does not file for the recovery of LRAM or SSM amounts in its 2012 rate application, it will forego the opportunity to recover LRAM or SSM for this legacy period of CDM activity.”

MPDC – Main proposes recovery of the LRAM claim over a 1 year period.

8. Proposed Rates and Bill Impacts

The following chart illustrates the typical bill impacts of the proposed rates. This comparison is based upon a customer's total annualized bill after taxes, using consistent commodity and other charge components.

Rate Class	Billing Determinant	Typical Usage	2011 Bill	2012 Bill	\$ Change	% Change
Residential	kWh	800	\$113.06	\$110.52	(\$2.54)	-2.2%
General Service < 50 kW	kWh	2,000	\$247.32	\$245.63	(\$1.69)	-0.7%
General Service 50 to 4,9999 kW	kW	2,500	\$110,375.84	\$109,996.49	(\$379.35)	-0.3%
Large Use (1)	kW	5,000	\$236,241.15	\$235,101.79	(\$1,139.36)	-0.5%
Unmetered Scattered Load (2)	kWh	2,000	\$261.39	\$260.19	(\$1.20)	-0.5%
Sentinel Lighting (2)	kW	0.5	\$20.43	\$20.33	(\$0.10)	-0.5%
Street Lighting (2)	kW	0.1	\$4.47	\$4.46	(\$0.01)	-0.2%

- (1) The Large User bill impact generated from the IRM3 Rate Generator, Version 1.4, appears to be incorrect (the RTSR Network Rate is excluded). The bill impact for this rate class shown above was generated by MPDC – Main (see Section 3) using typical usage assumptions known to MPDC – Main.
- (2) Unmetered Scattered Load, Sentinel Lighting and Street Lighting bill impacts are on a per connection basis. For this rate class, the bill impacts generated from the IRM3 Rate Generator, Version 1.4, appear to be incorrect (as the volumes are not being included in the calculation). The bill impact for this rate class shown above was generated by MPDC – Main (see Section 3) using typical usage assumptions known to MPDC – Main.

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Section 1
2012 IRM3 Rate Generator



Ontario Energy Board

**3RD Generation Incentive
Regulation Model**

Choose Your Utility:

Middlesex Power Distribution Corporation
Middlesex Power Distribution Corporation - Dutton

Application Type: IRM3

OEB Application #: EB-2011-0148

LDC Licence #: ED-2003-0059

Application Contact Information

Name: Andrya Eagen

Title: Senior Regulatory Specialist

Phone Number: 519-352-6300 Ext 243

Email Address: andryaeagen@ckenergy.com

We are applying for rates effective: May 1, 2012

Please indicate the version of Microsoft
Excel that you are currently using: Excel 2007

Legend

DROP-DOWN MENU

INPUT FIELD

CALCULATION FIELD

Copyright

This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your IRM application. You may use and copy this model for that purpose, and provide a copy of this model to any person that is advising or assisting you in that regard. Except as indicated above, any copying, reproduction, publication, sale, adaptation, translation, modification, reverse engineering or other use or dissemination of this model without the express written consent of the Ontario Energy Board is prohibited. If you provide a copy of this model to a person that is advising or assisting you in preparing the application or reviewing your draft rate order, you must ensure that the person understands and agrees to the restrictions noted above.

While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.



Ontario Energy Board

**3RD Generation Incentive
Regulation Model**

Middlesex Power Distribution Corporation - EB-2011-0148

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Select the appropriate rate classes as they appear on your most recent Board-Approved Tariff of Rates and Charges.
Note: The microFIT class does not exist in the drop-down menu below as it will automatically be inserted into your proposed Tariff Schedule.

Rate Class
Residential
General Service Less Than 50 kW
General Service 50 to 4,999 kW
Large Use
Unmetered Scattered Load
Sentinel Lighting
Street Lighting
Choose Rate Class
Choose Rate Class
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Ontario Energy Board

**3RD Generation Incentive
Regulation Model**

Middlesex Power Distribution Corporation - EB-2011-0148

Please note that unlike the Distribution Volumetric Rates, which will be entered in the following two tabs, all current Monthly Fixed Charges, including the base charges, must be entered on this tab. Please enter the descriptions of the current Monthly Fix Charges exactly as they appear on your most recent Board-Approved Tariff of Rates and Charges by using the drop-down menus under the column labeled "Rate Description". If the description is not found in the drop-down menu, please enter the description in the green cells under the correct class exactly as it appears on the tariff. Once a description is selected or entered into the green cells, the input cells for the "Unit", "Amount", and "Effective Date" will appear. Please note that the base Monthly Fixed Charge is identified in the drop-down list as a "Service Charge" to coincide with the description on the tariff. Please do not enter more than one "Service Charge" for each class for which a base monthly fixed charge applies. **Note: Do not enter Standard Supply Service Rate. The rate will appear automatically on the final Tariff of Rates and Charges.

Rate Description	Unit	Amount	Effective Until Date
Residential			
Service Charge	\$	13.76	
Smart Meter Funding Adder	\$	1.18	April 30, 2012
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 Recovery of Late Payment Penalty Litigation Costs	\$	0.26	April 30, 2012
General Service Less Than 50 kW			
Service Charge	\$	18.18	
Smart Meter Funding Adder	\$	1.18	April 30, 2012
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 Recovery of Late Payment Penalty Litigation Costs	\$	0.31	April 30, 2012
General Service 50 to 4,999 kW			
Service Charge	\$	43.44	
Smart Meter Funding Adder	\$	1.18	April 30, 2012
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 Recovery of Late Payment Penalty Litigation Costs	\$	3.03	April 30, 2012
Large Use			
Service Charge	\$	3667.79	
Smart Meter Funding Adder	\$	1.18	April 30, 2012
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 Recovery of Late Payment Penalty Litigation Costs	\$	22.55	April 30, 2012
Unmetered Scattered Load			
Service Charge (per connection)	\$	9.10	
Rate Rider for Recovery of Late Payment Penalty Litigation Costs	\$	0.11	April 30, 2012



Middlesex Power Distribution Corporation - EB-2011-0148

Please note that unlike the Distribution Volumetric Rates, which will be entered in the following two tabs, all current Monthly Fixed Charges, including the base charges, must be entered on this tab. Please enter the descriptions of the current Monthly Fix Charges exactly as they appear on your most recent Board-Approved Tariff of Rates and Charges by using the drop-down menus under the column labeled "Rate Description". If the description is not found in the drop-down menu, please enter the description in the green cells under the correct class exactly as it appears on the tariff. Once a description is selected or entered into the green cells, the input cells for the "Unit", "Amount", and "Effective Date" will appear. Please note that the base Monthly Fixed Charge is identified in the drop-down list as a "Service Charge" to coincide with the description on the tariff. Please do not enter more than one "Service Charge" for each class for which a base monthly fixed charge applies. **Note: Do not enter Standard Supply Service Rate. The rate will appear automatically on the final Tariff of Rates and Charges.

[illegible]





Ontario Energy Board

**3RD Generation Incentive
Regulation Model**

Middlesex Power Distribution Corporation - EB-2011-0148

For each class, please enter the base Distribution Volumetric Rates ("DVR") from your most recent Board-Approved Tariff of Rates and Charges by using the drop-down menus and input cells in columns labeled "Unit" and "Amount".

Rate Description	Unit	Amount
Residential	\$/kWh	0.01390
General Service Less Than 50 kW	\$/kWh	0.00480
General Service 50 to 4,999 kW	\$/kW	1.43970
Large Use	\$/kW	0.05400
Unmetered Scattered Load	\$/kWh	0.00520
Sentinel Lighting	\$/kW	0.98780
Street Lighting	\$/kW	0.57880



Middlesex Power Distribution Corporation - EB-2011-0148

Please enter the descriptions of all other current Variable Rates, including any applicable low voltage charges, rate riders, rate adders, etc. from your most recent Board-Approved Tariff of Rates and Charges by using the drop-down menus located under the column labeled "Rate Description". If the description is not found in the drop-down menu, please enter the description of the associated rate in the green cells exactly as it appears on the tariff. Once a description is selected or entered into the green cells, the input cells for the "Unit", "Amount", and "Effective Date" will appear. **Note: Do not enter the WMSR or RRRP Rate below. These rates will appear automatically on the final Tariff of Rates and Charges.

[illegible]



3RD Generation Incentive Regulation Model

Middlesex Power Distribution Corporation - EB-2011-0148

Please enter the descriptions of all other current Variable Rates, including any applicable low voltage charges, rate riders, rate adders, etc. from your most recent Board-Approved Tariff of Rates and Charges by using the drop-down menus located under the column labeled "Rate Description". If the description is not found in the drop-down menu, please enter the description of the associated rate in the green cells exactly as it appears on the tariff. Once a description is selected or entered into the green cells, the input cells for the "Unit", "Amount", and "Effective Date" will appear. **Note: Do not enter the WMSR or RRRP Rate below. These rates will appear automatically on the final Tariff of Rates and Charges.

[illegible]



Middlesex Power Distribution Corporation - EB-2011-0148

Please enter the descriptions of all other current Variable Rates, including any applicable low voltage charges, rate riders, rate adders, etc. from your most recent Board-Approved Tariff of Rates and Charges by using the drop-down menus located under the column labeled "Rate Description". If the description is not found in the drop-down menu, please enter the description of the associated rate in the green cells exactly as it appears on the tariff. Once a description is selected or entered into the green cells, the input cells for the "Unit", "Amount", and "Effective Date" will appear. ****Note** Do not enter the WMSR or RRRP Rate below. These rates will appear automatically on the final Tariff of Rates and Charges.

[illegible]



Ontario Energy Board

**3RD Generation Incentive
Regulation Model**

Middlesex Power Distribution Corporation - EB-2011-0148

Please enter your RTS-Network Rates from your most recent Board-Approved Tariff of Rates and Charges by using the drop-down menus under the column labeled "Rate Description". If the description is not found in the drop-down menu, please enter the description in the green cells under the correct classes exactly as it appears on the tariff.

Rate Description	Unit	Amount
Residential		
Retail Transmission Rate – Network Service Rate	\$/kWh	0.00640
General Service Less Than 50 kW		
Retail Transmission Rate – Network Service Rate	\$/kWh	0.00590
General Service 50 to 4,999 kW		
Retail Transmission Rate – Network Service Rate	\$/kW	2.34710
Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	2.60570
Large Use		
Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	2.76030
Unmetered Scattered Load		
Retail Transmission Rate – Network Service Rate	\$/kWh	0.00590
Sentinel Lighting		
Retail Transmission Rate – Network Service Rate	\$/kW	1.77900
Street Lighting		
Retail Transmission Rate – Network Service Rate	\$/kW	1.76980



Please enter your RTS-Connection Rates from your most recent Board-Approved Tariff of Rates and Charges by using the drop-down menus under the column labeled "Rate Description". If the description is not found in the drop-down menu, please enter the description in the green cells under the correct classes exactly as it appears on the tariff.

Rate Description	Unit	Amount
Residential		
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.00510
General Service Less Than 50 kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.00450
General Service 50 to 4,999 kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.82350
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	\$/kW	2.05290
Large Use		
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.28600
Unmetered Scattered Load		
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.00450
Sentinel Lighting		
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.43920
Street Lighting		
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.40970



Please complete the following continuity schedule for your Group 1 Deferral / Variance Accounts, Account 1521 and Account 1562. Enter information into green cells only. Lines 51-61 contain footnotes and further instructions.

If you have received approval to dispose of balances from prior years, the starting point for entries in the 2012 DVA schedule below will be the balance sheet date as per your G/L for which you received approval. For example, if in the 2011 EDR process (CoS or IRM) you received approval for the December 31, 2009 balances, the starting point for your entries below should be the adjustment column AV for principal and column BA for interest. This will allow for the correct starting point for the 2010 opening balance columns (for both principal and interest) without requiring entries dating back to the beginning of the continuity schedule ie: Jan 1, 2005.

		2005									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan-1-05	Transactions Debit/ (Credit) during 2005 excluding interest and adjustments ⁵	Board-Approved Disposition during 2005	Adjustments during 2005 - other ⁵	Closing Principal Balance as of Dec-31-05	Opening Interest Amounts as of Jan-1-05	Interest Jan-1 to Dec-31-05	Board-Approved Disposition during 2005	Adjustments during 2005 - other ⁵	Closing Interest Amounts as of Dec-31-05
Group 1 Accounts											
LV Variance Account	1550					\$ -					\$ -
RSVA - Wholesale Market Service Charge	1580					\$ -					\$ -
RSVA - Retail Transmission Network Charge	1584					\$ -					\$ -
RSVA - Retail Transmission Connection Charge	1586					\$ -					\$ -
RSVA - Power (excluding Global Adjustment)	1588					\$ -					\$ -
RSVA - Power - Sub-Account - Global Adjustment	1588					\$ -					\$ -
Recovery of Regulatory Asset Balances	1590					\$ -					\$ -
Disposition and Recovery of Regulatory Balances (2008) ⁷	1595					\$ -					\$ -
Disposition and Recovery of Regulatory Balances (2009) ⁷	1595					\$ -					\$ -
Group 1 Sub-Total (including Account 1588 - Global Adjustment)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Group 1 Sub-Total (excluding Account 1588 - Global Adjustment)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RSVA - Power - Sub-Account - Global Adjustment	1588	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Purpose Charge Assessment Variance Account	1521										
Deferred Payments in Lieu of Taxes	1562										
Group 1 Total + 1521 + 1562		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
The following is not included in the total claim but are included on a memo basis:											
Board-Approved CDM Variance Account	1567										
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592										
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592										
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Contra Account	1592					\$ -					\$ -
Disposition and Recovery of Regulatory Balances ⁷	1595					\$ -					\$ -

For all Board-Approved dispositions, please ensure that the disposition amount has the same sign (e.g: debit balances are to have a positive figure and credit balance are to have a negative figure) as per the related Board decision.

¹ Applicants may wish to propose kWh as the allocator for account 1521 pending a final decision of the Board

² Provide supporting statement indicating whether due to denial of costs in 2006 EDR by the Board, 10% transition costs write-off, etc.

^{2A} Adjustments Instructed by the Board include deferral/variance account balances moved to Account 1590 as a result of the 2006 EDR and account 1595 during the 2008 EDR and subsequent years as ordered by the Board.

³ Please provide explanations for the nature of the adjustments. If the adjustment relates to previously Board Approved disposed balances, please provide amounts for adjustments and include supporting documentations.

⁴ Although the Global Adjustment Account is not reported separately under 2.1.7, please provide a breakdown in rows 28 and 29.

⁵ For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transactions during the year.

⁶ If the LDC's 2011 rate year started January 1, the projected interest is recorded from January 1, 2011 to December 31, 2011 on the December 31, 2010 balance adjusted for the disposed balances approved by the Board in the 2011 rate decision. If the LDC's 2011 rate year started May 1, the projected interest is recorded from January 1, 2011 to April 30, 11 on the December 31, 2010 balance. The projected interest is recorded from May 1, 2011 to April 30, 2012 on the December 31, 2010 balance adjusted for the disposed balances approved by the Board in the 2011 rate decision.

⁷ Include Account 1595 as part of Group 1 accounts (line 31) for review and disposition if the recovery (or refund) period has been completed, and the audited financial statements support the underlying residual balance in account 1595. If the recovery (or refund) period has not been completed, include the balances in Account 1595 on a memo basis only (line 49).

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you have received approval to dispose of balances from prior years, the starting point for entries in the 2012 DV received approval. For example, if in the 2011 EDR process (CoS or IRM) you received approval for the December adjustment column AV for principal and column BA for interest. This will allow for the correct starting point for the entries dating back to the beginning of the continuity schedule i.e. Jan 1, 2005.

Account Descriptions		Account Number	2006												
			Opening Principal Amounts as of Jan-1-06	Transactions Debit/ (Credit) during 2006 excluding interest and adjustments ²	Board-Approved Disposition during 2006 ^{2, 2A}	Adjustments during 2006 - other ³	Closing Principal Balance as of Dec-31-06	Opening Interest Amounts as of Jan-1-06	Interest Jan-1 to Dec-31-06	Board-Approved Disposition during 2006 ^{2, 2A}	Adjustments during 2006 - other ³	Closing Interest Amounts as of Dec-31-06			
Group 1 Accounts															
LV Variance Account	1550	\$	-				\$	-	\$	-				\$	-
RSVA - Wholesale Market Service Charge	1580	\$	-				\$	-	\$	-				\$	-
RSVA - Retail Transmission Network Charge	1584	\$	-				\$	-	\$	-				\$	-
RSVA - Retail Transmission Connection Charge	1586	\$	-				\$	-	\$	-				\$	-
RSVA - Power (excluding Global Adjustment)	1588	\$	-				\$	-	\$	-				\$	-
RSVA - Power - Sub-Account - Global Adjustment	1588	\$	-				\$	-	\$	-				\$	-
Recovery of Regulatory Asset Balances	1590	\$	-				\$	-	\$	-				\$	-
Disposition and Recovery of Regulatory Balances (2008) ⁷	1595	\$	-				\$	-	\$	-				\$	-
Disposition and Recovery of Regulatory Balances (2009) ⁷	1595	\$	-				\$	-	\$	-				\$	-
Group 1 Sub-Total (including Account 1588 - Global Adjustment)		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Group 1 Sub-Total (excluding Account 1588 - Global Adjustment)		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
RSVA - Power - Sub-Account - Global Adjustment	1588	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Special Purpose Charge Assessment Variance Account	1521														
Deferred Payments in Lieu of Taxes	1562													\$	-
Group 1 Total + 1521 + 1562		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
The following is not included in the total claim but are included on a memo basis:															
Board-Approved CDM Variance Account	1567														
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592														
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592														
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Contra Account	1592	\$	-				\$	-	\$	-					\$
Disposition and Recovery of Regulatory Balances ⁷	1595	\$	-				\$	-	\$	-					\$

Applicants may wish to propose WH as the allocator for account 1521 pending a final decision of the Board. Provide supporting statement indicating whether due to denial of costs in 2006 EDR by the Board, 10% transition costs were not included in the 2006 EDR. Adjustments Instructed by the Board include deferral/advance account balances moved to Account 1590 as a result of the 2006 EDR. Please provide explanations for the nature of the adjustments. If the adjustment relates to previously Board Approved adjustments, please provide the account number. Although the Global Adjustment Account is not reported separately under 2.1.7, please provide a breakdown in rows 28 and 29. For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transaction in the LDC's 2011 rate year started January 1. The projected interest is recorded from January 1, 2011 to December 31, 2011 for the 2011 rate year. If the LDC's 2011 rate year started May 1, the projected interest is recorded from January 1, 2011 to April 30, 2011 for the 2011 rate year. For accounts 1521, 1522, 1523, 1524, 1525, 1526, 1527, 1528, 1529, 1530, 1531, 1532, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1541, 1542, 1543, 1544, 1545, 1546, 1547, 1548, 1549, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1569, 1570, 1571, 1572, 1573, 1574, 1575, 1576, 1577, 1578, 1579, 1580, 1581, 1582, 1583, 1584, 1585, 1586, 1587, 1588, 1589, 1590, 1591, 1592, 1593, 1594, 1595, 1596, 1597, 1598, 1599, 1600, 1601, 1602, 1603, 1604, 1605, 1606, 1607, 1608, 1609, 1610, 1611, 1612, 1613, 1614, 1615, 1616, 1617, 1618, 1619, 1620, 1621, 1622, 1623, 1624, 1625, 1626, 1627, 1628, 1629, 1630, 1631, 1632, 1633, 1634, 1635, 1636, 1637, 1638, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1648, 1649, 1650, 1651, 1652, 1653, 1654, 1655, 1656, 1657, 1658, 1659, 1660, 1661, 1662, 1663, 1664, 1665, 1666, 1667, 1668, 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1676, 1677, 1678, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1740, 1741, 1742, 1743, 1744, 1745, 1746, 1747, 1748, 1749, 1750, 1751, 1752, 1753, 1754, 1755, 1756, 1757, 1758, 1759, 1760, 1761, 1762, 1763, 1764, 1765, 1766, 1767, 1768, 1769, 1770, 1771, 1772, 1773, 1774, 1775, 1776, 1777, 1778, 1779, 1780, 1781, 1782, 1783, 1784, 1785, 1786, 1787, 1788, 1789, 1790, 1791, 1792, 1793, 1794, 1795, 1796, 1797, 1798, 1799, 1800, 1801, 1802, 1803, 1804, 1805, 1806, 1807, 1808, 1809, 1810, 1811, 1812, 1813, 1814, 1815, 1816, 1817, 1818, 1819, 1820, 1821, 1822, 1823, 1824, 1825, 1826, 1827, 1828, 1829, 1830, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 215

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Please complete the following continuity schedule for your Group 1 Deferral / Variance Accounts, Account 1521 and Account 1562, and follow the instructions.

You have received approval to dispose of balances from prior years, the starting point for entries in the 2012 DVC is the 2007 approval. For example, if in the 2011 EDR process (CoS or IRM) you received approval for the December adjustment column AV for principal and column BA for interest. This will allow for the correct starting point for entries dating back to the beginning of the continuity schedule ie: Jan 1, 2005.

		2007									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan-1-07	Transactions Debit/(Credit) during 2007 excluding interest and adjustments ⁵	Board-Approved Disposition during 2007	Adjustments during 2007 - other ³	Closing Principal Balance as of Dec-31-07	Opening Interest Amounts as of Jan-1-07	Interest Jan-1 to Dec-31-07	Board-Approved Disposition during 2007	Adjustments during 2007 - other ³	Closing Interest Amounts as of Dec-31-07
Group 1 Accounts											
LV Variance Account	1550	\$ -				\$ -	\$ -				\$ -
RSVA - Wholesale Market Service Charge	1580	\$ -				\$ -	\$ -				\$ -
RSVA - Retail Transmission Network Charge	1584	\$ -				\$ -	\$ -				\$ -
RSVA - Retail Transmission Connection Charge	1586	\$ -				\$ -	\$ -				\$ -
RSVA - Power (excluding Global Adjustment)	1588	\$ -				\$ -	\$ -				\$ -
RSVA - Power - Sub-Account - Global Adjustment	1588	\$ -				\$ -	\$ -				\$ -
Recovery of Regulatory Asset Balances	1590	\$ -				\$ -	\$ -				\$ -
Disposition and Recovery of Regulatory Balances (2008) ⁷	1595	\$ -				\$ -	\$ -				\$ -
Disposition and Recovery of Regulatory Balances (2009) ⁷	1595	\$ -				\$ -	\$ -				\$ -
Group 1 Sub-Total (including Account 1588 - Global Adjustment)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Group 1 Sub-Total (excluding Account 1588 - Global Adjustment)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RSVA - Power - Sub-Account - Global Adjustment	1588	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Special Purpose Charge Assessment Variance Account											
Deferred Payments in Lieu of Taxes	1562	\$ -				\$ -	\$ -				\$ -
Group 1 Total + 1521 + 1562		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
The following is not included in the total claim but are included on a memo basis:											
Board-Approved CDM Variance Account	1567										
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592										
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592										
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Contra Account	1592	\$ -				\$ -	\$ -				\$ -
Disposition and Recovery of Regulatory Balances ⁷	1595	\$ -				\$ -	\$ -				\$ -

For all Board-Approved dispositions, please ensure that the disposition amount has the same sign have a negative figure) as per the related Board decision.

Applicants may wish to propose kWh as the allocator for account 1521 pending a final decision of the Board. Provide supporting statement indicating whether due to denial of costs in 2006 EDR by the Board, 10% transition costs were Adjustments Instructed by the Board include deferral/variance account balances moved to Account 1590 as a result of the 2006 EDR. Please provide explanations for the nature of the adjustments. If the adjustment relates to previously Board Approved dispos Although the Global Adjustment Account is not reported separately under 2.1.7, please provide a breakdown in rows 28 and 29. For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transaction If the LDC's 2011 rate year started January 1, the projected interest is recorded from January 1, 2011 to December 31, 2011 If the LDC's 2011 rate year started May 1, the projected interest is recorded from January 1, 2011 to April 30, 2012 on the December 31, 2010 balance adjusted for the disposed balances approved by the Board in the 2010 EDR. Include Account 1595 as part of Group 1 accounts (line 31) for review and disposition if the recovery (or refund) period has not been completed, include support the underlying residual balance in account 1595. If the recovery (or refund) period has not been completed, include

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Please complete the following continuity schedule for your Group 1 Deferral / Variance Accounts, Account 1521 and Account 1562, and follow the instructions and further instructions.

You have received approval to dispose of balances from prior years, the starting point for entries in the 2012 DR is the 2005 DR. For example, if in the 2011 EDR process (CoS or IRM) you received approval for the December adjustment column AV for principal and column BA for interest. This will allow for the correct starting point for entries dating back to the beginning of the continuity schedule ie: Jan 1, 2005.

		2008										
Account Descriptions	Account Number	Opening Principal Amounts as of Jan-1-08	Transactions Debit/ (Credit) during 2008 excluding interest and adjustments ⁵	Board-Approved Disposition during 2008	Adjustments during 2008 - other ³	Closing Principal Balance as of Dec-31-08	Opening Interest Amounts as of Jan-1-08	Interest Jan-1 to Dec-31-08	Board-Approved Disposition during 2008	Adjustments during 2008 - other ³	Closing Interest Amounts as of Dec-31-08	
Group 1 Accounts												
LV Variance Account	1550	\$ -				\$ -	\$ -				\$ -	
RSVA - Wholesale Market Service Charge	1580	\$ -				\$ -	\$ -				\$ -	
RSVA - Retail Transmission Network Charge	1584	\$ -				\$ -	\$ -				\$ -	
RSVA - Retail Transmission Connection Charge	1586	\$ -				\$ -	\$ -				\$ -	
RSVA - Power (excluding Global Adjustment)	1588	\$ -				\$ -	\$ -				\$ -	
RSVA - Power - Sub-Account - Global Adjustment	1588	\$ -				\$ -	\$ -				\$ -	
Recovery of Regulatory Asset Balances	1590	\$ -				\$ -	\$ -				\$ -	
Disposition and Recovery of Regulatory Balances (2008) ⁷	1595	\$ -				\$ -	\$ -				\$ -	
Disposition and Recovery of Regulatory Balances (2009) ⁷	1595	\$ -				\$ -	\$ -				\$ -	
Group 1 Sub-Total (including Account 1588 - Global Adjustment)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Group 1 Sub-Total (excluding Account 1588 - Global Adjustment)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
RSVA - Power - Sub-Account - Global Adjustment	1588	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Special Purpose Charge Assessment Variance Account	1521											
Deferred Payments in Lieu of Taxes	1562	\$ -				\$ -	\$ -				\$ -	
Group 1 Total + 1521 + 1562		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
The following is not included in the total claim but are included on a memo basis:												
Board-Approved CDM Variance Account	1567											
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592											
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592											
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Contra Account	1592	\$ -				\$ -	\$ -				\$ -	
Disposition and Recovery of Regulatory Balances ⁷	1595	\$ -				\$ -	\$ -				\$ -	

For all Board-Approved dispositions, please ensure that the disposition amount has the same sign have a negative figure) as per the related Board decision.

Applicants may wish to propose kWh as the allocator for account 1521 pending a final decision of the Board. Provide supporting statement indicating whether due to denial of costs in 2006 EDR by the Board, 10% transition costs were Adjustments Instructed by the Board include deferral/variance account balances moved to Account 1590 as a result of the 2006 EDR. Please provide explanations for the nature of the adjustments. If the adjustment relates to previously Board Approved dispos Although the Global Adjustment Account is not reported separately under 2.1.7, please provide a breakdown in rows 28 and 29. For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transaction If the LDC's 2011 rate year started January 1, the projected interest is recorded from January 1, 2011 to December 31, 2011 If the LDC's 2011 rate year started May 1, the projected interest is recorded from January 1, 2011 to April 30, 2012 on the December 31, 2010 balance adjusted for the disposed balances approved by the Board in the 2010 EDR. Include Account 1595 as part of Group 1 accounts (line 31) for review and disposition if the recovery (or refund) period has not been completed, include support the underlying residual balance in account 1595. If the recovery (or refund) period has not been completed, include

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Please complete the following continuity schedule for your Group 1 Deferral / Variance Accounts, Account 1521 and Account 1595. See the footnotes and further instructions.

You have received approval to dispose of balances from prior years, the starting point for entries in the 2012 DVC is the 2009 year-end balance. For example, if in the 2011 EDR process (CoS or IRM) you received approval for the December 31, 2009 adjustment column AV for principal and column BA for interest. This will allow for the correct starting point for entries dating back to the beginning of the continuity schedule ie: Jan 1, 2005.

		2009										
Account Descriptions	Account Number	Opening Principal Amounts as of Jan-1-09	Transactions Debit/ (Credit) during 2009 excluding interest and adjustments ⁵	Board-Approved Disposition during 2009	Adjustments during 2009 - other ³	Closing Principal Balance as of Dec-31-09	Opening Interest Amounts as of Jan-1-09	Interest Jan-1 to Dec-31-09	Board-Approved Disposition during 2009	Adjustments during 2009 - other ³	Closing Interest Amounts as of Dec-31-09	
Group 1 Accounts												
LV Variance Account	1550	\$ -	-\$ 20,670			\$ 20,670	\$ -	-\$ 30			-\$ 30	
RSVA - Wholesale Market Service Charge	1580	\$ -	-\$ 48,877			\$ 48,877	\$ -	-\$ 157			-\$ 157	
RSVA - Retail Transmission Network Charge	1584	\$ -	\$ 17,616			\$ 17,616	\$ -	-\$ 114			-\$ 114	
RSVA - Retail Transmission Connection Charge	1586	\$ -	\$ 22,024			\$ 22,024	\$ -	-\$ 27			-\$ 27	
RSVA - Power (excluding Global Adjustment)	1588	\$ -				\$ -	\$ -				\$ -	
RSVA - Power - Sub-Account - Global Adjustment	1588	\$ -	\$ 86,023			\$ 86,023	\$ -	\$ 17			\$ 17	
Recovery of Regulatory Asset Balances	1590	\$ -				\$ -	\$ -				\$ -	
Disposition and Recovery of Regulatory Balances (2008) ⁷	1595	\$ -				\$ -	\$ -				\$ -	
Disposition and Recovery of Regulatory Balances (2009) ⁷	1595	\$ -				\$ -	\$ -				\$ -	
Group 1 Sub-Total (including Account 1588 - Global Adjustment)		\$ -	\$ 56,117	\$ -	\$ -	\$ 56,117	\$ -	-\$ 312	\$ -	\$ -	-\$ 312	
Group 1 Sub-Total (excluding Account 1588 - Global Adjustment)		\$ -	-\$ 29,907	\$ -	\$ -	-\$ 29,907	\$ -	-\$ 329	\$ -	\$ -	-\$ 329	
RSVA - Power - Sub-Account - Global Adjustment	1588	\$ -	\$ 86,023	\$ -	\$ -	\$ 86,023	\$ -	\$ 17	\$ -	\$ -	\$ 17	
Special Purpose Charge Assessment Variance Account	1521											
Deferred Payments in Lieu of Taxes	1562	\$ -				\$ -	\$ -				\$ -	
Group 1 Total + 1521 + 1562		\$ -	\$ 56,117	\$ -	\$ -	\$ 56,117	\$ -	-\$ 312	\$ -	\$ -	-\$ 312	
The following is not included in the total claim but are included on a memo basis:												
Board-Approved CDM Variance Account	1567											
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592											
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592											
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Contra Account	1592	\$ -				\$ -	\$ -				\$ -	
Disposition and Recovery of Regulatory Balances ⁷	1595	\$ -				\$ -	\$ -				\$ -	

For all Board-Approved dispositions, please ensure that the disposition amount has the same sign have a negative figure) as per the related Board decision.

Applicants may wish to propose kWh as the allocator for account 1521 pending a final decision of the Board. Provide supporting statement indicating whether due to denial of costs in 2006 EDR by the Board, 10% transition costs were Adjustments Instructed by the Board include deferral/variance account balances moved to Account 1590 as a result of the 2006 EDR. Please provide explanations for the nature of the adjustments. If the adjustment relates to previously Board Approved dispos Although the Global Adjustment Account is not reported separately under 2.1.7, please provide a breakdown in rows 28 and 29. For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transaction If the LDC's 2011 rate year started January 1, the projected interest is recorded from January 1, 2011 to December 31, 2011 If the LDC's 2011 rate year started May 1, the projected interest is recorded from January 1, 2011 to April 30, 2012 on the December 31, 2010 balance adjusted for the disposed balances approved by the Board in the 2010 EDR. Include Account 1595 as part of Group 1 accounts (line 31) for review and disposition if the recovery (or refund) period has not support the underlying residual balance in account 1595. If the recovery (or refund) period has not been completed, include

Middlesex Power Distribution Corp. - Main

2012 IRM3 Application

Board File No.: EB-2011-0148

Filed: November 25, 2011

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Please complete the following continuity schedule for your Group 1 Deferral / Variance Accounts, Account 1521 and Account 1595, and follow the instructions.

You have received approval to dispose of balances from prior years, the starting point for entries in the 2012 DV schedule is the 2011 EDR process (CoS or IRM) you received approval for the December 31, 2011 adjustment column AV for principal and column BA for interest. This will allow for the correct starting point for entries dating back to the beginning of the continuity schedule ie: Jan 1, 2005.

		2010												
Account Descriptions	Account Number	Opening Principal Amounts as of Jan-1-10	Transactions Debit/(Credit) during 2010 excluding interest and adjustments ⁵	Board-Approved Disposition during 2010	Other ³ Adjustments during Q1 2010	Other ³ Adjustments during Q2 2010	Other ³ Adjustments during Q3 2010	Other ³ Adjustments during Q4 2010	Closing Principal Balance as of Dec-31-10	Opening Interest Amounts as of Jan-1-10	Interest Jan-1 to Dec-31-10	Board-Approved Disposition during 2010	Adjustments during 2010 - other ³	Closing Interest Amounts as of Dec-31-10
Group 1 Accounts														
LV Variance Account	1550	\$ 20,670	-\$ 15,753						-\$ 36,423	-\$ 30	-\$ 261			-\$ 291
RSVA - Wholesale Market Service Charge	1580	-\$ 48,877	-\$ 204,573						-\$ 253,450	-\$ 157	-\$ 1,024			-\$ 1,181
RSVA - Retail Transmission Network Charge	1584	\$ 17,616	\$ 85,093						\$ 102,710	-\$ 114	\$ 141			\$ 26
RSVA - Retail Transmission Connection Charge	1586	\$ 22,024	\$ 87,383						\$ 109,408	-\$ 27	\$ 191			\$ 163
RSVA - Power (excluding Global Adjustment)	1588	-	-						-	-	-			-
RSVA - Power - Sub-Account - Global Adjustment	1588	\$ 86,023	-\$ 247,363						-\$ 161,340	\$ 17	-\$ 814			-\$ 797
Recovery of Regulatory Asset Balances	1590	\$ -	-						\$ -	\$ -	-			\$ -
Disposition and Recovery of Regulatory Balances (2008) ⁷	1595	\$ -	-						\$ -	\$ -	-			\$ -
Disposition and Recovery of Regulatory Balances (2009) ⁷	1595	\$ -	-						\$ -	\$ -	-			\$ -
Group 1 Sub-Total (including Account 1588 - Global Adjustment)		\$ 56,117	-\$ 295,212	\$ -	\$ -	\$ -	\$ -	\$ -	-\$ 239,095	-\$ 312	-\$ 1,767	\$ -	\$ -	-\$ 2,079
Group 1 Sub-Total (excluding Account 1588 - Global Adjustment)		-\$ 29,907	-\$ 47,849	\$ -	\$ -	\$ -	\$ -	\$ -	-\$ 77,755	-\$ 329	-\$ 954	\$ -	\$ -	-\$ 1,283
RSVA - Power - Sub-Account - Global Adjustment	1588	\$ 86,023	-\$ 247,363	\$ -	\$ -	\$ -	\$ -	\$ -	-\$ 161,340	\$ 17	-\$ 814	\$ -	\$ -	-\$ 797
Special Purpose Charge Assessment Variance Account	1521	\$ -	\$ 17,232					-\$ 25,493	-\$ 8,261	\$ -	\$ 187			\$ 187
Deferred Payments in Lieu of Taxes	1562	\$ -							\$ -	\$ -				\$ -
Group 1 Total + 1521 + 1562		\$ 56,117	-\$ 277,980	\$ -	\$ -	\$ -	\$ -	-\$ 25,493	-\$ 247,357	-\$ 312	-\$ 1,580	\$ -	\$ -	-\$ 1,892
The following is not included in the total claim but are included on a memo basis:														
Board-Approved CDM Variance Account	1567								\$ -	\$ -				\$ -
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592								\$ -	\$ -				\$ -
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592								\$ -	\$ -				\$ -
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Contra Account	1592	\$ -							\$ -	\$ -				\$ -
Disposition and Recovery of Regulatory Balances ⁷	1595	\$ -							\$ -	\$ -				\$ -

For all Board-Approved dispositions, please ensure that the disposition amount has the same sign have a negative figure) as per the related Board decision.

Applicants may wish to propose kWh as the allocator for account 1521 pending a final decision of the Board. Provide supporting statement indicating whether due to denial of costs in 2006 EDR by the Board, 10% transition costs were Adjustments Instructed by the Board include deferral/variance account balances moved to Account 1590 as a result of the 2011 rate decision. Please provide explanations for the nature of the adjustments. If the adjustment relates to previously Board Approved dispos Although the Global Adjustment Account is not reported separately under 2.1.7, please provide a breakdown in rows 28 and 29. For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transaction If the LDC's 2011 rate year started January 1, the projected interest is recorded from January 1, 2011 to December 31, 2011 If the LDC's 2011 rate year started May 1, the projected interest is recorded from January 1, 2011 to April 30, 2012 on the December 31, 2010 balance adjusted for the disposed balances approved by the Board in the 2011 rate decision. Include Account 1595 as part of Group 1 accounts (line 31) for review and disposition if the recovery (or refund) period has not been completed, include support the underlying residual balance in account 1595. If the recovery (or refund) period has not been completed, include



lease complete the following continuity schedule for your Group 1 Deferral / Variance Accounts, Account 1521 a
otnotes and further instructions.

you have received approval to dispose of balances from prior years, the starting point for entries in the 2012 DV
ceived approval. For example, if in the 2011 EDR process (CoS or IRM) you received approval for the December
adjustment column AV for principal and column BA for interest. This will allow for the correct starting point for t
entries dating back to the beginning of the continuity schedule ie: Jan 1, 2005.

		2011				Projected Interest on Dec-31-10 Balances				2.1.7 RRR		
Account Descriptions	Account Number	Principal Disposition during 2011 - instructed by Board	Interest Disposition during 2011 - instructed by Board	Closing Principal Balances as of Dec 31-10 Adjusted for Dispositions during 2011	Closing Interest Balances as of Dec 31-10 Adjusted during 2011 Disposition	Projected Interest from Jan 1, 2011 to December 31, 2011 on Dec 31 -10 balance adjusted for disposition during 2011 ⁵	Projected Interest from January 1, 2012 to April 30, 2012 on Dec 31 -10 balance adjusted for disposition during 2011 ^{6,7}	Total Claim	As of Dec 31-10 ⁴	Variance RRR vs. 2010 Balance (Principal + Interest)		
Group 1 Accounts												
LV Variance Account	1550			-\$ 36,423	-\$ 291	-\$ 540	-\$ 177	37,431	-\$ 36,714	\$ -		
RSVA - Wholesale Market Service Charge	1580			-\$ 253,450	1,181	-\$ 3,743	-\$ 1,231	259,604	-\$ 254,631	\$ -		
RSVA - Retail Transmission Network Charge	1584			\$ 102,710	\$ 26	\$ 1,510	\$ 497	104,742	\$ 102,736	\$ -		
RSVA - Retail Transmission Connection Charge	1586			\$ 109,408	\$ 163	\$ 1,611	\$ 530	111,711	\$ 109,571	\$ -		
RSVA - Power (excluding Global Adjustment)	1588			\$ -	\$ -		\$ -	-	\$ -	\$ -		
RSVA - Power - Sub-Account - Global Adjustment	1588			-\$ 161,340	797	-\$ 2,383	-\$ 784	165,304	-\$ 162,137	\$ -		
Recovery of Regulatory Asset Balances	1590			\$ -	\$ -		\$ -	-	\$ -	\$ -		
Disposition and Recovery of Regulatory Balances (2008) ⁷	1595			\$ -	\$ -			-	\$ -	\$ -		
Disposition and Recovery of Regulatory Balances (2009) ⁷	1595			\$ -	\$ -			\$ -	\$ -	\$ -		
Group 1 Sub-Total (including Account 1588 - Global Adjustment)		\$ -	\$ -	239,095	2,079	-\$ 3,545	-\$ 1,166	245,886	-\$ 241,175	\$ -		
Group 1 Sub-Total (excluding Account 1588 - Global Adjustment)		\$ -	\$ -	77,755	1,283	-\$ 1,162	-\$ 382	80,582	-\$ 79,038	\$ -		
RSVA - Power - Sub-Account - Global Adjustment	1588	\$ -	\$ -	161,340	797	-\$ 2,383	-\$ 784	165,304	-\$ 162,137	\$ -		
Special Purpose Charge Assessment Variance Account	1521					-\$ 14	-\$ 40	8,128	\$ 17,419	\$ 25,493		
Deferred Payments in Lieu of Taxes	1562		\$ -	\$ -	\$ -		\$ -	-	\$ -	\$ -		
Group 1 Total + 1521 + 1562		\$ -	\$ -	239,095	2,079	-\$ 3,559	-\$ 1,206	254,014	-\$ 223,756	\$ 25,493		
The following is not included in the total claim but are included on a memo basis:												
Board-Approved CDM Variance Account	1567						\$ -	-	\$ -	\$ -		
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592						\$ -	-	\$ -	\$ -		
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592						\$ -	-	\$ -	\$ -		
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Contra Account	1592						\$ -	-	\$ -	\$ -		
Disposition and Recovery of Regulatory Balances ⁸	1595						\$ -	-	\$ -	\$ -		

For all Board-Approved dispositions, please ensure that the disposition amount has the same sign have a negative figure) as per the related Board decision.

Applicants may wish to propose kWh as the allocator for account 1521 pending a final decision of the Board
Provide supporting statement indicating whether due to denial of costs in 2006 EDR by the Board, 10% transition costs were
Adjustments instructed by the Board include deferral/variance account balances moved to Account 1590 as a result of the 2
Please provide explanations for the nature of the adjustments. If the adjustment relates to previously Board Approved dispos
Although the Global Adjustment Account is not reported separately under 2.1.7, please provide a breakdown in rows 28 and
For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transacti
If the LDC's 2011 rate year started January 1, the projected interest is recorded from January 1, 2011 to December 31, 2011
the 2011 rate decision. If the LDC's 2011 rate year started May 1, the projected interest is recorded from January 1, 2011 to
1, 2011 to April 30, 2012 on the December 31, 2010 balance adjusted for the disposed balances approved by the Board in th
Include Account 1595 as part of Group 1 accounts (line 31) for review and disposition if the recovery (or refund) period has t
support the underlying residual balance in account 1595. If the recovery (or refund) period has not been completed, include



Middlesex Power Distribution Corporation - EB-2011-0148

In the green shaded cells, enter the most recent Board Approved volumetric forecast. If there is a material difference between the latest Board-approved volumetric forecast and the

Rate Class	Unit	Metered kWh	Metered kW	Billed kWh for Non-RPP Customers	Estimated kW for Non-RPP Customers	Distribution Revenue ¹	1590 Recovery Share Proportion*	1595 Recovery Share Proportion (2008) ²	1595 Recovery Share Proportion (2009) ²
Residential	\$/kWh	58,904,267	-	12,964,363	-	2,032,894			
General Service Less Than 50 kW	\$/kWh	17,998,806	-	3,230,011	-	254,708			
General Service 50 to 4,999 kW	\$/kW	91,846,588	235,476	85,046,763	218,043	331,410			
Large Use	\$/kW	29,034,336	56,098	29,034,336	56,098	20,593			
Unmetered Scattered Load	\$/kWh	311,683	-	311,683	-	6,864			
Sentinel Lighting	\$/kW	42,724	119	42,724	119	303			
Street Lighting	\$/kW	1,458,103	4,316	1,458,103	4,316	6,065			
Total		199,596,507	296,009	132,087,983	278,575	2,652,839	0%	0%	0%
Total Claim (including Accounts 1521 and 1562)		-\$	254,014						
Total Claim for Threshold Test (All Group 1 Accounts)		-\$	245,886						
Threshold Test ³ (Total Claim per kWh)		-	0.00123						

¹ For Account 1562, the allocation to customer classes should be performed on the basis of the test year distribution revenue allocation to customer classes found in the Applicant's Cost of Service application that was most recently approved at the time of disposition of the 1562 account balance.

² Residual Account balance to be allocated to rate classes in proportion to the recovery share as established when rate riders were implemented.

³ The Threshold Test does not include the amount in 1521 nor 1562.



No input required. This worksheet allocates the deferral/variance account balances (Group 1, 1521, 1588 GA and 1562) to the appropriate classes.

Allocation of Group 1 Accounts (Excluding Account 1588 - Global Adjustment)

Rate Class	Units	Billed kWh	% kWh	1550	1580	1584	1586	1588*	1590	1595 (2008)	1595 (2009)	1521	Total
Residential	\$/kWh	58,904,267	29.51%	(11,047)	(76,614)	30,911	32,968	0	0	0	0	(2,399)	(26,180)
General Service Less Than 50 kW	\$/kWh	17,998,806	9.02%	(3,375)	(23,410)	9,445	10,074	0	0	0	0	(733)	(8,000)
General Service 50 to 4,999 kW	\$/kW	91,846,588	46.02%	(17,224)	(119,460)	48,198	51,405	0	0	0	0	(3,740)	(40,821)
Large Use	\$/kW	29,034,336	14.55%	(5,445)	(37,763)	15,236	16,250	0	0	0	0	(1,182)	(12,904)
Unmetered Scattered Load	\$/kWh	311,683	0.16%	(58)	(405)	164	174	0	0	0	0	(13)	(139)
Sentinel Lighting	\$/kW	42,724	0.02%	(8)	(56)	22	24	0	0	0	0	(2)	(19)
Street Lighting	\$/kW	1,458,103	0.73%	(273)	(1,896)	765	816	0	0	0	0	(59)	(648)
Total		199,596,507	100.00%	(37,431)	(259,604)	104,742	111,711	0	0	0	0	(8,128)	(88,710)

* RSVA - Power (Excluding Global Adjustment)

1588 RSVA - Power (Global Adjustment Sub-Account)

Rate Class	non-RPP kWh	% kWh	1588
Residential	12,964,363	9.81% -	16,224
General Service Less Than 50 kW	3,230,011	2.45% -	4,042
General Service 50 to 4,999 kW	85,046,763	64.39% -	106,433
Large Use	29,034,336	21.96% -	36,335
Unmetered Scattered Load	311,683	0.24% -	390
Sentinel Lighting	42,724	0.03% -	53
Street Lighting	1,458,103	1.10% -	1,825
Total	132,087,983	100.00%	(165,304)

Allocation of Account 1562

	% of Distribution Revenue	Allocation of Balance in Account 1562
Residential	76.6%	-
General Service Less Than 50 kW	9.6%	-
General Service 50 to 4,999 kW	12.5%	-
Large Use	0.8%	-
Unmetered Scattered Load	0.3%	-
Sentinel Lighting	0.0%	-
Street Lighting	0.2%	-
Total	100.0%	-



Ontario Energy Board

Deferral/ Variance Account Work Form

Middlesex Power Distribution Corporation - EB-2011-0148

No input required. This worksheet calculates rate riders related to the Deferral/Variance Account Disposition (if applicable) and associated rate riders for the global adjustment sub-account.

Please indicate the Rate Rider Recovery Period
 (in years)

Rate Class	Unit	Billed kWh	Billed kW	Accounts Allocated by kWh/kW (RPP) or Distribution Revenue	Deferral/Variance Account Rate Rider	Account 1588 Global Adjustment	Billed kWh or Estimated kW for Non-RPP	Global Adjustment Rate Rider
Residential	\$/kWh	58,904,267	-	-\$ 26,180	(\$0.00044)	\$/kWh -\$ 16,224	12,964,363	(\$0.00125)
General Service Less Than 50 kW	\$/kWh	17,998,806	-	-\$ 8,000	(\$0.00044)	\$/kWh -\$ 4,042	3,230,011	(\$0.00125)
General Service 50 to 4,999 kW	\$/kW	91,846,588	235,476	-\$ 40,821	(\$0.17335)	\$/kW -\$ 106,433	218,043	(\$0.48813)
Large Use	\$/kW	29,034,336	56,098	-\$ 12,904	(\$0.23003)	\$/kW -\$ 36,335	56,098	(\$0.64771)
Unmetered Scattered Load	\$/kWh	311,683	-	-\$ 139	(\$0.00044)	\$/kWh -\$ 390	311,683	(\$0.00125)
Sentinel Lighting	\$/kW	42,724	119	-\$ 19	(\$0.16017)	\$/kW -\$ 53	119	(\$0.45101)
Street Lighting	\$/kW	1,458,103	4,316	-\$ 648	(\$0.15015)	\$/kW -\$ 1,825	4,316	(\$0.42279)
Total		199,596,507	296,009	-\$ 88,710		-\$ 165,304		



Below is a listing of the current Monthly Fixed Charges. All rates with expired effective dates have been removed. In columns "B", "K", and "M" (green cells), please enter all additional Monthly Fixed Charges you are proposing (eg: Smart Meter Funding Adder, etc). Please ensure that the word "Rider" or "Adder" is included in the description (as applicable).

Rate Description	Unit	Amount	Effective Until Date	Proposed Amount	Effective Until Date
Residential					
Service Charge	\$	13.76			
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			
	\$				
	\$				
	\$				
General Service Less Than 50 kW					
Service Charge	\$	18.18			
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			
	\$				
	\$				
	\$				
General Service 50 to 4,999 kW					
Service Charge	\$	43.44			
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			
	\$				
	\$				
	\$				
Large Use					
Service Charge	\$	3667.79			
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			
	\$				
	\$				
	\$				
Unmetered Scattered Load					
Service Charge (per connection)	\$	9.10			
	\$				
	\$				
	\$				
Sentinel Lighting					
Service Charge (per connection)	\$	0.18			
	\$				
	\$				
	\$				
Street Lighting					
Service Charge (per connection)	\$	0.14			
	\$				
	\$				
	\$				



Ontario Energy Board
**3RD Generation Incentive
Regulation Model**

Middlesex Power Distribution Corporation - EB-2011-0148

Below is a listing of the current Distribution Volumetric Rates other than the base rates. All rates with expired effective dates have been removed. In columns "B", "K", and "M" (green cells), please enter all additional volumetric rates you are proposing (eg: LRAM/SSM, Tax Adjustments, etc.). Please ensure that the word "Rider" or "Adder" is included in the description (as applicable).

Rate Description	Unit	Amount	Effective Until Date	Proposed Amount	Effective Until Date
Residential					
Low Voltage Service Rate	\$/kWh	0.00030		0.00040	April 30, 2013
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery	\$/kWh			-0.00020	April 30, 2013
Rate Rider for Tax Change	\$/kWh				
General Service Less Than 50 kW					
Low Voltage Service Rate	\$/kWh	0.00020		0.00050	April 30, 2013
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery	\$/kWh			-0.00010	April 30, 2013
Rate Rider for Tax Change	\$/kWh				
General Service 50 to 4,999 kW					
Low Voltage Service Rate	\$/kW	0.10100		0.00050	April 30, 2013
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery	\$/kW			-0.01200	April 30, 2013
Rate Rider for Tax Change	\$/kW				
Large Use					
Low Voltage Service Rate	\$/kW	0.12970		-0.00610	April 30, 2013
Rate Rider for Tax Change	\$/kW				
Unmetered Scattered Load					
Low Voltage Service Rate	\$/kWh	0.00030		-0.00020	April 30, 2013
Rate Rider for Tax Change	\$/kWh				
Sentinel Lighting					
Low Voltage Service Rate	\$/kW	0.08150		-0.01330	April 30, 2013
Rate Rider for Tax Change	\$/kW				
Street Lighting					
Low Voltage Service Rate	\$/kW	0.07880		-0.00980	April 30, 2013
Rate Rider for Tax Change	\$/kW				



Ontario Energy Board
**3RD Generation Incentive
Regulation Model**

Middlesex Power Distribution Corporation - EB-2011-0148

Current RTSR-Network Rates are listed below. In column "K", please enter your proposed RTSR-Network Rates as per Sheet 13 of the Board's RTSR Workform.

Rate Description	Unit	Current Amount	% Adjustment	Proposed Amount
Residential				
Retail Transmission Rate – Network Service Rate	\$/kWh	0.00640	1.563%	0.00650
General Service Less Than 50 kW				
Retail Transmission Rate – Network Service Rate	\$/kWh	0.00590	1.695%	0.00600
General Service 50 to 4,999 kW				
Retail Transmission Rate – Network Service Rate	\$/kW	2.34710	2.109%	2.39660
Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	2.60570	2.111%	2.66070
Large Use				
Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	2.76030	2.112%	2.81860
Unmetered Scattered Load				
Retail Transmission Rate – Network Service Rate	\$/kWh	0.00590	1.695%	0.00600
Sentinel Lighting				
Retail Transmission Rate – Network Service Rate	\$/kW	1.77900	2.114%	1.81660
Street Lighting				
Retail Transmission Rate – Network Service Rate	\$/kW	1.76980	2.113%	1.80720



Ontario Energy Board
**3RD Generation Incentive
Regulation Model**

Middlesex Power Distribution Corporation - EB-2011-0148

Current RTSR-Connection Rates are listed below. In column "K", please enter your proposed RTSR-Connection Rates as per Sheet 13 of the Board's RTSR Workform.

Rate Description	Unit	Current Amount	% Adjustment	Proposed Amount
Residential				
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.00510	0.000%	0.00510
General Service Less Than 50 kW				
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.00450	0.000%	0.00450
General Service 50 to 4,999 kW				
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.82350	-0.965%	1.80590
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	\$/kW	2.05290	-0.964%	2.03310
Large Use				
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.28600	-0.967%	2.26390
Unmetered Scattered Load				
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.00450	0.000%	0.00450
Sentinel Lighting				
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.43920	-0.966%	1.42530
Street Lighting				
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.40970	-0.965%	1.39610



Ontario Energy Board

**3RD Generation Incentive
 Regulation Model**

Middlesex Power Distribution Corporation - EB-2011-0148

If applicable, please enter any adjustments related to the revenue to cost ratio model into columns H and K.
 The Price Escalator has been set at the 2011 values and will be updated by Board staff. The Stretch Factor Value will also be updated by Board staff.

Price Escalator 1.30% Productivity Factor 0.72% Price Cap Index **0.38%**

Choose Stretch Factor Group | Associated Stretch Factor Value 0.2%

Rate Description	Unit	Current MFC	MFC Adjustment from R/C Model	Current Volumetric Charge	Unit	DVR Adjustment from R/C Model	Price Cap Index	Proposed MFC	Proposed Volumetric Charge
Residential									
General Service Less Than 50 kW	\$	13.76	0.00	0.01390	\$/kWh	0.00000	0.380%	13.81	0.01395
General Service 50 to 4,999 kW	\$	18.18	0.00	0.00480	\$/kWh	0.00000	0.380%	18.25	0.00482
Large Use									
Unmetered Scattered Load	\$	43.44	0.00	1.43970	\$/kW	0.00000	0.380%	43.61	1.44517
Sentinel Lighting	\$	3,667.79	0.00	0.05400	\$/kW	0.00000	0.380%	3,681.73	0.05421
Street Lighting	\$	9.10	0.00	0.00520	\$/kWh	0.00000	0.380%	9.13	0.00522
	\$	0.18	0.00	0.98780	\$/kW	0.00000	0.380%	0.18	0.99155
	\$	0.14	0.00	0.57880	\$/kW	0.00000	0.380%	0.14	0.58100





Ontario Energy Board

3RD Generation Incentive Regulation Model

Middlesex Power Distribution Corporation - EB-2011-0148

Please enter the descriptions of the current Loss Factors from your most recent Board-Approved Tariff of Rates and Charges by using the drop-down menu in the column labeled "Loss Factors". If the description is not found in the drop-down menu, please enter the description in the green cells under the correct classes.

Loss Factors	Current
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

Section 2

Proposed Tariff of Rates and Charges

Middlesex Power Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2012
Implementation Date May 1, 2012

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

EB-2011-0148

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	13.81
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
Distribution Volumetric Rate	\$/kWh	0.0140
Low Voltage Service Rate	\$/kWh	0.0003
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery - Effective Until April 30, 2013	\$/kWh	0.0004
Rate Rider for Tax Change - Effective Until April 30, 2013	\$/kWh	(0.0002)
Rate Rider for Deferral/Variance Account Disposition (2012) - Effective Until April 30, 2013	\$/kWh	(0.0004)
Rate Rider for Global Adjustment Sub-Account (2012) – Applicable only for Non-RPP Customers - Effective Until April 30, 2013	\$/kWh	(0.0013)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0051

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 Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2012
Implementation Date May 1, 2012

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

EB-2011-0148

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	18.25
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
Distribution Volumetric Rate	\$/kWh	0.0048
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery - Effective Until April 30, 2013	\$/kWh	0.0005
Rate Rider for Tax Change - Effective Until April 30, 2013	\$/kWh	(0.0001)
Rate Rider for Deferral/Variance Account Disposition (2012) - Effective Until April 30, 2013	\$/kWh	(0.0004)
Rate Rider for Global Adjustment Sub-Account (2012) – Applicable only for Non-RPP Customers - Effective Until April 30, 2013	\$/kWh	(0.0013)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0060
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045

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 Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2012
Implementation Date May 1, 2012

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

EB-2011-0148

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	43.61
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
Distribution Volumetric Rate	\$/kW	1.4452
Low Voltage Service Rate	\$/kW	0.1010
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery - Effective Until April 30, 2013	\$/kW	0.0005
Rate Rider for Tax Change - Effective Until April 30, 2013	\$/kW	(0.0120)
Rate Rider for Deferral/Variance Account Disposition (2012) - Effective Until April 30, 2013	\$/kW	(0.1734)
Rate Rider for Global Adjustment Sub-Account (2012) – Applicable only for Non-RPP Customers - Effective Until April 30, 2013	\$/kW	(0.4881)
Retail Transmission Rate – Network Service Rate	\$/kW	2.3966
Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	2.6607
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.8059
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	\$/kW	2.0331

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 Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2012
Implementation Date May 1, 2012

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

EB-2011-0148

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	3,681.73
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
Distribution Volumetric Rate	\$/kW	0.0542
Low Voltage Service Rate	\$/kW	0.1297
Rate Rider for Tax Change - Effective Until April 30, 2013	\$/kW	(0.0061)
Rate Rider for Deferral/Variance Account Disposition (2012) - Effective Until April 30, 2013	\$/kW	(0.2300)
Rate Rider for Global Adjustment Sub-Account (2012) – Applicable only for Non-RPP Customers - Effective Until April 30, 2013	\$/kW	(0.6477)
Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	2.8186
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.2639

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 Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2012
Implementation Date May 1, 2012

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EB-2011-0148

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	9.13
Distribution Volumetric Rate	\$/kWh	0.0052
Low Voltage Service Rate	\$/kWh	0.0003
Rate Rider for Tax Change - Effective Until April 30, 2013	\$/kWh	(0.0002)
Rate Rider for Deferral/Variance Account Disposition (2012) - Effective Until April 30, 2013	\$/kWh	(0.0004)
Rate Rider for Global Adjustment Sub-Account (2012) – Applicable only for Non-RPP Customers - Effective Until April 30, 2013	\$/kWh	(0.0013)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0060
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045

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 Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2012
Implementation Date May 1, 2012

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

EB-2011-0148

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	0.18
Distribution Volumetric Rate	\$/kW	0.9916
Low Voltage Service Rate	\$/kW	0.0815
Rate Rider for Tax Change - Effective Until April 30, 2013	\$/kW	(0.0133)
Rate Rider for Deferral/Variance Account Disposition (2012) - Effective Until April 30, 2013	\$/kW	(0.1602)
Rate Rider for Global Adjustment Sub-Account (2012) – Applicable only for Non-RPP Customers - Effective Until April 30, 2013	\$/kW	(0.4510)
Retail Transmission Rate – Network Service Rate	\$/kW	1.8166
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4253

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 Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2012
Implementation Date May 1, 2012

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

EB-2011-0148

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.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	0.14
Distribution Volumetric Rate	\$/kW	0.5810
Low Voltage Service Rate - Effective Until	\$/kW	0.0788
Rate Rider for Tax Change - Effective Until April 30, 2013	\$/kW	(0.0098)
Rate Rider for Deferral/Variance Account Disposition (2012) - Effective Until April 30, 2013	\$/kW	(0.1502)
Rate Rider for Global Adjustment Sub-Account (2012) – Applicable only for Non-RPP Customers - Effective Until April 30, 2013	\$/kW	(0.4228)
Retail Transmission Rate – Network Service Rate	\$/kW	1.8072
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3961

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 Corporation
TARIFF OF RATES AND CHARGES
Effective Date May 1, 2012
Implementation Date May 1, 2012

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EB-2011-0148

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 Condition of Service.

APPLICATION

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

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

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.25
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Middlesex Power Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2012
Implementation Date May 1, 2012

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

EB-2011-0148

ALLOWANCES

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

SPECIFIC SERVICE CHARGES

APPLICATION

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

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

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

Customer Administration

Arrears certificate	\$	15.00
Easement letter	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque charge (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 at meter - during regular hours	\$	65.00
Temporary service install & remove - overhead - no transformer	\$	500.00
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35

Middlesex Power Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2012
Implementation Date May 1, 2012

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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.

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

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing 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 factor 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

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Section 3

Proposed Bill Impacts



Rate Class

Residential

Monthly Rates and Charges	Current Rate	Applied For Rate
Service Charge	13.76	13.81
Smart Meter Funding Adder	1.18	-
Service Charge Rate Rider(s)	2.26	2.00
Distribution Volumetric Rate	0.01390	0.01395
Distribution Volumetric Rate Rider(s)	0.00130	(0.00024)
Low Voltage Volumetric Rate	0.00030	0.00030
Retail Transmission Rate – Network Service Rate	0.00640	0.00650
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.00510	0.00510
Wholesale Market Service Rate	0.0052	0.0052
Rural Rate Protection Charge	0.0013	0.0013
Standard Supply Service – Administration Charge (if applicable)	0.25	0.25
Debt Retirement Charge (DRC)	0.0070	0.0070
Loss Factor	1.0608	1.0608

Consumption	800	kWh	kW
RPP Tier One	600	kWh	Load Factor

Current Loss Factor	1.0608
Proposed Loss Factor	1.0608

Residential	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	600.00	0.0680	40.80	600.00	0.0680	40.80	0.00	0.00%	33.22%
Energy Second Tier (kWh)	248.64	0.0790	19.64	248.64	0.0790	19.64	0.00	0.00%	16.00%
Sub-Total: Energy			60.44			60.44	0.00	0.00%	49.22%
Service Charge	1	13.76	13.76	1	13.81	13.81	0.05	0.36%	11.25%
Service Charge Rate Rider(s)	1	3.44	3.44	1	2.00	2.00	-1.44	(41.86)%	1.63%
Distribution Volumetric Rate	800	0.0139	11.12	800	0.0140	11.16	0.04	0.38%	9.09%
Low Voltage Volumetric Rate	800	0.0003	0.24	800	0.0003	0.24	0.00	0.00%	0.20%
Distribution Volumetric Rate Rider(s)	800	0.0013	1.04	800	(0.0002)	(0.20)	-1.24	(118.80)%	(0.16)%
Total: Distribution			29.60			27.02	-2.58	(8.72)%	22.00%
Retail Transmission Rate – Network Service Rate	848.64	0.0064	5.43	848.64	0.0065	5.52	0.08	1.56%	4.49%
Retail Transmission Rate – Line and Transformation Connection Service Rate	848.64	0.0051	4.33	848.64	0.0051	4.33	0.00	0.00%	3.52%
Total: Retail Transmission			9.76			9.84	0.08	0.87%	8.02%
Sub-Total: Delivery (Distribution and Retail Transmission)			39.36			36.86	-2.50	(6.34)%	30.02%
Wholesale Market Service Rate	848.64	0.0052	4.41	848.64	0.0052	4.41	0.00	0.00%	3.59%
Rural Rate Protection Charge	848.64	0.0013	1.10	848.64	0.0013	1.10	0.00	0.00%	0.90%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.20%
Sub-Total: Regulatory			5.77			5.77			4.70%
Debt Retirement Charge (DRC)	800.00	0.00700	5.60	800	0.0070	5.60	0.00	0.00%	4.56%
Total Bill before Taxes			111.17			108.67	-2.50	(2.25)%	88.50%
HST		13%	14.45		13%	14.13	-0.32	(2.25)%	11.50%
Total Bill			125.62			122.80	-2.82	(2.25)%	100.00%
Ontario Clean Energy Benefit (OCEB)		(10%)	-12.56		(10%)	-12.28			
Total Bill (less OCEB)			113.06			110.52	(2.54)	(2.25)%	



Rate Class

General Service Less Than 50 kW

Monthly Rates and Charges	Current Rate	Applied For Rate
Service Charge	18.18	18.25
Smart Meter Funding Adder	1.18	-
Service Charge Rate Rider(s)	2.31	2.00
Distribution Volumetric Rate	0.00480	0.00482
Distribution Volumetric Rate Rider(s)	0.00020	(0.00004)
Low Voltage Volumetric Rate	0.00020	0.00020
Retail Transmission Rate – Network Service Rate	0.00590	0.00600
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.00450	0.00450
Wholesale Market Service Rate	0.0052	0.0052
Rural Rate Protection Charge	0.0013	0.0013
Standard Supply Service – Administration Charge (if applicable)	0.25	0.25
Debt Retirement Charge (DRC)	0.0070	0.0070
Loss Factor	1.0608	1.0608

Consumption	2,000	kWh	kW
RPP Tier One	600	kWh	Load Factor

Current Loss Factor	1.0608
Proposed Loss Factor	1.0608

General Service Less Than 50 kW	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	600.00	0.0680	40.80	600.00	0.0680	40.80	0.00	0.00%	14.95%
Energy Second Tier (kWh)	1,521.60	0.0790	120.21	1,521.60	0.0790	120.21	0.00	0.00%	44.04%
Sub-Total: Energy			161.01			161.01	0.00	0.00%	58.99%
Service Charge	1	18.18	18.18	1	18.25	18.25	0.07	0.38%	6.69%
Service Charge Rate Rider(s)	1	3.49	3.49	1	2.00	2.00	-1.49	(42.69)%	0.73%
Distribution Volumetric Rate	2,000	0.0048	9.60	2,000	0.0048	9.64	0.04	0.38%	3.53%
Low Voltage Volumetric Rate	2,000	0.0002	0.40	2,000	0.0002	0.40	0.00	0.00%	0.15%
Distribution Volumetric Rate Rider(s)	2,000	0.0002	0.40	2,000	(0.0000)	(0.09)	-0.49	(122.22)%	(0.03)%
Total: Distribution			32.07			30.20	-1.87	(5.84)%	11.06%
Retail Transmission Rate – Network Service Rate	2,121.60	0.0059	12.52	2,121.60	0.0060	12.73	0.21	1.69%	4.66%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,121.60	0.0045	9.55	2,121.60	0.0045	9.55	0.00	0.00%	3.50%
Total: Retail Transmission			22.06			22.28	0.21	0.96%	8.16%
Sub-Total: Delivery (Distribution and Retail Transmission)			54.13			52.47	-1.66	(3.07)%	19.23%
Wholesale Market Service Rate	2,121.60	0.0052	11.03	2,121.60	0.0052	11.03	0.00	0.00%	4.04%
Rural Rate Protection Charge	2,121.60	0.0013	2.76	2,121.60	0.0013	2.76	0.00	0.00%	1.01%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.09%
Sub-Total: Regulatory			14.04			14.04			5.14%
Debt Retirement Charge (DRC)	2,000.00	0.0070	14.00	2,000	0.0070	14.00	0.00	0.00%	5.13%
Total Bill before Taxes			243.18			241.52	-1.66	(0.68)%	88.50%
HST		13%	31.61		13%	31.40	-0.22	(0.68)%	11.50%
Total Bill			274.80			272.92	-1.88	(0.68)%	100.00%
Ontario Clean Energy Benefit (OCEB)		(10%)	-27.48		(10%)	-27.29			
Total Bill (less OCEB)			247.32			245.63	(1.69)	(0.68)%	



Rate Class

General Service 50 to 4,999 kW

Monthly Rates and Charges	Current Rate	Applied For Rate
Service Charge	43.44	43.61
Smart Meter Funding Adder	1.18	-
Service Charge Rate Rider(s)	5.03	2.00
Distribution Volumetric Rate	1.43970	1.44517
Distribution Volumetric Rate Rider(s)	0.00010	(0.18485)
Low Voltage Volumetric Rate	0.10100	0.10100
Retail Transmission Rate – Network Service Rate	2.34710	2.39660
Retail Transmission Rate – Line and Transformation Connection Service Rate	1.82350	1.80590
Wholesale Market Service Rate	0.0052	0.0052
Rural Rate Protection Charge	0.0013	0.0013
Standard Supply Service – Administration Charge (if applicable)	0.25	0.25
Debt Retirement Charge (DRC)	0.0070	0.0070
Loss Factor	1.0608	1.0608

Consumption	1,095,000	kWh	2,500	kW
		kWh	Load Factor	60.0%

Current Loss Factor	1.0608
Proposed Loss Factor	1.0608

General Service 50 to 4,999 kW	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	1,161,576.00	0.0680	78,987.17	1,161,576	0.0680	78,987.17	0.00	0.00%	152437.11%
Energy Second Tier (kWh)			0.00			0.00	0.00	0.00%	0.00%
Sub-Total: Energy			78,987.17			78,987.17	0.00	0.00%	152437.11%
Service Charge	1	43.44	43.44	1	43.61	43.61	0.17	0.38%	84.15%
Service Charge Rate Rider(s)	1	6.21	6.21	1	2.00	2.00	-4.21	(67.79)%	3.86%
Distribution Volumetric Rate	2,500	1.4397	3,599.25	2,500	1.4452	3,612.93	13.68	0.38%	6972.58%
Low Voltage Volumetric Rate	2,500	0.1010	252.50	2,500	0.1010	252.50	0.00	0.00%	487.30%
Distribution Volumetric Rate Rider(s)	2,500	0.0001	0.25	2,500	(0.1849)	(462.14)	-462.39	(184954.81)%	(891.88)%
Total: Distribution			3,901.65			3,448.90	-452.75	(11.60)%	6656.01%
Retail Transmission Rate – Network Service Rate	2,500.00	2.3471	5,867.75	2,500.00	2.3966	5,991.50	123.75	2.11%	11562.98%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,500.00	1.8235	4,558.75	2,500.00	1.8059	4,514.75	-44.00	(0.97)%	8713.00%
Total: Retail Transmission			10,426.50			10,506.25	79.75	0.76%	20275.98%
Sub-Total: Delivery (Distribution and Retail Transmission)			14,328.15			13,955.15	-373.00	(2.60)%	26932.00%
Wholesale Market Service Rate	1,161,576.00	0.0052	6,040.20	1,161,576.00	0.0052	6,040.20	0.00	0.00%	11656.96%
Rural Rate Protection Charge	1,161,576.00	0.0013	1,510.05	1,161,576.00	0.0013	1,510.05	0.00	0.00%	2914.24%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.48%
Sub-Total: Regulatory			7,550.49			7,550.49			14571.68%
Debt Retirement Charge (DRC)	1,095,000.00	0.00700	7,665.00	1,095,000	0.0070	7,665.00	0.00	0.00%	14792.66%
Total Bill before Taxes			108,530.81			108,157.81	-373.00	(0.34)%	208733.45%
HST		13%	14,109.01		13%	14,060.51	-48.49	(0.34)%	27135.35%
Total Bill			122,639.82			122,218.32	-421.50	(0.34)%	235868.80%
Ontario Clean Energy Benefit (OCEB)		(10%)	-12,263.98		(10%)	-12,221.83			
Total Bill (less OCEB)			110,375.84			109,996.49	(379.35)	(0.34)%	



Rate Class

Large Use

Monthly Rates and Charges	Current Rate	Applied For Rate
Service Charge	3,667.79	3,681.73
Smart Meter Funding Adder	1.18	-
Service Charge Rate Rider(s)	24.55	2.00
Distribution Volumetric Rate	0.05400	0.05421
Distribution Volumetric Rate Rider(s)	0.00000	(0.23613)
Low Voltage Volumetric Rate	0.12970	0.12970
Retail Transmission Rate – Network Service Rate	2.76030	0.00000
Retail Transmission Rate – Line and Transformation Connection Service Rate	2.28600	2.26390
Wholesale Market Service Rate	0.0052	0.0052
Rural Rate Protection Charge	0.0013	0.0013
Standard Supply Service – Administration Charge (if applicable)	0.25	0.25
Debt Retirement Charge (DRC)	0.0070	0.0070
Loss Factor	1.0045	1.0045

Consumption	2,190,000	kWh	5,000	kW
		kWh	Load Factor	60.0%

Current Loss Factor	1.0045
Proposed Loss Factor	1.0045

Large Use	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	2,199,855.00	0.0680	149,590.14	2,199,855	0.0680	149,590.14	0.00	0.00%	3593.42%
Energy Second Tier (kWh)			0.00			0.00	0.00	0.00%	0.00%
Sub-Total: Energy			149,590.14			149,590.14	0.00	0.00%	3593.42%
Service Charge	1	3,667.79	3,667.79	1	3,681.73	3,681.73	13.94	0.38%	88.44%
Service Charge Rate Rider(s)	1	25.73	25.73	1	2.00	2.00	-23.73	(92.23)%	0.05%
Distribution Volumetric Rate	5,000	0.0540	270.00	5,000	0.0542	271.03	1.03	0.38%	6.51%
Low Voltage Volumetric Rate	5,000	0.1297	648.50	5,000	0.1297	648.50	0.00	0.00%	15.58%
Distribution Volumetric Rate Rider(s)	5,000	0.0000	0.00	5,000	(0.2361)	(1,180.65)	-1,180.65	0.00%	(28.36)%
Total: Distribution			4,612.02			3,422.60	-1,189.42	(25.79)%	82.22%
Retail Transmission Rate – Network Service Rate	5,000.00	2.7603	13,801.50	5,000.00	0.0000	0.00	-13,801.50	(100.00)%	0.00%
Retail Transmission Rate – Line and Transformation Connection Service Rate	5,000.00	2.2860	11,430.00	5,000.00	2.2639	11,319.50	-110.50	(0.97)%	271.91%
Total: Retail Transmission			25,231.50			11,319.50	-13,912.00	(55.14)%	271.91%
Sub-Total: Delivery (Distribution and Retail Transmission)			29,843.52			14,742.10	-15,101.42	(50.60)%	354.13%
Wholesale Market Service Rate	2,199,855.00	0.0052	11,439.25	2,199,855.00	0.0052	11,439.25	0.00	0.00%	274.79%
Rural Rate Protection Charge	2,199,855.00	0.0013	2,859.81	2,199,855.00	0.0013	2,859.81	0.00	0.00%	68.70%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.01%
Sub-Total: Regulatory			14,299.31			14,299.31			343.49%
Debt Retirement Charge (DRC)	2,190,000.00	0.00700	15,330.00	2,190,000	0.0070	15,330.00	0.00	0.00%	368.25%
Total Bill before Taxes			209,062.97			193,961.55	-15,101.42	(7.22)%	4659.30%
HST		13%	27,178.19		13%	25,215.00	-1,963.18	(7.22)%	605.71%
Total Bill			236,241.15			219,176.55	-17,064.60	(7.22)%	5265.00%
Ontario Clean Energy Benefit (OCEB)		(10%)	-23,624.12		(10%)	-21,917.66			
Total Bill (less OCEB)			212,617.04			197,258.90	(15,358.14)	(7.22)%	



Rate Class

Unmetered Scattered Load

Monthly Rates and Charges	Current Rate	Applied For Rate
Service Charge	9.10	9.13
Smart Meter Funding Adder	-	-
Service Charge Rate Rider(s)	0.11	-
Distribution Volumetric Rate	0.00520	0.00522
Distribution Volumetric Rate Rider(s)	0.00000	(0.00064)
Low Voltage Volumetric Rate	0.00030	0.00030
Retail Transmission Rate – Network Service Rate	0.00590	0.00600
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.00450	0.00450
Wholesale Market Service Rate	0.0052	0.0052
Rural Rate Protection Charge	0.0013	0.0013
Standard Supply Service – Administration Charge (if applicable)	0.25	0.25
Debt Retirement Charge (DRC)	0.0070	0.0070
Loss Factor	1.0608	1.0608

Consumption	0	kWh	kW
RPP Tier One	600	kWh	Load Factor

Current Loss Factor	1.0608
Proposed Loss Factor	1.0608

Unmetered Scattered Load	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	0.00	0.0680	0.00	0.00	0.0680	0.00	0.00	0.00%	0.00%
Energy Second Tier (kWh)	0.00	0.0790	0.00	0.00	0.0790	0.00	0.00	0.00%	0.00%
Sub-Total: Energy			0.00			0.00	0.00	0.00%	0.00%
Service Charge	1	9.10	9.10	1	9.13	9.13	0.03	0.38%	86.14%
Service Charge Rate Rider(s)	1	0.11	0.11	1	0.00	0.00	-0.11	(100.00)%	0.00%
Distribution Volumetric Rate	0	0.0052	0.00	0	0.0052	0.00	0.00	0.00%	0.00%
Low Voltage Volumetric Rate	0	0.0003	0.00	0	0.0003	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate Rider(s)	0	0.0000	0.00	0	(0.0006)	0.00	0.00	0.00%	0.00%
Total: Distribution			9.21			9.13	-0.08	(0.82)%	86.14%
Retail Transmission Rate – Network Service Rate	0.00	0.0059	0.00	0.00	0.0060	0.00	0.00	0.00%	0.00%
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.00	0.0045	0.00	0.00	0.0045	0.00	0.00	0.00%	0.00%
Total: Retail Transmission			0.00			0.00	0.00	0.00%	0.00%
Sub-Total: Delivery (Distribution and Retail Transmission)			9.21			9.13	-0.08	(0.82)%	86.14%
Wholesale Market Service Rate	0.00	0.0052	0.00	0.00	0.0052	0.00	0.00	0.00%	0.00%
Rural Rate Protection Charge	0.00	0.0013	0.00	0.00	0.0013	0.00	0.00	0.00%	0.00%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	2.36%
Sub-Total: Regulatory			0.25			0.25			2.36%
Debt Retirement Charge (DRC)	0.00	0.00700	0.00	0	0.0070	0.00	0.00	0.00%	0.00%
Total Bill before Taxes			9.46			9.38	-0.08	(0.80)%	88.50%
HST		13%	1.23		13%	1.22	-0.01	(0.80)%	11.50%
Total Bill			10.69			10.60	-0.09	(0.80)%	100.00%
Ontario Clean Energy Benefit (OCEB)		(10%)	-1.07		(10%)	-1.06			
Total Bill (less OCEB)			9.62			9.54	(0.08)	(0.80)%	



Rate Class

Sentinel Lighting

Monthly Rates and Charges	Current Rate	Applied For Rate
Service Charge	0.18	0.18
Smart Meter Funding Adder	-	-
Service Charge Rate Rider(s)	0.01	-
Distribution Volumetric Rate	0.98780	0.99155
Distribution Volumetric Rate Rider(s)	0.00000	(0.17347)
Low Voltage Volumetric Rate	0.08150	0.08150
Retail Transmission Rate – Network Service Rate	1.77900	1.81660
Retail Transmission Rate – Line and Transformation Connection Service Rate	1.43920	1.42530
Wholesale Market Service Rate	0.0052	0.0052
Rural Rate Protection Charge	0.0013	0.0013
Standard Supply Service – Administration Charge (if applicable)	0.25	0.25
Debt Retirement Charge (DRC)	0.0070	0.0070
Loss Factor	1.0608	1.0608

Consumption	kWh	kW
	kWh	Load Factor

Current Loss Factor	1.0608
Proposed Loss Factor	1.0608

Sentinel Lighting	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	0.00	0.0680	0.00	0	0.0680	0.00	0.00	0.00%	0.00%
Energy Second Tier (kWh)			0.00			0.00	0.00	0.00%	0.00%
Sub-Total: Energy			0.00			0.00	0.00	0.00%	0.00%
Service Charge	1	0.18	0.18	1	0.18	0.18	0.00	0.38%	37.13%
Service Charge Rate Rider(s)	1	0.01	0.01	1	0.00	0.00	-0.01	(100.00)%	0.00%
Distribution Volumetric Rate	0	0.9878	0.00	0	0.9916	0.00	0.00	0.00%	0.00%
Low Voltage Volumetric Rate	0	0.0815	0.00	0	0.0815	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate Rider(s)	0	0.0000	0.00	0	(0.1735)	0.00	0.00	0.00%	0.00%
Total: Distribution			0.19			0.18	-0.01	(4.90)%	37.13%
Retail Transmission Rate – Network Service Rate	0.00	1.7790	0.00	0.00	1.8166	0.00	0.00	0.00%	0.00%
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.00	1.4392	0.00	0.00	1.4253	0.00	0.00	0.00%	0.00%
Total: Retail Transmission			0.00			0.00	0.00	0.00%	0.00%
Sub-Total: Delivery (Distribution and Retail Transmission)			0.19			0.18	-0.01	(4.90)%	37.13%
Wholesale Market Service Rate	0.00	0.0052	0.00	0.00	0.0052	0.00	0.00	0.00%	0.00%
Rural Rate Protection Charge	0.00	0.0013	0.00	0.00	0.0013	0.00	0.00	0.00%	0.00%
Standard Supply Service – Administration Charge (if applicable)	1	0.2500	0.25	1	0.25	0.25	0.00	0.00%	51.37%
Sub-Total: Regulatory			0.25			0.25			51.37%
Debt Retirement Charge (DRC)	0.00	0.007	0.00	0	0.0070	0.00	0.00	0.00%	0.00%
Total Bill before Taxes			0.44			0.43	-0.01	(2.12)%	88.50%
HST		13%	0.06		13%	0.06	-0.00	(2.12)%	11.50%
Total Bill			0.50			0.49	-0.01	(2.12)%	100.00%
Ontario Clean Energy Benefit (OCEB)		(10%)	-0.05		(10%)	-0.05			
Total Bill (less OCEB)			0.45			0.44	(0.01)	(2.12)%	



Rate Class

Street Lighting

Monthly Rates and Charges	Current Rate	Applied For Rate
Service Charge	0.14	0.14
Smart Meter Funding Adder	-	-
Service Charge Rate Rider(s)	-	-
Distribution Volumetric Rate	0.57880	0.58100
Distribution Volumetric Rate Rider(s)	0.00000	(0.15995)
Low Voltage Volumetric Rate	0.07880	0.07880
Retail Transmission Rate – Network Service Rate	1.76980	1.80720
Retail Transmission Rate – Line and Transformation Connection Service Rate	1.40970	1.39610
Wholesale Market Service Rate	0.0052	0.0052
Rural Rate Protection Charge	0.0013	0.0013
Standard Supply Service – Administration Charge (if applicable)	0.25	0.25
Debt Retirement Charge (DRC)	0.0070	0.0070
Loss Factor	1.0608	1.0608

Consumption	kWh	kW
	kWh	Load Factor

Current Loss Factor	1.0608
Proposed Loss Factor	1.0608

Street Lighting	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total Bill
Energy First Tier (kWh)	0.00	0.0680	0.00	0	0.0680	0.00	0.00	0.00%	0.00%
Energy Second Tier (kWh)			0.00			0.00	0.00	0.00%	0.00%
Sub-Total: Energy			0.00			0.00	0.00	0.00%	0.00%
Service Charge	1	0.14	0.14	1	0.14	0.14	0.00	0.38%	31.84%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	0	0.5788	0.00	0	0.5810	0.00	0.00	0.00%	0.00%
Low Voltage Volumetric Rate	0	0.0788	0.00	0	0.0788	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate Rider(s)	0	0.0000	0.00	0	(0.1600)	0.00	0.00	0.00%	0.00%
Total: Distribution			0.14			0.14	0.00	0.38%	31.84%
Retail Transmission Rate – Network Service Rate	0.00	1.7698	0.00	0.00	1.8072	0.00	0.00	0.00%	0.00%
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.00	1.4097	0.00	0.00	1.3961	0.00	0.00	0.00%	0.00%
Total: Retail Transmission			0.00			0.00	0.00	0.00%	0.00%
Sub-Total: Delivery (Distribution and Retail Transmission)			0.14			0.14	0.00	0.38%	31.84%
Wholesale Market Service Rate	0.00	0.0052	0.00	0.00	0.0052	0.00	0.00	0.00%	0.00%
Rural Rate Protection Charge	0.00	0.0013	0.00	0.00	0.0013	0.00	0.00	0.00%	0.00%
Standard Supply Service – Administration Charge (if applicable)	1	0.2500	0.25	1	0.25	0.25	0.00	0.00%	56.65%
Sub-Total: Regulatory			0.25			0.25			56.65%
Debt Retirement Charge (DRC)	0.00	0.007	0.00	0	0.0070	0.00	0.00	0.00%	0.00%
Total Bill before Taxes			0.39			0.39	0.00	0.14%	88.50%
HST		13%	0.05		13%	0.05	0.00	0.14%	11.50%
Total Bill			0.44			0.44	0.00	0.14%	100.00%
Ontario Clean Energy Benefit (OCEB)		(10%)	-0.04		(10%)	-0.04			
Total Bill (less OCEB)			0.40			0.40	0.00	0.14%	

MPDC - Main
Bill Impact Analysis

Description	Large User							
	Rates			Volume	Monthly Bill Impacts			
	Final 2011	Proposed 2012	\$ Increase (Decrease)		Final 2011	Proposed 2012	\$ Increase (Decrease)	% Increase (Decrease)
Estimated kWh				2,190,000				
Estimated kW				5,000				
First Tier	\$0.068	\$0.07	\$0.00	2,199,855	\$149,590.14	\$149,590.14	\$0.00	
Second Tier	\$0.079	\$0.08	\$0.00	-	\$0.00	\$0.00	\$0.00	
Total Energy Cost					\$149,590.14	\$149,590.14		
Service Charge	\$3,667.79	\$3,681.73	\$13.94	1	\$3,667.79	\$3,681.73	\$13.94	
Smart Meter Funding Adder	\$1.18	\$0.00	-\$1.18	1	\$1.18	\$0.00	-\$1.18	
Smart Meter Disposition Rider 2	\$1.23	\$1.23	\$0.00	1	\$1.23	\$1.23	\$0.00	
Smart Meter Disposition Rider 3	\$0.77	\$0.77	\$0.00	1	\$0.77	\$0.77	\$0.00	
Rate Rider for Recovery of Late Payment penalty Litigation Costs	\$22.55	\$0.00	-\$22.55	1	\$22.55	\$0.00	-\$22.55	
Total Fixed Distribution					\$3,693.52	\$3,683.73	-\$9.79	
Distribution Volumetric Rate	\$0.0540	\$0.0542	\$0.0002	5,000	\$270.00	\$271.00	\$1.00	
Low Voltage Service Rate	\$0.1297	\$0.1297	\$0.0000	5,000	\$648.50	\$648.50	\$0.00	
Rate Rider for Tax Savings	\$0.0000	-\$0.0061	-\$0.0061	5,000	\$0.00	-\$30.50	-\$30.50	
LRAM Rate Rider	\$0.0000	\$0.0000	\$0.0000	5,000	\$0.00	\$0.00	\$0.00	
Rate Rider for Deferral/Variance Account Disposition (2012)	\$0.0000	-\$0.2300	-\$0.2300	5,000	\$0.00	-\$1,150.00	-\$1,150.00	
Total Volumetric					\$918.50	-\$261.00	-\$1,179.50	
Retail Transmission Rate - Network Service Rate	\$2.7603	\$2.8186	\$0.0583	5,000	\$13,801.50	\$14,093.00	\$291.50	
Retail Transmission Rate - Line and Transformation Connection	\$2.2860	\$2.2639	-\$0.0221	5,000	\$11,430.00	\$11,319.50	-\$110.50	
Total Transmission					\$25,231.50	\$25,412.50	\$181.00	
Wholesale Market Service Rate	\$0.0052	\$0.0052	\$0.0000	2,199,855	\$11,439.25	\$11,439.25	\$0.00	
Rural Rate Protection Charge	\$0.0013	\$0.0013	\$0.0000	2,199,855	\$2,859.81	\$2,859.81	\$0.00	
Admin Charge	\$0.2500	\$0.2500	\$0.0000	1	\$0.25	\$0.25	\$0.00	
Debt Retirement	\$0.0070	\$0.0070	\$0.0000	2,190,000	\$15,330.00	\$15,330.00	\$0.00	
Subtotal Before Tax					\$209,062.97	\$208,054.68	-\$1,008.29	
HST					\$27,178.19	\$27,047.11	-\$131.08	
OCEB							\$0.00	
Total Bill					\$236,241.15	\$235,101.79	-\$1,139.37	-0.5%

MPDC - Main
Bill Impact Analysis

Description	Unmetered Scattered Load							
	Rates			Volume	Monthly Bill Impacts			
	Final 2011	Proposed 2012	\$ Increase (Decrease)		Final 2011	Proposed 2012	\$ Increase (Decrease)	% Increase (Decrease)
Estimated kWh				2,000.0				
Estimated kW				-				
First Tier	\$0.068	\$0.07	\$0.00	600.0	\$40.80	\$40.80	\$0.00	
Second Tier	\$0.079	\$0.08	\$0.00	1,521.6	\$120.21	\$120.21	\$0.00	
Total Energy Cost				2,121.6	\$161.01	\$161.01		
Service Charge	\$9.10	\$9.13	\$0.03	1.0	\$9.10	\$9.13	\$0.03	
Smart Meter Funding Adder	\$0.00	\$0.00	\$0.00	1.0	\$0.00	\$0.00	\$0.00	
Smart Meter Disposition Rider 2	\$0.00	\$0.00	\$0.00	1.0	\$0.00	\$0.00	\$0.00	
Smart Meter Disposition Rider 3	\$0.00	\$0.00	\$0.00	1.0	\$0.00	\$0.00	\$0.00	
Rate Rider for Recovery of Late Payment penalty Litigation Costs	\$0.11	\$0.00	-\$0.11	1.0	\$0.11	\$0.00	-\$0.11	
Total Fixed Distribution					\$9.21	\$9.13	-\$0.08	
Distribution Volumetric Rate	\$0.0052	\$0.0052	\$0.0000	2,000.0	\$10.40	\$10.40	\$0.00	
Low Voltage Service Rate	\$0.0003	\$0.0003	\$0.0000	2,000.0	\$0.60	\$0.60	\$0.00	
Rate Rider for Tax Savings	\$0.0000	-\$0.0002	-\$0.0002	2,000.0	\$0.00	-\$0.40	-\$0.40	
LRAM Rate Rider	\$0.0000	\$0.0000	\$0.0000	2,000.0	\$0.00	\$0.00	\$0.00	
Rate Rider for Deferral/Variance Account Disposition (2012)	\$0.0000	-\$0.0004	-\$0.0004	2,000.0	\$0.00	-\$0.80	-\$0.80	
Total Volumetric					\$11.00	\$9.80	-\$1.20	
Retail Transmission Rate - Network Service Rate	\$0.0059	\$0.0060	\$0.0001	2,121.6	\$12.52	\$12.73	\$0.21	
Retail Transmission Rate - Line and Transformation Connection	\$0.0045	\$0.0045	\$0.0000	2,121.6	\$9.55	\$9.55	\$0.00	
Total Transmission					\$22.06	\$22.28	\$0.21	
Wholesale Market Service Rate	\$0.0052	\$0.0052	\$0.0000	2,121.6	\$11.03	\$11.03	\$0.00	
Rural Rate Protection Charge	\$0.0013	\$0.0013	\$0.0000	2,121.6	\$2.76	\$2.76	\$0.00	
Admin Charge	\$0.2500	\$0.2500	\$0.0000	1.0	\$0.25	\$0.25	\$0.00	
Debt Retirement	\$0.0070	\$0.0070	\$0.0000	2,000.0	\$14.00	\$14.00	\$0.00	
Subtotal Before Tax					\$231.32	\$230.25	-\$1.07	
HST					\$30.07	\$29.93	-\$0.14	
OCEB							\$0.00	
Total Bill					\$261.39	\$260.19	-\$1.21	-0.5%

MPDC - Main
Bill Impact Analysis

Description	Sentinel Lights							
	Rates			Volume	Monthly Bill Impacts			
	Final 2011	Proposed 2012	\$ Increase (Decrease)		Final 2011	Proposed 2012	\$ Increase (Decrease)	% Increase (Decrease)
Estimated kWh				180.0				
Estimated kW				0.5				
First Tier	\$0.068	\$0.07	\$0.00	190.9	\$12.98	\$12.98	\$0.00	
Second Tier	\$0.079	\$0.08	\$0.00	-	\$0.00	\$0.00	\$0.00	
Total Energy Cost					\$12.98	\$12.98		
Service Charge	\$0.18	\$0.18	\$0.00	1.0	\$0.18	\$0.18	\$0.00	
Smart Meter Funding Adder	\$0.00	\$0.00	\$0.00	1.0	\$0.00	\$0.00	\$0.00	
Smart Meter Disposition Rider 2	\$0.00	\$0.00	\$0.00	1.0	\$0.00	\$0.00	\$0.00	
Smart Meter Disposition Rider 3	\$0.00	\$0.00	\$0.00	1.0	\$0.00	\$0.00	\$0.00	
Rate Rider for Recovery of Late Payment penalty Litigation Costs	\$0.01	\$0.00	-\$0.01	1.0	\$0.01	\$0.00	-\$0.01	
Total Fixed Distribution					\$0.19	\$0.18	-\$0.01	
Distribution Volumetric Rate	\$0.9878	\$0.9916	\$0.0038	0.5	\$0.49	\$0.50	\$0.00	
Low Voltage Service Rate	\$0.0815	\$0.0815	\$0.0000	0.5	\$0.04	\$0.04	\$0.00	
Rate Rider for Tax Savings	\$0.0000	-\$0.0133	-\$0.0133	0.5	\$0.00	-\$0.01	-\$0.01	
LRAM Rate Rider	\$0.0000	\$0.0000	\$0.0000	0.5	\$0.00	\$0.00	\$0.00	
Rate Rider for Deferral/Variance Account Disposition (2012)	\$0.0000	-\$0.1602	-\$0.1602	0.5	\$0.00	-\$0.08	-\$0.08	
Total Volumetric					\$0.53	\$0.45	-\$0.08	
Retail Transmission Rate - Network Service Rate	\$1.7790	\$1.8166	\$0.0376	0.5	\$0.89	\$0.91	\$0.02	
Retail Transmission Rate - Line and Transformation Connection	\$1.4392	\$1.4253	-\$0.0139	0.5	\$0.72	\$0.71	-\$0.01	
Total Transmission					\$1.61	\$1.62	\$0.01	
Wholesale Market Service Rate	\$0.0052	\$0.0052	\$0.0000	191.9	\$1.00	\$1.00	\$0.00	
Rural Rate Protection Charge	\$0.0013	\$0.0013	\$0.0000	191.9	\$0.25	\$0.25	\$0.00	
Admin Charge	\$0.2500	\$0.2500	\$0.0000	1.0	\$0.25	\$0.25	\$0.00	
Debt Retirement	\$0.0070	\$0.0070	\$0.0000	180.0	\$1.26	\$1.26	\$0.00	
Subtotal Before Tax					\$18.08	\$17.99	-\$0.08	
HST					\$2.35	\$2.34	-\$0.01	
OCEB							\$0.00	
Total Bill					\$20.43	\$20.33	-\$0.09	-0.5%

MPDC - Main
Bill Impact Analysis

Description	Street Lights							
	Rates			Volume	Monthly Bill Impacts			
	Final 2011	Proposed 2012	\$ Increase (Decrease)		Final 2011	Proposed 2012	\$ Increase (Decrease)	% Increase (Decrease)
Estimated kWh				37.0				
Estimated kW				0.1				
First Tier	\$0.068	\$0.07	\$0.00	39.2	\$2.67	\$2.67	\$0.00	
Second Tier	\$0.079	\$0.08	\$0.00	-	\$0.00	\$0.00	\$0.00	
Total Energy Cost					\$2.67	\$2.67		
Service Charge	\$0.14	\$0.14	\$0.00	1.0	\$0.14	\$0.14	\$0.00	
Smart Meter Funding Adder	\$0.00	\$0.00	\$0.00	1.0	\$0.00	\$0.00	\$0.00	
Smart Meter Disposition Rider 2	\$0.00	\$0.00	\$0.00	1.0	\$0.00	\$0.00	\$0.00	
Smart Meter Disposition Rider 3	\$0.00	\$0.00	\$0.00	1.0	\$0.00	\$0.00	\$0.00	
Rate Rider for Recovery of Late Payment penalty Litigation Costs	\$0.00	\$0.00	\$0.00	1.0	\$0.00	\$0.00	\$0.00	
Total Fixed Distribution					\$0.14	\$0.14	\$0.00	
Distribution Volumetric Rate	\$0.5788	\$0.5810	\$0.0022	0.1	\$0.06	\$0.06	\$0.00	
Low Voltage Service Rate	\$0.0788	\$0.0788	\$0.0000	0.1	\$0.01	\$0.01	\$0.00	
Rate Rider for Tax Savings	\$0.0000	-\$0.0098	-\$0.0098	0.1	\$0.00	\$0.00	\$0.00	
LRAM Rate Rider	\$0.0000	\$0.0000	\$0.0000	0.1	\$0.00	\$0.00	\$0.00	
Rate Rider for Deferral/Variance Account Disposition (2012)	\$0.0000	-\$0.1502	-\$0.1502	0.1	\$0.00	-\$0.02	-\$0.02	
Total Volumetric					\$0.07	\$0.05	-\$0.02	
Retail Transmission Rate - Network Service Rate	\$1.7698	\$1.8072	\$0.0374	0.1	\$0.18	\$0.18	\$0.00	
Retail Transmission Rate - Line and Transformation Connection	\$1.4097	\$1.3961	-\$0.0136	0.1	\$0.14	\$0.14	\$0.00	
Total Transmission					\$0.32	\$0.32	\$0.00	
Wholesale Market Service Rate	\$0.0052	\$0.0052	\$0.0000	39.2	\$0.20	\$0.20	\$0.00	
Rural Rate Protection Charge	\$0.0013	\$0.0013	\$0.0000	39.2	\$0.05	\$0.05	\$0.00	
Admin Charge	\$0.2500	\$0.2500	\$0.0000	1.0	\$0.25	\$0.25	\$0.00	
Debt Retirement	\$0.0070	\$0.0070	\$0.0000	37.0	\$0.26	\$0.26	\$0.00	
Subtotal Before Tax					\$3.96	\$3.94	-\$0.01	
HST					\$0.51	\$0.51	\$0.00	
OCEB							\$0.00	
Total Bill					\$4.47	\$4.46	-\$0.02	-0.3%

Section 4

Shared Tax Savings Workform

**Ontario Energy Board**
2012 IRM 3 Tax Savings Workform

V1.2

Choose Your Utility:

Application EB-2011-0148
OEB Application IRM3
LDC Licence #: ED-2003-0059

Application Contact Information

Name: Andrya Eagen

Title: Senior Regulatory Specialist

Phone Number: 519-352-6300 Ext 243

Email Address: andryaeagen@ckenergy.com

We are applying for rates effective: May 1, 2012

Last COS Re-based Year 2011

Legend

DROP-DOWN MENU

INPUT FIELD

CALCULATION

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Enter your 2011 Base Monthly Fixed Charge and Distribution Volumetric Charge into columns labeled "Rate ReBal Base Service Charge" and "Rate ReBal Base Distribution Volumetric Rate kWh/kW" respectively.

Last COS Re-based Year was in 2011

Rate Group	Rate Class	Fixed Metric	Vol Metric	Re-based Billed Customers or Connections A	Re-based Billed kWh B	Re-based Billed kW C	Rate ReBal Base Service Charge D	Rate ReBal Base Distribution Volumetric Rate kWh E	Rate ReBal Base Distribution Volumetric Rate kW F
RES	Residential	Customer	kWh	6,299	58,904,267		13.76	0.0139	
GSLT50	General Service Less Than 50 kW	Customer	kWh	662	17,998,806		18.18	0.0048	
GSGT50	General Service 50 to 4,999 kW	Customer	kW	91	91,846,588	235,476	43.44		1.4397
LU	Large Use	Customer	kW	1	29,034,336	56,098	3,667.79		0.0540
USL	Unmetered Scattered Load	Connection	kWh	51	311,683		9.10	0.0052	
Sen	Sentinel Lighting	Connection	kW	46	42,724	119	0.18		0.9878
SL	Street Lighting	Connection	kW	1,958	1,458,103	4,316	0.14		0.5788
NA	Rate Class 8	NA	NA						
NA	Rate Class 9	NA	NA						
NA	Rate Class 10	NA	NA						
NA	Rate Class 11	NA	NA						
NA	Rate Class 12	NA	NA						
NA	Rate Class 13	NA	NA						
NA	Rate Class 14	NA	NA						
NA	Rate Class 15	NA	NA						
NA	Rate Class 16	NA	NA						
NA	Rate Class 17	NA	NA						
NA	Rate Class 18	NA	NA						
NA	Rate Class 19	NA	NA						
NA	Rate Class 20	NA	NA						
NA	Rate Class 21	NA	NA						
NA	Rate Class 22	NA	NA						
NA	Rate Class 23	NA	NA						
NA	Rate Class 24	NA	NA						
NA	Rate Class 25	NA	NA						



Ontario Energy Board

**2012 IRM 3 Tax
Savings Workform**

Middlesex Power Distribution Corporation

Calculating Re-Based Revenue from Rates. No input required.

Last COS Re-based Year was in 2011

Rate Class	Re-based Billed Customers or Connections A	Re-based Billed kWh B	Re-based Billed kW C	Rate ReBal Base Service Charge D	Rate ReBal Base Distribution Volumetric Rate kWh E	Rate ReBal Base Distribution Volumetric Rate kW F	Service Charge Revenue G = A * D *12	Distribution Volumetric Rate Revenue kWh H = B * E	Distribution Volumetric Rate Revenue kW I = C * F	Revenue Requirement from Rates J = G + H + I
Residential	6,299	58,904,267	0	13.76	0.0139	0.0000	1,040,091	818,769	0	1,858,860
General Service Less Than 50 kW	662	17,998,806	0	18.18	0.0048	0.0000	144,422	86,394	0	230,816
General Service 50 to 4,999 kW	91	91,846,588	235,476	43.44	0.0000	1.4397	47,436	0	339,015	386,451
Large Use	1	29,034,336	56,098	3,667.79	0.0000	0.0540	44,013	0	3,029	47,043
Unmetered Scattered Load	51	311,683	0	9.10	0.0052	0.0000	5,569	1,621	0	7,190
Sentinel Lighting	46	42,724	119	0.18	0.0000	0.9878	99	0	117	216
Street Lighting	1,958	1,458,103	4,316	0.14	0.0000	0.5788	3,289	0	2,498	5,788
							1,284,921	906,784	344,659	2,536,365



Ontario Energy Board
2012 IRM 3 Tax Savings Workform

Middlesex Power Distribution Corporation

This worksheet calculates the tax sharing amount.

Step 1: Press the Update Button (this will clear all input cells and reveal your latest cost of service re-basing year).

Summary - Sharing of Tax Change Forecast Amounts

For the 2011 year, enter any Tax Credits from the Cost of Service Tax Calculation (Positive #)

\$ -

1. Tax Related Amounts Forecast from Capital Tax Rate Changes

	2011	2012
Taxable Capital	\$ 7,364,747	\$ 7,364,747
Deduction from taxable capital up to \$15,000,000	\$ 10,000,000	\$ 10,000,000
Net Taxable Capital	-\$ 2,635,253	-\$ 2,635,253
Rate	0.000%	0.000%
Ontario Capital Tax (Deductible, not grossed-up)	\$ -	\$ -

2. Tax Related Amounts Forecast from Income Tax Rate Changes

	2011	2012
Regulatory Taxable Income	\$ 450,137	\$ 450,137
Corporate Tax Rate	21.00%	15.50%
Tax Impact	\$ 94,529	\$ 69,771
Grossed-up Tax Amount	\$ 119,657	\$ 82,570
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ -	\$ -
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ 119,657	\$ 82,570
Total Tax Related Amounts	\$ 119,657	\$ 82,570
Incremental Tax Savings		-\$ 37,087
Sharing of Tax Savings (50%)		-\$ 18,544



Ontario Energy Board

**2012 IRM 3 Tax
Savings Workform**

Middlesex Power Distribution Corporation

This worksheet calculates a tax change volumetric rate rider. No input required. The outputs in column Q and S are to be entered into Sheet 17 of the 2012 IRM Rate Generator Model.

Rate Class	Total Revenue \$ by Rate Class A	Total Revenue % by Rate Class B = A / \$H	Total Z-Factor Tax Change\$ by Rate Class C = \$I * B	Billed kWh D	Billed kW E	Distribution Volumetric Rate kWh Rate Rider F = C / D	Distribution Volumetric Rate kW Rate Rider G = C / E
Residential	\$1,858,860.1913	73.29%	-\$13,590	58,904,267	0	-\$0.0002	
General Service Less Than 50 kW	\$230,816	9.10%	-\$1,688	17,998,806	0	-\$0.0001	
General Service 50 to 4,999 kW	\$386,451	15.24%	-\$2,825	91,846,588	235,476		-\$0.0120
Large Use	\$47,043	1.85%	-\$344	29,034,336	56,098		-\$0.0061
Unmetered Scattered Load	\$7,190	0.28%	-\$53	311,683	0	-\$0.0002	
Sentinel Lighting	\$216	0.01%	-\$2	42,724	119		-\$0.0133
Street Lighting	\$5,788	0.23%	-\$42	1,458,103	4,316		-\$0.0098
	\$2,536,365 H	100.00%	-\$18,544 I				

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Section 5

2012 RTSR Adjustment Workform

		Ontario Energy Board		V2.1
		RTSR WORK FORM FOR ELECTRICITY DISTRIBUTORS		
Choose Your Utility:		Application Type: IRM3		Last COS OEB Application #: EB-2005-0351
<input type="text" value="Middlesex Power Distribution Corporation"/>		OEB Application #: EB-2011-0148		Last COS Re-Basing Year: 2006
<input type="text" value="Middlesex Power Distribution Corporation - Dutton"/>		LDC Licence #: ED-2003-0059		

Application Contact Information

Name:	<input type="text" value="Andrya Eagen"/>
Title:	<input type="text" value="Senior Regulatory Specialist"/>
Phone Number:	<input type="text" value="519-352-6300 x243"/>
Email Address:	<input type="text" value="andryaeagen@ckenergy.com"/>

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Ontario Energy Board
**RTSR WORK FORM
 FOR ELECTRICITY
 DISTRIBUTORS**




Middlesex Power Distribution Corporation - EB-2011-0148 - IRM3

1. Select the appropriate rate classes that appear on your most recent Board-Approved Tariff of Rates and Charges.
2. Enter the RTS Network and Connection Rate as it appears on the Tariff of Rates and Charges

Rate Class	Unit	RTSR - Network	RTSR - Connection
Residential	kWh	\$ 0.0064	\$ 0.0051
General Service Less Than 50 kW	kWh	\$ 0.0059	\$ 0.0045
General Service 50 to 4,999 kW	kW	\$ 2.3471	\$ 1.8235
General Service 50 to 4,999 kW – Interval Metered	kW	\$ 2.6057	\$ 2.0529
Large Use	kW	\$ 2.7603	\$ 2.2860
Unmetered Scattered Load	kWh	\$ 0.0059	\$ 0.0045
Sentinel Lighting	kW	\$ 1.7790	\$ 1.4392
Street Lighting	kW	\$ 1.7698	\$ 1.4097
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			
Choose Rate Class			



Ontario Energy Board

**RTSR WORK FORM
FOR ELECTRICITY
DISTRIBUTORS**




Middlesex Power Distribution Corporation - EB-2011-0148 - IRM3

In the green shaded cells, enter the most recent reported RRR billing determinants. Please ensure that billing determinants are non-loss adjusted.

Rate Class	Unit	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Load Factor	Loss Adjusted Billed kWh	Billed kW
Residential	kWh	58,904,267	-	1.0608		62,485,646	-
General Service Less Than 50 kW	kWh	17,998,806	-	1.0608		19,093,133	-
General Service 50 to 4,999 kW	kW	25,732,657	65,973		53.46%	25,732,657	65,973
General Service 50 to 4,999 kW – Interval Metered	kW	66,113,931	169,503		53.46%	66,113,931	169,503
Large Use	kW	29,034,336	56,098		70.94%	29,034,336	56,098
Unmetered Scattered Load	kWh	311,683		1.0608		330,633	-
Sentinel Lighting	kW	42,724	119		49.40%	42,724	119
Street Lighting	kW	1,458,103	4,316		46.30%	1,458,103	4,316



Uniform Transmission Rates		Unit	Effective January 1, 2010	Effective January 1, 2011	Effective January 1, 2012
Rate Description			Rate	Rate	Rate
Network Service Rate		kW	\$ 2.97	\$ 3.22	\$ 3.22
Line Connection Service Rate		kW	\$ 0.73	\$ 0.79	\$ 0.79
Transformation Connection Service Rate		kW	\$ 1.71	\$ 1.77	\$ 1.77

Hydro One Sub-Transmission Rates		Unit	Effective January 1, 2010	Effective January 1, 2011	Effective January 1, 2012
Rate Description			Rate	Rate	Rate
Network Service Rate		kW	\$ 2.65	\$ 2.65	\$ 2.65
Line Connection Service Rate		kW	\$ 0.64	\$ 0.64	\$ 0.64
Transformation Connection Service Rate		kW	\$ 1.50	\$ 1.50	\$ 1.50
Both Line and Transformation Connection Service Rate		kW	\$ 2.14	\$ 2.14	\$ 2.14

Hydro One Sub-Transmission Rate Rider 6A		Unit	Effective January 1, 2010	Effective January 1, 2011	Effective January 1, 2012
Rate Description			Rate	Rate	Rate
RSVA Transmission network - 4714 - which affects 1584		kW	\$ 0.0470	\$ 0.0470	\$ 0.0470
RSVA Transmission connection - 4716 - which affects 1586		kW	-\$ 0.0250	-\$ 0.0250	-\$ 0.0250
RSVA LV - 4750 - which affects 1550		kW	\$ 0.0580	\$ 0.0580	\$ 0.0580
RARA 1 - 2252 - which affects 1590		kW	-\$ 0.0750	-\$ 0.0750	-\$ 0.0750
Hydro One Sub-Transmission Rate Rider 6A		kW	<u>\$ 0.0050</u>	<u>\$ 0.0050</u>	<u>\$ 0.0050</u>



In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Sheet "4. RRR Data".
For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformer connection rate, please ensure that both the line connection and transformer connection columns are completed.

IESO				Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount			
January	15,376	\$2.97	\$ 45,667	16,119	\$0.73	\$ 11,767	16,119	\$1.71	\$ 27,563	\$		\$	39,330
February	15,719	\$2.97	\$ 46,685	15,895	\$0.73	\$ 11,603	15,895	\$1.71	\$ 27,180	\$		\$	38,784
March	15,205	\$2.97	\$ 45,159	17,606	\$0.73	\$ 12,852	17,606	\$1.71	\$ 30,106	\$		\$	42,959
April	14,563	\$2.97	\$ 43,252	14,718	\$0.73	\$ 10,744	14,718	\$1.71	\$ 25,168	\$		\$	35,912
May	19,607	\$2.97	\$ 58,233	19,607	\$0.73	\$ 14,313	19,607	\$1.71	\$ 33,528	\$		\$	47,841
June	21,262	\$2.97	\$ 63,148	22,321	\$0.73	\$ 16,294	22,321	\$1.71	\$ 38,169	\$		\$	54,463
July	20,949	\$2.97	\$ 62,219	23,414	\$0.73	\$ 17,092	23,414	\$1.71	\$ 40,038	\$		\$	57,130
August	24,018	\$2.97	\$ 71,333	24,018	\$0.73	\$ 17,533	24,018	\$1.71	\$ 41,071	\$		\$	58,604
September	22,663	\$2.97	\$ 67,309	23,209	\$0.73	\$ 16,943	23,209	\$1.71	\$ 39,687	\$		\$	56,630
October	17,892	\$2.97	\$ 53,139	18,147	\$0.73	\$ 13,247	18,147	\$1.71	\$ 31,031	\$		\$	44,279
November	17,604	\$2.97	\$ 52,284	18,677	\$0.73	\$ 13,634	18,677	\$1.71	\$ 31,938	\$		\$	45,572
December	16,357	\$2.97	\$ 48,580	18,951	\$0.73	\$ 13,834	18,951	\$1.71	\$ 32,406	\$		\$	46,240
Total	221,215	\$ 2.97	\$ 657,009	232,682	\$ 0.73	\$ 169,858	232,682	\$ 1.71	\$ 397,886	\$		\$	567,744

HYDRO ONE				Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount			
January	14,093	\$2.24	\$ 31,569	7,398	\$0.60	\$ 4,439	14,093	\$1.39	\$ 19,590	\$		\$	24,029
February	13,493	\$2.24	\$ 30,225	7,172	\$0.60	\$ 4,303	13,493	\$1.39	\$ 18,755	\$		\$	23,059
March	12,421	\$2.24	\$ 27,823	6,969	\$0.60	\$ 4,181	12,524	\$1.39	\$ 17,408	\$		\$	21,590
April	12,160	\$2.32	\$ 28,236	7,123	\$0.61	\$ 4,331	12,160	\$1.41	\$ 17,170	\$		\$	21,501
May	15,837	\$2.65	\$ 41,967	8,306	\$0.64	\$ 5,316	15,837	\$1.50	\$ 23,755	\$		\$	29,071
June	19,400	\$2.65	\$ 51,411	12,415	\$0.64	\$ 7,946	21,585	\$1.50	\$ 32,378	\$		\$	40,323
July	20,518	\$2.65	\$ 54,373	11,347	\$0.64	\$ 7,262	20,518	\$1.50	\$ 30,777	\$		\$	38,039
August	20,362	\$2.65	\$ 53,960	11,541	\$0.64	\$ 7,386	20,362	\$1.50	\$ 30,543	\$		\$	37,930
September	14,420	\$2.65	\$ 38,212	8,075	\$0.64	\$ 5,168	14,420	\$1.50	\$ 21,629	\$		\$	26,797
October	28,902	\$2.65	\$ 76,590	13,829	\$0.64	\$ 8,851	28,902	\$1.50	\$ 43,353	\$		\$	52,204
November	16,327	\$2.65	\$ 43,266	9,249	\$0.64	\$ 5,919	16,327	\$1.50	\$ 24,490	\$		\$	30,410
December	30,198	\$2.65	\$ 80,026	14,973	\$0.64	\$ 9,583	30,204	\$1.50	\$ 45,307	\$		\$	54,889
Total	218,132	\$ 2.56	\$ 557,658	118,397	\$ 0.63	\$ 74,685	220,426	\$ 1.48	\$ 325,157	\$		\$	399,841

TOTAL				Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount			
January	29,469	\$2.62	\$ 77,236	23,517	\$0.69	\$ 16,206	30,212	\$1.56	\$ 47,153	\$		\$	63,359
February	29,212	\$2.63	\$ 76,910	23,067	\$0.69	\$ 15,907	29,388	\$1.56	\$ 45,936	\$		\$	61,842
March	27,626	\$2.64	\$ 72,982	24,575	\$0.69	\$ 17,034	30,130	\$1.58	\$ 47,515	\$		\$	64,549
April	26,723	\$2.68	\$ 71,488	21,841	\$0.69	\$ 15,075	26,878	\$1.58	\$ 42,338	\$		\$	57,413
May	35,444	\$2.83	\$ 100,200	27,913	\$0.70	\$ 19,629	35,444	\$1.62	\$ 57,283	\$		\$	76,912
June	40,662	\$2.82	\$ 114,559	34,736	\$0.70	\$ 24,240	43,906	\$1.61	\$ 70,547	\$		\$	94,787
July	41,467	\$2.81	\$ 116,591	34,761	\$0.70	\$ 24,354	43,932	\$1.61	\$ 70,815	\$		\$	95,169
August	44,380	\$2.82	\$ 125,293	35,559	\$0.70	\$ 24,919	44,380	\$1.61	\$ 71,614	\$		\$	96,533
September	37,083	\$2.85	\$ 105,521	31,284	\$0.71	\$ 22,111	37,629	\$1.63	\$ 61,317	\$		\$	83,427
October	46,794	\$2.77	\$ 129,729	31,976	\$0.69	\$ 22,098	47,049	\$1.58	\$ 74,384	\$		\$	96,482
November	33,931	\$2.82	\$ 95,550	27,926	\$0.70	\$ 19,554	35,004	\$1.61	\$ 56,428	\$		\$	75,982
December	46,555	\$2.76	\$ 128,606	33,924	\$0.69	\$ 23,417	49,155	\$1.58	\$ 77,713	\$		\$	101,130
Total	439,347	\$ 2.76	\$ 1,214,666	351,079	\$ 0.70	\$ 244,542	453,108	\$ 1.60	\$ 723,043	\$		\$	967,585



The purpose of this sheet is to calculate the expected billing when current 2011 Uniform Transmission Rates are applied against historical 2010 transmission units.

IESO	Network				Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount	
January	15,376	\$ 3.2200	\$ 49,511	16,119	\$ 0.7900	\$ 12,734	16,119	\$ 1.7700	\$ 28,531	\$ 41,265	
February	15,719	\$ 3.2200	\$ 50,615	15,895	\$ 0.7900	\$ 12,557	15,895	\$ 1.7700	\$ 28,134	\$ 40,691	
March	15,205	\$ 3.2200	\$ 48,960	17,606	\$ 0.7900	\$ 13,909	17,606	\$ 1.7700	\$ 31,163	\$ 45,071	
April	14,563	\$ 3.2200	\$ 46,893	14,718	\$ 0.7900	\$ 11,627	14,718	\$ 1.7700	\$ 26,051	\$ 37,678	
May	19,607	\$ 3.2200	\$ 63,135	19,607	\$ 0.7900	\$ 15,490	19,607	\$ 1.7700	\$ 34,704	\$ 50,194	
June	21,262	\$ 3.2200	\$ 68,464	22,321	\$ 0.7900	\$ 17,634	22,321	\$ 1.7700	\$ 39,508	\$ 57,142	
July	20,949	\$ 3.2200	\$ 67,456	23,414	\$ 0.7900	\$ 18,497	23,414	\$ 1.7700	\$ 41,443	\$ 59,940	
August	24,018	\$ 3.2200	\$ 77,338	24,018	\$ 0.7900	\$ 18,974	24,018	\$ 1.7700	\$ 42,512	\$ 61,486	
September	22,663	\$ 3.2200	\$ 72,975	23,209	\$ 0.7900	\$ 18,335	23,209	\$ 1.7700	\$ 41,080	\$ 59,415	
October	17,892	\$ 3.2200	\$ 57,612	18,147	\$ 0.7900	\$ 14,336	18,147	\$ 1.7700	\$ 32,120	\$ 46,456	
November	17,604	\$ 3.2200	\$ 56,685	18,677	\$ 0.7900	\$ 14,755	18,677	\$ 1.7700	\$ 33,058	\$ 47,813	
December	16,357	\$ 3.2200	\$ 52,670	18,951	\$ 0.7900	\$ 14,971	18,951	\$ 1.7700	\$ 33,543	\$ 48,515	
Total	221,215	\$ 3.22	\$ 712,312	232,682	\$ 0.79	\$ 183,819	232,682	\$ 1.77	\$ 411,847	\$ 595,666	

HYDRO ONE	Network				Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount	
January	14,093	\$ 2.6970	\$ 38,010	7,398	\$ 0.6150	\$ 4,550	14,093	\$ 1.5000	\$ 21,140	\$ 25,690	
February	13,493	\$ 2.6970	\$ 36,391	7,172	\$ 0.6150	\$ 4,411	13,493	\$ 1.5000	\$ 20,240	\$ 24,650	
March	12,421	\$ 2.6970	\$ 33,500	6,969	\$ 0.6150	\$ 4,286	12,524	\$ 1.5000	\$ 18,786	\$ 23,072	
April	12,160	\$ 2.6970	\$ 32,796	7,123	\$ 0.6150	\$ 4,381	12,160	\$ 1.5000	\$ 18,240	\$ 22,621	
May	15,837	\$ 2.6970	\$ 42,712	8,306	\$ 0.6150	\$ 5,108	15,837	\$ 1.5000	\$ 23,755	\$ 28,863	
June	19,400	\$ 2.6970	\$ 52,322	12,415	\$ 0.6150	\$ 7,635	21,585	\$ 1.5000	\$ 32,378	\$ 40,013	
July	20,518	\$ 2.6970	\$ 55,337	11,347	\$ 0.6150	\$ 6,978	20,518	\$ 1.5000	\$ 30,777	\$ 37,755	
August	20,362	\$ 2.6970	\$ 54,917	11,541	\$ 0.6150	\$ 7,098	20,362	\$ 1.5000	\$ 30,543	\$ 37,641	
September	14,420	\$ 2.6970	\$ 38,889	8,075	\$ 0.6150	\$ 4,966	14,420	\$ 1.5000	\$ 21,629	\$ 26,595	
October	28,902	\$ 2.6970	\$ 77,949	13,829	\$ 0.6150	\$ 8,505	28,902	\$ 1.5000	\$ 43,353	\$ 51,858	
November	16,327	\$ 2.6970	\$ 44,034	9,249	\$ 0.6150	\$ 5,688	16,327	\$ 1.5000	\$ 24,490	\$ 30,179	
December	30,198	\$ 2.6970	\$ 81,445	14,973	\$ 0.6150	\$ 9,208	30,204	\$ 1.5000	\$ 45,307	\$ 54,515	
Total	218,132	\$ 2.70	\$ 588,302	118,397	\$ 0.62	\$ 72,814	220,426	\$ 1.50	\$ 330,639	\$ 403,453	

TOTAL	Network				Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount	
January	29,469	\$ 2.97	\$ 87,521	23,517	\$ 0.73	\$ 17,284	30,212	\$ 1.64	\$ 49,671	\$ 66,955	
February	29,212	\$ 2.98	\$ 87,006	23,067	\$ 0.74	\$ 16,968	29,388	\$ 1.65	\$ 48,374	\$ 65,342	
March	27,626	\$ 2.98	\$ 82,460	24,575	\$ 0.74	\$ 18,195	30,130	\$ 1.66	\$ 49,949	\$ 68,143	
April	26,723	\$ 2.98	\$ 79,689	21,841	\$ 0.73	\$ 16,008	26,878	\$ 1.65	\$ 44,291	\$ 60,299	
May	35,444	\$ 2.99	\$ 105,846	27,913	\$ 0.74	\$ 20,598	35,444	\$ 1.65	\$ 58,459	\$ 79,057	
June	40,662	\$ 2.97	\$ 120,786	34,736	\$ 0.73	\$ 25,269	43,906	\$ 1.64	\$ 71,886	\$ 97,155	
July	41,467	\$ 2.96	\$ 122,793	34,761	\$ 0.73	\$ 25,475	43,932	\$ 1.64	\$ 72,220	\$ 97,695	
August	44,380	\$ 2.98	\$ 132,255	35,559	\$ 0.73	\$ 26,072	44,380	\$ 1.65	\$ 73,055	\$ 99,127	
September	37,083	\$ 3.02	\$ 111,864	31,284	\$ 0.74	\$ 23,301	37,629	\$ 1.67	\$ 62,709	\$ 86,010	
October	46,794	\$ 2.90	\$ 135,561	31,976	\$ 0.71	\$ 22,841	47,049	\$ 1.60	\$ 75,473	\$ 98,314	
November	33,931	\$ 2.97	\$ 100,719	27,926	\$ 0.73	\$ 20,443	35,004	\$ 1.64	\$ 57,549	\$ 77,992	
December	46,555	\$ 2.88	\$ 134,114	33,924	\$ 0.71	\$ 24,180	49,155	\$ 1.60	\$ 78,850	\$ 103,029	
Total	439,347	\$ 2.96	\$ 1,300,614	351,079	\$ 0.73	\$ 256,633	453,108	\$ 1.64	\$ 742,486	\$ 999,119	



The purpose of this sheet is to calculate the expected billing when forecasted 2012 Uniform Transmission Rates are applied against historical 2010 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	15,376	\$ 3.2200	\$ 49,511	16,119	\$ 0.7900	\$ 12,734	16,119	\$ 1.7700	\$ 28,531	\$ 41,265
February	15,719	\$ 3.2200	\$ 50,615	15,895	\$ 0.7900	\$ 12,557	15,895	\$ 1.7700	\$ 28,134	\$ 40,691
March	15,205	\$ 3.2200	\$ 48,960	17,606	\$ 0.7900	\$ 13,909	17,606	\$ 1.7700	\$ 31,163	\$ 45,071
April	14,563	\$ 3.2200	\$ 46,893	14,718	\$ 0.7900	\$ 11,627	14,718	\$ 1.7700	\$ 26,051	\$ 37,678
May	19,607	\$ 3.2200	\$ 63,135	19,607	\$ 0.7900	\$ 15,490	19,607	\$ 1.7700	\$ 34,704	\$ 50,194
June	21,262	\$ 3.2200	\$ 68,464	22,321	\$ 0.7900	\$ 17,634	22,321	\$ 1.7700	\$ 39,508	\$ 57,142
July	20,949	\$ 3.2200	\$ 67,456	23,414	\$ 0.7900	\$ 18,497	23,414	\$ 1.7700	\$ 41,443	\$ 59,940
August	24,018	\$ 3.2200	\$ 77,338	24,018	\$ 0.7900	\$ 18,974	24,018	\$ 1.7700	\$ 42,512	\$ 61,486
September	22,663	\$ 3.2200	\$ 72,975	23,209	\$ 0.7900	\$ 18,335	23,209	\$ 1.7700	\$ 41,080	\$ 59,415
October	17,892	\$ 3.2200	\$ 57,612	18,147	\$ 0.7900	\$ 14,336	18,147	\$ 1.7700	\$ 32,120	\$ 46,456
November	17,604	\$ 3.2200	\$ 56,685	18,677	\$ 0.7900	\$ 14,755	18,677	\$ 1.7700	\$ 33,058	\$ 47,813
December	16,357	\$ 3.2200	\$ 52,670	18,951	\$ 0.7900	\$ 14,971	18,951	\$ 1.7700	\$ 33,543	\$ 48,515
Total	221,215	\$ 3.22	\$ 712,312	232,682	\$ 0.79	\$ 183,819	232,682	\$ 1.77	\$ 411,847	\$ 595,666

HYDRO ONE	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	14,093	\$ 2.6970	\$ 38,010	7,398	\$ 0.6150	\$ 4,550	14,093	\$ 1.5000	\$ 21,140	\$ 25,690
February	13,493	\$ 2.6970	\$ 36,391	7,172	\$ 0.6150	\$ 4,411	13,493	\$ 1.5000	\$ 20,240	\$ 24,650
March	12,421	\$ 2.6970	\$ 33,500	6,969	\$ 0.6150	\$ 4,286	12,524	\$ 1.5000	\$ 18,786	\$ 23,072
April	12,160	\$ 2.6970	\$ 32,796	7,123	\$ 0.6150	\$ 4,381	12,160	\$ 1.5000	\$ 18,240	\$ 22,621
May	15,837	\$ 2.6970	\$ 42,712	8,306	\$ 0.6150	\$ 5,108	15,837	\$ 1.5000	\$ 23,755	\$ 28,863
June	19,400	\$ 2.6970	\$ 52,322	12,415	\$ 0.6150	\$ 7,635	21,585	\$ 1.5000	\$ 32,378	\$ 40,013
July	20,518	\$ 2.6970	\$ 55,337	11,347	\$ 0.6150	\$ 6,978	20,518	\$ 1.5000	\$ 30,777	\$ 37,755
August	20,362	\$ 2.6970	\$ 54,917	11,541	\$ 0.6150	\$ 7,098	20,362	\$ 1.5000	\$ 30,543	\$ 37,641
September	14,420	\$ 2.6970	\$ 38,889	8,075	\$ 0.6150	\$ 4,966	14,420	\$ 1.5000	\$ 21,629	\$ 26,595
October	28,902	\$ 2.6970	\$ 77,949	13,829	\$ 0.6150	\$ 8,505	28,902	\$ 1.5000	\$ 43,353	\$ 51,858
November	16,327	\$ 2.6970	\$ 44,034	9,249	\$ 0.6150	\$ 5,688	16,327	\$ 1.5000	\$ 24,490	\$ 30,179
December	30,198	\$ 2.6970	\$ 81,445	14,973	\$ 0.6150	\$ 9,208	30,204	\$ 1.5000	\$ 45,307	\$ 54,515
Total	218,132	\$ 2.70	\$ 588,302	118,397	\$ 0.62	\$ 72,814	220,426	\$ 1.50	\$ 330,639	\$ 403,453

TOTAL	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	29,469	\$ 2.97	\$ 87,521	23,517	\$ 0.73	\$ 17,284	30,212	\$ 1.64	\$ 49,671	\$ 66,955
February	29,212	\$ 2.98	\$ 87,006	23,067	\$ 0.74	\$ 16,968	29,388	\$ 1.65	\$ 48,374	\$ 65,342
March	27,626	\$ 2.98	\$ 82,460	24,575	\$ 0.74	\$ 18,195	30,130	\$ 1.66	\$ 49,949	\$ 68,143
April	26,723	\$ 2.98	\$ 79,689	21,841	\$ 0.73	\$ 16,008	26,878	\$ 1.65	\$ 44,291	\$ 60,299
May	35,444	\$ 2.99	\$ 105,846	27,913	\$ 0.74	\$ 20,598	35,444	\$ 1.65	\$ 58,459	\$ 79,057
June	40,662	\$ 2.97	\$ 120,786	34,736	\$ 0.73	\$ 25,269	43,906	\$ 1.64	\$ 71,886	\$ 97,155
July	41,467	\$ 2.96	\$ 122,793	34,761	\$ 0.73	\$ 25,475	43,932	\$ 1.64	\$ 72,220	\$ 97,695
August	44,380	\$ 2.98	\$ 132,255	35,559	\$ 0.73	\$ 26,072	44,380	\$ 1.65	\$ 73,055	\$ 99,127
September	37,083	\$ 3.02	\$ 111,864	31,284	\$ 0.74	\$ 23,301	37,629	\$ 1.67	\$ 62,709	\$ 86,010
October	46,794	\$ 2.90	\$ 135,561	31,976	\$ 0.71	\$ 22,841	47,049	\$ 1.60	\$ 75,473	\$ 98,314
November	33,931	\$ 2.97	\$ 100,719	27,926	\$ 0.73	\$ 20,443	35,004	\$ 1.64	\$ 57,549	\$ 77,992
December	46,555	\$ 2.88	\$ 134,114	33,924	\$ 0.71	\$ 24,180	49,155	\$ 1.60	\$ 78,850	\$ 103,029
Total	439,347	\$ 2.96	\$ 1,300,614	351,079	\$ 0.73	\$ 256,633	453,108	\$ 1.64	\$ 742,486	\$ 999,119



Ontario Energy Board

**RTSR WORK FORM
 FOR ELECTRICITY
 DISTRIBUTORS**

Middlesex Power Distribution Corporation - EB-2011-0148 - IRM3

The purpose of this sheet is to re-align the current RTS Network Rates to recover current wholesale network costs.

Rate Class	Unit	Current RTSR - Network	Loss Adjusted Billed kWh	Loss Adjusted Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential	kWh	\$ 0.0064	62,485,646	-	\$ 399,908	31.4%	\$ 408,351	\$ 0.0065
General Service Less Than 50 kW	kWh	\$ 0.0059	19,093,133	-	\$ 112,649	8.8%	\$ 115,028	\$ 0.0060
General Service 50 to 4,999 kW	kW	\$ 2.3471	25,732,657	65,973	\$ 154,846	12.2%	\$ 158,115	\$ 2.3966
General Service 50 to 4,999 kW – Interval Metered	kW	\$ 2.6057	66,113,931	169,503	\$ 441,673	34.7%	\$ 450,998	\$ 2.6607
Large Use	kW	\$ 2.7603	29,034,336	56,098	\$ 154,847	12.2%	\$ 158,116	\$ 2.8186
Unmetered Scattered Load	kWh	\$ 0.0059	330,633	-	\$ 1,951	0.2%	\$ 1,992	\$ 0.0060
Sentinel Lighting	kW	\$ 1.7790	42,724	119	\$ 211	0.0%	\$ 215	\$ 1.8166
Street Lighting	kW	\$ 1.7698	1,458,103	4,316	\$ 7,638	0.6%	\$ 7,800	\$ 1.8072
					\$ 1,273,724			



The purpose of this sheet is to re-align the current RTS Connection Rates to recover current wholesale connection costs.

Rate Class	Unit	Current RTSR - Connection	Loss Adjusted Billed kWh	Loss Adjusted Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Connection
Residential	kWh	\$ 0.0051	62,485,646	-	\$ 318,677	31.6%	\$ 315,602	\$ 0.0051
General Service Less Than 50 kW	kWh	\$ 0.0045	19,093,133	-	\$ 85,919	8.5%	\$ 85,090	\$ 0.0045
General Service 50 to 4,999 kW	kW	\$ 1.8235	25,732,657	65,973	\$ 120,302	11.9%	\$ 119,142	\$ 1.8059
General Service 50 to 4,999 kW – Interval Metered	kW	\$ 2.0529	66,113,931	169,503	\$ 347,972	34.5%	\$ 344,615	\$ 2.0331
Large Use	kW	\$ 2.2860	29,034,336	56,098	\$ 128,240	12.7%	\$ 127,003	\$ 2.2639
Unmetered Scattered Load	kWh	\$ 0.0045	330,633	-	\$ 1,488	0.1%	\$ 1,473	\$ 0.0045
Sentinel Lighting	kW	\$ 1.4392	42,724	119	\$ 171	0.0%	\$ 169	\$ 1.4253
Street Lighting	kW	\$ 1.4097	1,458,103	4,316	\$ 6,084	0.6%	\$ 6,026	\$ 1.3961
					\$ 1,008,853			



The purpose of this sheet is to update the re-align RTS Network Rates to recover forecast wholesale network costs.

Rate Class	Unit	Adjusted RTSR - Network	Loss Adjusted Billed kWh	Loss Adjusted Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR Network
Residential	kWh	\$ 0.0065	62,485,646	-	\$ 408,351	31.4%	\$ 408,351	\$ 0.0065
General Service Less Than 50 kW	kWh	\$ 0.0060	19,093,133	-	\$ 115,028	8.8%	\$ 115,028	\$ 0.0060
General Service 50 to 4,999 kW	kW	\$ 2.3966	25,732,657	65,973	\$ 158,115	12.2%	\$ 158,115	\$ 2.3966
General Service 50 to 4,999 kW – Interval Metered	kW	\$ 2.6607	66,113,931	169,503	\$ 450,998	34.7%	\$ 450,998	\$ 2.6607
Large Use	kW	\$ 2.8186	29,034,336	56,098	\$ 158,116	12.2%	\$ 158,116	\$ 2.8186
Unmetered Scattered Load	kWh	\$ 0.0060	330,633	-	\$ 1,992	0.2%	\$ 1,992	\$ 0.0060
Sentinel Lighting	kW	\$ 1.8166	42,724	119	\$ 215	0.0%	\$ 215	\$ 1.8166
Street Lighting	kW	\$ 1.8072	1,458,103	4,316	\$ 7,800	0.6%	\$ 7,800	\$ 1.8072
					\$ 1,300,614			



The purpose of this sheet is to update the re-aligned RTS Connection Rates to recover forecast wholesale connection costs.

Rate Class	Unit	Adjusted RTSR - Connection	Loss Adjusted Billed kWh	Loss Adjusted Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR Connection
Residential	kWh	\$ 0.0051	62,485,646	-	\$ 315,602	31.6%	\$ 315,602	\$ 0.0051
General Service Less Than 50 kW	kWh	\$ 0.0045	19,093,133	-	\$ 85,090	8.5%	\$ 85,090	\$ 0.0045
General Service 50 to 4,999 kW	kW	\$ 1.8059	25,732,657	65,973	\$ 119,142	11.9%	\$ 119,142	\$ 1.8059
General Service 50 to 4,999 kW – Interval Metered	kW	\$ 2.0331	66,113,931	169,503	\$ 344,615	34.5%	\$ 344,615	\$ 2.0331
Large Use	kW	\$ 2.2639	29,034,336	56,098	\$ 127,003	12.7%	\$ 127,003	\$ 2.2639
Unmetered Scattered Load	kWh	\$ 0.0045	330,633	-	\$ 1,473	0.1%	\$ 1,473	\$ 0.0045
Sentinel Lighting	kW	\$ 1.4253	42,724	119	\$ 169	0.0%	\$ 169	\$ 1.4253
Street Lighting	kW	\$ 1.3961	1,458,103	4,316	\$ 6,026	0.6%	\$ 6,026	\$ 1.3961
					\$ 999,119			



Ontario Energy Board

**RTSR WORK FORM
FOR ELECTRICITY
DISTRIBUTORS**




Middlesex Power Distribution Corporation - EB-2011-0148 - IRM3

For Cost of Service Applicants, please enter the following Proposed RTS rates into your rates model.

For IRM applicants, please enter these rates into the 2012 Rate Generator.

Rate Class	Unit	Proposed RTSR Network		Proposed RTSR Connection	
Residential	kWh	\$	0.0065	\$	0.0051
General Service Less Than 50 kW	kWh	\$	0.0060	\$	0.0045
General Service 50 to 4,999 kW	kW	\$	2.3966	\$	1.8059
General Service 50 to 4,999 kW – Interval Metered	kW	\$	2.6607	\$	2.0331
Large Use	kW	\$	2.8186	\$	2.2639
Unmetered Scattered Load	kWh	\$	0.0060	\$	0.0045
Sentinel Lighting	kW	\$	1.8166	\$	1.4253
Street Lighting	kW	\$	1.8072	\$	1.3961

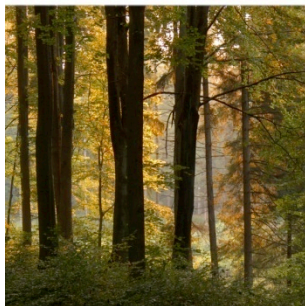
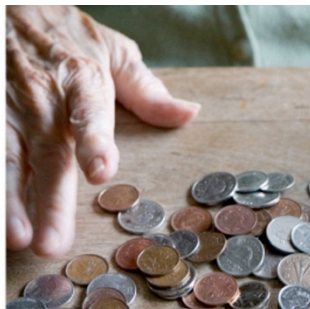
Section 6
LRAM / SSM Rate Rider

**Middlesex Power Distribution Corp.
LRAM Claim for 2010**

Rate Class	Unit	2010 Billing Determinants		Total Amount	Rate/kWh	Rate/kW
		kWh	kW			
Residential	kWh	58,904,267	-	\$21,569	\$0.0004	
General Service Less Than 50 kW	kWh	17,998,806	-	\$8,262	\$0.0005	
General Service 50 to 999 kW	kW	91,846,588	235,476	\$119		\$0.0005
Large User		29,034,336	56,098			
Unmetered Scattered Load		311,683	-			
Sentinel Lighting		42,724	119			
Street Lighting		1,458,103	4,316			
TOTAL		199,596,507	296,009	\$29,950		



Middlesex Power Distribution Corp. LRAM



Third party review:

Middlesex Power Distribution Corp. LRAM
claims



This document was prepared for Middlesex Power Distribution Corp. by IndEco Strategic Consulting Inc.

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IndEco report B1703

12 October 2011

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Executive summary

A third party review of the Conservation and Demand Management (CDM) programs run by Middlesex Power Distribution Corp. (MPDC) was required as part of its application to the Ontario Energy Board (OEB) for collection of Lost Revenue Adjustment Mechanism (LRAM) claims.

IndEco Strategic Consulting Inc. (IndEco) acted as third party reviewer by examining the participant rates, equipment specifications, and calculations that enter into the energy savings associated with MPDC's CDM portfolio. The review was completed as detailed in the OEB *Guidelines for Electricity Distributor Conservation and Demand Management*.

The third party review included MPDC's CDM activities in 2006, 2007, 2008, 2009 and 2010 supported through Ontario Power Authority (OPA) funding for the period between January 1 2011 and April 30 2012 for 2006-2009 programs and between January 1 2010 and April 30 2012 for 2010 programs. For all 2006-2009 programs, the period between January 1 of the program launch year and December 31 2010 was covered in a previous LRAM claim.¹

Lost revenues are calculated using estimated energy savings or monthly peak demand savings using the best available and most current input assumptions. Energy savings are those from the results of OPA's program evaluations. In the span of the LRAM claim, these savings totalled approximately 2 GWh in the residential rate class and 2 GWh in the GS < 50 kW rate class. Savings in the GS 50 to 4,999 kW rate class totalled approximately 79 kW-months.

IndEco concludes that MPDC's electricity rates should be adjusted to reflect an LRAM claim of \$29,950.

¹ See OEB case number EB-2010-0098.

Introduction

What is the lost revenue adjustment mechanism (LRAM)

Lost Revenue Adjustment Mechanism claims can benefit a local distribution company (LDC) by removing the disincentive for energy conservation.

LRAM is designed to ensure that the LDC does not have a disincentive to promote energy efficiency and energy conservation by compensating the LDC for revenues lost as a result of its conservation initiatives. The calculation of energy savings requires information on what the electricity use would have been in the absence of the LDC initiatives, and what it was with the LDC initiative. Some of the inputs to the calculation include: hours the equipment is used, wattage rating of the old and new equipment, and lifetime of the equipment if it is less than the period over which the LRAM is being claimed. Also required are the number of participants, or pieces of equipment installed, and an estimate of the free-rider rate, which is the fraction of the savings that would have occurred anyway, in the absence of the program. These savings are estimated for each rate class, and revenue losses are determined by multiplying those losses by the cost of distribution per unit for each rate class. Carrying charges are calculated using deferral and variance account interest rates prescribed by the OEB.²

Sources of information

Although these input data requirements are sometimes measured, they sometimes are values from published sources, or assumptions provided by the Ontario Energy Board, or other reputable agencies. For some types of programs, such as large scale distribution of compact fluorescent bulbs, it would be impractical to measure the hours each bulb is used, for example, and therefore these published sources provide an average value that is typical for this equipment type.

In some cases, estimated values for a particular component of the calculation are available from multiple sources. In these cases, information is taken from the sources highest in the information hierarchy. The information hierarchy (from greatest to least confidence) for LRAM calculations is:

- 1 Information or results from an OPA conducted or sponsored evaluation of the specific program (e.g. OPA 2010 and OPA 2011c)
- 2 Information or results from a third-party evaluation of the specific program

² For prescribed interest rates, see
<http://www.oeb.gov.on.ca/OEB/Industry/Rules+and+Requirements/Rules+Codes+Guidelines+and+Forms/Prescribed+Interest+Rates>

- 3 Information or results from a site-specific assessment of the application of the technology, including on-site measurement or survey of the specific customer
- 4 Manufacturer specifications for energy use/demand of the specific technology installed
- 5 Information from the OPA's most current measures and assumptions lists (OPA 2011a, OPA 2011b)
- 6 Information from earlier OPA measures and assumptions lists
- 7 Information from the OEB's TRC guide list of measures and assumptions (OEB 2008b).

In principal, we might have consulted values from the literature and adopted these if they could be shown to be more current, specific or otherwise suitable than the values from sources 4 through 7. However, this was not necessary in this case.

Within the span of the LRAM claim, MPDC's involvement in 2006-2010 OPA programs led to savings of approximately 2 GWh in the residential rate class, 2 GWh in the GS < 50 kW rate class and 79 kW-months in the GS 50 to 4,999 kW rate class.

Scope

This review examines the measures, energy savings, and equipment specifications for programs run under contract to the Ontario Power Authority (OPA) in 2006, 2007, 2008, 2009 and 2010 supported through Ontario Power Authority (OPA) funding for the period between January 1 2011 and April 30 2012 for 2006-2009 programs and between January 1 2010 and April 30 2012 for 2010 programs. For all 2006-2009 programs, the period between January 1 of the program launch year and December 31 2010 was covered in a previous LRAM claim.³

³ See OEB case number EB-2010-0098.

Requested LRAM amounts

LRAM inputs

IndEco finds that appropriate measure specifications were used to calculate program energy savings and lost revenues. For the calculation of LRAM claims, the '2006-2009 Final OPA CDM results Middlesex Power Distribution Corp. ' and the '2010 Final CDM Results Summary Middlesex Power Distribution Corp.' were used as a source of inputs for OPA funded CDM programs. These evaluated results have been adopted in accordance with Board recommendations that "The Board would consider an evaluation by the OPA or a third party designated by the OPA to be sufficient."⁴ OPA advises that these estimates are prepared in a manner consistent with OPA current practice, and are the same values used to report progress against provincial conservation targets.

A summary list of the assumption sources used for the calculation of the LRAM claim is provided in Table 1.

The measure inputs used to calculate LRAM claims can be found in Table 7 in Appendix A.

Table 2 and Table 3 show the net and gross energy savings or demand reductions of each program by rate class. OPA program energy savings in Table 2 and Table 3 were acquired directly from spreadsheets provided by the OPA.

Energy savings were converted to LRAM values by using MPDC distribution rates. Distribution rates are in Table 4.

The requested LRAM is presented in Table 5.

⁴ OEB 2008a. Guidelines for Electricity Distributor Conservation and Demand Management. p.28

Table 1 – Source of information used for the calculation of the LRAM claim

Funding source	Rate class	Program	Source of LRAM inputs
OPA	Residential	2006 Secondary Refrigerator Retirement Pilot	OPA 2010
OPA	Residential	2006 Cool & Hot Savings Rebate	OPA 2010
OPA	Residential	2006 Every Kilowatt Counts	OPA 2010
OPA	Residential	2007 Great Refrigerator Roundup	OPA 2010
OPA	Residential	2007 Cool & Hot Savings Rebate	OPA 2010
OPA	Residential	2007 Every Kilowatt Counts	OPA 2010
OPA	Residential	2007 Summer Savings	OPA 2010
OPA	Residential	2007 Social Housing Pilot	OPA 2010
OPA	Residential	2008 Great Refrigerator Roundup	OPA 2010
OPA	Residential	2008 Cool Savings Rebate	OPA 2010
OPA	Residential	2008 Every Kilowatt Counts Power Savings Event	OPA 2010
OPA	Residential	2008 Summer Sweepstakes	OPA 2010
OPA	GS < 50 kW and GS > 50 kW	2008 Electricity Retrofit Incentive Program (ERIP)	OPA 2010
OPA	GS < 50 kW	2008 High Performance New Construction	OPA 2010
OPA	Residential	2009 Great Refrigerator Roundup	OPA 2010
OPA	Residential	2009 Cool Savings Rebate	OPA 2010
OPA	Residential	2009 Every Kilowatt Counts Power Savings Event	OPA 2010
OPA	Residential	2009 peaksaver®	OPA 2010
OPA	GS < 50 kW	2009 High Performance New Construction	OPA 2010
OPA	GS < 50 kW	2009 Power Savings Blitz	OPA 2010
OPA	Residential	2010 Cool Savings Rebate	OPA 2011c
OPA	Residential	2010 Every Kilowatt Counts Power Savings Event	OPA 2011c
OPA	Residential	2010 Great Refrigerator Roundup	OPA 2011c
OPA	Residential	2010 peaksaver®	OPA 2011c
OPA	GS < 50 kW and GS > 50 kW	2010 Electricity Retrofit Incentive Program (ERIP)	OPA 2011c
OPA	GS < 50 kW	2010 High Performance New Construction	OPA 2011c
OPA	GS < 50 kW	2010 Multifamily Energy Efficiency Rebates	OPA 2011c
OPA	GS < 50 kW	2010 Power Savings Blitz	OPA 2011c

Table 2 – Cumulative net program energy savings and demand savings by rate class through April 30 2012

Funding source	Program	Year	Residential (kWh)	GS < 50 kW (kWh)	GS > 50 kW (kW-mo)
OPA	Cool & Hot Savings Rebate	2006	49,311		
		2007	71,390		
	Cool Savings Rebate	2008	77,186		
		2009	101,006		
		2010	153,416		
	Electricity Retrofit Incentive Program	2008		1,361	6
		2010		18,844	73
	Every Kilowatt Counts	2006	164,967		
		2007	423,516		
	Every Kilowatt Counts Power Savings Event	2008	381,685		
		2009	168,432		
		2010	71,255		
	Great Refrigerator Roundup	2007	90,982		
		2008	103,173		
		2009	207,107		
		2010	189,242		
	High Performance New Construction	2008		1,103	
		2009		32,891	
		2010		128,507	
	Multifamily Energy Efficiency Rebates	2010		45,335	
		2009	296		
		2010	304		
	Power Savings Blitz	2009		852,915	
		2010		994,175	
	Secondary Refrigerator Retirement Pilot	2006	17,122		
	Social Housing Pilot	2007	39,160		
	Summer Savings	2007	36,353		
	Summer Sweepstakes	2008	33,554		
Total			2,379,458	2,075,131	79

1. Rates for general service rate class of customers rated at greater than 50 kW are on a monthly demand basis (kW), not an energy one (kWh). Lost revenue results when the customer's monthly peak demand is lower than it otherwise would be as a result of the CDM initiatives. These are measured in kW-month, which is the reduction within one month of the peak kilowatt demand. (So a 2 kW-month reduction could be realized by reducing the peak demand in the month by 1 kW for two months, or by 2 kW for one month.) Excluded are peak demand reductions associated with demand response programs, which are not anticipated to impact on revenues.

Table 3 – Cumulative gross program energy savings and peak demand savings by rate class through April 30 2012

Funding source	Program	Year	Residential (kWh)	GS < 50 kW (kWh)	GS > 50 kW (kW-mo)
OPA	Cool & Hot Savings Rebate	2006	62,468		
		2007	138,075		
	Cool Savings Rebate	2008	134,368		
		2009	236,473		
		2010	358,226		
	Electricity Retrofit Incentive Program	2008		2,347	10
		2010		37,140	143
	Every Kilowatt Counts	2006	183,297		
		2007	573,485		
	Every Kilowatt Counts Power Savings Event	2008	945,058		
		2009	433,139		
		2010	154,075		
	Great Refrigerator Roundup	2007	224,765		
		2008	190,101		
		2009	389,949		
		2010	353,519		
	High Performance New Construction	2008		1,575	
		2009		46,988	
		2010		183,581	
	Multifamily Energy Efficiency Rebates	2010		61,544	
		2009	328		
		2010	335		
	Power Savings Blitz	2009		897,805	
		2010		996,483	
	Secondary Refrigerator Retirement Pilot	2006	19,024		
	Social Housing Pilot	2007	39,160		
	Summer Savings	2007	302,942		
	Summer Sweepstakes	2008	43,248		
Total			4,782,033	2,227,464	154

Table 4 – Distribution rates per rate class

Rate Class	Units	2010	2011
Residential	\$/kWh	0.0139	0.0139
GS < 50 kW	\$/kWh	0.0048	0.0048
GS 50 to 4,999 kW	\$/kW	1.4368	1.4397

Table 5 – Summary of requested LRAM amounts in 2012\$

Funding	Program	Year	Residential	GS < 50 kW	GS 50 - 4,999 kW	LRAM
OPA	Cool & Hot Savings Rebate	2006	\$396	\$0	\$0	\$396
		2007	\$571	\$0	\$0	\$571
	Cool Savings Rebate	2008	\$620	\$0	\$0	\$620
		2009	\$811	\$0	\$0	\$811
		2010	\$2,170	\$0	\$0	\$2,170
	Electricity Retrofit Incentive Program (ERIP)	2008	\$0	\$4	\$9	\$13
		2010	\$0	\$92	\$110	\$202
	Every Kilowatt Counts	2006	\$1,326	\$0	\$0	\$1,326
		2007	\$3,391	\$0	\$0	\$3,391
	Every Kilowatt Counts Power Savings Event	2008	\$3,017	\$0	\$0	\$3,017
		2009	\$1,354	\$0	\$0	\$1,354
		2010	\$1,008	\$0	\$0	\$1,008
	Great Refrigerator Roundup	2007	\$731	\$0	\$0	\$731
		2008	\$829	\$0	\$0	\$829
		2009	\$1,663	\$0	\$0	\$1,663
		2010	\$2,677	\$0	\$0	\$2,677
	High Performance New Construction	2008	\$0	\$3	\$0	\$3
		2009	\$0	\$91	\$0	\$91
		2010	\$0	\$628	\$0	\$628
	Multifamily Energy Efficiency Rebates peaksaver®	2010	\$0	\$221	\$0	\$221
		2009	\$2	\$0	\$0	\$2
		2010	\$4	\$0	\$0	\$4
	Power Savings Blitz	2009	\$0	\$2,367	\$0	\$2,367
		2010	\$0	\$4,856	\$0	\$4,856
	Secondary Refrigerator Retirement Pilot	2006	\$121	\$0	\$0	\$121
	Social Housing Pilot	2007	\$315	\$0	\$0	\$315
	Summer Savings	2007	\$292	\$0	\$0	\$292
	Summer Sweepstakes	2008	\$270	\$0	\$0	\$270
Total			\$21,569	\$8,262	\$119	\$29,950

Findings

IndEco has reviewed the input values associated with 2006, 2007, 2008, 2009, and 2010 OPA-funded programs.

IndEco has concluded that sufficient detail and documentation exists to recommend increasing Middlesex Power Distribution Corp.'s distribution rates in order to collect \$29,950 in LRAM, allocated by rate class as shown in Table 6.

Table 6 – LRAM amounts by rate class in 2012\$

Rate class	LRAM
Residential	\$21,569
General Service < 50 kW	\$8,262
General Service 50 to 2,999 kW	\$119
Total	\$29,950

References

- Ontario Energy Board. (OEB) 2007. Report of the Board on the Regulatory Framework for Conservation and Demand Management by Ontario Electricity Distributors in 2007 and Beyond. (March 2)
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- Ontario Power Authority. (OPA) 2011c. 2010 Final CDM Results Summary – Middlesex Power Distribution Corp. Received September 19, 2011.

Appendix A. Inputs used for TRC and energy savings calculations

Table 7 – LRAM inputs and contribution to the total LRAM for all measures.

Program	Energy Efficient Measure	Units	Measure life	LRAM Free Riders	Annual energy savings (kWh/a)	LRAM	Assumption Source
2006 Secondary Refrigerator Retirement Pilot	Refrigerator Retirement	8	6	10%	1,200	\$117	OPA 2010
2006 Secondary Refrigerator Retirement Pilot	Freezer Retirement	0	6	10%	900	\$4	OPA 2010
2006 Cool & Hot Savings Rebate	Energy Star® Central Air Conditioner - Cool Savings	22	14	10%	390	\$145	OPA 2010
2006 Cool & Hot Savings Rebate	Programmable Thermostat - Cool Savings	17	18	10%	177	\$50	OPA 2010
2006 Cool & Hot Savings Rebate	Central Air Conditioner Tune-ups - Cool Savings	15	8	10%	410	\$104	OPA 2010
2006 Cool & Hot Savings Rebate	Energy Star® Central Air Conditioner - Hot Savings	4	18	43%	155	\$7	OPA 2010
2006 Cool & Hot Savings Rebate	Efficient Furnace with ECM - Hot Savings	9	15	41%	837	\$88	OPA 2010
2006 Cool & Hot Savings Rebate	Programmable Thermostat - Hot Savings	9	15	73%	54	\$2	OPA 2010
2006 Every Kilowatt Counts	Electric Timers - Spring Campaign	57	20	10%	183	\$177	OPA 2010
2006 Every Kilowatt Counts	Programmable Thermostats - Spring Campaign	25	15	10%	216	\$91	OPA 2010
2006 Every Kilowatt Counts	Energy Star® Ceiling Fans - Spring Campaign	19	20	10%	141	\$45	OPA 2010
2006 Every Kilowatt Counts	Seasonal Light Emitting Diode Light String - Autumn Campaign	731	30	10%	31	\$379	OPA 2010

Program	Energy Efficient Measure	Units	Measure life	LRAM Free Riders	Annual energy savings (kWh/a)	LRAM	Assumption Source
2006 Every Kilowatt Counts	Programmable Thermostats - Autumn Campaign	48	18	10%	522	\$424	OPA 2010
2006 Every Kilowatt Counts	Dimmers - Autumn Campaign	38	10	10%	139	\$89	OPA 2010
2006 Every Kilowatt Counts	Indoor Motion Sensors - Autumn Campaign	14	20	10%	209	\$48	OPA 2010
2006 Every Kilowatt Counts	Programmable Basebaord Thermostats - Autumn Campaign	3	18	10%	1,466	\$71	OPA 2010
2007 Great Refrigerator Roundup	Bottom Freezer Fridge	1	9	27%	1,064	\$13	OPA 2010
2007 Great Refrigerator Roundup	Chest Freezer	26	8	54%	471	\$105	OPA 2010
2007 Great Refrigerator Roundup	Side by Side Fridge-Freezer	8	9	61%	900	\$50	OPA 2010
2007 Great Refrigerator Roundup	Single Door Fridge	21	9	61%	721	\$112	OPA 2010
2007 Great Refrigerator Roundup	Small Freezer (under 10 cubic feet)	1	8	70%	339	\$2	OPA 2010
2007 Great Refrigerator Roundup	Small Fridge (under 10 cubic feet)	2	9	70%	490	\$5	OPA 2010
2007 Great Refrigerator Roundup	Top Freezer Fridge	77	9	61%	732	\$412	OPA 2010
2007 Great Refrigerator Roundup	Upright Freezer	5	8	54%	743	\$32	OPA 2010
2007 Cool & Hot Savings Rebate	Energy Star® Central Air Conditioner - Hot Savings	4	18	43%	155	\$7	OPA 2010
2007 Cool & Hot Savings Rebate	Efficient Furnace with ECM - Hot Savings	9	15	41%	837	\$81	OPA 2010

Program	Energy Efficient Measure	Units	Measure life	LRAM Free Riders	Annual energy savings (kWh/a)	LRAM	Assumption Source
2007 Cool & Hot Savings Rebate	Programmable Thermostat - Hot Savings	8	15	73%	54	\$2	OPA 2010
2007 Cool & Hot Savings Rebate	Energy Star® Central Air Conditioner, Tier 2 - Cool Savings	32	18	43%	155	\$53	OPA 2010
2007 Cool & Hot Savings Rebate	Medium Efficiency Furnace with ECM - Cool Savings	43	15	41%	837	\$396	OPA 2010
2007 Cool & Hot Savings Rebate	Programmable Thermostat - Cool Savings	40	15	73%	54	\$11	OPA 2010
2007 Cool & Hot Savings Rebate	Central Air Conditioner Tune-ups - Cool Savings	40	5	84%	235	\$21	OPA 2010
2007 Every Kilowatt Counts	15 W CFL	3,351	8	22%	43	\$2,108	OPA 2010
2007 Every Kilowatt Counts	20+ W CFL	546	8	22%	62	\$495	OPA 2010
2007 Every Kilowatt Counts	Energy Star® Light Fixture	13	16	45%	123	\$16	OPA 2010
2007 Every Kilowatt Counts	T8 Fluorescent Tube	26	18	23%	37	\$14	OPA 2010
2007 Every Kilowatt Counts	Seasonal LED Light String	888	5	51%	14	\$84	OPA 2010
2007 Every Kilowatt Counts	Project Porchlight CFL	705	8	24%	43	\$432	OPA 2010
2007 Every Kilowatt Counts	Solar Light	430	5	87%	5	\$4	OPA 2010
2007 Every Kilowatt Counts	Energy Star® Ceiling Fan	27	10	45%	90	\$25	OPA 2010
2007 Every Kilowatt Counts	Power Bar with Timer	12	10	23%	72	\$12	OPA 2010
2007 Every Kilowatt Counts	Lighting Control Device	138	10	45%	72	\$103	OPA 2010
2007 Every Kilowatt Counts	Outdoor Motion Sensor	43	10	45%	160	\$71	OPA 2010
2007 Every Kilowatt Counts	Dimmer Switch	27	10	45%	24	\$7	OPA 2010
2007 Every Kilowatt Counts	Programmable Thermostat	26	15	45%	75	\$20	OPA 2010
2007 Summer Savings	Households, Combination of Change in Behaviour and "Pulled Forward"	128	8	88%	171	\$49	OPA 2010

Program	Energy Efficient Measure	Units	Measure life	LRAM Free Riders	Annual energy savings (kWh/a)	LRAM	Assumption Source
	Equipment - Compact Fluorescent Light Bulb Related						
2007 Summer Savings	Households, Change in Behaviour and Incremental Equipment (With Full Equipment Life) - Equipment Related	128	14	88%	643	\$186	OPA 2010
2007 Summer Savings	Households, Change in Behaviour and Incremental Equipment (With Full Equipment Life) - Compact Fluorescent Light Bulb Related	128	8	88%	199	\$57	OPA 2010
2007 Social Housing Pilot	Custom Retrofit Projects	14	10	0%	1,229	\$315	OPA 2010
2008 Great Refrigerator Roundup	Bottom Freezer Fridge	1	9	45%	775	\$6	OPA 2010
2008 Great Refrigerator Roundup	Chest Freezer	21	8	48%	740	\$149	OPA 2010
2008 Great Refrigerator Roundup	Side by Side Fridge-Freezer	7	9	45%	775	\$53	OPA 2010
2008 Great Refrigerator Roundup	Single Door Fridge	13	9	45%	775	\$103	OPA 2010
2008 Great Refrigerator Roundup	Small Freezer (under 10 cubic feet)	0	8	48%	740	\$2	OPA 2010
2008 Great Refrigerator Roundup	Small Fridge (under 10 cubic feet)	0	9	45%	775	\$3	OPA 2010
2008 Great Refrigerator Roundup	Top Freezer Fridge	60	9	45%	775	\$483	OPA 2010
2008 Great Refrigerator Roundup	Upright Freezer	4	8	48%	740	\$29	OPA 2010
2008 Great Refrigerator	Window Air Conditioner	1	5	64%	197	\$1	OPA 2010

Program	Energy Efficient Measure	Units	Measure life	LRAM Free Riders	Annual energy savings (kWh/a)	LRAM	Assumption Source
Roundup							
2008 Cool Savings Rebate	Energy Star® Central Air Conditioner, Tier 2	6	18	43%	155	\$11	OPA 2010
2008 Cool Savings Rebate	Medium Efficiency Furnace with ECM	13	15	41%	837	\$123	OPA 2010
2008 Cool Savings Rebate	Programmable Thermostat	10	15	73%	54	\$3	OPA 2010
2008 Cool Savings Rebate	Energy Star® Central Air Conditioner, Tier 2	31	18	43%	125	\$42	OPA 2010
2008 Cool Savings Rebate	Efficient Furnace with ECM	47	18	41%	819	\$431	OPA 2010
2008 Cool Savings Rebate	Programmable Thermostat	40	18	73%	54	\$11	OPA 2010
2008 Every Kilowatt Counts Power Savings Event	Energy Star® Qualified Compact Fluorescent Light Bulbs	1,277	8	48%	53	\$663	OPA 2010
2008 Every Kilowatt Counts Power Savings Event	Energy Star® Qualified Dimmable CFLs	139	6	62%	98	\$96	OPA 2010
2008 Every Kilowatt Counts Power Savings Event	Energy Star® Qualified Decorative CFLs	2,158	4	61%	30	\$356	OPA 2010
2008 Every Kilowatt Counts Power Savings Event	Energy Star® Qualified Compact Fluorescent Floods (Indoor & Outdoor)	599	7	63%	88	\$369	OPA 2010
2008 Every Kilowatt Counts Power Savings Event	Energy Star® Qualified Light Fixtures	930	16	67%	133	\$777	OPA 2010
2008 Every Kilowatt Counts Power Savings Event	T8 Fluorescent Fixtures	169	16	67%	37	\$39	OPA 2010
2008 Every Kilowatt Counts Power Savings Event	Lighting Control Devices	182	10	55%	102	\$158	OPA 2010
2008 Every Kilowatt Counts Power Savings Event	Power Bars with Timers	10	10	59%	53	\$4	OPA 2010
2008 Every Kilowatt Counts Power Savings Event	Heavy Duty Timers	21	10	67%	301	\$40	OPA 2010

Program	Energy Efficient Measure	Units	Measure life	LRAM Free Riders	Annual energy savings (kWh/a)	LRAM	Assumption Source
2008 Every Kilowatt Counts Power Savings Event	Programmable Thermostats - Baseboard	59	15	53%	64	\$33	OPA 2010
2008 Every Kilowatt Counts Power Savings Event	Pipe Wrap	1,192	6	53%	38	\$398	OPA 2010
2008 Every Kilowatt Counts Power Savings Event	Keep Cool Pilot – Dehumidifier	0	12	65%	500	\$1	OPA 2010
2008 Every Kilowatt Counts Power Savings Event	Keep Cool Pilot – Room Air Conditioner	0	9	58%	141	\$0	OPA 2010
2008 Every Kilowatt Counts Power Savings Event	Rewards for Recycling – Dehumidifier	11	12	56%	500	\$46	OPA 2010
2008 Every Kilowatt Counts Power Savings Event	Rewards for Recycling – Room Air Conditioner	12	9	56%	141	\$14	OPA 2010
2008 Every Kilowatt Counts Power Savings Event	Rewards for Recycling – Halogen Lamp	10	16	52%	275	\$24	OPA 2010
2008 Summer Sweepstakes	Registered qualified active households	8	5	22%	421	\$49	OPA 2010
2008 Summer Sweepstakes	Registered unqualified active households	12	5	22%	421	\$74	OPA 2010
2008 Summer Sweepstakes	Registered qualified inactive households	1	5	22%	421	\$5	OPA 2010
2008 Summer Sweepstakes	Registered unqualified inactive households	3	5	22%	421	\$19	OPA 2010
2008 Summer Sweepstakes	Non-registered active households	393	5	22%	21	\$123	OPA 2010
2008 Electricity Retrofit Incentive Program (ERIP)	Lighting System T5 Fixtures, High Bay T5. Maximum 6 lamps/fixture. - Commercial Sector	22	15	42%	134	\$13	OPA 2010
2008 High Performance New Construction	Custom Project	0	14	30%	410,000	\$3	OPA 2010
2009 Great Refrigerator Roundup	Bottom Freezer Fridge - Not Replaced - Running Part Time (38% of the time)	0	5	46%	674	\$0	OPA 2010

Program	Energy Efficient Measure	Units	Measure life	LRAM Free Riders	Annual energy savings (kWh/a)	LRAM	Assumption Source
2009 Great Refrigerator Roundup	Bottom Freezer Fridge - Standard Efficiency Unit Replacement - Running Part Time (38% of the time)	0	5	46%	454	\$0	OPA 2010
2009 Great Refrigerator Roundup	Bottom Freezer Fridge - Energy Star Unit Replacement - Running Part Time (38% of the time)	0	5	46%	498	\$0	OPA 2010
2009 Great Refrigerator Roundup	Bottom Freezer Fridge - Not Replaced - Running All Time (100% of time time)	0	5	46%	1,769	\$5	OPA 2010
2009 Great Refrigerator Roundup	Bottom Freezer Fridge - Standard Efficiency Unit Replacement - Running All Time (100% of time time)	0	5	46%	1,193	\$1	OPA 2010
2009 Great Refrigerator Roundup	Bottom Freezer Fridge - Energy Star Unit Replacement - Running All Time (100% of time time)	1	5	46%	1,308	\$7	OPA 2010
2009 Great Refrigerator Roundup	Chest Freezer - Not Replaced - Running Part Time (26% of the time)	2	4	48%	282	\$4	OPA 2010
2009 Great Refrigerator Roundup	Chest Freezer - Standard Efficiency Unit Replacement - Running Part Time (26% of the time)	0	4	48%	247	\$1	OPA 2010
2009 Great Refrigerator Roundup	Chest Freezer - Energy Star Unit Replacement - Running Part Time (26% of the time)	2	4	48%	261	\$5	OPA 2010
2009 Great Refrigerator Roundup	Chest Freezer - Not Replaced - Running All Time (100% of time time)	15	4	48%	1,096	\$161	OPA 2010
2009 Great Refrigerator Roundup	Chest Freezer - Standard Efficiency Unit Replacement - Running All Time (100% of time time)	4	4	48%	959	\$39	OPA 2010

Program	Energy Efficient Measure	Units	Measure life	LRAM Free Riders	Annual energy savings (kWh/a)	LRAM	Assumption Source
2009 Great Refrigerator Roundup	Chest Freezer - Energy Star Unit Replacement - Running All Time (100% of time time)	19	4	48%	1,012	\$188	OPA 2010
2009 Great Refrigerator Roundup	Side by Side Fridge-Freezer - Not Replaced - Running Part Time (38% of the time)	0	5	46%	507	\$2	OPA 2010
2009 Great Refrigerator Roundup	Side by Side Fridge-Freezer - Standard Efficiency Unit Replacement - Running Part Time (38% of the time)	0	5	46%	260	\$0	OPA 2010
2009 Great Refrigerator Roundup	Side by Side Fridge-Freezer - Energy Star Unit Replacement - Running Part Time (38% of the time)	1	5	46%	309	\$2	OPA 2010
2009 Great Refrigerator Roundup	Side by Side Fridge-Freezer - Not Replaced - Running All Time (100% of time time)	3	5	46%	1,331	\$38	OPA 2010
2009 Great Refrigerator Roundup	Side by Side Fridge-Freezer - Standard Efficiency Unit Replacement - Running All Time (100% of time time)	1	5	46%	682	\$7	OPA 2010
2009 Great Refrigerator Roundup	Side by Side Fridge-Freezer - Energy Star Unit Replacement - Running All Time (100% of time time)	6	5	46%	812	\$45	OPA 2010
2009 Great Refrigerator Roundup	Single Door Fridge - Not Replaced - Running Part Time (38% of the time)	1	5	46%	418	\$3	OPA 2010
2009 Great Refrigerator Roundup	Single Door Fridge - Standard Efficiency Unit Replacement - Running Part Time (38% of the time)	0	5	46%	237	\$1	OPA 2010
2009 Great Refrigerator Roundup	Single Door Fridge - Energy Star Unit Replacement - Running Part Time (38% of	1	5	46%	273	\$3	OPA 2010

Program	Energy Efficient Measure	Units	Measure life	LRAM Free Riders	Annual energy savings (kWh/a)	LRAM	Assumption Source
	the time)						
2009 Great Refrigerator Roundup	Single Door Fridge - Not Replaced - Running All Time (100% of time time)	5	5	46%	1,097	\$52	OPA 2010
2009 Great Refrigerator Roundup	Single Door Fridge - Standard Efficiency Unit Replacement - Running All Time (100% of time time)	2	5	46%	623	\$11	OPA 2010
2009 Great Refrigerator Roundup	Single Door Fridge - Energy Star Unit Replacement - Running All Time (100% of time time)	9	5	46%	718	\$66	OPA 2010
2009 Great Refrigerator Roundup	Top Freezer Fridge - Not Replaced - Running Part Time (38% of the time)	4	5	46%	470	\$19	OPA 2010
2009 Great Refrigerator Roundup	Top Freezer Fridge - Standard Efficiency Unit Replacement - Running Part Time (38% of the time)	1	5	46%	252	\$4	OPA 2010
2009 Great Refrigerator Roundup	Top Freezer Fridge - Energy Star Unit Replacement - Running Part Time (38% of the time)	8	5	46%	295	\$23	OPA 2010
2009 Great Refrigerator Roundup	Top Freezer Fridge - Not Replaced - Running All Time (100% of time time)	29	5	46%	1,234	\$365	OPA 2010
2009 Great Refrigerator Roundup	Top Freezer Fridge - Standard Efficiency Unit Replacement - Running All Time (100% of time time)	11	5	46%	661	\$72	OPA 2010
2009 Great Refrigerator Roundup	Top Freezer Fridge - Energy Star Unit Replacement - Running All Time (100% of time time)	57	5	46%	776	\$446	OPA 2010
2009 Great Refrigerator Roundup	Upright Freezer - Not Replaced - Running Part Time (26% of the time)	0	4	48%	365	\$1	OPA 2010

Program	Energy Efficient Measure	Units	Measure life	LRAM Free Riders	Annual energy savings (kWh/a)	LRAM	Assumption Source
2009 Great Refrigerator Roundup	Upright Freezer - Standard Efficiency Unit Replacement - Running Part Time (26% of the time)	0	4	48%	180	\$0	OPA 2010
2009 Great Refrigerator Roundup	Upright Freezer - Energy Star Unit Replacement - Running Part Time (26% of the time)	0	4	48%	189	\$1	OPA 2010
2009 Great Refrigerator Roundup	Upright Freezer - Not Replaced - Running All Time (100% of time time)	3	4	48%	1,416	\$38	OPA 2010
2009 Great Refrigerator Roundup	Upright Freezer - Standard Efficiency Unit Replacement - Running All Time (100% of time time)	1	4	48%	697	\$5	OPA 2010
2009 Great Refrigerator Roundup	Upright Freezer - Energy Star Unit Replacement - Running All Time (100% of time time)	3	4	48%	736	\$25	OPA 2010
2009 Great Refrigerator Roundup	Dehumidifier - Not Replaced - Running All Time (100% of time time)	1	4	64%	960	\$6	OPA 2010
2009 Great Refrigerator Roundup	Dehumidifier - Standard Efficiency Unit Replacement - Running All Time (100% of time time)	1	4	64%	540	\$2	OPA 2010
2009 Great Refrigerator Roundup	Dehumidifier - Energy Star Unit Replacement - Running All Time (100% of time time)	2	4	64%	463	\$5	OPA 2010
2009 Great Refrigerator Roundup	Window Air Conditioner - Not Replaced - Running All Time (100% of time time)	4	3	64%	371	\$8	OPA 2010
2009 Great Refrigerator Roundup	Window Air Conditioner - Standard Efficiency Unit Replacement - Running All Time (100% of time time)	1	3	64%	118	\$0	OPA 2010

Program	Energy Efficient Measure	Units	Measure life	LRAM Free Riders	Annual energy savings (kWh/a)	LRAM	Assumption Source
2009 Great Refrigerator Roundup	Window Air Conditioner - Energy Star Unit Replacement - Running All Time (100% of time time)	2	3	64%	141	\$1	OPA 2010
2009 Cool Savings Rebate	Energy Star® 14.5 SEER (Tier 1) Central Air Conditioner (CAC)	15	18	42%	113	\$18	OPA 2010
2009 Cool Savings Rebate	Energy Star® 14.5 SEER (Tier 1) Central Air Conditioner (CAC) with change in behaviour	2	18	42%	317	\$8	OPA 2010
2009 Cool Savings Rebate	Energy Star® 15.0 SEER (Tier 2) Central Air Conditioner (CAC)	39	18	42%	177	\$74	OPA 2010
2009 Cool Savings Rebate	Energy Star® 15.0 SEER (Tier 2) Central Air Conditioner (CAC) with change in behaviour	6	18	42%	366	\$24	OPA 2010
2009 Cool Savings Rebate	Furnace with Electronically Commutated Motor (ECM), Home constructed before 1980, AHRI Matched CAC & Furnace, Continuous Fan, No change	3	19	60%	2,773	\$68	OPA 2010
2009 Cool Savings Rebate	Furnace with Electronically Commutated Motor (ECM), Home constructed before 1980, AHRI Matched CAC & Furnace, Non-continuous Fan, No change	13	19	60%	324	\$33	OPA 2010
2009 Cool Savings Rebate	Furnace with Electronically Commutated Motor (ECM), Home constructed before 1980, AHRI Matched CAC & Furnace, Continuous Fan, Change from non-continuous	1	19	60%	91	\$1	OPA 2010
2009 Cool Savings Rebate	Furnace with Electronically Commutated Motor (ECM), Home constructed before	6	19	60%	2,823	\$122	OPA 2010

Program	Energy Efficient Measure	Units	Measure life	LRAM Free Riders	Annual energy savings (kWh/a)	LRAM	Assumption Source
	1980, Unmatched CAC & Furnace, Continuous Fan, No change						
2009 Cool Savings Rebate	Furnace with Electronically Commutated Motor (ECM), Home constructed before 1980, Unmatched CAC & Furnace, Non-continuous Fan, No change	24	19	60%	373	\$66	OPA 2010
2009 Cool Savings Rebate	Furnace with Electronically Commutated Motor (ECM), Home constructed before 1980, Unmatched CAC & Furnace, Continuous Fan, Change from non-continuous	2	19	60%	140	\$2	OPA 2010
2009 Cool Savings Rebate	Furnace with Electronically Commutated Motor (ECM), Home constructed before 1980, Heating only, Continuous Fan, No change	1	19	60%	1,535	\$11	OPA 2010
2009 Cool Savings Rebate	Furnace with Electronically Commutated Motor (ECM), Home constructed before 1980, Heating only, Non-continuous Fan, No change	4	19	60%	324	\$9	OPA 2010
2009 Cool Savings Rebate	Furnace with Electronically Commutated Motor (ECM), Home constructed before 1980, Heating only, Continuous Fan, Change from non-continuous	0	19	60%	192	\$0	OPA 2010
2009 Cool Savings Rebate	Furnace with Electronically Commutated Motor (ECM), Home constructed after 1980, AHRI Matched CAC & Furnace, Continuous Fan, No change	4	19	60%	2,867	\$82	OPA 2010
2009 Cool Savings Rebate	Furnace with Electronically Commutated	16	19	60%	207	\$24	OPA 2010

Program	Energy Efficient Measure	Units	Measure life	LRAM Free Riders	Annual energy savings (kWh/a)	LRAM	Assumption Source
	Motor (ECM), Home constructed after 1980, AHRI Matched CAC & Furnace, Non-continuous Fan, No change						
2009 Cool Savings Rebate	Furnace with Electronically Commutated Motor (ECM), Home constructed after 1980, AHRI Matched CAC & Furnace, Continuous Fan, Change from non-continuous	1	19	60%	(49)	(\$0)	OPA 2010
2009 Cool Savings Rebate	Furnace with Electronically Commutated Motor (ECM), Home constructed after 1980, Unmatched CAC & Furnace, Continuous Fan, No change	7	19	60%	2,927	\$148	OPA 2010
2009 Cool Savings Rebate	Furnace with Electronically Commutated Motor (ECM), Home constructed after 1980, Unmatched CAC & Furnace, Non-continuous Fan, No change	28	19	60%	267	\$56	OPA 2010
2009 Cool Savings Rebate	Furnace with Electronically Commutated Motor (ECM), Home constructed after 1980, Unmatched CAC & Furnace, Continuous Fan, Change from non-continuous	2	19	60%	11	\$0	OPA 2010
2009 Cool Savings Rebate	Furnace with Electronically Commutated Motor (ECM), Home constructed after 1980, Heating only, Continuous Fan, No change	1	19	60%	1,570	\$13	OPA 2010
2009 Cool Savings Rebate	Furnace with Electronically Commutated Motor (ECM), Home constructed after 1980, Heating only, Non-continuous Fan,	5	19	60%	207	\$7	OPA 2010

Program	Energy Efficient Measure	Units	Measure life	LRAM Free Riders	Annual energy savings (kWh/a)	LRAM	Assumption Source
	No change						
2009 Cool Savings Rebate	Furnace with Electronically Commutated Motor (ECM), Home constructed after 1980, Heating only, Continuous Fan, Change from non-continuous	0	19	60%	76	\$0	OPA 2010
2009 Cool Savings Rebate	Programmable Thermostat - Central Air Conditioning (CAC) & Gas heating	31	15	61%	30	\$7	OPA 2010
2009 Cool Savings Rebate	Programmable Thermostat - Energy Star® Central Air Conditioning (CAC) & Gas Heating	41	15	61%	26	\$8	OPA 2010
2009 Cool Savings Rebate	Programmable Thermostat - Gas Heating only	9	15	61%	9	\$1	OPA 2010
2009 Cool Savings Rebate	Participant Spillover - Lighting	4	5	0%	40	\$3	OPA 2010
2009 Cool Savings Rebate	Participant Spillover - Cooling or Heating	2	3	0%	100	\$2	OPA 2010
2009 Cool Savings Rebate	Participant Spillover - Water heating	2	10	0%	141	\$6	OPA 2010
2009 Cool Savings Rebate	Participant Spillover - Appliances	3	4	0%	76	\$4	OPA 2010
2009 Cool Savings Rebate	Participant Spillover - Insulation of other weatherization	4	10	0%	75	\$6	OPA 2010
2009 Cool Savings Rebate	Participant Spillover - Windows	3	10	0%	100	\$6	OPA 2010
2009 Cool Savings Rebate	Participant Spillover - Roof products	2	15	0%	50	\$2	OPA 2010
2009 Cool Savings Rebate	Participant Spillover - Other products	2	5	0%	50	\$2	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Energy Star Qualified Compact Fluorescent - Spring Campaign - Participant Rebated	162	8	31%	23	\$48	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	ENERGY STAR Decorative CFLs - Spring Campaign - Participant Rebated	384	6	23%	26	\$143	OPA 2010

Program	Energy Efficient Measure	Units	Measure life	LRAM Free Riders	Annual energy savings (kWh/a)	LRAM	Assumption Source
2009 Every Kilowatt Counts Power Savings Event	ENERGY STAR Fixtures - Spring Campaign - Participant Rebated	31	16	47%	116	\$36	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	ENERGY STAR Ceiling Fans - Spring Campaign - Participant Rebated	13	10	24%	71	\$14	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Heavy Duty Pool and Spa Timers - Spring Campaign - Participant Rebated	5	10	24%	454	\$33	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Clotheslines - Spring Campaign - Participant Rebated	13	10	45%	77	\$10	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Pipe Wrap - Spring Campaign - Participant Rebated	11	6	22%	8	\$1	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Water Blanket - Spring Campaign - Participant Rebated	1	10	20%	52	\$1	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Energy Star Qualified Window Air Conditioner - Spring Campaign - Participant Promoted	13	12	33%	96	\$16	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Energy Star Qualified Dehumidifiers - Spring Campaign - Participant Promoted	13	12	32%	284	\$46	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Programmable Thermostat - Spring Campaign - Participant Promoted	31	15	55%	138	\$36	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Solar Power Products - Spring Campaign - Participant Promoted	81	5	40%	5	\$4	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Control Products - Spring Campaign - Participant Promoted	40	10	47%	72	\$29	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Installed CFLs - Spring Campaign - Participant Spillover	15	8	87%	101	\$4	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Installed a new energy efficient appliance - Refrigerator - Spring Campaign -	11	14	86%	65	\$2	OPA 2010

Program	Energy Efficient Measure	Units	Measure life	LRAM Free Riders	Annual energy savings (kWh/a)	LRAM	Assumption Source
	Participant Spillover						
2009 Every Kilowatt Counts Power Savings Event	Installed a new energy efficient appliance - Clothes washing machine - Spring Campaign - Participant Spillover	6	14	88%	122	\$2	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Added ceiling/attic/wall/basement insulation - Spring Campaign - Participant Spillover	6	20	88%	394	\$6	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Installed Programmable Thermostat - Spring Campaign - Participant Spillover	6	15	87%	308	\$5	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Energy Star Qualified Compact Fluorescent - Spring Campaign - Non-Participant Rebated	123	8	65%	22	\$18	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	ENERGY STAR Decorative CFLs - Spring Campaign - Non-Participant Rebated	61	6	60%	26	\$12	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	ENERGY STAR Fixtures - Spring Campaign - Non-Participant Rebated	58	16	59%	68	\$30	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	ENERGY STAR Ceiling Fans - Spring Campaign - Non-Participant Rebated	17	10	86%	71	\$3	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Heavy Duty Pool and Spa Timers - Spring Campaign - Non-Participant Rebated	11	10	86%	454	\$12	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Clotheslines - Spring Campaign - Non-Participant Rebated	39	10	86%	77	\$8	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Pipe Wrap - Spring Campaign - Non-Participant Rebated	91	6	86%	8	\$2	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Water Blanket - Spring Campaign - Non-Participant Rebated	13	10	86%	52	\$2	OPA 2010
2009 Every Kilowatt Counts	Energy Star Qualified Window Air	22	12	57%	96	\$17	OPA 2010

Program	Energy Efficient Measure	Units	Measure life	LRAM Free Riders	Annual energy savings (kWh/a)	LRAM	Assumption Source
Power Savings Event	Conditioner - Spring Campaign - Non-Participant Promoted						
2009 Every Kilowatt Counts Power Savings Event	Energy Star Qualified Dehumidifiers - Spring Campaign - Non-Participant Promoted	27	12	56%	284	\$62	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Programmable Thermostat - Spring Campaign - Non-Participant Promoted	42	15	71%	138	\$32	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Solar Power Products - Spring Campaign - Non-Participant Promoted	271	5	61%	5	\$9	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Control Products - Spring Campaign - Non-Participant Promoted	93	10	66%	72	\$43	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Energy Star Qualified Compact Fluorescent - Autumn Campaign - Participant Rebated	733	8	31%	25	\$243	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	ENERGY STAR Specialty CFLs - Autumn Campaign - Participant Rebated	296	6	29%	21	\$83	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	ENERGY STAR Fixtures - Autumn Campaign - Participant Rebated	35	16	30%	119	\$55	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Weatherstripping - adhesive foam or V-strip - Autumn Campaign - Participant Rebated	33	15	43%	15	\$5	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Weatherstripping - door frame kits - Autumn Campaign - Participant Rebated	21	15	47%	17	\$4	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Programmable Thermostat - Autumn Campaign - Participant Rebated	14	15	33%	32	\$6	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Pipe Wrap - Autumn Campaign - Participant Rebated	12	6	55%	7	\$1	OPA 2010

Program	Energy Efficient Measure	Units	Measure life	LRAM Free Riders	Annual energy savings (kWh/a)	LRAM	Assumption Source
2009 Every Kilowatt Counts Power Savings Event	Water Blanket - Autumn Campaign - Participant Rebated	3	10	37%	56	\$2	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Lighting/Appliance Controls - Autumn Campaign - Participant Rebated	25	17	28%	21	\$7	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Energy Star Qualified Holiday LED Lights - Autumn Campaign - Participant Promoted	87	5	41%	14	\$13	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Dimmer Switches - Autumn Campaign - Participant Promoted	37	10	50%	24	\$8	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Solar Powered Products - Autumn Campaign - Participant Promoted	71	4	48%	6	\$4	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Installed a new energy efficient appliance – Refrigerator - Autumn Campaign - Participant Spillover	15	14	75%	65	\$4	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Added ceiling/attic/wall/basement insulation - Autumn Campaign - Participant Spillover	12	20	78%	394	\$19	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Replaced my old furnace with a high efficiency furnace - Autumn Campaign - Participant Spillover	11	15	80%	352	\$14	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Installed a new energy efficient appliance - Clothes washing machine - Autumn Campaign - Participant Spillover	10	15	81%	142	\$5	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Energy Star Qualified Compact Fluorescent - Autumn Campaign - Non-Participant Rebated	668	8	86%	24	\$41	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	ENERGY STAR Specialty CFLs - Autumn Campaign - Non-Participant Rebated	212	6	85%	30	\$18	OPA 2010

Program	Energy Efficient Measure	Units	Measure life	LRAM Free Riders	Annual energy savings (kWh/a)	LRAM	Assumption Source
2009 Every Kilowatt Counts Power Savings Event	ENERGY STAR Fixtures - Autumn Campaign - Non-Participant Rebated	59	16	76%	36	\$10	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Weatherstripping - adhesive foam or V-strip - Autumn Campaign - Non-Participant Rebated	230	15	93%	15	\$5	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Weatherstripping - door frame kits - Autumn Campaign - Non-Participant Rebated	176	15	94%	17	\$4	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Programmable Thermostat - Autumn Campaign - Non-Participant Rebated	35	15	83%	83	\$9	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Pipe Wrap - Autumn Campaign - Non-Participant Rebated	163	6	89%	6	\$2	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Water Blanket - Autumn Campaign - Non-Participant Rebated	20	10	78%	40	\$3	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Lighting/Appliance Controls - Autumn Campaign - Non-Participant Rebated	174	17	90%	42	\$14	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Energy Star Qualified Holiday LED Lights - Autumn Campaign - Non-Participant Promoted	285	5	65%	14	\$26	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Dimmer Switches - Autumn Campaign - Non-Participant Promoted	90	10	73%	24	\$11	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Solar Powered Products - Autumn Campaign - Non-Participant Promoted	144	4	58%	5	\$5	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Working Room Air Conditioner Retirement - Rewards for Recycling Campaign - Incented	7	6	62%	32	\$2	OPA 2010
2009 Every Kilowatt Counts	Working Room Dehumidifier Retirement -	6	8	53%	300	\$17	OPA 2010

Program	Energy Efficient Measure	Units	Measure life	LRAM Free Riders	Annual energy savings (kWh/a)	LRAM	Assumption Source
Power Savings Event	Rewards for Recycling Campaign - Incented						
2009 Every Kilowatt Counts Power Savings Event	Working Halogen Torchire Retirement - Rewards for Recycling Campaign - Incented	2	10	49%	58	\$1	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Recycled Second Refrigerator - Rewards for Recycling Campaign - Spillover	1	14	64%	1,238	\$12	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Recycled Additional Room Air Conditioner - Rewards for Recycling Campaign - Spillover	1	6	64%	30	\$0	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Recycled Central Air Conditioner - Rewards for Recycling Campaign - Spillover	1	18	64%	72	\$1	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Recyled Additional Room Dehumidifier - Rewards for Recycling Campaign - Spillover	1	8	64%	309	\$3	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Installed Energy Star® Windows - Rewards for Recycling Campaign - Spillover	2	20	82%	1,530	\$11	OPA 2010
2009 Every Kilowatt Counts Power Savings Event	Installed Energy Star® CFL Bulbs - Rewards for Recycling Campaign - Spillover	7	8	82%	45	\$1	OPA 2010
2009 peaksaver®	Residential Air Conditioner - Switch	80	13	10%	1	\$1	OPA 2010
2009 peaksaver®	Residential Air Conditioner - Thermostat	64	13	10%	1	\$1	OPA 2010
2009 High Performance New Construction	Custom Project	1	20	30%	20,138	\$91	OPA 2010
2009 Power Savings Blitz	All measures	1	9	5%	384,774	\$2,367	OPA 2010

Program	Energy Efficient Measure	Units	Measure life	LRAM Free Riders	Annual energy savings (kWh/a)	LRAM	Assumption Source
2010 Cool Savings Rebate	All measures	295	0	57%	520	\$2,170	OPA 2011c
2010 Every Kilowatt Counts Power Savings Event	All measures	980	0	54%	67	\$1,008	OPA 2011c
2010 Great Refrigerator Roundup	All measures	137	0	46%	1,106	\$2,677	OPA 2011c
2010 peaksaver®	All measures	59	0	9%	2	\$4	OPA 2011c
2010 Electricity Retrofit Incentive Program (ERIP)	Custom	0	0	49%	143,753	\$202	OPA 2011c
2010 High Performance New Construction	Custom	1	0	30%	145,999	\$628	OPA 2011c
2010 Multifamily Energy Efficiency Rebates	All measures	0	0	26%	75,155	\$221	OPA 2011c
2010 Power Savings Blitz	Custom	159	0	0%	2,683	\$4,856	OPA 2011c
Total						\$29,950	

Table 8 –LRAM contributions and carrying charges.

Program	Year	LRAM pre-carrying charges	Carrying charges	Total
Cool & Hot Savings Rebate	2006	\$392	\$5	\$396
	2007	\$564	\$7	\$571
Cool Savings Rebate	2008	\$613	\$7	\$620
	2009	\$802	\$9	\$811
	2010	\$2,132	\$37	\$2,170
Electricity Retrofit Incentive Program (ERIP)	2008	\$13	\$0	\$13
	2010	\$199	\$3	\$202
Every Kilowatt Counts	2006	\$1,310	\$15	\$1,326
	2007	\$3,352	\$40	\$3,391
Every Kilowatt Counts Power Savings Event	2008	\$2,981	\$36	\$3,017
	2009	\$1,338	\$16	\$1,354
	2010	\$990	\$17	\$1,008
Great Refrigerator Roundup	2007	\$723	\$9	\$731
	2008	\$819	\$10	\$829
	2009	\$1,644	\$19	\$1,663
	2010	\$2,630	\$46	\$2,677
High Performance New Construction	2008	\$3	\$0	\$3
	2009	\$90	\$1	\$91
	2010	\$617	\$11	\$628
Multifamily Energy Efficiency Rebates	2010	\$218	\$4	\$221
peaksaver®	2009	\$2	\$0	\$2
	2010	\$4	\$0	\$4
Power Savings Blitz	2009	\$2,339	\$28	\$2,367
	2010	\$4,772	\$84	\$4,856
Secondary Refrigerator Retirement Pilot	2006	\$119	\$2	\$121
Social Housing Pilot	2007	\$311	\$4	\$315
Summer Savings	2007	\$289	\$3	\$292
Summer Sweepstakes	2008	\$267	\$3	\$270
Total		29,534	\$417	29,950

1. Carrying charges are calculated quarterly, at the measure (not program) level to capture different carrying charge interest rates by quarter, program ramp up, and measure life.



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Section 7

Current Approved Tariff of Rates and Charges

Middlesex Power Distribution Corp.

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-2011-0109

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

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	13.76
Smart Meter Funding Adder – effective until April 30, 2012	\$	1.18
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 Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	\$	0.26
Distribution Volumetric Rate	\$/kWh	0.0139
Low Voltage Service Rate	\$/kWh	0.0003
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery – effective until April 30, 2012	\$/kWh	0.0013
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0051

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, 2011

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

EB-2011-0109

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.

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

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	18.18
Smart Meter Funding Adder – effective until April 30, 2012	\$	1.18
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 Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	\$	0.31
Distribution Volumetric Rate	\$/kWh	0.0048
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery – effective until April 30, 2012	\$/kWh	0.0002
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045

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, 2011

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

EB-2011-0109

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

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	43.44
Smart Meter Funding Adder – effective until April 30, 2012	\$	1.18
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 Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	\$	3.03
Distribution Volumetric Rate	\$/kW	1.4397
Low Voltage Service Rate	\$/kW	0.1010
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery – effective until April 30, 2012	\$/kW	0.0001
Retail Transmission Rate – Network Service Rate	\$/kW	2.3471
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.8235
Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	2.6057
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	\$/kW	2.0529

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, 2011

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EB-2011-0109

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

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	3,667.79
Smart Meter Funding Adder – effective until April 30, 2012	\$	1.18
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 Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	\$	22.55
Distribution Volumetric Rate	\$/kW	0.0540
Low Voltage Service Rate	\$/kW	0.1297
Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	2.7603
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	\$/kW	2.2860

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, 2011

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EB-2011-0109

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

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	\$	9.10
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	\$	0.11
Distribution Volumetric Rate	\$/kWh	0.0052
Low Voltage Service Rate	\$/kWh	0.0003
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045

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, 2011

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EB-2011-0109

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.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	\$	0.18
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	\$	0.01
Distribution Volumetric Rate	\$/kW	0.9878
Low Voltage Service Rate	\$/kW	0.0815
Retail Transmission Rate – Network Service Rate	\$/kW	1.7790
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4392

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, 2011

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EB-2011-0109

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
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	\$	0.00
Distribution Volumetric Rate	\$/kW	0.5788
Low Voltage Service Rate	\$/kW	0.0788
Retail Transmission Rate – Network Service Rate	\$/kW	1.7698
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4097

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, 2011

**This schedule supersedes and replaces all previously
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EB-2011-0109

microFIT GENERATOR SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	5.25
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Middlesex Power Distribution Corp.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2011

**This schedule supersedes and replaces all previously
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EB-2011-0109

ALLOWANCES

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

SPECIFIC SERVICE CHARGES

APPLICATION

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

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

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

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	\$	

Middlesex Power Distribution Corp.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2011

**This schedule supersedes and replaces all previously
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EB-2011-0109

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

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

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

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing 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

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Section 8

2010 RRR Filing Details

Middlesex Power Distribution Corp.
Schedule 1
Reconciliation of 2010 Billing Determinants

Customers/Connections							
Rate No.	Rate Class	Main	Dutton	Newbury	Total	2.1.5 RRR	Variance
1	Residential	6,299	517	168	6,984	6,984	-
2	General Service <50	662	86	31	779	779	-
3	General Service >50	91	-	4	95	95	-
4	Large User	1	-	-	1	1	-
5	Unmetered Scattered Load	51	2	-	53	53	-
6	Sentinel Lights	46	2	-	48	48	-
7	Street Lighting	1,958	207	87	2,252	2,252	-
8	TOTAL	9,108	814	290	10,212	10,212	-

kWh (Excluding Losses)							
Rate No.	Rate Class	Main	Dutton	Newbury	Total	2.1.5 RRR	Variance
9	Residential	58,904,267	4,619,375	1,471,602	64,995,244	64,995,244	-
10	General Service <50	17,998,806	3,510,725	499,285	22,008,816	22,008,816	-
11	General Service >50	91,846,588		1,611,160	93,457,748	93,457,748	-
12	Large User	29,034,336			29,034,336	29,034,336	-
13	Unmetered Scattered Load	311,683	9,588		321,271	321,271	-
14	Sentinel Lights	42,724	882		43,606	43,606	-
15	Street Lighting	1,458,103	115,944	55,055	1,629,102	1,629,102	-
16	TOTAL	199,596,507	8,256,514	3,637,102	211,490,123	211,490,123	-

kW							
Rate No.	Rate Class	Main	Dutton	Newbury	Total	2.1.5 RRR	Variance
17	Residential	-	-	-	-	-	-
18	General Service <50	-	-	-	-	-	-
19	General Service >50	235,476	-	3,908	239,384	239,384	-
20	Large User	56,098	-	-	56,098	56,098	-
21	Unmetered Scattered Load	-	-	-	-	-	-
22	Sentinel Lights	119	2	-	121	121	-
23	Street Lighting	4,316	343	163	4,822	4,822	-
24	TOTAL	296,009	345	4,071	300,425	300,425	-

Middlesex Power Distribution Corp.
Schedule 1
Reconciliation of 2010 Billing Determinants

Non-RPP kWh (Excluding Losses)							
Rate No.	Rate Class	Main	Dutton	Newbury	Total	RRR	Variance
25	Residential	12,964,363	827,575	270,074	14,062,012	Note: Non-RPP kWh excluding losses are not a RRR filing requirement.	
26	General Service <50	3,230,011	889,276	16,194	4,135,481		
27	General Service >50	85,046,763		1,494,080	86,540,843		
28	Large User	29,034,336	-	-	29,034,336		
29	Unmetered Scattered Load	311,683	9,588	-	321,271		
30	Sentinel Lights	42,724	882	-	43,606		
31	Street Lighting	1,458,103	115,944	55,055	1,629,102		
32	TOTAL	132,087,983	1,843,265	1,835,403	135,766,651		

Distribution Revenue							
Rate No.	Rate Class	Main	Dutton	Newbury	Total	2.1.5 RRR	Variance
33	Residential	\$2,032,894	\$127,712	\$46,633	\$2,207,239	\$2,207,239	\$0
34	General Service <50	\$254,708	\$45,275	\$15,858	\$315,841	\$315,841	\$0
35	General Service >50	\$331,410		\$24,264	\$355,674	\$355,674	\$0
36	Large User	\$20,593			\$20,593	\$20,593	\$0
37	Unmetered Scattered Load	\$6,864	\$398		\$7,262	\$7,262	\$0
38	Sentinel Lights	\$303	\$12		\$315	\$315	\$0
39	Street Lighting	\$6,065	\$2,491	\$1,539	\$10,096	\$10,096	\$0
40	TOTAL	\$2,652,839	\$175,887	\$88,294	\$2,917,020	\$2,917,020	\$0

Middlesex Power Distribution Corp.

Schedule 2

Reconciliation of 2010 Deferral Balances

Deferral Balances							
Rate No.	Deferral Account	Main	Dutton	Newbury	Total	2.1.1 RRR	Variance
1	1550 Low Voltage	-\$36,714	\$208,161	\$7,869	\$179,316	\$179,316	\$0
2	1580 RSVA Wholesale	-\$254,631	-\$40,094	-\$15,556	-\$310,281	-\$310,281	\$0
3	1584 RSVA Network	\$102,736	-\$20,684	-\$1,431	\$80,620	\$80,621	\$0
4	1586 RSVA Connection	\$109,571	-\$18,051	-\$11,528	\$79,992	\$79,992	\$0
5	1588 RSVA Global Adjust	-\$162,137	\$22,686	\$4,361	-\$135,089	-\$135,089	\$0
6	1521: MEI Special Purpose Charge	\$17,419	\$1,080	\$587	\$19,086	\$19,086	\$0
7	TOTAL	-\$223,756	\$153,097	-\$15,698	-\$86,356	-\$86,356	\$0

Section 9

Letter to the Board regarding PILs



November 16, 2011

Ms. Kirsten Walli
Ontario Energy Board
PO Box 2319
27th Floor, 2300 Yonge Street
Toronto, Ontario M4P 1E4

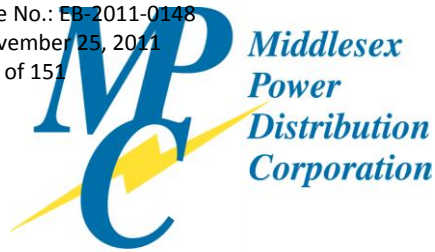
Re: Middlesex Power Distribution Corporation, 2012 IRM3 Application
Board File No.: EB-2011-0148, EB-2011-0149, EB-2011-0150

Dear Ms. Walli,

On August 2, 2011, the Board issued a letter with respect to the process and deadlines for 2012 IRM applications. This letter established a filing deadline of November 25, 2011 for Middlesex Power Distribution Corp ("MPDC"), for an application to include rates for MPDC's three service territories – MPDC-Main, MPDC-Dutton and MPDC-Newbury. With the exception of a proposal for disposition of Account 1562 Deferred PILs, MPDC expects to file its 2012 IRM application for MPDC-Main, MPDC-Dutton and MPDC-Newbury rates by the November 25, 2011 deadline.

With respect to Account 1562 Deferred PILs, MPDC acknowledges that in the EB-2008-0381 Combined Deferred PILs proceeding decision of June 24, 2011, the Board indicated its expectation that distributors would apply for the final disposition of Account 1562 Deferred PILs with their next rate applications. However, an initial lack of historical accounting and taxation records has made the determination and validation of the MPDC-Main, MPDC-Dutton and MPDC-Newbury Account 1562 balances challenging.

As background, MPDC-Main was acquired by its current owner (Chatham-Kent Energy) on June 30, 2005, pursuant to approval granted by the OEB in its June 24, 2005 decision in EB-2005-0255. MPDC-Main subsequently obtained OEB approval (EB-2008-0332 and EB-2008-0350, Decision and Order issued February 9, 2009) to acquire, and then amalgamate, MPDC-Dutton and MPDC-Newbury. These transactions were completed on April 30, 2009. Many of the pre-acquisition accounting records from the former Middlesex Power, Dutton Hydro and Newbury Power utilities that would assist in the respective Account 1562 dispositions have been difficult to locate. We now believe that we have located all available records, and are currently in the



process of interpreting and validating these records. This includes assessing whether additional information requirements will be necessary, and, if additional information is required, how we might obtain it. To-date, the process has involved extensive searches of corporate archives, numerous information requests to predecessor public accountants and detailed discussions with the Ministry of Finance. Additional information requirements may include further inquiries of predecessor public accountants and /or the previous owners of the acquired distributors.

In the result, despite diligent effort, we will not be in a position to file for Account 1562 disposition at the time that the respective 2012 IRM applications are filed. We therefore respectfully request that the Board grant an extension to January 23, 2012 for MPDC-Main, MPDC-Dutton and MPDC-Newbury to file for disposition of their Account 1562 balances.

If you have any further questions please do not hesitate to contact me at (519) 352-6300, extension 558 or davidferguson@ckenergy.com.

Regards,

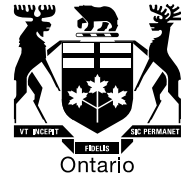
[Original Signed By]

David C. Ferguson
Director of Regulatory Affairs & Risk Management
Phone: 519-352-6300 Ext 558
Email: DavidFerguson@ckenergy.com

cc: Dan Charron, President of Middlesex Power Distribution Corp.
Chris Cowell, Chief Financial and Regulatory Officer

**Ontario Energy
Board**
P.O. Box 2319
27th. Floor
2300 Yonge Street
Toronto ON M4P 1E4
Telephone: 416- 481-1967
Facsimile: 416- 440-7656
Toll free: 1-888-632-6273

**Commission de l'énergie
de l'Ontario**
C.P. 2319
27e étage
2300, rue Yonge
Toronto ON M4P 1E4
Téléphone: 416- 481-1967
Télécopieur: 416- 440-7656
Numéro sans frais: 1-888-632-6273



BY E-MAIL

November 23, 2011

David C. Ferguson
Director of Regulatory Affairs & Risk Management
Middlesex Power Distribution Corporation
351 Frances Street
Strathroy ON N7G 2L7

Dear Mr. Ferguson:

**Re: Middlesex Power Distribution Corporation ("MPDC")
Applications for Rates - 2012 IRM3 Applications
Board File Numbers EB-2011-0148, EB-2011-0149, EB-2011-0150**

The Board is in receipt of your letter dated November 16, 2011 wherein you requested an extension until January 23, 2012 for MPDC-Main, MPDC-Dutton and MPDC-Newbury (the "Applicants") to file their respective evidence supporting the disposition of account 1562 (PILs) balances. You indicated that following acquisition and amalgamation activity, the Applicants were having difficulty locating the pre-acquisition accounting records of the predecessor utilities. You also indicated that, despite diligent effort, the Applicants would not be in a position to file for the disposition of account 1562 at the time that the respective 2012 IRM applications are filed. Further, you stated that MPDC expects to file the 2012 IRM applications for MPDC-Main, MPDC-Dutton and MPDC-Newbury, excluding the disposition of account 1562, by the due date of November 25, 2011.

The Board has considered the extension sought by MPDC and has determined that it will not grant the extension request. The Board is of the view that until the impacts of disposing of the account 1562 balances are known, the Board cannot provide proper notice to the Applicants' ratepayers of the rate impacts associated with the Applicants' 2012 IRM applications. In light of the Applicants' post-amalgamation circumstances, and in order not to jeopardize a May 1, 2012 implementation date for the other aspects of the 2012 IRM applications, the Board directs the Applicants to proceed with filing their 2012 IRM applications excluding the disposition of account 1562. The Board directs the Applicants to file stand-alone applications, by no later than April 1, 2012, for the disposition of account 1562.

Please direct any questions relating to this matter to Pascale Duguay, Manager,
Electricity Rates Applications, at (416) 440-7739 or e-mail
pascale.duguay@ontarioenergyboard.ca.

Yours truly,

Original signed by

John Pickernell
Assistant Board Secretary

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Section 10

MEI Special Purpose Charge

Revised Invoice
Ministry of Energy and Infrastructure
Conservation and Renewable Energy Program Costs

To: Middlesex Power Distribution Corporation
320 Queen St., P.O. Box 70
Chatham, ON N7M 5K2
Attn: Dave Kenney

Item Description:

Assessment for Ministry of Energy and Infrastructure Conservation and Renewable Energy Program Costs.
Quote-part pour les coûts des programme de conservation et d'énergie renouvelable du ministère de l'Énergie et de l'Infrastructure.

Customer No./No du client 472763
Customer Site No./ N° d'emplacement du client 1061029
Invoice Date/Date de la facture April 16, 2010
Invoice No./ N° de la facture 50045
Due Date/ Date d'échéance July 30, 2010
Payment Amount/ Montant remis CAD \$ 79,587

Questions related to the remittance should be directed to the Non-Tax Revenue Management Branch Contact Centre at 1-877-535-0554 or Fax (416) 326-5177. Les questions concernant la remise doivent être posées à l'InfoCentre de la Direction de la gestion des revenus non fiscaux au 1 877 535-0554 ou par télécopieur au 416 326-5177.

This assessment was calculated by the Ontario Energy Board, 2300 Yonge St. 27th Floor, P.O. Box 2319, Toronto, ON M4P 1E4. Questions related to the invoice should be directed to the Market Operations Hotline 416-440-7604. La présente quote-part a été fixée par la Commission de l'énergie de l'Ontario, 2300, rue Yonge, 27^e étage, case postale 2319, Toronto (Ontario) M4P 1E4. Les questions relatives à la facture doivent être posées au service de téléassistance du service Activités du marché : 416 440-7604.

Payments are to be made to the Minister of Finance not the Ontario Energy Board.
Les paiements doivent être faits au ministre des Finances et non à la Commission de l'énergie de l'Ontario.

Detach here/ Détacher ici



Ministry of Finance/Ministère des Finances
Payment Processing Centre/Centre de traitement des paiements
33 King St. West/33 rue King Ouest
PO Box 647/CP 647
Oshawa, ON L1H 8X3

Please detach and return this portion with your payment in the enclosed envelope. Make your cheque or money order payable to the **Minister of Finance**. Veuillez détacher et retourner cette partie avec votre remise dans l'enveloppe ci-jointe. Libellez votre chèque ou votre mandat à l'ordre du **ministre des Finances**.

Middlesex Power Distribution Corporation
320 Queen St., P.O. Box 70
Chatham, ON N7M 5K2
Attn: Dave Kenney

MIN 006

Customer No. / N° du client 472763
Customer Site No./ N° d'emplacement du client 1061029
Invoice No./ N° de la facture 50045
Payment Amount / Montant remis CAD \$ 79 587.00

Calculation of Acct 1521: MEI Special Purpose Charge

Company	SPC Assessment (Principal Balance)	Amount recovered from Customers in 2010	Carrying Charges for 2010	December 31, 2010 Year End Principal Balance	December 31, 2010 Year End Carrying Charges Balance	Amount Recovered from Customers in 2011	Carrying Charges for 2011	Forecasted December 31, 2011 Year End Principal Balance	Forecasted December 31, 2011 Carrying Charges Balance	Forecasted Carrying Charges to April 30, 2012	Forecasted April 30, 2012 Year End Principal Balance	Forecasted April 30, 2012 Carrying Charges Balance	Total Disposition (Principal & Carrying Charges)
(A)	(B)	(C)	(D)	(E) = (B) + (C)	(F) = (D)	(G)	(H)	(I) = (E) + (G)	(J) = (F) + (H)	(K)	(L) = (G)	(M) = (J) + (K)	(N) = (L) + (M)
MPDC - Main	\$74,815.28	-\$57,583.42	\$187.28	\$17,231.86	\$187.28	-\$25,493.33	-\$13.90	-\$8,261.47	\$173.38	-\$39.93	-\$8,261.47	\$133.45	-\$8,128.02
MPDC - Dutton	\$3,236.28	-\$2,165.59	\$9.14	\$1,070.69	\$9.14	-\$1,238.15	\$2.90	-\$167.46	\$12.04	-\$0.81	-\$167.46	\$11.23	-\$156.23
MPDC - Newbury	\$1,535.44	-\$953.04	\$4.49	\$582.40	\$4.49	-\$525.05	\$3.18	\$57.35	\$7.67	\$0.28	\$57.35	\$7.95	\$65.30
TOTAL	\$79,587.00	-\$60,702.05	\$200.91	\$18,884.95	\$200.91	-\$27,256.53	-\$7.82	-\$8,371.58	\$193.09	-\$40.46	-\$8,371.58	\$152.63	-\$8,218.95