



**16984 Highway#12 P.O. Box 820  
Midland Ontario L4R 4P4**

September 15, 2010

Ontario Energy Board  
2300 Yonge Street  
26<sup>th</sup> Floor  
P.O. Box 2319  
Toronto, Ontario  
M4P 1E4

Attention: Ms. Kirsten Walli, Board Secretary

Dear Sirs:

Re: Midland Power Utility Corporation – 2011 IRM3 Rate Application  
Licence #ED 2002-0541; Board File No. EB-2010-0099

In accordance with instructions released by the Ontario Energy Board dated July 9, 2010 updating Chapter 3 of the filing requirements for Transmission and Distribution Applications, Midland Power submits its application for approval for third generation incentive regulation mechanism (IRM3) based rates effective May 1, 2011. This Application includes the following:

1. Manager's Summary
2. Completed 2011 IRM3 Rate Generator Model
3. Completed 2011 IRM3 Deferral Variance Account Workform
4. Completed 2011 IRM3 RSTR Adjustment Workform
5. Completed 2011 IRM3 Shared Tax Savings Workform

An electronic copy of this Application has been filed on the Ontario Energy Board's RESS Filing System and two (2) hard copies have been sent by courier to the Board office to the attention of the Board Secretary.

This Application is respectfully submitted for the Board's consideration. Should you have any questions please do not hesitate to contact the writer.

Yours very truly,

MIDLAND POWER UTILITY CORPORATION

A handwritten signature in black ink, appearing to read 'Phil Marley', is written over a horizontal line.

PHIL MARLEY, CMA  
President & CEO  
Tel: (705)526-9362 ext 204  
Fax: (705) 526-7890  
E-mail: pmarley@midlandpuc.on.ca



## **ONTARIO ENERGY BOARD**

**IN THE MATTER OF the Ontario Energy Board Act, 1998;**

**AND IN THE MATTER OF an Application by Midland Power  
Utility Corporation for an Order or Orders approving rates for  
the distribution of electricity to be implemented on May 1, 2011;**

### **APPLICATION**

The Applicant, Midland Power Utility Corporation (Midland), an Ontario corporation with its head office located in the Town of Midland, is an electricity distributor licensed by the Ontario Energy Board (ED-2002-0541). The Applicant carries on business at 16984 Highway #12, P.O. Box 820, Midland, Ontario, L4R 4P4 and serves customers within the Town of Midland as at December 31, 1997.

Midland hereby makes application to the Ontario Energy Board for an Order or Orders approving electricity distribution rates effective May 1, 2011.

The Ontario Energy Board issued file number EB-2010-0099 to Midland for the 3<sup>rd</sup> Generation IRM adjustment.

On July 9, 2010, the Board issued an update to Chapter 3 of the filing requirements for Transmission and Distribution Applications. The 2011 Rate Models have been prepared based on the policies set out in this update and on August 20, 2010, the Board issued the 2011 electricity distribution incentive regulation mechanism ("IRM") rate application models, supporting filing modules, workforms and completion guidelines.



Midland is seeking approval of adjusted electricity distribution rates to be implemented on May 1, 2011. The Application for IRM3 Generation Electricity Distribution Rates for the 2011 year includes the following parts:

- Manager’s Summary of the Application
- Completed 2011 – IRM3 Rate Generator Model
- Completed 2011 – IRM3 Deferral and Variance Account Workform
- Completed 2011 – RTSR Adjustment Workform
- Completed 2011 - IRM Shared Tax Savings Workform
- LRAM/SSM Rate Rider
- Current Tariff of Rates and Charges
- Applied for Tariff of Rates and Charges
- Bill Impacts

The persons affected by this Application are the ratepayers of Midland.

## **Manager’s Summary**

### **Utility Description**

COMMUNITY SERVED:	Town of Midland
TOTAL SERVICE AREA:	20 sq. km.
RURAL SERVICE AREA:	none
DISTRIBUTION TYPE:	Electricity
SERVICE AREA POPULATION:	16000
MUNICIPAL POPULATION:	17000



**BOUNDARIES:** The distribution service area within the Town of Midland is confined with the legal boundary limits of the Town of Midland except as described below:

The parcel of land surrounded by the northern Town boundary and the centerline of the roads, beginning at a point on Old Penetanguishene Road southerly to a point at Harbourview Drive (if extended), easterly along Harbourview to Fuller Street, then northerly along Fuller Street to Gawley Drive, then easterly along Gawley Drive to the shoreline of Georgian Bay.

The parcel of land described above laying east of Fuller Street was formerly known as Sunnyside and the parcel of land described above laying west of Fuller Street was formerly known as Portage Park.

### **Overview**

Midland is the electricity distributor licenced by the Ontario Energy Board to serve the Town of Midland as described above. Midland was incorporated under the Business Corporations Act (Ontario) on December 22, 1999. The sole shareholder of Midland is The Corporation of the Town of Midland.

Midland operates an electrical distribution system with a total service area of 20 square kilometers within the Town of Midland. Midland delivers electricity through a network of overhead and underground wires, through transformer stations to approximately 6800 customers.

### **Contact Information**

Phil Marley, CMA  
President & CEO  
Midland Power Utility Corporation  
16984 Highway #12  
P.O Box 820  
Midland, Ontario  
L4R 4P4

Email: [pmarley@midlandpuc.on.ca](mailto:pmarley@midlandpuc.on.ca)  
Telephone: 705-526-9362 ext 204  
Fax: 705-526-7890



Christine Bell, B.Com.  
Chief Financial Officer  
Midland Power Utility Corporation  
16984 Highway #12  
P.O Box 820  
Midland, Ontario  
L4R 4P4

Email: [cbell@midlandpuc.on.ca](mailto:cbell@midlandpuc.on.ca)  
Telephone: 705-526-9362 ext 219  
Fax: 705-526-7890

**Neighbouring Utilities**

Hydro One Networks Inc.  
483 Bay Street  
South Tower, 10<sup>th</sup> Floor  
Toronto, Ontario  
M5G 2P5

PowerStream Inc.  
P.O. Box 3700  
Concord, ON  
L4K 5N2

Newmarket-Tay Power Distribution Ltd.  
590 Steven Court.  
Newmarket, Ontario  
L3Y 6Z2

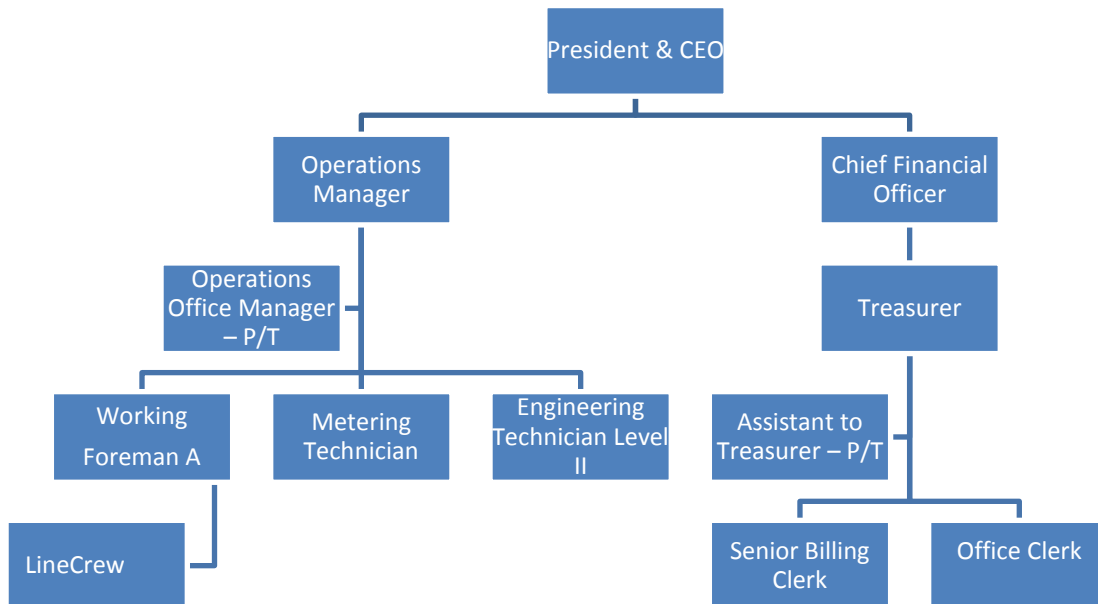
**Host or Embedded Utilities**

Midland does not host any utilities within its service area

Midland does not have any embedded utilities within its service area

Midland is an embedded distributor within Hydro One’s service territory. Midland is a registered Market Participant dealing directly with the IESO and has one metering point metered by Hydro One. Consequently, Midland deals with both the IESO and with Hydro One for the purchase of electricity which is passed through to our customers. As an embedded utility, Midland is billed monthly by Hydro One for Transmission and Low Voltage Charges.

**Corporate Structure – Midland Power Utility Corporation**





Shareholder: The Corporation of the Town of Midland  
Board of Directors: five (5)

**Bill Impact Summary**

The distribution rate adjustments and overall bill impacts for Residential and General Service customers have the following effect:

Class	kWh/kW	Distribution Impact	Total Bill Impact
Residential	800 kWh	5.5%	1.6%
General Service <50 kW	2000 kWh	3.4%	0.7%
General Service >50 kW	2480kW	19.5%	1.3%

These impacts are more particularly set out attached at the end of this Manager’s Summary.

**List of Issues**

Throughout this IRM3 Application, Midland has provided information pertaining to changes to its rates. The issues to be addressed are as follows:

1. Z-Factor Tax Changes: Midland is requesting a Z-Factor Adjustment only in the event the Board is unable to provide direction for the recovery of the one-time expense relating to the Late Payment Penalty Litigation Costs.
2. Foregone Revenue Rate Rider: Midland is requesting a Foregone Revenue Rate Rider only in the event the Board is unable to provide its Decision and Order for rates effective May 1, 2011.
3. Price Cap Adjustment: Midland is requesting a Price Cap Adjustment.
4. Deferral Account Rate Rider: Midland is requesting an additional Deferral Account Rate Rider for the period May 1, 2011 to April 30, 2012 to be shown separately on the Tariff of Rates and Charges.
5. Low Voltage Volumetric Rate: Midland is not requesting a change in the Low Voltage Volumetric Rate, however would request the Low Voltage Volumetric Rate be shown separately on the Tariff of Rates and Charges
6. Global Adjustment Sub-Account Rate Rider: Midland is requesting an additional Global Adjustment Sub-Account Rate Rider for the period May 1, 2011 to April 30, 2013 to be shown separately on the Tariff of Rates and Charges.
7. Transmission Network and Connection Charges: Midland is requesting a change to the Transmission Network and Connection Charges.

8. LRAM/SSM: Midland is requesting an LRAM/SSM Rate Rider to recover the loss of distribution revenue from conservation over a 1 year period.
9. Smart Meter Funding Adder: Midland is not requesting a change in the Smart Meter Funding Adder.
10. Tax Rate Change: Midland is not applying for a tax change rate rider, however, would ask that the Board order the shared savings be recorded in variance account #1595 in the same manner as the 2010 tax shared savings for disposition in a future rate proceeding.
11. Loss Factors: Midland is not applying for a change to the Loss Factors in this Application.
12. Allowances: Midland is not applying for any change to the Transformer and Primary Metering Allowances.
13. Specific Service Charges and Retail Service Charges: Midland is not applying for any change to these rates within this Application.
14. Revenue to Cost Ratio Adjustment: Midland is not applying for changes to the Revenue to Cost Ratios.
15. Incremental Capital: Midland is not applying for an Incremental Capital Rate Rider
16. Smart Grid/Renewable Generation Rate Adder: Midland is not applying for a Smart Grid/Renewable Generation Rate Adder.

#### **Board Findings and Directions from 2009 COS Application**

Midland has complied with all Board Findings and Directions from the 2009 COS Application, with the last adjustments being made in the 2010 IRM Application for rates effective May 1, 2010. There are no further adjustments to be made.

#### **Board Findings and Directions from 2010 IRM Decision and Order**

Midland has complied with all Board Findings and Directions from the 2010 IRM Application. There are no further adjustments to be made.



**Model Inputs and Issues**

Midland submits the following explanations and clarifications regarding data entered into the 2011 IRM3 Rate Generator Model, the 2011 IRM3 Deferral and Variance Account Model, 2011 RTSR Adjustments Workform and the 2011 IRM3 Shared Tax Savings Workform in order to facilitate an understanding of Midland’s submission.

**2011 IRM RATE GENERATOR MODEL**

**Sheet B1.1 Current & Applied For Rate Classes General:**

Midland is not proposing to change the currently approved customer classes. The customer classes are as follows:

Residential
General Service Less Than 50kW
General Service 50 to 4,999 kW
Unmetered Scattered Load
Sentinel Lighting
Street Lighting

**Sheet C1.1 Smart Meter Funding Adder:**

Midland’s current Smart Meter Funding Adder is \$2.00 as approved by the Ontario Energy Board’s Decision and Order dated March 31, 2010. This adder is applied to the Residential and General Service rate classes.

**Sheet C2.2 Deferral Variance Account Disposition (2009)**

Midland’s 2009 Deferral Account Rate Adder is applied to the volumetric rate on all rate classes and is in effect until April 30, 2011 in accordance with the Ontario Energy Board’s Decision and Order dated May 12, 2009.

**Sheet C2.3 Deferral Variance Account Disposition (2010)**

Midland’s 2010 Deferral Account Rate Adder is applied to the volumetric rate on all rate classes and is in effect until April 30, 2012 in accordance with the Ontario Energy Board’s Decision and Order dated March 31, 2010.

### **Sheet C2.6 Tax Change Rate Rider**

Midland tariff does not include a rate rider for the tax changes, however, in accordance with the Ontario Energy Board's Decision and Order dated March 31, 2010 Midland has recorded the tax sharing amount of \$1,231 in account 1595.

### **Sheet C3.1 Current Low Voltage Volumetric Rate**

Midland's current low voltage rates have been input into this sheet. Midland's low voltage rates are recorded separately on the tariff sheet, in accordance with the Ontario Energy Board's Decision and Order dated March 31, 2010.

### **Sheet C3.3 Global Adjustment Delivery**

Midland has input the Global Adjustment to affect the GS>50kW class only in accordance with the Decision and Order dated March 31, 2010 for a total recovery of \$28,447. Pursuant to the Decision and Order dated March 31, 2010, this rate rider is in effect until April 30, 2012.

### **Sheet C4.1 Current Rates & Charges General**

Midland has input the current rates and charges from Midland's approved Tariff of Rates and Charges effective May 1, 2010.

### **Sheet D1.2 Revenue Cost Ratio Adjustment**

Midland is not applying for adjustments to the Revenue to Cost Ratios. All final adjustments as required by the Ontario Energy Board Decision and Order dated May 12, 2009 have been included in the 2010 IRM3 Application.

### **Sheet J1.1 Smart Meter Funding Adder**

In its Decision and Order dated March 31, 2010, the Ontario Energy Board approved a Smart Meter Funding Adder of \$2.00 per Residential and General Service customer. Midland is not proposing to change the Smart Meter Funding Adder.

### **Sheet J2.3 Deferral Variance Account Disposition (2010)**

Midland has input the Deferral Account Rate Rider with a sunset date of April 30, 2012 on this sheet in accordance with the Ontario Energy Board's Decision and Order dated March 31, 2010.

#### **Sheet J2.4 Deferral Variance Account Disposition (2011)**

Midland has calculated the Deferral Account Rate Rider with a sunset date of April 30, 2012 in accordance with the Sheet G1.1a Calculation of Deferral Variance Recovery Rate Rider without Global Adjustment of the Deferral and Variance Account Workform submitted with this Application. Midland has chosen a one year recovery.

#### **Sheet J2.5 Lost Revenue Adjustment Mechanism (LRAM)**

The Ontario Energy Board (OEB) introduced the LRAM/SSM processes outlined in the March 28, 2008 Guidelines for Electricity Distributor Conservation and Demand Management EB-2008-0037 (“CDM Guidelines”) for rate-based applications to recover revenues lost to customer energy conservation, and to share in gains from effective CDM programs prior to the completion of Third Tranche CDM programs.

Midland delivered seven Conservation and Demand Management (CDM) programs under the Third Tranche CDM funding and implemented additional Ontario Power Authority (OPA) provincial programs from 2006 to 2009. Midland has reported energy savings of 1,699,367 kWh, and reduced peak demand by more than 220 kW.

CDM activities related to Third Tranche expenditures and OPA-sponsored programs have resulted in foregone revenues of \$215,556.45 for Midland as set out in the Appendixes A1 and A2. Midland seeks to remediate this lost revenue through Lost Revenue Adjustment Mechanism (LRAM) and Shared Savings Mechanism (SSM).

LRAM calculations are made from the energy savings data from measured CDM program results, or other documented results as applied to the affected rate class for both Third Tranche and OPA programming, which represent the potential for lost revenue to the LDC, and may be claimed under LRAM.

SSM calculations are calculated at 5% of the net present value of the future net benefits from CDM investments.

The application for LRAM/SSM compensation is part of Midland’s 2011 IRM filing and is based on its 2005 to 2009 inclusive CDM results.

## **METHODOLOGY**

The OEB issued Guidelines for Electricity Distributor Conservation and Demand Management, EB-2008-0037 were applied to the preparation of this LRAM/SSM Application.

Counsel was sought within OEB staff via EnnerSpectrum Group to validate assumptions and processes to complete the LRAM/SSM submission consistent with other LDC submissions.

Midland reviewed the applicable CDM program results and TRC calculations to maintain consistency with the CDM Guidelines. In assessing and applying results from CDM programming to LRAM/SSM calculations, program results were assumed to begin after the program has been implemented.

LRAM was calculated as the product of demand/energy savings by customer class and the Board-approved variable distribution charge appropriate to each respective class (net of Regulatory Asset Recovery rate riders). OPA sponsored program kW/kWhs were deemed eligible for LRAM.

SSM was calculated at 5% of the net benefits (TRC) created by CDM portfolio investments.

The timing of results used in LRAM calculations for OPA sponsored programs are from the OPA Conservation Results issued August 13, 2010.

## **RESULTS AND PROPOSED RIDER:**

LRAM amounts were identified by rate class consistent with the CDM Guidelines for programs that impacted revenues from 2005 to 2009 for both Third Tranche and OPA CDM programs. No forecast or other adjustment for the effects of CDM programs was made to the load quantities used in the preparation of Midland's rate cases in prior years. The entire actual load reduction achieved by the eligible third Tranche CDM programs is subject to LRAM treatment. SSM provides for a recovery of 5% of the net benefits (TRC) created by CDM portfolio investments. As set out in the CDM Guidelines, program net benefits are determined by the present value of the avoided electricity costs over the technology's/program's life minus the present value of program costs.

All results are net of free ridership. For all programs/projects, the most recently published OPA assumptions and measures list were used in LRAM calculations in accordance with OEB's direction



letter, Conservation and Demand Management (“CDM”) Input Assumptions Board File No. EB-2008-0352, January 27, 2009 and consistent with the Decision and Order EB 2009-0192 for Horizon Utilities Corporation.

Appendix A2 summarizes the CDM load impacts by program and rate class and the resultant revenue impacts.

The sum of all program LRAM calculations, including OPA sponsored programs is \$210,203.56. SSM calculations total \$5,352.90, for a total LRAM/SSM rate rider of \$215,556.45. Table 1 provides the summary LRAM/SSM calculation and rate rider by rate class. Midland is requesting a 1 (one) year rate rider for the LRAM. The volumetric rate rider was input into Sheet J2.5 of the 2011 IRM3 Rate Generator Model.

**TABLE 1 – LRAM/SSM RATE RIDER CALCULATION**

<b>Rate Class</b>	<b>LRAM \$</b>	<b>SSM \$</b>	<b>TOTAL \$</b>
<b><u>Third Tranche</u></b>			
<b>RESIDENTIAL</b>	\$19,654.71	\$3,993.42	\$23,648.13
<b>GENERAL SERVICE &lt;50KW</b>	\$6,570.59	\$704.38	\$7,274.97
<b>UNMETERED SCATTERED LOAD</b>	\$1,641.65	\$655.09	\$2,296.74
-			
<b><u>OPA Programs</u></b>			
<b>RESIDENTIAL</b>	\$62,927.40		\$62,927.40
<b>GENERAL SERVICE &lt;50KW</b>	\$5,605.73		\$5,605.73
<b>GENERAL SERVICE &gt;50KW</b>	\$113,803.47		\$113,803.47
	\$210,203.56	\$5,352.90	\$215,556.45

**Rate Riders by Class**

Rate class	LRAM/SSM \$	2009 Audited RRR (Note 1)	Volumetric Rate
<b><u>Third Tranche &amp; OPA Programs</u></b>			
<b>RESIDENTIAL</b>	\$86,575.54	47,639,419 kWh	\$0.0018
<b>GENERAL SERVICE &lt;50KW</b>	\$12,880.70	24,772,837 kWh	\$0.0005
<b>UNMETERED SCATTERED LOAD</b>	\$2,296.74	528,948 kWh	\$0.0043
<b>GENERAL SERVICE &gt;50KW</b>	\$113,803.47	329,053 kW	\$0.3459
	\$215,556.45		

**Sheet J2.6 Foregone Revenue Rate Rider**

Midland respectfully requests a Foregone Revenue Rate Rider only if the Board is unable to provide its Decision and Order for rates effective May 1, 2011;

**Z-Factor – Late Payment Penalty “LLP Class Action”**

In addition, Midland respectfully requests a Z-Factor Rate Rider for the recovery of \$31,915.56.

As part of this application, Midland will be seeking recovery of a one-time expense in the amount of 31,915.56 which is expected to be paid on June 30, 2011. If this payment is made, it will serve to resolve long-standing litigation against all former municipal electric utilities (“MEUs”) in the Province in relation to late payment penalty (“LPP”) charges collected pursuant to, first, Ontario Hydro rate schedules and, after industry restructuring, Ontario Energy Board rate orders (the “LPP Class Action”).

On July 22, 2010, The Honourable Mr. Justice Cumming of the Ontario Superior Court of Justice approved a settlement of the LPP Class Action, the principal terms of which are the following:

- (a) Former MEUs collectively pay \$17 million in damages;
- (b) Payment is not due until June 30, 2011; and
- (c) Amounts paid, after deduction for class counsel fee, will be paid to the Winter Warmth Fund or similar charities.



Subject to the right of the MEUs to terminate the settlement if more than 10,000 plaintiff class members opt out of the settlement by September 23, 2010, Midland will make a payment of \$31,915.56 by June 30, 2011. This amount represents Midland's share of the settlement, applicable taxes and legal fees. Midland believes that the settlement is in its best interest and the best interest of its customers and that the payment in connection with the settlement will be a prudent one.

Midland, along with all other electricity distributors filing for cost of service and IRM applications for 2011 electricity distribution rates (the "LDCs"), proposes that, following September 23, 2010, the Board hold a generic hearing to determine if all costs and damages incurred in this litigation and settlement are recoverable from customers and, if so, the form and timing of recovery from customers. If the Board agrees to hold this generic hearing, the LDCs will collectively file written evidence to address the prudence of the settlement, the costs incurred, the methodology of allocating total settlement costs amongst the LDCs, the proposed method of recovery, and any other matters the Board determines appropriate.

If the Board determines that it will not hold a generic proceeding, Midland asks to be advised of this fact as soon as possible so that it can file, to permit adjudication as part of this proceeding, written evidence to address the prudence of the settlement, the costs incurred, the methodology of allocating total settlement costs amongst the LDCs, the proposed method of recovery, and any other matters the Board determines appropriate.

Midland has not included a calculation of the rate rider in the IRM3 Rate Generator Model and will do so once a determination is made by the Board.

#### **Sheet J2.7 Tax Change Rate Rider**

Midland has completed Sheet Fl.1 Z-Factor Tax Changes of the 2011 OEB IRM3 Shared Tax Savings Workform. Midland's 2009 taxable capital is \$11,361,794 and the forecast for 2010 is well below the \$15,000,000 allowable deduction. Midland's Regulatory Taxable Income pursuant to the 2009 COS Application is \$345,309. The results show the adjustment for the year 2011 is \$2,447.

In the Decision and Order dated March 31, 2010, the Board ordered the shared tax savings of \$1,231 be recorded in Midland's variance account 1595 for disposition in a future rate proceeding. Midland respectfully requests the Board order the shared tax savings for the 2011 year be treated in the same

fashion - i.e. record the sum of \$2,447 in Midland's variance account 1595 for disposition in a future rate proceeding. Consequently, Midland is not applying for a Tax Change Rate Rider

### **Sheet J3.1 Applied For Low Voltage Volumetric Rate**

Midland is not requesting a change to the Low Voltage Volumetric Rate and respectfully requests approval of the Low Voltage Volumetric Rates as calculated on Sheet J3.1.

### **Sheet J3.3 Global Adjustment Sub-Account Disposition – Delivery 2010**

Midland has changed the sunset date of the Global Adjustment Rate Rider to July 31, 2010. Although the Decision and Order dated March 31, 2010 provided for a sunset date of April 30, 2012, Midland has determined the billing determinants used in the 2010 IRM Filing were based on monthly data and should have been based on yearly data. Midland has billed and recovered for the period May 1, 2010 to July 31, 2010 the sum of \$45,250.89. Consequently, as Midland has fully recovered this Global Adjustment rate rider, Midland would respectfully request the Board order the sunset date be changed to July 31, 2010. To continue with the rate rider otherwise, would result in a gross over collection of monies from customers.

### **Sheet J3.31 Applied For Global Adjustment Sub-Account Disposition – Delivery 2011**

Midland respectfully requests approval of the Global Adjustment Sub-Account Disposition as calculated on Sheet J3.1. In its Decision and Order dated March 31, 2010, the Ontario Energy Board stated:

“While the Board agrees in principle with Board staff that a separate rate rider should apply to non-RPP customers to dispose of the global adjustment sub-account balance, the Board acknowledges that Midland does not readily have the billing capability to implement such a change. In the circumstances, the Board accepts Midland's proposal to collect the global adjustment from the GS>50kw rate class”.

Midland respectfully requests the Board continue to approve the collection of the Global Adjustment from the GS>50kW rate class only. Midland has chosen a two year recovery for the Global Adjustment.



**Sheet L1.1 and L2.1 Applied for Transmission Network and Connection General**

Midland respectfully requests approval of the Transmission Network and Connection General rates as calculated on Sheet L1.1 and L2.1 respectfully. Midland has incorporated the change to these rates as set out in Chapter 3 of the Filing Requirements for Transmission and Distribution Applications dated July 8, 2010. Midland understands the Board will adjust these rates should there be a change on January 1, 2011.

**Sheet M4.1 microFIT Generator**

Midland requests the monthly service charge of \$5.25 be approved by the Board.

**Sheet N1.1 Applied For Monthly Rates and Charges General**

Midland respectfully requests approval of the Monthly Rates and Charges as set out on sheet N1.1.

**Sheet N3.1 Current and Applied for Loss Factor**

Midland's current approved Total Loss Factor – Secondary Metered Customer < 5,000 kW is 1.0651 and Total Loss Factor – Primary Metered Customer < 5,000 kW is 1.0545. Midland does not request any change to its loss factor in this filing.

**Sheet P1.1 Current and Applied for Allowances**

Midland's current Transformer Allowance for Ownership is (\$.60) per kW and for Primary Metering Allowance for transformer losses is (1.00%) in accordance with the Ontario Energy Board's Decision and Order dated May 12, 2009. Midland is not requesting a change to this rate in this filing.

**Sheet P2.1 Current and Applied for Specific Service Charges**

Midland respectfully requests approval of the Specific Service Charge rates as input on Sheet P2.1 as approved by the Ontario Energy Board's Decision and Order dated May 12, 2009. Midland is not requesting a change to these rates in this filing.

**Sheet P3.1 Current and applied for Retail Service Charges**

Midland respectfully requests approval of the rates on Sheet P3.1 as approved by the Ontario Energy Board's Decision and Order dated May 12, 2009. Midland is not requesting a change to these rates in this filing.

## **2011 IRM DEFERRAL AND VARIANCE ACCOUNT WORKFORM**

### **Sheet B1.3 Rate Class and Billing Determinants**

Midland has input the 2009 Rate Classes and Billing Determinants as set out in the 2009 Audited RRR filings.

### **Sheets C1.2, C1.4, Board Approved Transfer of Deferral/Variance Accounts to 1595**

Midland has input the required data for the transfer of balances to account 1595 in accordance with the Board's Decision and Orders dated May 12, 2009 and March 31, 2010.

### **Sheets D1.5, D1.6 Continuity Schedules 2009 and Final**

Midland has completed the continuity schedules, including interest up to April 30, 2011 which results in a total recovery from customers of \$311,826.

### **Sheet E1.1 Threshold Test**

Based on a billed kWh of 203,110,374 and a recovery of \$311,826 Midland's total claim per kWh is \$0.001535. Midland is requesting a Deferral Account Rate Rider over one year – May 1, 2011 to April 30, 2012.

### **Sheet G1.1a Calculation of Deferral Variance Recovery Rate Rider without Global Adjustment**

Midland has entered the Rate Rider per kWh/kW as applicable onto Sheet J2.5 Deferral Account Rate Rider 2 of the 2011 OEB IRM3 Rate Generator.

### **Sheet G1.1b Calculation of Delivery Component Global Adjustment Rate Rider**

Midland has entered the Rate Rider per kW as applicable onto Sheet J2.5 Deferral Account Rate Rider 2 of the 2011 OEB IRM3 Rate Generator.

### **Sheet G1.2 request for Clearance of Deferral and Variance Accounts**

Midland respectfully requests clearance of the Deferral and Variance Accounts in the amount of \$311,826 as set out on Sheet G1.2.



## **2011 RTSR Adjustment Workform**

### **Sheet B1.1 Rate class and 2010 TRSR Rates**

Current RTSR Network and Connection Rates are recorded in accordance with the Decision and Order dated March 31, 2010.

### **Sheet B1.2 Distributor Billing Determinants**

Midland has input the 2009 RRR Filing billing determinants along with our Loss Factor.

### **Sheet C1.1 2009 Historical Wholesale Transmission**

Midland's transmission costs are paid to Hydro One. Midland has entered the historical information for the year 2009 under the Hydro One section of Sheet C1.1.

### **Sheets F1.1 and F1.2 RTSR Adj- Network & Connection**

Midland has input the RTSR Network and Connection adjustments into Column G on Sheet L1.1 and Sheet L2.1 respectively, of the 2011 IRM Rate Generator Model

## **2011 IRM3 Shared Tax Savings Workform**

### **Sheet B1.1 Rate Class and Re-Based Billing Determinants and Rates**

Midland has input the rate classes and billing determinants and rates pursuant to the 2009 COS Filing under EB-2008-0236.

### **Sheet F1.1 Z-Factor Tax Changes**

Midland has recorded the 2009 taxable capital of \$11,361,794 and the 2009 Regulatory Taxable Income of \$345,309 into Sheet F1.1. The resultant 2011 shared tax savings is a credit of \$2,447. As indicated above, Midland respectfully requests that this credit be included in variance account 1595 for disposition in a future rate proceeding. Consequently, Midland is not applying for a shared tax savings rate rider.



Respectfully submitted,

**MIDLAND POWER UTILITY CORPORATION**

A handwritten signature in black ink, appearing to read 'Phil Marley'.

Phil Marley, CMA  
President & CEO

Email: [pmarley@midlandpuc.on.ca](mailto:pmarley@midlandpuc.on.ca)  
telephone: 705.526.9362 ext 204  
fax: 705.526.7890

Attachments:

Appendix A1 Report of Burman Energy – LRAM & SSM Support  
Appendix A2 Attachment A-D LRAM/SSM Data – Burman Energy  
Current Tariff of Rates and Charges  
Applied for Tariff of Rates and Charges  
Bill Impacts

2011 IRM Rate Generator Model  
2011 IRM Deferral and Variance Account Workform  
2011 RTSR Adjustment Workform  
2011 IRM Shared Tax Savings Workform

# **APPENDIX A1**

Midland PUC

**LRAM and SSM Support**

September 3, 2010

Prepared by: Bart Burman, MBA, BA.Sc. P.Eng., President

## Table of Contents

1. Introduction .....	2
2. Required .....	3
3. About LRAM/SSM.....	3
4. Methodology.....	4
5. Results .....	4
6. Determination of SSM Amount.....	5
7. Determination of LRAM Amount .....	6
8. Allocation and Manner of Recovery for LRAM Amounts .....	6
9. Recommendations .....	7

### Attachments

Attachment A – CDM Load Impacts by Class and Program

Attachment B - Foregone Revenue by Class and Program

Attachment C – SSM Amounts by Class and Program

Attachment D - LRAM & SSM Totals

Attachment E - LRAM & SSM Input Assumptions

Attachment F – OPA Assumptions

## 1. Introduction

Midland PUC initiated seven Conservation and Demand Management (CDM) programs since Third Tranche CDM funding commenced in 2005, and augmented those local programs through direct support and involvement with Ontario Power Authority (OPA) provincial programs. By the end of 2008, Midland PUC had completed the CDM programs in the residential, commercial/industrial and infrastructure segments from its Third Tranche funding of \$234,433. This commitment to CDM has returned energy savings of 1,699,367 kWh and reduced peak demand by more than 220 kW (as reported by Midland PUC in their 2008 CDM Annual Report).

With success in its CDM activities, Midland PUC has lost revenues that need to be addressed as part of its 2011 rates submission to the Ontario Energy Board (OEB). This process will ensure that future CDM investments are sustainable in the long term by becoming a standard element in future rate filings.

The Ontario Energy Board (OEB) introduced a process outlined in the March 28, 2008 Guidelines for Electricity Distributor Conservation and Demand Management EB-2008-0037 ("CDM Guidelines") for rate-based applications to recover revenues lost to customer energy conservation, and to share in gains from effective CDM programs prior to the completion of Third Tranche CDM programs. The mechanism developed by the OEB to calculate lost revenue for savings is the Lost Revenue Adjustment Mechanism (LRAM) and the Shared Savings Mechanism (SSM).

SSM is calculated as 5% of the net present value of the future net benefits from CDM investments. LRAM calculations are made from the energy savings data from measured CDM program results, or other documented results as applied to the affected rate class. OPA sponsored programs, such as Every Kilowatt Counts, are not eligible for SSM because the OPA compensates LDCs through a contractual arrangement rather than the LDC recovering SSM amounts through rate riders. Results from OEB-approved (third tranche) CDM programs, OPA CDM programs and Midland PUC funded programs represent the potential for lost revenue to the LDC, and will be included in calculations under LRAM.

The application for LRAM and SSM compensation is part of Midland PUC's 2011 IRM filing and is based on its 2005 to 2009 inclusive CDM results.



## 2. Required

Midland PUC requested that Burman Energy Consultants Group Inc. (BECGI) review the LDC's preliminary LRAM and SSM and supporting information and assist in producing finalized calculations and report suitable to support an LRAM and SSM claim as part of its 2011 rates submission. In completing the scope of work related to LRAM and SSM, BECGI committed to:

1. Review LRAM, SSM and Third Tranche Total Resource Cost (TRC) calculations and underlying data prepared by Midland PUC for annual year end CDM reports, and assess compliance with the CDM Guidelines, identifying variances and reconciliations.
2. Prepare and finalize LRAM and SSM calculations and assumptions consistent with CDM Guidelines and suitable for inclusion in Midland PUC's 2011 IRM application, with supporting details.
3. Produce a report, recommendations, and supporting Attachments related to LRAM and SSM assessments/findings.

In performing the above tasks, BECGI's involvement is intended to constitute a third party review as specified in the OEB's CDM Guidelines.

## 3. About LRAM/SSM

The OEB issued GUIDELINES FOR ELECTRICITY DISTRIBUTOR CONSERVATION AND DEMAND MANAGEMENT, EB-2008-0037 were applied to the preparation of this LRAM application.

LRAM was calculated as the product of the demand/energy savings by customer class and the Board-approved variable distribution charge appropriate to each respective class (net of Regulatory Asset Recovery rate riders). Both Third Tranche and OPA sponsored program kW/kWhs savings were deemed eligible for consideration capacity of the LRAM claim.

For SSM, a distributor may seek to recover 5% of the net benefits (TRC) created by CDM portfolio investments. An SSM claim applies only to customer focused initiatives that reduce the demand for electricity and/or the amount of energy used. Programs designed to improve Distribution System efficiency (eg. loss reduction) and OPA sponsored programs (eg., Every Kilowatt Counts) are excluded from SSM considerations.

## 4. Methodology

To optimize the calculation of LRAM and SSM amounts, BECGI:

1. Reviewed existing LRAM and SSM CDM Guidelines and precedents set through LDC submissions to the OEB, to identify the most prudent course for Midland PUC's LRAM and SSM application.
2. Sought counsel within OEB staff to validate assumptions and processes to complete LRAM submission consistent with other LDC submissions. Validation by each specific technology employed is included in the accompanying documentation.
3. Reviewed Midland PUC's CDM program results and TRC calculations, verified assumptions and calculations, identified variances with reported values, and recommended adjustments as appropriate to maintain consistency with the CDM Guidelines. Actual program results were provided by Midland PUC, including CDM Annual Reports, OPA program results reports, and supplemental information relevant to LRAM and SSM calculations.
4. Prepared report and recommendations related to LRAM and SSM calculations consistent with OEB CDM Guidelines which are in the accompanying documentation.

## 5. Results

A review of LDC CDM programs with Midland PUC verified that documentation exists to support participation levels associated with the LRAM or SSM for Third Tranche and Midland PUC funded programs.

The OPA has validated the results allocated to Midland PUC for OPA sponsored programs through Third Party Verification. Program results were confirmed to begin the year after program implementation.

The timing of results used in LRAM calculations for OPA sponsored programs are contained in the accompanying documentation under OPA Conservation Results, issued August 13, 2010.

The accompanying table below sets out the calculated amounts for LRAM and SSM for Midland PUC's Third Tranche and OPA CDM programming. The calculation of the results, by program and customer class as applicable, are explained in the text below, and detailed in the appended attachment.

Rate Class			
	LRAM \$	SSM \$	TOTAL \$
<b>Third Tranche</b>			
<b>RESIDENTIAL</b>	\$19,654.71	\$3,993.42	\$23,648.13
<b>GENERAL SERVICE &lt;50KW</b>	\$6,570.59	\$704.38	\$7,274.97
<b>UNMETERED SCATTERED LOAD</b>	\$1,641.65	\$655.09	\$2,296.74
<b>OPA Programs</b>			
<b>RESIDENTIAL</b>	\$62,927.40		\$62,927.40
<b>GENERAL SERVICE &lt;50KW</b>	\$5,605.73		\$5,605.73
<b>GENERAL SERVICE &gt;50KW</b>	\$113,803.47		\$113,803.47
	\$210,203.56	\$5,352.90	\$215,556.45

## 6. Determination of SSM Amount

For SSM, a distributor may recover 5% of the net benefits (TRC) created by CDM portfolio investments. As set out in the CDM Guidelines, program net benefits are determined by the present value of the avoided electricity costs over the technology's/program's life minus the present value of program costs. All results are net of free ridership. Incentive payments identified by Midland PUC are excluded from these calculations. For all programs/projects, the OEB Total Resource Cost Guide, Section 5, Assumptions and Measures List September 8, 2005 were used in TRC calculations in accordance with OEB's direction letter, Conservation and Demand Management ("CDM") Input Assumptions Board File No.: EB-2008-0352, January 27, 2009.

BECGI has validated applied TRC methodology against the CDM Guidelines (included in documentation) and calculated net TRC benefits for each CDM program. CDM incremental general administrative costs were included as part of overall portfolio TRC costs. BECGI's TRC Calculator © was used to ensure appropriate application of avoided costs, free ridership, discounted future benefits, and energy efficiency technology life.

Utility-side programs, such as Loss Reduction on the Distribution System and Smart Metering Pilot Project are not eligible for SSM treatment and were excluded from these calculations. Also excluded were results from OPA sponsored programs (e.g., Every Kilowatt Counts).

Programs considered for this application are described in annually submitted year-end CDM reports for 2006, 2007 and 2008. For each eligible program, net load reductions were calculated (net of free ridership) for both SSM and LRAM calculations. Attachment A summarizes these load reductions.

For the purpose of TRC calculation to derive SSM, the applied discount rates for Midland PUC (approved Weighted Average Cost of Capital) were 9.00% (2005), 6.90% (2006-2007) and 6.76% (2008). The sum of all program NPVs, is \$107,057.91 resulting in the SSM claim of \$5,352.90.

Attachment C summarizes the calculation of the SSM amounts by program, technology and in total. The supporting source data and TRC calculations are set out in detail in the documentation accompanying this report.

## 7. Determination of LRAM Amount

LRAM amounts were identified by rate class consistent with the CDM Guidelines for programs that impacted revenues from 2006 to 2009, for both Third Tranche and OPA CDM programs. No forecast or other adjustment for the effects of CDM programs was made to the load quantities used in the preparation of Midland PUC's rate cases in prior years. The entire actual load reduction achieved by the eligible Third Tranche CDM programs is subject to LRAM treatment. All results are net of free ridership. For all programs/projects, the most recently published OPA assumptions and measures list were used in LRAM calculations in accordance with OEB's direction letter, Conservation and Demand Management ("CDM") Input Assumptions Board File No.: EB-2008-0352, January 27, 2009 and consistent with recent Decision and Order EB-2009-0192 for Horizon Utilities Corporation that directed LRAM calculations use the most current available input assumptions for all CDM programs.

OPA sponsored programs also represent lost revenue through their successful implementation and are included in LRAM calculations. Lost revenue from results attributable to Midland PUC funded programs were also included in the LRAM calculations. Although not specifically addressed in the CDM Guidelines, this assessment was considered to be consistent with the CDM Guideline intention of removing the disincentive of eroding distributor revenues due to lower than forecast revenues.

The sum of all program LRAM calculations, including OPA sponsored programs is \$215,556.45

Attachment A summarizes load impacts by class and program. Attachment B (Foregone Revenue By Class and Program) summarizes the CDM load impacts by program and rate class and the resultant revenue impacts.

## 8. Allocation and Manner of Recovery for LRAM Amounts

The LRAM and SSM amounts arising from CDM programs in each respective rate class are allocated to that class for recovery. LRAM and SSM rate riders should be combined and expressed as a single rate rider for each class, based on approaches taken by other LDCs

## 9. Recommendations

BECGI recommends the following:

1. LRAM/SSM amounts arising from CDM programs in each rate class be allocated to that class for recovery.
2. Incorporate impacts of CDM programming which occurred during the period 2005 to 2008 in future IRM rate applications inclusive. This recognizes CDM as an established customer service element in the years ahead, with identifiable costs and benefits.
3. Use TRC/SSM calculation as one of the methods to assess the potential value of CDM programs considered for implementation.
4. Monitor savings attributed to 2009 OPA program implementation. LRAM calculations include preliminary 2009 results for programs implemented in 2009 as well as final results for programs implemented between 2006 to 2008. This report did not consider any OPA programs implemented or operated during 2010, as the results for these programs will not be available until sometime in 2011.

# **APPENDIX A2**

**ATTACHMENT A**

**CDM Load Impacts by Class and Program**

Class Program	Year Implemented	NET 2006		GROSS 2006		NET 2007		GROSS 2007		NET 2008		GROSS 2008		NET 2009		GROSS 2009		NET		GROSS	
		kWh	kW	kWh	kW	kWh	kW	kWh	kW	kWh	kW	kWh	kW	kWh	kW	kWh	kW	Total kWh	Total kW	Total kWh	Total kW
<b>Third Tranche</b>																					
<b>RESIDENTIAL</b>																					
LIGHTBULB GIVEAWAY	2005	244,944	5.67	272,160	6.30	244,944	5.67	272,160	6.30	244,944	5.67	272,160	6.30	244,944	5.67	272,160	6.30	979,776	22.68	1,088,640	25.20
<b>GENERAL SERVICE &lt; 50 Kw</b>																					
LIGHTBULB GIVEAWAY	2005	113,400	23.03	141,750	28.78	113,400	23.03	141,750	28.78	113,400	23.03	141,750	28.78	113,400	23.03	141,750	28.78	453,600	92.11	567,000	115.14
<b>UNMETERED SCATTERED LOAD</b>																					
STREET LIGHTS	2006-2009	25,124	0	35,892	0	25,124	0	35,892	0	25,124	0	35,892	0	25,124	0	35,892	0	100,496	0.00	143,566	0.00
		12,419	0.00	17,741	0.00	12,419	0.00	17,741	0.00	12,419	0.00	17,741	0.00	12,419	0.00	17,741	0.00				
		12,705	0.00	18,150	0.00	12,705	0.00	18,150	0.00	12,705	0.00	18,150	0.00	12,705	0.00	18,150	0.00				
<b>OPA Programs</b>																					
A Copy of the Program Measures by Year, Unit kWh Savings, Useful life, # of Units can be found on "OPA MEASURES" Tab																					
<b>Residential</b>																					
Secondary Fridge Retirement Pilot	2006	6,486	1.47	7,207	1.63	6,486	1.47	7,207	1.63	6,486	1.47	7,207	1.63	6,486	1.47	7,207	1.63	25,944	5.88	28,827	4.90
Cool & Hot Savings Rebate	2006-2007	16,011	14.84	20,283	18.04	41,442	31.81	70,232	26.59	41,442	31.81	70,232	53.66	41,442	31.81	70,232	53.66	140,338	110.26	230,979	133.91
Every Kilowatt Counts	2006-2007	415,455	4.90	461,617	5.44	567,898	10.80	669,590	13.99	566,034	10.25	666,200	12.98	566,034	10.25	666,200	12.98	2,115,421	36.20	2,463,606	39.96
Cool Savings Rebate Program	2008-2009					27,704	17.55	48,228	30.47	71,200	45.79	123,098	79.33	98,904	63.34	171,326	109.80	98,904	63.34	171,326	109.80
Great Refrigerator Roundup	2007-2009					49,512	6.75	122,945	16.49	138,130	16.19	285,766	34.03	191,589	23.22	396,030	48.62	379,232	46.15	804,741	99.14
peaksaver®	2007-2009						2.84		3.15	2,164	111.05	2,405	123.39	4,048	205.25	4,498	228.05	6,212	319.13	6,903	354.59
Summer Savings	2007					85	47.67	710	397.28	14	14.22	120	118.48	5	6.85	45	57.05	105	68.74	875	572.81
Social Housing – Pilot	2007					13,855	1.63	13,855	1.63	13,855	1.63	13,855	1.63	13,855	1.63	13,855	1.63	41,565	4.89	41,565	4.89
Summer Sweepstakes	2007					22	21.68	110,436	27.94	22	21.68	110,436	27.94	8	12.43	39,851	16.02	29	34.11	150,287	43.96
Every Kilowatt Counts Power Savings Event	2007-2009									140,632	7.67	348,789	18.37	177,640	10.39	404,473	23.61	318,271	18.06	753,262	41.97
<b>General Service&lt;50kW</b>																					
<b>OPA Conservation Programs</b>																					
High Performance New Construction	2008-2009									589	0.70	842	1.00	18,757	8.67	26,795	12.38	19,346	9.36	27,637	13.38
Power Savings Blitz	2008-2009													335,514	45.66	360,768	49.09	335,514	45.66	360,768	49.09
<b>General Service&gt;50kW to 4,999kW</b>																					
<b>OPA Conservation Programs</b>																					
Demand Response 1	2006-2009		603.95	603.95		674.52		674.52			902.38	902.38		359.78	359.78		0	2540.63	0	1936.68	
Demand Response 2	2009													314.10	314.10		0	314.10	0	314.10	
Demand Response 3	2008-2009										174.50	174.50		349.01	349.01		0	523.51	0	523.51	
Electricity Retrofit Incentive Program	2007-2009				1,465	0.53	1,628	0.59	154,814	30.68	266,022	52.58	222,997	56.56	383,579	97.19	379,276	87.77	651,229	150.36	
Electricity Resources Demand Response	2006-2009		30	29.56		58.04		58.04			64.20	64.20		69.97	69.97		0	221.77	0	192.21	

**ATTACHMENT B**  
**Foregone Revenue by Class and Program**

Class Program	Year Implemented	2006				2007				2008				2009				Total Revenue
		Load Unit	kWh or kW	Rate per Unit	Revenue	Load Unit	kWh or kW	Rate per Unit	Revenue	Load Unit	kWh or kW	Rate per Unit	Revenue	Load Unit	kWh or kW	Rate per Unit	Revenue	
<b>Third Tranche</b>																		
<b>RESIDENTIAL</b>																		
LIGHTBULB GIVEAWAY	2005	244,944	kWh	0.0196	\$4,892.76	244,944	kWh	0.0198	\$4,833.56	244,944	kWh	0.0198	\$4,849.89	244,944	kWh	0.0212	\$5,078.51	<b>\$19,654.71</b>
<b>GENERAL SERVICE &lt;50kW</b>																		
LIGHTBULB GIVEAWAY	2005	113,400	kWh	0.0139	\$1,607.45	113,400	kWh	0.0140	\$1,583.82	113,400	kWh	0.0140	\$1,587.60	113,400	kWh	0.0167	\$1,791.72	<b>\$6,570.59</b>
<b>UNMETERED SCATTERED LOAD</b>																		
STREET LIGHTS	2006-2008	<b>25,124</b>	<b>kWh</b>	<b>0.0139</b>	<b>\$356.13</b>	<b>25,124</b>	<b>kWh</b>	<b>0.0140</b>	<b>\$350.90</b>	<b>25,124.05</b>	<b>kWh</b>	<b>0.0140</b>	<b>\$351.74</b>	<b>25,124.05</b>	<b>kWh</b>	<b>0.0278</b>	<b>\$582.88</b>	<b>\$1,641.65</b>
200W to 70W		12,419	kWh	0.0139	\$176.04	12,419	kWh	0.0140	\$173.45	12,418.78	kWh	0.0140	\$173.86	12,418.78	kWh	0.0278	\$288.12	
200W to 100W		12,705	kWh	0.0139	\$180.10	12,705	kWh	0.0140	\$177.45	12,705.27	kWh	0.0140	\$177.87	12,705.27	kWh	0.0278	\$294.76	
<b>OPA Programs</b>																		
<b>Residential</b>																		
Secondary Fridge Retirement Pilot		6,486	kWh	0.0196	\$129.56	6,486	kWh	0.0198	\$127.99	6,486	kWh	0.0198	\$128.42	6,486	kWh	0.0212	\$134.48	\$520.45
Cool & Hot Savings Rebate		16,011	kWh	0.0196	\$319.83	41,442	kWh	0.0198	\$817.79	41,442	kWh	0.0198	\$820.55	41,442	kWh	0.0212	\$859.23	\$2,817.40
Every Kilowatt Counts		415,455	kWh	0.0196	\$8,298.71	567,898	kWh	0.0198	\$11,206.52	566,034	kWh	0.0198	\$11,207.47	566,034	kWh	0.0212	\$11,735.77	\$42,448.48
Cool Savings Rebate Program										27,704	kWh	0.0198	\$548.54	71,200	kWh	0.0212	\$1,476.21	\$2,024.74
Great Refrigerator Roundup						49,512	kWh	0.0198	\$977.04	138,130	kWh	0.0198	\$2,734.98	191,589	kWh	0.0212	\$3,972.28	\$7,684.30
peaksaver®										2,164	kWh	0.0198	\$42.85	4,048	kWh	0.0212	\$83.93	\$126.78
Summer Savings						85	kWh	0.0198	\$1.68	14	kWh	0.0198	\$0.28	5	kWh	0.0212	\$0.11	\$2.08
Social Housing – Pilot						13,855	kWh	0.0198	\$273.41	13,855	kWh	0.0198	\$274.33	13,855	kWh	0.0212	\$287.26	\$835.00
Summer Sweepstakes										22	kWh	0.0198	\$0.43	8	kWh	0.0212	\$0.16	\$0.59
Every Kilowatt Counts Power Savings Event										140,632	kWh	0.0198	\$2,784.51	177,640	kWh	0.0212	\$3,683.06	\$6,467.57
<b>\$62,927.40</b>																		
<b>GENERAL SERVICE Less Than 50kW</b>																		
<b>OPA Conservation Programs</b>																		
High Performance New Construction										589	kWh	0.0140	\$8.25	18,757	kWh	0.0167	\$296.36	\$304.61
Power Savings Blitz														335,514	kWh	0.0167	\$5,301.12	\$5,301.12
<b>\$5,605.73</b>																		
<b>General Service &gt;50kW to 4,999kW</b>																		
<b>OPA Conservation Programs</b>																		
Demand Response 1		603.95	kW	2.2942	\$17,529.95	674.52	kW	2.3148	\$18,680.87	902.38	kW	2.3148	\$25,066.04	359.78	kW	3.4714	\$13,322.91	\$74,599.78
Demand Response 2														314.10	kW	3.4714	\$11,631.42	\$11,631.42
Demand Response 3										174.50	kW	2.3148	\$4,847.26	349.01	kW	3.4714	\$12,923.80	\$17,771.06
Electricity Retrofit Incentive Program						0.53	kW	2.3148	\$14.61	30.68	kW	2.3148	\$852.31	56.56	kW	3.4714	\$2,094.44	\$2,961.37
Electricity Resources Demand Response		29.56	kW	2.2942	\$858.02	58.04	kW	2.3148	\$1,607.48	64.20	kW	2.3148	\$1,783.35	69.97	kW	3.4714	\$2,591.01	\$6,839.85
<b>\$113,803.47</b>																		
<b>\$210,203.56</b>																		



**ATTACHMENT C**

**SSM Amounts by Class and Program**

Class Program	Total Costs \$	Total Benefits \$	Net Benefits \$ NPV	Benefits/C ost Ratio	SSM Amount \$
<b>Third Tranche</b>					
<b>RESIDENTIAL</b>					
CUSTOMER SURVEY	\$1,185.26	\$0.00	-\$1,185.26		-\$59.26
WEBSITE	\$6,098.39	\$0.00	-\$6,098.39		-\$304.92
EDUCATION AND PROMOTION	\$14,412.14	\$0.00	-\$14,412.14		-\$720.61
LIGHTBLUB GIVEAWAY	\$11,340.00	\$139,951.71	\$128,611.71	12.34	\$6,430.59
PARTNERSHIP / SPONSORSHIP	\$27,047.59	\$0.00	-\$27,047.59		-\$1,352.38
<b>GENERAL SERVICE &lt; 50kW</b>					
LIGHTBLUB GIVEAWAY	\$2,520.00	\$16,607.68	\$14,087.68	6.59	\$704.38
<b>UNMETERED SCATTERED LOAD</b>					
<b>STREET LIGHTS</b>	\$2,948.02	\$16,049.91	\$13,101.89	5.44	\$655.09
200W to 70W	\$1,172.83	\$7,886.15	\$6,713.32		\$335.67
200W to 100W	\$1,775.19	\$8,163.76	\$6,388.57		\$319.43
<b>TOTALS</b>	<b>\$65,551.40</b>	<b>\$172,609.31</b>	<b>\$107,057.91</b>		<b>\$5,352.90</b>

**ATTACHMENT D**  
**LRAM & SSM Totals**

**Rate Class**

	<b>LRAM \$</b>	<b>SSM \$</b>	<b>TOTAL \$</b>
<b><u>Third Tranche</u></b>			
<b>RESIDENTIAL</b>	\$19,654.71	\$3,993.42	\$23,648.13
<b>GENERAL SERVICE &lt;50KW</b>	\$6,570.59	\$704.38	\$7,274.97
<b>UNMETERED SCATTERED LOAD</b>	\$1,641.65	\$655.09	\$2,296.74
<b><u>OPA Programs</u></b>			
<b>RESIDENTIAL</b>	\$62,927.40		\$62,927.40
<b>GENERAL SERVICE &lt;50KW</b>	\$5,605.73		\$5,605.73
<b>GENERAL SERVICE &gt;50KW</b>	\$113,803.47		\$113,803.47
	<b>\$210,203.56</b>	<b>\$5,352.90</b>	<b>\$215,556.45</b>

**ATTACHMENT E**

**LRAM & SSM Input Assumptions**

Class	Free Rider Rate		Number of Units		Table Applied		Discount Factor		Technology Life	
	LRAM	SSM	LRAM	SSM	LRAM	SSM	LRAM	SSM	LRAM	SSM
<b>Third Tranche</b>										
<b>RESIDENTIAL</b>										
<b>LIGHTBULB GIVEAWAY</b>	10%		6,300		OPA	OEB	9.00%		8	4
<b>GENERAL SERVICE &lt; 50 Kw</b>										
<b>LIGHTBULB GIVEAWAY</b>	10%		700		OEB		9.00%		2	
<b>UNMETERED SCATTERED LOAD</b>										
<b>STREET LIGHTS</b>										
200W to 70W	30%		31		Direct Input		9.00%		20	
200W to 100W	30%		24		Direct Input		9.00%		20	

OPA Conservation & Demand Management Programs

Measure Results at End-User Level

For: Midland Power Utility Corporation

#	Initiative Number	Initiative Name	Program Name	Program Year	Results Status	#	Measure Name	Unit Savings Assumptions						Province Wide Results								
								Gross Summer Peak Demand Savings (kW)	Gross Annual Energy Savings (kWh)	Gross Lifetime Energy Savings (kWh)	Net Annual Demand Savings (kW)	Net Annual Energy Savings (kWh)	Net Lifetime Energy Savings (kWh)	Aggregate Net-to-Gross Adjustment (%)	Effective Useful Life (EUL)	Activity Results (#)	Gross Summer Peak Demand Savings (kW)	Gross Annual Energy Savings (kWh)	Gross Lifetime Energy Savings (kWh)	Net Summer Peak Demand Savings (kW)	Net Annual Energy Savings (kWh)	Net Lifetime Energy Savings (kWh)
1	1	Secondary Refrigerator Retirement Pilot	Consumer	2006	Final	1	Refrigerator Retirement	0.272	1,200	7,200	0.245	1,080	6,480	90.0	6.0	5,817	1.58	6,980	41,882	1.42	6,282	37,694
2	1	Secondary Refrigerator Retirement Pilot	Consumer	2006	Final	2	Freezer Retirement	0.204	900	5,400	0.184	810	4,860	90.0	6.0	1,252	0.05	0.00	1,358	0.00	2.04	1,223
3	2	Cool & Hot Savings Rebate	Consumer	2006	Final	1	Energy Star® Central Air Conditioner - Cool Savings	0.399	390	5,460	0.359	351	4,914	90.0	14.0	16,685	93.17	81,099	5,399	5,656	81,969	
4	2	Cool & Hot Savings Rebate	Consumer	2006	Final	2	Programmable Thermostat - Cool Savings	0.181	177	3,179	0.163	169	2,861	90.0	18.0	12,711	41.45	40,410	2,027	2,027	36,369	
5	2	Cool & Hot Savings Rebate	Consumer	2006	Final	3	Central Air Conditioner Tune-ups - Cool Savings	0.420	410	3,280	0.378	369	2,952	90.0	8.0	11,379	38.23	37,321	3,721	4,300	4,199	33,589
6	2	Cool & Hot Savings Rebate	Consumer	2006	Final	4	Energy Star® Central Air Conditioner - Hot Savings	0.169	155	2,789	0.097	89	1,595	57.2	18.0	3,398	10.36	9,477	9,477	0.33	301	5,421
7	2	Cool & Hot Savings Rebate	Consumer	2006	Final	5	Efficient Furnace with ECM - Hot Savings	0.436	837	12,550	0.293	494	7,417	59.1	15.0	7,153	53.24	89,780	89,780	2.10	3,537	53,360
8	2	Cool & Hot Savings Rebate	Consumer	2006	Final	6	Programmable Thermostat - Hot Savings	0.028	54	804	0.008	15	221	27.5	15.0	6,612	2.74	5,316	5,316	0.05	97	1,460
9	3	Every Kilowatt Counts	Consumer	2006	Final	1	Energy Star® Compact Fluorescent Light Bulb - Spring Campaign	0.000	104	418	0.000	94	376	90.0	4.0	1,551,344	0.00	161,960	647,841	0.00	145,764	583,057
10	3	Every Kilowatt Counts	Consumer	2006	Final	2	Electric Timers - Spring Campaign	0.000	163	3,660	0.000	165	3,294	90.0	20.0	43,491	0.00	7,959	159,178	0.00	7,163	143,266
11	3	Every Kilowatt Counts	Consumer	2006	Final	3	Programmable Thermostats - Spring Campaign	0.050	216	3,240	0.045	194	2,916	90.0	15.0	18,818	0.95	4,086	61,295	0.95	3,678	55,186
12	3	Every Kilowatt Counts	Consumer	2006	Final	4	Energy Star® Ceiling Fans - Spring Campaign	0.014	141	2,820	0.013	127	2,538	90.0	20.0	14,382	0.20	2,029	40,584	0.18	1,826	36,528
13	3	Every Kilowatt Counts	Consumer	2006	Final	5	Energy Star® Compact Fluorescent Light Bulb - Autumn Campaign	0.000	104	418	0.000	94	376	90.0	4.0	2,300,185	0.00	240,139	960,557	0.00	216,125	864,502
14	3	Every Kilowatt Counts	Consumer	2006	Final	6	Seasonal Light Emitting Diode Light String - Autumn Campaign	0.000	91	923	0.000	28	830	90.0	30.0	553,893	0.00	17,326	510,745	0.00	13,322	459,871
15	3	Every Kilowatt Counts	Consumer	2006	Final	7	Programmable Thermostats - Autumn Campaign	0.118	522	9,398	0.106	470	8,458	90.0	18.0	36,497	4.30	19,055	342,983	3.87	17,149	308,685
16	3	Every Kilowatt Counts	Consumer	2006	Final	8	Dimmers - Autumn Campaign	0.000	139	1,390	0.000	125	1,251	90.0	10.0	28,859	0.00	4,011	40,113	0.00	3,610	36,102
17	3	Every Kilowatt Counts	Consumer	2006	Final	9	Indoor Motion Sensors - Autumn Campaign	0.000	209	4,180	0.000	188	3,762	90.0	20.0	10,355	0.00	2,164	43,285	0.00	1,945	38,356
18	3	Every Kilowatt Counts	Consumer	2006	Final	10	Programmable Baseboard Thermostats - Autumn Campaign	0.000	1,466	26,393	0.000	1,320	23,754	90.0	18.0	2,174	0.00	3,187	57,374	0.00	2,869	81,837
19	4	Demand Response 1	Business, Industrial	2006	Final	1	Voluntary Load Shedding Project	Custom	Custom	Custom	Custom	Custom	Custom	100.0	1.0	0.020	603.95	0	0	603.95	0	
20	5	Electricity Resources Demand Response	Consumer	2006	Final	1	Rodan Contract	3,000,000	0	0	3,000,000	0	0	100.0	6.0	0.002	6.82	0	0	6.82	0	
21	5	Electricity Resources Demand Response	Consumer	2006	Final	2	Loblaws Contract	10,000,000	0	0	10,000,000	0	0	100.0	0.0	0.002	22.74	0	0	22.74	0	
22	6	Great Refrigerator Roundup	Consumer	2007	Final	1	Bottom Freezer Fridge	0.115	1,064	9,578	0.084	778	7,002	73.1	9.0	1,222	0.14	1,301	11,707	0.10	951	8,557
23	6	Great Refrigerator Roundup	Consumer	2007	Final	2	Chest Freezer	0.067	471	3,772	0.031	216	1,724	60.1	8.0	26,206	1.70	11,884	95,071	0.78	5,433	43,463
24	6	Great Refrigerator Roundup	Consumer	2007	Final	3	Side by Side Fridge-Freezer	0.087	807	6,058	0.038	352	3,171	38.1	9.0	10,108	0.98	9,997	68,876	0.38	3,561	32,353
25	6	Great Refrigerator Roundup	Consumer	2007	Final	4	Single Door Fridge	0.076	721	6,491	0.030	282	2,541	39.1	9.0	18,010	2.18	20,203	181,825	0.85	8,789	71,181
26	6	Great Refrigerator Roundup	Consumer	2007	Final	5	Small Freezer (under 10 cubic feet)	0.048	339	2,708	0.015	102	815	30.1	8.0	0,921	0.04	312	2,494	0.01	94	751
27	6	Great Refrigerator Roundup	Consumer	2007	Final	6	Small Fridge (under 10 cubic feet)	0.052	490	4,410	0.016	147	1,327	30.1	9.0	2,197	0.11	1,076	9,687	0.03	324	2,916
28	6	Great Refrigerator Roundup	Consumer	2007	Final	7	Top Freezer Fridge	0.078	732	6,586	0.031	286	2,578	39.1	9.0	10,462	8.01	14,262	68,264	3.14	29,068	261,612
29	6	Great Refrigerator Roundup	Consumer	2007	Final	8	Upright Freezer	0.106	743	5,943	0.049	340	2,717	45.7	8.0	4,873	0.52	3,020	28,959	0.24	1,655	13,239
30	6	Great Refrigerator Roundup	Consumer	2007	Final	9	Window Air Conditioner	0.562	240	1,081	0.242	104	466	43.1	4.5	5,000	2.81	1,201	5,404	1.21	518	2,329
31	7	Cool & Hot Savings Rebate	Consumer	2007	Final	1	Energy Star® Central Air Conditioner - Hot Savings	0.097	155	2,789	0.097	89	1,595	57.2	18.0	3,413	0.50	612	9,510	0.33	302	5,444
32	7	Cool & Hot Savings Rebate	Consumer	2007	Final	2	Efficient Furnace with ECM - Hot Savings	0.496	837	12,550	0.293	494	7,417	59.1	15.0	7,185	3.56	6,700	90,174	1.21	3,525	53,293
33	7	Cool & Hot Savings Rebate	Consumer	2007	Final	3	Programmable Thermostat - Hot Savings	0.028	54	804	0.008	15	221	27.5	15.0	6,641	0.18	356	5,339	0.05	96	1,466
34	7	Cool & Hot Savings Rebate	Consumer	2007	Final	4	Energy Star® Central Air Conditioner, Tier 2 - Cool Savings	0.189	155	2,789	0.097	89	1,595	57.2	18.0	26,563	4.50	4,115	74,078	2.57	2,364	42,372
35	7	Cool & Hot Savings Rebate	Consumer	2007	Final	5	Energy Star® Central Air Conditioner, Tier 1 - Cool Savings	0.169	155	2,789	0.097	89	1,595	57.2	18.0	0.000	0.00	0.00	0.00	0.00	0.00	
36	7	Cool & Hot Savings Rebate	Consumer	2007	Final	6	Medium Efficiency Furnace with ECM - Cool Savings	0.496	837	12,550	0.293	494	7,417	59.1	15.0	35,255	17.49	29,498	442,465	10.34	17,433	261,497
37	7	Cool & Hot Savings Rebate	Consumer	2007	Final	7	High Efficiency Furnace with ECM - Cool Savings	0.496	837	12,550	0.293	494	7,417	59.1	15.0	0.000	0.00	0.00	0.00	0.00	0.00	
38	7	Cool & Hot Savings Rebate	Consumer	2007	Final	8	Programmable Thermostat - Cool Savings	0.028	54	804	0.008	15	221	27.5	15.0	32,697	0.91	1,796	26,487	0.26	485	7,274
39	7	Cool & Hot Savings Rebate	Consumer	2007	Final	9	Central Air Conditioner Tune-ups - Cool Savings	0.257	235	1,175	0.040	37	165	15.7	5.0	32,656	8.89	7,073	38,366	1.32	1,206	6,028
40	8	Every Kilowatt Counts	Consumer	2007	Final	1	15 W CFL	0.001	34	344	0.001	34	288	78.0	8.0	2,766,435	3.60	118,957	951,654	2.81	92,786	2,766,435
41	8	Every Kilowatt Counts	Consumer	2007	Final	2	20+ W CFL	0.002	62	497	0.001	48	388	78.0	8.0	450,350	0.86	27,967	223,734	0.67	21,814	450,350
42	8	Every Kilowatt Counts	Consumer	2007	Final	3	Energy Saving Light Fixture	0.006	123	1,366	0.003	68	1,082	10.0	16.0	10,874	0.51	1,321	21,130	0.03	726	11
43	8	Every Kilowatt Counts	Consumer	2007	Final	4	T8 Fluorescent Tube	0.001	37	370	0.001	29	516	77.0	18.0	21,060	0.03	783	14,102	0.02	603	21
44	8	Every Kilowatt Counts	Consumer	2007	Final	5	Seasonal LED Light String	0.000	14	69	0.000	7	34	48.0	5.0	732,924	0.00	10,041	50,205	0.00	4,920	733
45	8	Every Kilowatt Counts	Consumer	2007	Final	6	Pool Pouchlight CFL	0.001	43	444	0.001	33	261	78.0	8.0	582,148	0.76	25,020	200,250	0.58	19,025	582
46	8	Every Kilowatt Counts	Consumer	2007	Final	7	Solar Light	0.000	0	0	0.000	0	0	13.0	5.0	355,167	0.00	1,708	5,858	0.00	222	355
47	8	Every Kilowatt Counts	Consumer	2007	Final	8	Energy Star® Ceiling Fan	0.003	90	898	0.002	49	494	55.0	10.0	22,315	0.06	2,004	20,039	0.03	1,102	22
48	8	Every Kilowatt Counts	Consumer	2007	Final	9	Furnace Filter	0.011	38	38	0.006	21	21	55.0	10.0	89,914	1.01	3,990	3,390	0.55	1,864	90
49	8	Every Kilowatt Counts	Consumer	2007	Final	10	Power Bar with Timer	0.006	72	724	0.005	57	567	10.0	10.0	0.000	0.00	0.00	0.00	0.00	0.00	
50	8	Every Kilowatt Counts	Consumer	2007	Final	11	Lighting Control Device	0.019	72	722	0.010	40	397	55.0	10.0	113,801	2.11	8,216	82,164	1.16	4,519	114
51	8	Every Kilowatt Counts	Consumer	2007	Final	12	Outdoor Motion Sensor	0.000	160	1,598	0.000	88	879	55.0	10.0	35,530	0.00	5,678	56,777	0.00	3,123	316
52	8	Every Kilowatt Counts	Consumer	2007	Final	13	Dimmer Switch	0.000	209	2,837												

#	Initiative Name	Program Name	Program Year	Results Status	#	Measure Name	Gross Summer Peak Demand Savings (kW)	Gross Annual Energy Savings (kWh)	Gross Lifetime Energy Savings (kWh)	Unit Savings Assumptions			Aggregate Net-to-Gross Adjustment (%)	Effective Useful Life (EUL)	Province Wide Results						
										Net Summer Peak Demand Savings (kW)	Net Annual Energy Savings (kWh)	Net Lifetime Energy Savings (kWh)			Activity Results (#)	Gross Summer Peak Demand Savings (kW)	Gross Annual Energy Savings (kWh)	Gross Lifetime Energy Savings (kWh)	Net Summer Peak Demand Savings (kW)	Net Annual Energy Savings (kWh)	Net Lifetime Energy Savings (kWh)
143	22 Every Kilowatt Courts Power Savings Event	Consumer	2008	Final	12	Air Conditioner/Furnace Filters	0.021	38	38	0.007	13	13	35.1	1.0	46,248	0.97	1,744	1,744	0.34	612	612
144	22 Every Kilowatt Courts Power Savings Event	Consumer	2008	Final	13	Windows	0.000	0	0	0.000	0	0	0.0	0.0	33,604	0.00	0	0	0.00	0	0
145	22 Every Kilowatt Courts Power Savings Event	Consumer	2008	Final	14	Window Films	0.000	0	0	0.000	0	0	0.0	0.0	541,962	0.00	0	0	0.00	0	0
146	22 Every Kilowatt Courts Power Savings Event	Consumer	2008	Final	15	Electric Water Heater Blankets	0.000	0	0	0.000	0	0	0.0	0.0	16,613	0.00	0	0	0.00	0	0
147	22 Every Kilowatt Courts Power Savings Event	Consumer	2008	Final	16	Pipe Wrap	0.000	38	228	0.001	181	107	46.8	6.0	998,037	2.99	37,925	227,552	1.40	17,758	106,547
148	22 Every Kilowatt Courts Power Savings Event	Consumer	2008	Final	17	Low-Flow Toilets	0.000	0	0	0.000	0	0	0.0	0.0	130,558	0.00	0	0	0.00	0	0
149	22 Every Kilowatt Courts Power Savings Event	Consumer	2008	Final	18	Keep Cool Pict - Dehumidifier	0.290	500	5,998	0.102	175	2,099	35.0	12.0	0,311	0.09	156	1,868	0.03	54	654
150	22 Every Kilowatt Courts Power Savings Event	Consumer	2008	Final	19	Keep Cool Pict - Room Air Conditioner	0.142	141	1,266	0.062	62	567	44.0	9.0	9,352	2.71	4,674	56,089	1.19	2,607	24,679
151	22 Every Kilowatt Courts Power Savings Event	Consumer	2008	Final	20	Rewards for Recycling - Dehumidifier	0.290	500	5,998	0.128	220	2,639	44.0	12.0	10,107	1.44	1,422	12,799	0.63	626	5,632
152	22 Every Kilowatt Courts Power Savings Event	Consumer	2008	Final	21	Rewards for Recycling - Room Air Conditioner	0.142	141	1,266	0.062	62	567	44.0	9.0	8,662	0.07	2,219	35,500	0.03	1,065	17,040
153	22 Every Kilowatt Courts Power Savings Event	Consumer	2008	Final	22	Rewards for Recycling - Henson Lamp	0.865	17	225	0.779	16	202	90.0	13.0	0.000	0.00	0	0	0.00	0	0
154	23 peak saver	Consumer, Business	2008	Final	2	Residential Air Conditioner - Switch	0.865	17	225	0.779	16	202	90.0	13.0	139,000	120.24	2,405	31,261	108.21	2,164	28,135
155	23 peak saver	Consumer, Business	2008	Final	3	Residential Electric Water Heater	0.300	6	78	0.270	5	70	90.0	13.0	0.000	0.00	0	0	0.00	0	0
156	23 peak saver	Consumer, Business	2008	Final	4	Commercial Air Conditioner - Switch	3.700	74	962	3.330	67	866	90.0	13.0	0.000	0.00	0	0	0.00	0	0
157	23 peak saver	Consumer, Business	2008	Final	5	Commercial Air Conditioner - Thermostat	1.850	37	481	1.665	33	433	90.0	13.0	0.000	0.00	0	0	0.00	0	0
158	23 peak saver	Consumer, Business	2008	Final	6	Commercial Electric Water Heater	0.111	421	2,202	0.086	327	1,709	77.6	5.2	48,048	5.34	20,231	105,816	4.14	4	22
159	23 peak saver	Consumer, Business	2008	Final	7	Registered qualified active households	0.111	421	2,202	0.086	327	1,709	77.6	5.2	72,072	8.00	30,347	158,724	6.21	6	32
160	24 Summer Sweepestakes	Consumer	2008	Final	8	Registered qualified inactive households	0.111	421	2,202	0.086	327	1,709	77.6	5.2	1,805	0.53	0	0	0.41	0	2
161	24 Summer Sweepestakes	Consumer	2008	Final	9	Registered unqualified active households	0.111	421	2,202	0.086	327	1,709	77.6	5.2	16,075	2.01	7,611	39,807	1.56	9	49
162	24 Summer Sweepestakes	Consumer	2008	Final	10	Registered unqualified inactive households	0.005	21	112	0.004	17	87	77.6	5.2	2,340,722	12.06	50,224	262,689	9.36	2	8
163	24 Summer Sweepestakes	Consumer	2008	Final	11	Non-registered active households	0.005	21	112	0.004	17	87	77.6	5.2	0.000	0.00	0	0	0.00	0	0
164	24 Summer Sweepestakes	Consumer	2008	Final	12	Non-registered inactive households	0.005	21	112	0.004	17	87	77.6	5.2	0.000	0.00	0	0	0.00	0	0
165	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	1	Agribusiness ENERGY STAR® Rated CFLs, Screw in. All sizes < 40 W - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
166	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	2	Agribusiness ENERGY STAR® Rated CFLs, Hard wired. All sizes < 40 W - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
167	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	3	Agribusiness ENERGY STAR® Rated CFLs, Hard wired. All sizes < 40 W - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
168	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	4	Agribusiness Standard Performance T8, Single lamp standard T8 fixture - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
169	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	5	Agribusiness Standard Performance T8, Double lamp standard T8 fixture - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
170	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	6	Agribusiness Standard Performance T8, Triple lamp standard T8 fixture - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
171	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	7	Agribusiness Standard Performance T8, Quadraple lamp standard T8 fixture - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
172	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	8	Agribusiness High Performance T8 (Consortium for Energy Efficiency qualifying list compliance), Single lamp high performance T8 fixture - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
173	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	9	Agribusiness High Performance T8 (Consortium for Energy Efficiency qualifying list compliance), Double lamp high performance T8 fixture - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
174	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	10	Agribusiness High Performance T8 (Consortium for Energy Efficiency qualifying list compliance), Triple lamp high performance T8 fixture - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
175	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	11	Agribusiness High Performance T8 (Consortium for Energy Efficiency qualifying list compliance), Quadraple lamp high performance T8 fixture - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
176	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	12	Agribusiness T5 Fixtures, 15 ft fixture with 1, 2, or 3 lamps and 1 electronic ballast - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
177	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	13	Agribusiness T5 Fixtures, High Bay T5, Maximum 6 lamps/fixture - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
178	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	14	Agribusiness Metal Halide, 320 W Ceramic pulse start - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
179	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	15	Agribusiness High Temperature Cutoff Thermostat - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
180	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	16	Agribusiness Occupancy Sensors, Ceiling mounted occupancy sensor - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
181	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	17	Agribusiness Creep Heat Pads, up to 100W maximum - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
182	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	18	Agribusiness Creep Heat Pads, up to 200W maximum - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
183	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	19	Agribusiness High Temperature Cutoff Thermostat - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
184	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	20	Agribusiness Creep Heat Controller - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
185	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	21	Agribusiness Energy Efficient Ventilation Exhaust Fans - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
186	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	22	Agribusiness Low Energy Livestock Waterers - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
187	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	23	Agribusiness Photocell and Timer for Lighting Control - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
188	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	24	Lighting System Exit Signs, 5 W or less - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
189	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	25	Lighting System ENERGY STAR® Rated CFLs, Screw in. All sizes < 40 W - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
190	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	26	Lighting System ENERGY STAR® Rated CFLs, Hard wired. All sizes < 40 W - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
191	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	27	Lighting System Standard Performance T8, Single lamp standard T8 fixture - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
192	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	28	Lighting System Standard Performance T8, Double lamp standard T8 fixture - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
193	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	29	Lighting System Standard Performance T8, Triple lamp standard T8 fixture - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
194	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	30	Lighting System Standard Performance T8, Quadraple lamp standard T8 fixture - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
195	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	31	Lighting System High Performance T8 (Consortium for Energy Efficiency qualifying list compliance), Single lamp high performance T8 fixture - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
196	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	32	Lighting System High Performance T8 (Consortium for Energy Efficiency qualifying list compliance), Double lamp high performance T8 fixture - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
197	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	33	Lighting System High Performance T8 (Consortium for Energy Efficiency qualifying list compliance), Triple lamp high performance T8 fixture - Commercial Sector	0.000	0	0	0.000	0	0	0.0	0.0	0.000	0.00	0	0	0.00	0	0
198	25 Electricity Retrofit Incentive	Business, Industrial	2008	Final	34	Lighting System High Performance T8 (Consortium for Energy Efficiency qualifying list compliance), Quadraple lamp high performance T8 fixture - Commercial Sector	0.000	0	0												















#	Initiative Number	Initiative Name	Program Name	Program Year	Results Status	#	Measure Name	Unit Savings Assumptions					Province Wide Results									
								Gross Summer Peak Demand Savings (kW)	Gross Annual Energy Savings (kWh)	Gross Lifetime Energy Savings (kWh)	Net Summer Peak Demand Savings (kW)	Net Annual Energy Savings (kWh)	Net Lifetime Energy Savings (kWh)	Activity Results (#)	Gross Summer Peak Demand Savings (kW)	Gross Annual Energy Savings (kWh)	Net Summer Peak Demand Savings (kW)	Net Annual Energy Savings (kWh)	Net Lifetime Energy Savings (kWh)			
1179	42	Power Savings Blitz	Business	2009	Preliminary	82	15) From: 2 Lamps 4 'T12-34W-Magnetic Ballasts to: 2 - 4' lamps with either 32 watt ballast of 80% ballast factor or 25 watt lamps T8-Electronic Ballast - Food Service Sector	0.017	124	1,823	0.016	115	1,695	93.0	14.7	10,000	0.17	1,238	18,193	0.16	1,151	16,919
1180	42	Power Savings Blitz	Business	2009	Preliminary	83	16) From: 4 Lamps 4 'T12-34W-Magnetic Ballasts to: 2 - 4' 32 watt lamps + reflector T8-Electronic Ballast - Food Service Sector	0.082	606	8,908	0.076	564	8,285	93.0	14.7	0.000	0.00	0.00	0.00	0.00	0.00	0.00
1181	42	Power Savings Blitz	Business	2009	Preliminary	84	17) From: 4 Lamps 4 'T12-34W-Magnetic Ballasts to: 2 - 4' lamps with either 32 watt ballast of 80% ballast factor or 25 watt lamps T8-Electronic Ballast - Food Service Sector	0.037	272	3,998	0.034	253	3,719	93.0	14.7	1,000	0.04	272	4,002	0.03	253	3,722
1182	42	Power Savings Blitz	Business	2009	Preliminary	85	18) From: 19 Lamps U-Shaped 34-40W-Magnetic Ballasts to: 2-LT-Line Lamps 2' -T8-32W-Electronic Ballast - Food Service Sector	0.020	149	2,190	0.019	139	2,037	93.0	14.7	0.000	0.00	0.00	0.00	0.00	0.00	0.00
1183	42	Power Savings Blitz	Business	2009	Preliminary	86	19) From: 2 Lamps U-Shaped 34-40W-Magnetic Ballasts to: 2 Linear 2' + Reflector F1778 2' -T8-32W-Electronic Ballast - Food Service Sector	0.041	303	4,454	0.038	282	4,142	93.0	14.7	0.000	0.00	0.00	0.00	0.00	0.00	0.00
1184	42	Power Savings Blitz	Business	2009	Preliminary	87	20) From: 2-15W Lamps Exit Sign - incandescent to: 3W LED Energy Star rated LED Exit Sign - Food Service Sector	0.032	237	3,792	0.030	220	3,527	93.0	16.0	9,000	0.29	2,129	34,059	0.27	1,980	31,675
1185	42	Power Savings Blitz	Business	2009	Preliminary	88	21) From: 2-15W Lamps Exit Sign - incandescent to: Replace entire fixture with LED sign Energy Star rated LED Exit Sign - Food Service Sector	0.032	237	3,792	0.030	220	3,527	93.0	16.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00
1186	42	Power Savings Blitz	Business	2009	Preliminary	89	22) From: 40W Standard Incandescent (A Lamp) to: 11W ENERGY STAR® rated CFL (Screw-in replacement) - Office Sector	0.024	166	2,022	0.022	166	2,022	93.0	2.3	0.000	0.00	0.00	0.00	0.00	0.00	0.00
1187	42	Power Savings Blitz	Business	2009	Preliminary	90	23) From: 60W Standard Incandescent (A Lamp) to: 13W ENERGY STAR® rated CFL (Screw-in replacement) - Office Sector	0.040	291	669	0.037	271	622	93.0	2.3	0.000	0.00	0.00	0.00	0.00	0.00	
1188	42	Power Savings Blitz	Business	2009	Preliminary	91	24) From: 100W Standard Incandescent (A Lamp) to: 23W ENERGY STAR® rated CFL (Screw-in replacement) - Food Service Sector	0.065	476	1,995	0.060	443	1,918	93.0	2.3	0.000	0.00	0.00	0.00	0.00	0.00	
1189	42	Power Savings Blitz	Business	2009	Preliminary	92	25) From: 150W Standard Incandescent (A Lamp) to: 28W ENERGY STAR® rated CFL (Screw-in replacement) - Food Service Sector	0.103	755	1,737	0.096	702	1,615	93.0	2.3	1,000	0.10	755	1,738	0.10	702	1,615
1190	42	Power Savings Blitz	Business	2009	Preliminary	93	26) From: 40W Standard Incandescent PAR Lights - Track lighting or product highlighting to: 15W CFL Energy Star rated Flood CFL - Food Service Sector	0.028	278	595	0.025	259	595	93.0	0.0	0.000	0.00	0.00	0.00	0.00	0.00	
1191	42	Power Savings Blitz	Business	2009	Preliminary	94	27) From: 75W PAR38/30 PAR Lights - Flood or Spot - recessed down lighting to: 18W CFL PAR38/30 ENERGY STAR® rated PAR CFL - Food Service Sector	0.048	353	812	0.045	328	755	93.0	2.3	0.000	0.00	0.00	0.00	0.00	0.00	
1192	42	Power Savings Blitz	Business	2009	Preliminary	95	28) From: 100W PAR38/30 PAR Lights - Flood or Spot - recessed down lighting to: 28W CFL PAR38/30 ENERGY STAR® rated PAR CFL - Food Service Sector	0.062	458	1,053	0.058	426	960	93.0	2.3	12,000	0.75	5,496	12,638	0.70	5,110	11,754
1193	42	Power Savings Blitz	Business	2009	Preliminary	96	29) From: 40 - 60W standard incandescent PAR Lights - Track lighting or product highlighting to: 15W CFL Energy Star rated Flood CFL - Food Service Sector	0.028	278	595	0.025	259	595	93.0	0.0	0.000	0.00	0.00	0.00	0.00	0.00	
1194	42	Power Savings Blitz	Business	2009	Preliminary	97	30) From: 40 - 60W standard incandescent PAR Lights - Track lighting or product highlighting to: 32 Watt IR coated halogen Energy Star rated Flood CFL - Food Service Sector	0.024	173	404	0.022	161	397	93.0	0.6	0.000	0.00	0.00	0.00	0.00	0.00	
1195	42	Power Savings Blitz	Business	2009	Preliminary	98	31) From: 75W standard incandescent PAR Lights - Track lighting or product highlighting to: 18W CFL Energy Star rated Flood CFL - Food Service Sector	0.048	353	812	0.045	328	755	93.0	2.3	4,000	0.19	1,411	3,245	0.18	1,312	3,016
1196	42	Power Savings Blitz	Business	2009	Preliminary	99	32) From: 75W standard incandescent PAR Lights - Track lighting or product highlighting to: 50 Watt Halogen Energy Star rated Flood CFL - Food Service Sector	0.021	155	353	0.020	144	328	93.0	0.6	0.000	0.00	0.00	0.00	0.00	0.00	
1197	42	Power Savings Blitz	Business	2009	Preliminary	100	33) From: 90 Watt Halogen PAR Lights - Track lighting or product highlighting to: 23 to 28 watt CFL Par 38/30 Energy Star rated Flood CFL - Food Service Sector	0.052	384	883	0.048	357	821	93.0	2.3	0.000	0.00	0.00	0.00	0.00	0.00	
1198	42	Power Savings Blitz	Business	2009	Preliminary	101	34) From: 90 Watt Halogen PAR Lights - Track lighting or product highlighting to: 60 watt Halogen IR Energy Star rated Flood CFL - Food Service Sector	0.025	186	412	0.023	173	404	93.0	0.6	0.000	0.00	0.00	0.00	0.00	0.00	
1199	42	Power Savings Blitz	Business	2009	Preliminary	102	35) From: 100W standard incandescent or greater PAR Lights - Track lighting or product highlighting to: 26W CFL Energy Star rated Flood CFL - Food Service Sector	0.062	458	1,053	0.058	426	960	93.0	2.3	0.000	0.00	0.00	0.00	0.00	0.00	
1200	42	Power Savings Blitz	Business	2009	Preliminary	103	36) From: 100W standard incandescent or greater PAR Lights - Track lighting or product highlighting to: 50 Watt Halogen Energy Star rated Flood CFL - Food Service Sector	0.021	155	353	0.020	144	328	93.0	0.6	0.000	0.00	0.00	0.00	0.00	0.00	
1201	42	Power Savings Blitz	Business	2009	Preliminary	104	37) From: No Insulation Jacket (50-119 Gall) to: Insulation Jacket 5/32" barrier bubble film laminated between two layers of foil Water Heater (Electrical) - Food Service Sector	0.034	218	2,026	0.032	206	2,070	93.0	7.0	0.000	0.00	0.00	0.00	0.00	0.00	
1202	42	Power Savings Blitz	Business	2009	Preliminary	105	38) From: No Insulation Jacket (12-40 Gall) to: Insulation Jacket 5/32" barrier bubble film laminated between two layers of foil Water Heater (Electrical) - Food Service Sector	0.017	154	1,078	0.016	143	1,003	93.0	7.0	0.000	0.00	0.00	0.00	0.00	0.00	
1203	42	Power Savings Blitz	Business	2009	Preliminary	106	39) From: 10 ft flexible polyethylene insulation on outlet pipe (for 1 1/2" and 3/4" diameter pipe) Water Heater (Electrical) - Food Service Sector	0.000	0	0	0.000	0	0	93.0	0.0	0.000	0.00	0.00	0.00	0.00		
1204	42	Power Savings Blitz	Business	2009	Preliminary	107	40) From: Aerator (Average 2.75gpm) Low Flow Aerator (Electric Water Heater Only) to: Aerator (Average 1.5 gpm) Low Flow Aerator (Electric Water Heater Only) - Food Service Sector	0.004	34	1,078	0.004	32	1,058	93.0	0.0	0.000	0.00	0.00	0.00	0.00		
1205	42	Power Savings Blitz	Business	2009	Preliminary	108	41) From: Authorized Contractor Program (ACP) to: Work Order cost <=\$500 (Labour and materials) - Food Service Sector	0.000	0	0	0.000	0	0	93.0	0.0	0.000	0.00	0.00	0.00	0.00		
1206	42	Power Savings Blitz	Business	2009	Preliminary	109	42) From: Authorized Contractor Program (ACP) to: Work Order cost <=\$500 (Labour and materials) - Food Service Sector	0.000	0	0	0.000	0	0	93.0	0.0	0.000	0.00	0.00	0.00	0.00		
1207	42	Power Savings Blitz	Business	2009	Preliminary	110	43) From: Authorized Contractor Program (ACP) to: Work Order cost <=\$500 (Labour and materials) - Food Service Sector	0.000	0	0	0.000	0	0	93.0	0.0	0.000	0.00	0.00	0.00	0.00		
1208	42	Power Savings Blitz	Business	2009	Preliminary	111	44) From: Contractor (Non-Classified Locations) to: First 10 devices or fraction thereof - Office Sector	0.000	0	0	0.000	0	0	93.0	0.0	0.000	0.00	0.00	0.00	0.00		
1209	42	Power Savings Blitz	Business	2009	Preliminary	112	45) From: Contractor (Non-Classified Locations) to: First 10 devices or fraction thereof - Office Sector	0.000	0	0	0.000	0	0	93.0	0.0	0.000	0.00	0.00	0.00	0.00		
1210	42	Power Savings Blitz	Business	2009	Preliminary	113	46) From: 4 Lamps 8 'T12-75W-Magnetic Ballasts to: 4 - 4' 32 watt lamps + reflector with 90% ballast factor T8-Electronic Ballast - Food Service Sector	0.118	866	12,730	0.110	805	11,830	93.0	14.7	0.000	0.00	0.00	0.00	0.00		
1211	42	Power Savings Blitz	Business	2009	Preliminary	114	47) From: Contractor (Non-Classified Locations) - Minimum fee if the total fee for the application for inspection is less than \$71 to: - Food Service Sector	0.000	0	0	0.000	0	0	93.0	0.0	0.000	0.00	0.00	0.00			
1212	42	Power Savings Blitz	Business	2009	Preliminary	115	48) From: 2 Lamps 8 'T12-75W-Magnetic Ballasts to: 2 - 8' lamps with 90% ballast factor T8-Electronic Ballast - Food Service Sector	0.061	446	6,556	0.057	415	6,097	93.0	14.7	4,000	0.24	1,782	26,198	0.23	1,667	24,364
1213	42	Power Savings Blitz	Business	2009	Preliminary	116	49) From: 4 Lamps 8 'T12-34W-Magnetic Ballasts to: 4 - 8' lamps with 2 electronic ballasts of 90% ballast factor T8-Electronic Ballast - Food Service Sector	0.118	866	12,730	0.110	805	11,839	93.0	14.7	0.000	0.00	0.00	0.00	0.00		
1214	42	Power Savings Blitz	Business	2009	Preliminary	117	50) From: 2 Lamps 8 'T12-75W-Magnetic Ballasts to: 2 - 8' 59watt lamps + reflector with 90% ballast factor T8-Electronic Ballast - Food Service Sector	0.061	446	6,556	0.057	415	6,097	93.0	14.7	0.000	0.00	0.00	0.00	0.00		
1215	42	Power Savings Blitz	Business	2009	Preliminary	118	51) From: 4 Lamps 8 'T12-60W-Magnetic Ballasts to: 4 - 8' lamps with 2 electronic ballasts of 90% ballast factor T8-Electronic Ballast - Food Service Sector	0.118	866	12,730	0.110	805	11,839	93.0	14.7	0.000	0.00	0.00	0.00	0.00		
1216	42	Power Savings Blitz	Business	2009	Preliminary	119	52) From: 2 Lamps 4 'T8-32W-Magnetic Ballasts to: 2 - 4' 25 watt lamps with electronic ballasts T8-Electronic Ballast - Food Service Sector	0.017	124	1,823	0.016	115	1,695	93.0	14.7	0.000	0.00	0.00	0.00	0.00		
1217	42	Power Savings Blitz	Business	2009	Preliminary	120	53) From: 4 High Output Lamps High Output T12-Magnetic Ballasts to: 4 - 4' High Output T8 lamps with electronic ballasts High Output T8-Electronic Ballast - Food Service Sector	0.028	204	1,823	0.026	190	1,695	93.0	14.7	0.000	0.00	0.00	0.00	0.00		
1219	42	Power Savings Blitz	Business	2009	Preliminary	122	55) From: 175W Metal Halide Metal Halide to: 1 - 150W Metal Halide Direct Lamp replacement Metal Halide Direct Lamp Replacement - Food Service Sector	0.021	155	1,845	0.020	144	1,715	93.0	11.9	0.000	0.00	0.00	0.00	0.00		
1220	42	Power Savings Blitz	Business	2009	Preliminary	123	56) From: 400W Metal Halide Metal Halide to: 1 - 350W Metal Halide Direct Lamp replacement Metal Halide Direct Lamp Replacement - Food Service Sector	0.042	309	3,675	0.039	287	3,420	93.0	11.9	0.000	0.00	0.00	0.00	0.00		
1221	42	Power Savings Blitz	Business	2009	Preliminary	124	57) From: 2 Lamps 8 'T12-75W-Magnetic Ballasts to: 2 - 8' lamps with either 32 watt ballast of 80% ballast factor or 25 watt lamps T8-Electronic Ballast - Office Sector	0.116	854	12,554	0.108	794	11,615	93.0	14.7	0.000	0.00	0.00	0.00	0.00		
1222	42	Power Savings Blitz	Business	2009	Preliminary	125	58) From: 400W Metal Halide Metal Halide to: 6 - 4' Lamps with either 32 watt ballast of 80% ballast factor or 25 watt lamps T8-Electronic Ballast - Office Sector	0.195	1,436	21,109	0.181	1,335	19,632	93.0	14.7	0.000	0.00	0.00	0.00	0.00		
1223	42	Power Savings Blitz	Business	2009	Preliminary	126	59) From: 400W Standard Incandescent (A Lamp) to: 11W ENERGY STAR® rated CFL New Fixture (2-pin /4-pin base socket) - Food Service Sector	0.024	179	412	0.022	166	383	93.0	2.3	0.000	0.00	0.00	0.00	0.00		
1224	42	Power Savings Blitz	Business	2009	Preliminary	127	60) From: 400W Standard Incandescent (A Lamp) to: 11W ENERGY STAR® rated CFL New Fixture (2-pin /4-pin base socket) - Food Service Sector	0.024	179	412	0.022	166	383	93.0	2.3	0.000	0.00	0.00	0.00	0.00		
1225	42	Power Savings Blitz	Business	2009	Preliminary	128	61) From: 100W Standard Incandescent (A Lamp) to: 23W ENERGY STAR® rated CFL New Fixture (2-pin /4-pin base socket) - Food Service Sector	0.065	476	1,995	0.060	443	1,918	93.0	2.3	0.000	0.00	0.00	0.00	0.00		
1226	42	Power Savings Blitz	Business	2009	Preliminary	129	62) From: 150W Standard Incandescent (A Lamp) to: 28W ENERGY STAR® rated CFL New Fixture (2-pin /4-pin base socket) - Food Service Sector	0.103	756	1,737	0.096	702	1,615	93.0	2.3	0.000	0.00	0.00	0.00	0.00		

#	Initiative Number	Initiative Name	Program Name	Program Year	Results Status	#	Measure Name	Gross Summer Peak Demand Savings (kW)	Gross Annual Energy Savings (kWh)	Gross Lifetime Energy Savings (kWh)	Net Summer Peak Demand Savings		Net Annual Energy Savings		Net Lifetime Energy Savings (kWh)	Aggregate Net-to-Gross Adjustment (%)	Effective Useful Life (EUL)	Activity Results (#)	Gross Summer Peak Demand Savings (kW)	Gross Annual Energy Savings (kWh)	Province Wide Results		
											(kW)	(kWh)	(kWh)	(kWh)							Net Summer Peak Demand Savings (kW)	Net Annual Energy Savings (kWh)	Net Lifetime Energy Savings (kWh)
1327	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	29	HighMedBayT8_Eight - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.242	2,120	42,398	0.099	869	17,383	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1328	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	30	T5Fixture_1Lamp - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.018	155	3,095	0.007	63	1,269	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1329	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	31	T5Fixture_2Lamps - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.026	225	4,497	0.011	92	1,844	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1330	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	32	T5Fixture_3Lamps - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.039	342	6,833	0.016	140	2,801	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1331	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	33	T5Fixture_HOILamp - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.017	146	2,920	0.007	60	1,197	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1332	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	34	T5Fixture_HO2Lamp - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.028	248	4,964	0.011	102	2,035	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1333	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	35	T5MedHighFixture_4Lamp - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.159	1,393	27,857	0.065	571	11,421	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1334	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	36	T5MedHighFixture_8Lamp - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.155	1,358	27,156	0.064	527	11,134	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1335	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	37	T5MedHighFixture_8Lamp - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.242	2,120	42,398	0.099	869	17,383	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1336	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	38	T5MedHighFixture_10Lamp - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.314	2,751	55,013	0.129	1,128	22,555	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1337	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	39	T5MedHighFixture_12Lamp - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.428	3,749	74,986	0.175	1,537	30,744	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1338	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	40	PulseStart_MetalHalide - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.056	491	9,811	0.023	201	4,023	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1339	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	41	Infrared-Halogen_25W - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.015	131	2,628	0.006	54	1,077	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1340	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	42	Infrared-Halogen_25-35W - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.015	131	2,628	0.006	54	1,077	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1341	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	43	Infrared-Halogen_35-40W - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.020	175	3,504	0.008	72	1,437	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1342	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	44	Infrared-Halogen_40-60W - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.020	175	3,504	0.008	72	1,437	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1343	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	45	Self-BalastedMetalHalide120W - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.096	841	16,819	0.039	345	6,986	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1344	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	46	Self-BalastedMetalHalide150W - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.026	228	4,555	0.011	93	1,866	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1345	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	47	MetalHalide_150W - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.025	219	4,380	0.010	90	1,796	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1346	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	48	MetalHalide_360W - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.040	350	7,008	0.026	144	2,873	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1347	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	49	HighPressure_225W - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.025	219	4,380	0.010	90	1,796	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1348	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	50	ElectBallast_MetalHalide200W - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.128	1,121	22,426	0.052	460	9,194	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1349	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	51	ElectBallast_MetalHalide250-360W - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.226	1,980	39,595	0.093	812	16,234	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1350	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	52	ElectBallast_HighPress200W - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.065	569	11,378	0.026	219	4,380	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1351	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	53	ElectBallast_HighPress250W - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.055	482	9,636	0.023	198	3,951	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1352	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	54	ElectBallast_HighPress400W - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.075	657	13,140	0.031	269	5,387	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1353	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	55	ElectBallast_HighPress600W - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.081	710	14,191	0.033	291	5,818	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1354	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	56	ElectBallast_HighPress100W - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.005	43	864	0.003	341	6,824	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1355	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	57	ElectBallast_HighPress100W - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.090	788	15,768	0.037	323	6,465	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1356	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	58	OccSen_SwitchPlate - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.090	788	15,768	0.037	323	6,465	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1357	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	59	OccSen_CeilingMounted - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.090	788	15,768	0.037	323	6,465	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1358	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	60	TempControls_InSuteHeat - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.076	661	13,219	0.031	270	5,401	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1359	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	61	TempControls_InSuteCool - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.076	661	13,219	0.031	270	5,401	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1360	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	62	TempControls_Heat&Cool - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.076	661	13,219	0.031	270	5,401	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1361	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	63	ECM_AirFanRace - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.325	1,821	36,421	0.133	575	11,509	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1362	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	64	GroundSource_LowRise - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.120	-1,486	-29,716	0.049	609	-12,184	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1363	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	65	GroundSource_HighRise - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.505	1,385	27,710	0.207	568	11,361	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1364	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	66	GroundSource_Average - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.313	-50	-1,000	0.128	21	-410	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1365	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	67	Non-ElectricChillers - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	1.350	1,620	32,400	0.554	664	13,284	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1366	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	68	EnergyStar_Washer - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.000	0.00	0.00	0.000	0.00	0.00	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1367	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	69	NaturalGasDryer - InSute - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.000	0.00	0.00	0.000	0.00	0.00	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1368	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	70	NaturalGasDryer - Common - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.000	0.00	0.00	0.000	0.00	0.00	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1369	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	71	EnergyStar_DishWasher - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.000	0.00	0.00	0.000	0.00	0.00	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1370	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	72	EnergyStar_Fridge - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.007	69	1,376	0.003	28	564	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1371	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	73	EnergyStar_CeilingFan - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.000	0.00	0.00	0.000	0.00	0.00	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1372	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	74	Non-ElectricWaterHeater - Corridor / Parking Area Energy Savings application - Multi-Unit Residential Building sector	0.600	1,020	20,400	0.246	418	8,364	41.0	20.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
1373	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income																				

#	Initiative Number	Initiative Name	Program Name	Program Year	Results Status	#	Measure Name	Gross Summer Peak Demand Savings (kW)	Gross Annual Energy Savings (kWh)	Gross Lifetime Energy Savings (kWh)	Net Summer Peak Demand Savings (kW)	Net Annual Energy Savings (kWh)	Net Lifetime Energy Savings (kWh)	Aggregate Net-to-Gross Adjustment (%)	Effective Useful Life (EUL)	Province Wide Results							
																Activity Results (#)	Gross Summer Peak Demand Savings (kW)	Gross Annual Energy Savings (kWh)	Gross Lifetime Energy Savings (kWh)	Net Summer Peak Demand Savings (kW)	Net Annual Energy Savings (kWh)	Net Lifetime Energy Savings (kWh)	
1475	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	177	RWHIGH8Fixtures_Two - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.030	131	2,626	0.012	54	1,076	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1476	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	178	RWHIGH8Fixtures_Three - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.045	200	4,005	0.018	82	1,642	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1477	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	179	RWHIGH8Fixtures_Four - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.063	236	4,717	0.022	97	1,934	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1478	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	180	RWHIGH8Fixtures_Five - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.150	668	13,350	0.062	274	5,474	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1479	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	181	MedBayT8_Six - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.228	1,015	20,292	0.093	416	8,320	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1480	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	182	MedBayT8_Eight - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.197	877	17,533	0.081	359	7,189	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1481	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	183	HighMedBayT8_Four - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.170	757	15,130	0.070	310	6,203	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1482	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	184	HighMedBayT8_Six - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.239	1,064	21,271	0.096	436	8,721	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1483	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	185	HighMedBayT8_Eight - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.242	1,077	21,538	0.099	442	8,831	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1484	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	186	TSFixture_1Lamp - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.018	79	1,572	0.007	32	645	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1485	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	187	TSFixture_2Lamps - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.026	114	2,284	0.011	47	937	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1486	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	188	TSFixture_3Lamps - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.039	174	3,471	0.016	71	1,423	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1487	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	189	TSFixture_HOILamp - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.017	74	1,483	0.007	30	608	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1488	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	190	TSFixture_HOILamp - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.028	126	2,522	0.011	52	1,034	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1489	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	191	TSMedHighFixture_4Lamp - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.159	708	14,151	0.065	290	5,802	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1490	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	192	TSMedHighFixture_6Lamp - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.155	690	13,795	0.064	283	5,656	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1491	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	193	TSMedHighFixture_8Lamp - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.242	1,077	21,538	0.099	442	8,831	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1492	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	194	TSMedHighFixture_10Lamp - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.314	1,397	27,946	0.129	573	11,456	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1493	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	195	TSMedHighFixture_12Lamp - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.428	1,905	38,092	0.175	781	15,618	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1494	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	196	PulseStart_MetalHalide - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.056	249	4,984	0.023	102	2,043	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1495	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	197	InfraredHalogen_25W - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.015	67	1,335	0.006	27	547	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1496	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	198	InfraredHalogen_26-36W - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.020	89	1,780	0.008	36	730	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1497	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	199	InfraredHalogen_36-48W - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.020	89	1,780	0.008	36	730	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1498	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	200	InfraredHalogen_49-60W - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.020	89	1,780	0.008	36	730	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1499	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	201	Self-BalastedMetalHalide120W - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.026	116	2,314	0.011	47	940	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1500	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	202	Self-BalastedMetalHalide50W - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.026	116	2,314	0.011	47	940	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1501	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	203	MetalHalide_150W - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.025	111	2,225	0.010	46	912	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1502	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	204	MetalHalide_360W - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.040	178	3,560	0.016	73	1,460	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1503	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	205	HighPressure_225W - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.025	111	2,225	0.010	46	912	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1504	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	206	ECeBallast_MetalHde200-W - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.060	289	5,785	0.025	119	2,372	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1505	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	207	ECeBallast_MetalHde250-360W - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.128	570	11,392	0.052	234	4,671	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1506	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	208	ECeBallast_MetalHde400W - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.180	804	16,080	0.075	334	6,675	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1507	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	209	ECeBallast_HighPress200-W - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.040	178	3,560	0.016	73	1,460	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1508	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	210	ECeBallast_HighPress250W - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.055	245	4,895	0.023	100	2,007	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1509	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	211	ECeBallast_HighPress400W - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.075	334	6,675	0.031	137	2,737	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1510	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	212	ECeBallast_HighPress600W - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.091	405	8,095	0.039	157	3,139	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1511	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	213	ECeBallast_HighPress1000W - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.095	423	8,455	0.039	173	3,467	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1512	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	214	OccSen_SwitchPlate - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.090	401	8,010	0.037	164	3,284	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1513	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	215	OccSen_CeilingMounted - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.090	401	8,010	0.037	164	3,284	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1514	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	216	TempControls_InSuiteHeat - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.050	0	0	0.021	0	0	0	41.0	20.0	0.000	0.00	0	0	0.00	0	0
1515	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	217	TempControls_InSuiteCool - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.076	0	0	0.031	0	0	0	41.0	20.0	0.000	0.00	0	0	0.00	0	0
1516	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	218	TempControls_Heat&Cool - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.076	0	0	0.031	0	0	0	41.0	20.0	0.000	0.00	0	0	0.00	0	0
1517	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	219	ECM_AirFurnace - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.325	1,358	27,156	0.133	592	11,842	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1518	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	220	GroundSource_LowRise - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.120	-1,486	-29,716	0.049	609	-12,184	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1519	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	221	GroundSource_HighRise - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.505	1,985	27,710	0.207	966	11,361	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1520	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	222	GroundSource_Average - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.081	304	6,081	0.033	127	2,540	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1521	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	223	Non-ElectrChillers - Retail / Common Area Savings application - Multi-Unit Residential Building sector	1.350	1,620	32,400	0.554	664	13,284	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1522	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	224	EnergyStarWasher - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.000	0	0	0.000	0	0	0	41.0	20.0	0.000	0.00	0	0	0.00	0	0
1523	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	225	NaturalGasDryer - InSuite - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.000	0	0	0.000	0	0	0	41.0	20.0	0.000	0.00	0	0	0.00	0	0
1524	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	226	NaturalGasDryer - Common - Corridor / Parking Area Energy Savings application - Low-Income sector	0.000	0	0	0.000	0	0	0	41.0	20.0	0.000	0.00	0	0	0.00	0	0
1525	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	227	EnergyStar_DishWasher - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.000	0	0	0.000	0	0	0	41.0	20.0	0.000	0.00	0	0	0.00	0	0
1526	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	228	EnergyStar_Fridge - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.007	69	1,376	0.003	28	564	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1527	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	229	EnergyStar_CeilingFan - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.000	0	0	0.000	0	0	0	41.0	20.0	0.000	0.00	0	0	0.00	0	0
1528	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	230	Non-ElectrWaterHeater - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.016	96	1,912	0.007	39	784	41.0	20.0	0.000	0.00	0	0	0.00	0	0	
1529	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	231	SolarHotWaterCollector - Retail / Common Area Savings application - Multi-Unit Residential Building sector	0.600	1,020	20,400	0.246	418	8,364	41.0									

#	Initiative Number	Initiative Name	Program Name	Program Year	Results Status	#	Measure Name	Unit Savings Assumptions						Aggregate Net-to-Gross (%)	Effective Useful Life (EUL)	Province Wide Results									
								Gross Summer Peak Demand Savings (kW)	Gross Annual Energy Savings (kWh)	Gross Lifetime Energy Savings (kWh)	Net Summer Peak Demand Savings (kW)	Net Annual Energy Savings (kWh)	Net Lifetime Energy Savings (kWh)			Activity Results (#)	Gross Summer Peak Demand Savings (kW)	Gross Annual Energy Savings (kWh)	Gross Lifetime Energy Savings (kWh)	Net Summer Peak Demand Savings (kW)	Net Annual Energy Savings (kWh)	Net Lifetime Energy Savings (kWh)			
1623	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	325	DimmNonDimmCL4-pr39W - Suite Savings application - Low-Income sector	0.072	108	2,160	0.050	76	1,512	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
1624	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	326	DimmCL4_0-16W - Suite Savings application - Low-Income sector	0.044	66	1,320	0.031	46	924	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
1625	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	327	DimmCL4_17-20W - Suite Savings application - Low-Income sector	0.060	90	1,800	0.042	63	1,260	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
1626	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	328	DimmCL4_21-24W - Suite Savings application - Low-Income sector	0.071	107	2,130	0.050	75	1,491	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1627	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	329	StandardT8_Single - Suite Savings application - Low-Income sector	0.019	29	570	0.013	20	399	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1628	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	330	StandardT8_Two - Suite Savings application - Low-Income sector	0.027	40	795	0.019	28	557	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1629	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	331	StandardT8_Three - Suite Savings application - Low-Income sector	0.045	68	1,350	0.032	47	945	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1630	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	332	StandardT8_Four - Suite Savings application - Low-Income sector	0.050	75	1,500	0.035	53	1,050	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1631	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	333	RWHIGHFixtures_Single - Suite Savings application - Low-Income sector	0.021	32	630	0.015	22	441	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1632	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	334	RWHIGHFixtures_Two - Suite Savings application - Low-Income sector	0.030	44	885	0.021	31	620	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1633	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	335	RWHIGHFixtures_Three - Suite Savings application - Low-Income sector	0.045	68	1,350	0.032	47	945	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1634	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	336	RWHIGHFixtures_Four - Suite Savings application - Low-Income sector	0.053	80	1,590	0.037	56	1,113	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1635	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	337	SdMedBayT8_Four - Suite Savings application - Low-Income sector	0.150	0	0	0.150	0	0	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1636	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	338	MedBayT8_Six - Suite Savings application - Low-Income sector	0.228	0	0	0.160	0	0	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1637	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	339	MedBayT8_Eight - Suite Savings application - Low-Income sector	0.197	0	0	0.138	0	0	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1638	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	340	HighMedBayT8_Four - Suite Savings application - Low-Income sector	0.170	0	0	0.119	0	0	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1639	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	341	HighMedBayT8_Six - Suite Savings application - Low-Income sector	0.239	0	0	0.167	0	0	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1640	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	342	HighMedBayT8_Eight - Suite Savings application - Low-Income sector	0.242	0	0	0.168	0	0	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1641	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	343	15Fixture_1Lamp - Suite Savings application - Low-Income sector	0.018	27	530	0.013	19	371	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1642	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	344	15Fixture_2Lamps - Suite Savings application - Low-Income sector	0.026	39	770	0.018	27	539	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1643	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	345	15Fixture_3Lamps - Suite Savings application - Low-Income sector	0.039	59	1,170	0.027	41	819	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1644	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	346	15Fixture_HOILamp - Suite Savings application - Low-Income sector	0.028	43	860	0.020	30	595	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1645	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	347	15Fixture_HO2Lamp - Suite Savings application - Low-Income sector	0.028	43	860	0.020	30	595	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1646	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	348	15MedHighFixture_4Lamp - Suite Savings application - Low-Income sector	0.159	0	0	0.111	0	0	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1647	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	349	15MedHighFixture_6Lamp - Suite Savings application - Low-Income sector	0.155	0	0	0.109	0	0	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1648	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	350	15MedHighFixture_8Lamp - Suite Savings application - Low-Income sector	0.242	0	0	0.169	0	0	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1649	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	351	15MedHighFixture_10Lamp - Suite Savings application - Low-Income sector	0.314	0	0	0.220	0	0	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1650	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	352	15MedHighFixture_12Lamp - Suite Savings application - Low-Income sector	0.428	0	0	0.300	0	0	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1651	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	353	PulseStart_MetalHalide - Suite Savings application - Low-Income sector	0.050	29	580	0.039	26	526	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1652	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	354	InfraredHalogen_25W - Suite Savings application - Low-Income sector	0.015	23	450	0.011	16	315	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1653	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	355	InfraredHalogen_36-48W - Suite Savings application - Low-Income sector	0.015	23	450	0.011	16	315	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1654	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	356	InfraredHalogen_49-60W - Suite Savings application - Low-Income sector	0.020	30	600	0.014	21	420	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1655	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	357	InfraredHalogen_49-60W - Suite Savings application - Low-Income sector	0.020	30	600	0.014	21	420	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1656	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	358	Self-BalastedMetalHalide120W - Suite Savings application - Low-Income sector	0.096	144	2,880	0.067	101	2,016	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1657	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	359	Self-BalastedMetalHalide50W - Suite Savings application - Low-Income sector	0.026	39	780	0.018	27	546	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1658	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	360	MetalHalide_150W - Suite Savings application - Low-Income sector	0.040	60	1,200	0.028	42	840	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1659	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	361	MetalHalide_360W - Suite Savings application - Low-Income sector	0.040	60	1,200	0.028	42	840	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1660	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	362	HighPressure_225W - Suite Savings application - Low-Income sector	0.025	38	750	0.018	26	525	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1661	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	363	ElectBallast_MetalHalide200W - Suite Savings application - Low-Income sector	0.128	192	3,840	0.090	134	2,688	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1662	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	364	ElectBallast_MetalHalide250-360W - Suite Savings application - Low-Income sector	0.128	192	3,840	0.090	134	2,688	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1663	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	365	ElectBallast_MetalHalide400+W - Suite Savings application - Low-Income sector	0.226	339	6,780	0.158	237	4,746	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
1664	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	2009	Preliminary	366	ElectBallast_HighPress200W - Suite Savings application - Low-Income sector	0.040	60	1,200	0.028	42	840	70.0	20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1665	43	Multi-Family Energy Efficiency Rebates	Business, Consumer Low-Income	20																					

#	Initiative Number	Initiative Name	Program Name	Program Year	Results Status	#	Measure Name	Unit Savings Assumptions								Province Wide Results							
								Gross Summer Peak Demand Savings (kW)	Gross Annual Energy Savings (kWh)	Gross Lifetime Energy Savings (kWh)	Net Summer Peak Demand Savings (kW)	Net Annual Energy Savings (kWh)	Net Lifetime Energy Savings (kWh)	Aggregate Net-to-Gross Adjustment (%)	Effective Useful Life (EUL)	Activity Results (#)	Gross Summer Peak Demand Savings (kW)	Gross Annual Energy Savings (kWh)	Gross Lifetime Energy Savings (kWh)	Net Summer Peak Demand Savings (kW)	Net Annual Energy Savings (kWh)	Net Lifetime Energy Savings (kWh)	
1771	46	Demand Response 3	Business, Industrial	2009	Preliminary	1	Contractual Load Shedding Project	Custom	Custom	Custom	Custom	Custom	Custom	100.0	5.0	0.181	174.50	0	0	174.50	0	0	0
1772	47	Electricity Resources Demand Response	Business, Industrial	2009	Preliminary	1	Rodan Contract	2,810.000	0	0	2,810.000	0	0	100.0	3.0	0.002	5.77	0	0	5.77	0	0	0
1773	47	Electricity Resources Demand Response	Business, Industrial	2009	Preliminary	2	Loblaw Contract	0.000	0	0	0.000	0	0	100.0	2.0	0.000	0.00	0	0	0.00	0	0	0
1774	48	LDC Custom - Thunder Bay Hydro - Phantom Load	Consumer	2009	Preliminary	1	Power Bar with Integrated Timer	0.006	72	724	0.004	51	597	70.9	10.0	0.000	0.00	0	0	0.00	0	0	0
1775	49	LDC Custom - Toronto Hydro - Summer Challenge	Consumer	2009	Preliminary	1	Households	0.000	401	401	0.000	281	281	70.0	1.0	0.000	0.00	0	0	0.00	0	0	0



# **CURRENT TARIFF OF RATES AND CHARGES**



**EB-2009-0236**

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

**AND IN THE MATTER OF** an application by Midland  
Power Utility Corporation for an order or orders approving  
or fixing just and reasonable distribution rates and other  
charges, to be effective May 1, 2010.

**BEFORE:** Paul Vlahos  
Presiding Member

## **DECISION AND ORDER**

### **Introduction**

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

Midland is one of about 80 electricity distributors in Ontario that are regulated by the Board. In 2008, the Board announced the establishment of a new multi-year electricity distribution rate-setting plan, the 3<sup>rd</sup> Generation Incentive Rate Mechanism (“IRM”) process, that will be used to adjust electricity distribution rates starting in 2009 for those distributors whose 2008 rates were rebased through a cost of service review.

As part of the plan, Midland is one of the electricity distributors that will have its rates adjusted for 2010 on the basis of the IRM process, which provides for a mechanistic and formulaic adjustment to distribution rates and charges between cost of service applications.

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

Notice of Midland's rate application was given through newspaper publication in Midland's service area advising interested parties where the rate application could be viewed and advising how they could intervene in the proceeding or comment on the application. There were no intervention requests and no comments were received. Board staff participated in the proceeding. The Board proceeded by way of a written hearing.

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

- Price Cap Index Adjustment;
- Changes in the Federal and Provincial Income Tax Rates;

- Harmonized Sales Tax;
- Smart Meter Funding Adder;
- Revenue-to-Cost Ratios;
- Retail Transmission Service Rates;
- Review and Disposition of Group 1 Deferral and Variance Accounts; and
- Introduction of MicroFIT Generator Service Classification and Rate.

### **Price Cap Index Adjustment**

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

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

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

- Rate Riders;
- Rate Adders;
- Low Voltage Service Charges;
- Retail Transmission Service Rates;
- Wholesale Market Service Rate;

- Rural Rate Protection Charge;
- Standard Supply service – Administrative Charge;
- Transformation and Primary Metering Allowances;
- Loss Factors;
- Specific Service Charges; and
- Retail Service Charges.

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

On December 13, 2007, the Ontario government introduced its 2007 Ontario Economic Outlook and Fiscal Review (the “Fiscal Review”). The enabling legislation received Royal Assent on May 14, 2008. Included in this Fiscal Review were changes to the Ontario capital tax provisions<sup>1</sup>, and an increase in the small business income limit from \$400,000 to \$500,000 effective January 1, 2007.

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

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

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

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

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

The Board is of the view that these tax changes when combined could be material and should be passed on to ratepayers using a 50/50 sharing as determined by the Board in the Reports. However, the Board's rate model indicates that Midland's tax sharing amount is a refund of \$1,231. This amount when unitized using Midland's volumetric billing determinants results in \$(0.0000) energy-based kWh rate riders when rounded to four decimal places. Accordingly, the Board finds that this amount be recorded in Midland's variance account 1595 for disposition in a future rate proceeding.

## Harmonized Sales Tax

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

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

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

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

Midland commented that this process would be administratively onerous.

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

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

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

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

### **Smart Meter Funding Adder**

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

As set out in the Smart Meter Guideline, a distributor that plans to implement smart meters in the rate year must include, as part of the application, evidence that the distributor is authorized to conduct smart meter activities in accordance with applicable law.



Midland requested to change its standard smart meter funding adder of \$1.00 per metered customer per month to a utility-specific smart meter funding adder of \$2.00 per metered customer per month. The Board approves the funding adder as proposed by Midland. This new funding adder will be reflected in the Tariff of Rates and Charges. Midland's variance accounts for smart meter program implementation costs, previously authorized by the Board, shall also be continued.

The Board notes that the smart meter funding adder of \$2.00 per metered customer per month is intended to provide funding for Midland's smart metering activities in the 2010 rate year. The Board has not made any finding on the prudence of the proposed smart meter activities, including any costs for smart meters or advanced metering infrastructure whose functionality exceeds the minimum functionality adopted in O. Reg. 425/06, or costs associated with functions for which the Smart Metering Entity has the exclusive authority to carry out pursuant to O. Reg. 393/07. Such costs will be considered at the time that Midland applies for the recovery of these costs.

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

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

The Board's Decision (EB-2008-0236) for Midland's 2009 cost of service rate application prescribed a phase-in period to adjust its revenue-to-cost ratios. Midland proposed to adjust its revenue-to-cost ratios as shown in Column 2 in the table below.

**Midland's Revenue-to-Cost Ratios (%)**

<b>Rate Class</b>	<b>2009 Ratio</b> Column 1	<b>Proposed 2010 Ratio</b> Column 2	<b>Target Range</b> Column 3
Residential	115.00	113.09	85 - 115
General Service Less Than 50 kW	105.00	105.00	80 - 120
General Service 50 to 4,999 kW	83.00	83.00	80 - 180
Unmetered Scattered Load	120.00	120.00	80 - 120
Sentinel Lighting	49.00	70.00	70 - 120
Street Lighting	49.00	70.00	70 - 120

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

**Retail Transmission Service Rates**

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

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

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

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

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

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

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

Midland proposed to change the existing RTS rates by the same proportions as the changes in the UTRs noted above effective July 1, 2009. Therefore, Midland has proposed to increase all of its RTS Network Rates by 3.5%, and decrease all of its RTS Connection Rates by 2.2%. However, in its reply submission, Midland agreed with

Board staff that the RTSR rates should reflect the January 1, 2010 UTRs.

The Board notes that very few distributors, including Midland, included in their 2009 rates the July 1, 2009 level of UTRs since for most of them distribution rates would have been implemented on May 1, 2009. The Board also notes that Midland agreed to reflect the January 1, 2010 UTRs. Therefore, in accordance with the July 22, 2009 RTSR Guideline, the Board finds that the revisions to the RTSRs ought to reflect the changes from the current level (i.e. rate in effect prior to July 1, 2009) over the January 1, 2010 level. This represents an increase of about 15.6% to the RTSR Network Service rate, and an increase of about 5.2% to the RTSR Line and Transformation Connection Service Rate. The Board will reflect these findings in Midland's draft Rate Order.

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

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

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

#### **(i) Balances**

Midland has requested that the Board review and approve the disposition of the December 31, 2008 Group 1 account balances as defined by the EDDVAR Report since the preset disposition threshold of \$0.001 per kWh was exceeded. The combined total of Group 1 account balance is a credit of \$255,915, which includes a debit balance of \$28,447 in the 1588 global adjustment sub-account. (Credit balances are amounts

payable to customers and debit balances are amounts recoverable from customers). Midland has included interest on these account balances using the Board's prescribed interest rates to April 30, 2010. Midland's account balances as at December 31, 2008, plus projected carrying charges to April 30, 2010, are shown below.

<b>Account Description</b>	<b>Account Number</b>	<b>Principal Amounts A</b>	<b>Interest Amounts B</b>	<b>Total Claim C = A + B</b>
LV Variance Account	1550	189,596	2,241	191,837
RSVA - Wholesale Market Service Charge	1580	(115,604 )	591	(115,014 )
RSVA - Retail Transmission Network Charge	1584	118,772	654	119,425
RSVA - Retail Transmission Connection Charge	1586	(617,716 )	(8,138 )	(625,854 )
RSVA - Power (Excluding Global Adjustment)	1588	166,057	(636 )	165,421
RSVA - Power (Global Adjustment Sub-account)	1588	25,055	3,392	28,447
Recovery of Regulatory Asset Balances	1590	(532,971 )	512,793	(20,178 )
		<u>(766,812 )</u>	<u>510,897</u>	<u>(255,915 )</u>

In response to an interrogatory from Board staff, Midland stated that it had reviewed the Regulatory Audit & Accounting Bulletin 200901 and confirmed that it had accounted for its Account 1588 RSVA power and global adjustment sub-account in accordance with this Bulletin. Board staff noted that the proposed balances for disposition may no longer reconcile with previously audited balances nor with Midland's Reporting and Record-keeping Requirements ("RRR") filings. Board staff indicated that its review of the balances showed that the differences between the applied for account balances and the previously audited balances were not material.

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

**(ii) *Disposition***

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

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

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

Subsequent to the issuance of the EDDVAR Report, exogenous events have resulted in increased balances in the global adjustment sub-account for most electricity distributors. Board staff suggested that the Board may wish to consider establishing a separate rate rider for the disposition of the global adjustment sub-account balance enabling the prospective recovery solely from non-RPP customers, as this would be more reflective of cost causality since it was that group of customers that was undercharged by the distributor in the first place. Alternatively, Board staff suggested that the Board may wish to consider the recovery of the allocated global adjustment sub-account balance from all customers in each class, as this approach would recognize the customer migration that might occur both away from the non-RPP customer group and into the non-RPP customer group.

Midland agreed in principle with Board staff that the establishment of a separate rate rider that would be prospectively applied to non-RPP customers would be more reflective of cost causality. Midland however noted that customer migration would remain an issue.

Midland also indicated that its current billing system could not readily accommodate a separate rate rider that would apply prospectively to non-RPP customers to dispose of the global adjustment sub-account. Midland also indicated that incremental costs would need to be incurred to effect these modifications to its current billing system. Midland suggested that the global adjustment sub-account be collected from the GS> 50 kW customer class on the basis that this class includes the vast majority of non-RPP customers.

While the Board agrees in principle with Board staff that a separate rate rider should apply to non-RPP customers to dispose of the global adjustment sub-account balance, the Board acknowledges that Midland does not readily have the billing capability to implement such a change. In the circumstances, the Board accepts Midland's proposal to collect the global adjustment from the GS>50 kW rate class.

Midland requested the disposition of its Group 1 account balance over a two-year period. Board staff noted that there might be benefit to dispose of the global adjustment sub-account balance over a relatively short period of time in order to reduce inter-generational inequities. Board staff submitted that a disposition period no longer than one year would be appropriate for all Group 1 account since these balances have been accumulating over the last four year period and to delay any immediate action would not be in the interest of all parties.

In its reply submission, Midland disagreed with Board staff. Midland noted that, in its 2009 cost of service of service proceeding (EB-2008-0236), the Board approved the disposition over a two-year period of its account balances as of December 31, 2007. The resulting rate rider from this cost of service proceeding will end on April 30, 2011.

Midland submitted that having one rate rider end in 2011 and the next rider end in 2012, as sought for approval in this proceeding, will reduce rate volatility as both of them are credits to its customers. Midland further submitted that a one-year disposition period would negatively impact its cash flows.

The Board accepts in principle Board staff's rationale for a disposition period of one year and adopts it subject to any compelling evidence that the disposition period should be lengthened. The Board finds that Midland's rationale for proposing to extend the disposition is reasonable and therefore approves a disposition period of two years in this case.

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

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

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

#### microFIT Generator

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

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



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

### **Rate Model**

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

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

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

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

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

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

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

**DATED** at Toronto, March 31, 2010

**ONTARIO ENERGY BOARD**

*Original signed by*

Kirsten Walli  
Board Secretary

**Appendix A**  
**To Decision and Order**  
**EB-2009-0236**  
**March 31, 2010**

**Midland Power Utility Corporation**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2010**  
**except for the microFIT Generator Class effective date of September 21, 2009**

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

EB-2009-0236

## RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to an account where energy is supplied to customers residing in residential dwelling units. Energy is generally supplied as a single phase, 3-wire, 60-Hertz, having a nominal voltage of 120/240 Volts and having only one Delivery Point per dwelling. For the purposes of calculating customer connection fees, the Basic Connection for Residential customers is defined as 100 amp 120/240 volt overhead service. A residential building is supplied at one service voltage per land parcel. Street Townhouses and Condominiums requiring centralization bulk metering are covered under General Service Classification. Further servicing details are available in the distributor's Conditions of Service.

## APPLICATION

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

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

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

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy and Infrastructure Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

## MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	11.66
Smart Meter Funding Adder	\$	2.00
Distribution Volumetric Rate	\$/kWh	0.0194
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Deferral/Variance Account Disposition (2009) – effective until April 30, 2011	\$/kWh	(0.0004)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2012	\$/kWh	(0.0007)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0054
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0046

## 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

**Midland Power Utility Corporation**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2010**  
**except for the microFIT Generator Class effective date of September 21, 2009**

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

EB-2009-0236

## GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to General Service Buildings requiring a connection with a connected load less than 50 kW, and, Townhouses and Condominiums that require centralized bulk metering. General Service buildings are defined as buildings that are used for purposes other than single-family dwellings. A General Service building is supplied at one voltage per land parcel. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy and Infrastructure Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	14.70
Smart Meter Funding Adder	\$	2.00
Distribution Volumetric Rate	\$/kWh	0.0154
Low Voltage Service Rate	\$/kWh	0.0013
Rate Rider for Deferral/Variance Account Disposition (2009) – effective until April 30, 2011	\$/kWh	(0.0005)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2012	\$/kWh	(0.0007)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0049
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042

### MONTHLY RATES AND CHARGES – Regulatory Component

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

**Midland Power Utility Corporation**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2010**  
**except for the microFIT Generator Class effective date of September 21, 2009**

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

EB-2009-0236

## GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to General Service customers requiring a connection with a connected load equal to or greater than 50 kW and less than 5,000 kW. A General Service building is supplied at one service voltage per land parcel. Depending on the location of the building Primary supplies to transformers and Customer owned Sub-Stations will be one of the following as determined by the Distributor:

- 2,400/4,160 volts 3 Phase 4Wire
- 4,800/8,320 volts 3 Phase 4 Wire
- 7,200/12,400 volts 3 Phase 4 Wire
- 8,000/13,800 volts 3 Phase 4 Wire
- 16,000/27,600 volts 3 Phase 4 Wire
- 44,000 Volts 3 Phase 3 Wire

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	\$	57.87
Smart Meter Funding Adder	\$	2.00
Distribution Volumetric Rate	\$/kW	2.9640
Low Voltage Service Rate	\$/kW	0.5012
Rate Rider for Global Adjustment Sub-Account Disposition – effective until April 30, 2012		
Applicable only for Non-RPP Customers	\$/kW	0.5548
Rate Rider for Deferral/Variance Account Disposition (2009) – effective until April 30, 2011	\$/kW	(0.2850)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2012	\$/kW	(0.2679)
Retail Transmission Rate – Network Service Rate	\$/kW	2.0433
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.6676

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013

Revised April 8, 2010

**Midland Power Utility Corporation**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2010**  
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Standard Supply Service – Administrative Charge (if applicable)

\$

EB-2009-0236  
0.25

**Midland Power Utility Corporation**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2010**  
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EB-2009-0236

## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per customer)	\$	24.48
Distribution Volumetric Rate	\$/kWh	0.0264
Low Voltage Service Rate	\$/kWh	0.0013
Rate Rider for Deferral/Variance Account Disposition (2009) – effective until April 30, 2011	\$/kWh	(0.0003)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2012	\$/kWh	(0.0006)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0049
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042

### MONTHLY RATES AND CHARGES – Regulatory Component

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



**Midland Power Utility Corporation**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2010**  
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EB-2009-0236

## 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)	\$	21.48
Distribution Volumetric Rate	\$/kW	38.0387
Low Voltage Service Rate	\$/kW	0.3864
Rate Rider for Deferral/Variance Account Disposition (2009) – effective until April 30, 2011	\$/kW	1.0618
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2012	\$/kW	(0.2190)
Retail Transmission Rate – Network Service Rate	\$/kW	1.5489
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3161

### 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

**Midland Power Utility Corporation**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2010**  
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EB-2009-0236

## **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 operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

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

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

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

Service Charge (per connection)	\$	3.69
Distribution Volumetric Rate	\$/kW	8.5358
Low Voltage Service Rate	\$/kW	0.3873
Rate Rider for Deferral/Variance Account Disposition (2009) – effective until April 30, 2011	\$/kW	(0.0205)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2012	\$/kW	(0.2368)
Retail Transmission Rate – Network Service Rate	\$/kW	1.5411
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2892

### **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

**Midland Power Utility Corporation**  
**TARIFF OF RATES AND CHARGES**  
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EB-2009-0236

## **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.

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

Service Charge	\$	5.25
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**Midland Power Utility Corporation**  
**TARIFF OF RATES AND CHARGES**  
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EB-2009-0236

**ALLOWANCES**

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

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

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

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

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Customer Administration		
Notification Charge	\$	15.00
Account history	\$	15.00
Returned Cheque charge (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
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
Disconnect/Reconnect at meter – after regular hours	\$	185.00
Disconnect/Reconnect at pole – during regular hours	\$	185.00
Disconnect/Reconnect at pole – after regular hours	\$	415.00
Specific Charge for Access to Power Poles \$/pole/year	\$	22.35
Install/Remove load control device – during regular hours	\$	65.00
Install/Remove load control device – after regular hours	\$	185.00
Temporary service install & remove – overhead – no transformer	\$	500.00
Temporary service install & remove – underground – no transformer	\$	300.00

**Midland Power Utility Corporation**  
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EB-2009-0236

## 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.

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It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy and Infrastructure Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

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

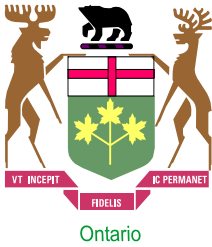
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing charge, per customer, per retailer	\$/cust.	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	1.0651
Total Loss Factor – Secondary Metered Customer > 5,000 kW	N/A
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0545
Total Loss Factor – Primary Metered Customer > 5,000 kW	N/A

**APPLIED FOR TARIFF OF RATES  
AND CHARGES**



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Applied For Monthly Rates and Charges

Rate Class

### Residential

Rate Description	Metric	Rate
Service Charge	\$	11.68
Service Charge Smart Meters	\$	2.00
Distribution Volumetric Rate	\$/kWh	0.0194
Low Voltage Volumetric Rate	\$/kWh	0.0015
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kWh	(0.00070)
Distribution Volumetric Def Var Disp 2011 – effective until Monday, April 30, 2012	\$/kWh	(0.00016)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSI)	\$/kWh	0.00180
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0056
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

### General Service Less Than 50 kW

Rate Description	Metric	Rate
Service Charge	\$	14.73
Service Charge Smart Meters	\$	2.00
Distribution Volumetric Rate	\$/kWh	0.0154

Low Voltage Volumetric Rate	\$/kWh	0.0013
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kWh	(0.00070)
Distribution Volumetric Def Var Disp 2011 – effective until Monday, April 30, 2012	\$/kWh	(0.00016)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSI)	\$/kWh	0.00050
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0051
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0041
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

**General Service 50 to 4,999 kW**

Rate Description	Metric	Rate
Service Charge	\$	57.97
Service Charge Smart Meters	\$	2.00
Distribution Volumetric Rate	\$/kW	2.9693
Low Voltage Volumetric Rate	\$/kW	0.5012
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kW	(0.26790)
Distribution Volumetric Def Var Disp 2011 – effective until Monday, April 30, 2012	\$/kW	(0.06339)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSI)	\$/kW	0.34590
Retail Transmission Rate – Network Service Rate	\$/kW	2.1107
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.6271
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

**Unmetered Scattered Load**

Rate Description	Metric	Rate
Service Charge (per Customer)	\$	24.52
Distribution Volumetric Rate	\$/kWh	0.0264
Low Voltage Volumetric Rate	\$/kWh	0.0013
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kWh	(0.00060)
Distribution Volumetric Def Var Disp 2011 – effective until Monday, April 30, 2012	\$/kWh	(0.00016)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSI)	\$/kWh	0.00440
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0051
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0041
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

**Sentinel Lighting**



Rate Description	Metric	Rate
Service Charge (per connection)	\$	21.52
Distribution Volumetric Rate	\$/kW	38.1072
Low Voltage Volumetric Rate	\$/kW	0.3864
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kW	(0.21900)
Distribution Volumetric Def Var Disp 2011 – effective until Monday, April 30, 2012	\$/kW	(0.04761)
Retail Transmission Rate – Network Service Rate	\$/kW	1.6000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2841
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

#### Rate Class

### Street Lighting

Rate Description	Metric	Rate
Service Charge (per connection)	\$	3.70
Distribution Volumetric Rate	\$/kW	8.5512
Low Voltage Volumetric Rate	\$/kW	0.3873
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kW	(0.23680)
Distribution Volumetric Def Var Disp 2011 – effective until Monday, April 30, 2012	\$/kW	(0.06010)
Retail Transmission Rate – Network Service Rate	\$/kW	1.5919
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2579
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## microFIT Generator

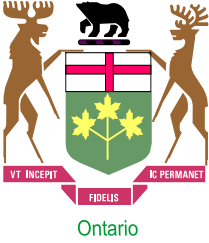
**Rate Class**

**microFIT Generator**

**Rate Description**

Service Charge

<b>Fixed Metric</b>	<b>Rate</b>
\$	5.25



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Current and Applied For Loss Factors

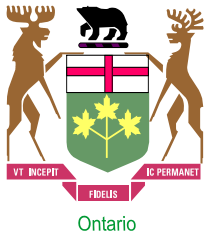
### LOSS FACTORS

Current

Total Loss Factor - Secondary Metered Customer < 5,000 kW  
Total Loss Factor - Secondary Metered Customer > 5,000 kW  
Total Loss Factor - Primary Metered Customer < 5,000 kW  
Total Loss Factor - Primary Metered Customer > 5,000 kW

1.0651  
n/a  
1.0545  
n/a





**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Current and Applied For Retail Service Charges

	Metric	Current
<b>Retail Service Charges (if applicable)</b>		
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)
<b>Service Transaction Requests (STR)</b>		
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

# **BILL IMPACTS**

Name of LDC: Midland Power Utility Corporation  
 File Number: EB-2010-0099  
 Effective Date: Sunday, May 01, 2011  
 Version : 1.9

**Residential**

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	11.66	11.68
Service Charge Rate Adder(s)	\$	2.00	2.00
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0194	0.0194
Distribution Volumetric Rate Adder(s)	\$/kWh	-	-
Low Voltage Volumetric Rate	\$/kWh	0.0015	0.0015
Distribution Volumetric Rate Rider(s)	\$/kWh	-0.0011	0.0009
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0054	0.0056
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0046	0.0045
Retail Transmission Rate – Low Voltage Service Rate	\$/kWh	-	-
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Special Purpose Charge	\$/kWh	0.0004	0.0004
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

<b>Consumption</b>	<b>800 kWh</b>	<b>- kW</b>
<b>RPP Tier One</b>	<b>600 kWh</b>	<b>Load Factor</b>

**Loss Factor 1.0651**

Residential	Volume	RATE	CHARGE	Volume	RATE	CHARGE	\$	%	% of Total Bill
Energy First Tier (kWh)	600	0.0650	39.00	600	0.0650	39.00	0.00	0.0%	31.53%
Energy Second Tier (kWh)	253	0.0750	18.98	253	0.0750	18.98	0.00	0.0%	15.34%
<b>Sub-Total: Energy</b>			<b>57.98</b>			<b>57.98</b>	<b>0.00</b>	<b>0.0%</b>	<b>46.88%</b>
Service Charge	1	11.66	11.66	1	11.68	11.68	0.02	0.2%	9.44%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	800	0.0194	15.52	800	0.0194	15.52	0.00	0.0%	12.55%
Distribution Volumetric Rate Adder(s)	800	0.0000	0.00	800	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	800	0.0015	1.20	800	0.0015	1.20	0.00	0.0%	0.97%
Distribution Volumetric Rate Rider(s)	800	-0.0011	-0.88	800	0.0009	0.72	1.60	(181.8)%	0.58%
<b>Total: Distribution</b>			<b>29.50</b>			<b>31.12</b>	<b>1.62</b>	<b>5.5%</b>	<b>25.16%</b>
Retail Transmission Rate – Network Service Rate	853	0.0054	4.61	853	0.0056	4.78	0.17	3.7%	3.86%
Retail Transmission Rate – Line and Transformation Connection Service Rate	853	0.0046	3.92	853	0.0045	3.84	-0.08	(2.0)%	3.10%
Retail Transmission Rate – Low Voltage Volumetric Rate	853	0.0000	0.00	853	0.0000	0.00	0.00	0.0%	0.00%
<b>Total: Retail Transmission</b>			<b>8.53</b>			<b>8.62</b>	<b>0.09</b>	<b>1.1%</b>	<b>6.97%</b>
<b>Sub-Total: Delivery (Distribution and Retail Transmission)</b>			<b>38.03</b>			<b>39.74</b>	<b>1.71</b>	<b>4.5%</b>	<b>32.13%</b>
Wholesale Market Service Rate	853	0.0052	4.44	853	0.0052	4.44	0.00	0.0%	3.59%
Rural Rate Protection Charge	853	0.0013	1.11	853	0.0013	1.11	0.00	0.0%	0.90%
Special Purpose Charge	853	0.0004	0.34	853	0.0004	0.34	0.00	0.0%	0.27%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.20%
<b>Sub-Total: Regulatory</b>			<b>6.14</b>			<b>6.14</b>	<b>0.00</b>	<b>0.0%</b>	<b>4.96%</b>
Debt Retirement Charge (DRC)	800	0.00700	5.60	800	0.00700	5.60	0.00	0.0%	4.53%
<b>Total Bill before Taxes</b>			<b>107.75</b>			<b>109.46</b>	<b>1.71</b>	<b>1.6%</b>	<b>88.50%</b>
HST	107.75	13%	14.01	109.46	13%	14.23	0.22	1.6%	11.50%
<b>Total Bill</b>			<b>121.76</b>			<b>123.69</b>	<b>1.93</b>	<b>1.6%</b>	<b>100.00%</b>

**Rate Class Threshold Test**

Residential	kWh	250	600	800	1,400	2,250
Loss Factor Adjusted kWh		267	640	853	1,492	2,397
Load Factor						

**Energy**

Applied For Bill	\$ 17.35	\$ 42.00	\$ 57.98	\$ 105.90	\$ 173.78
Current Bill	\$ 17.35	\$ 42.00	\$ 57.98	\$ 105.90	\$ 173.78
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	35.7%	44.2%	46.9%	50.5%	52.4%

**Distribution**

Applied For Bill	\$ 19.14	\$ 26.78	\$ 31.15	\$ 44.26	\$ 62.82
Current Bill	\$ 18.62	\$ 25.54	\$ 29.50	\$ 41.38	\$ 58.22
\$ Impact	\$ 0.52	\$ 1.24	\$ 1.65	\$ 2.88	\$ 4.60
% Impact	2.8%	4.9%	5.6%	7.0%	7.9%
% of Total Bill	39.4%	28.2%	25.2%	21.1%	19.0%

**Retail Transmission**

Applied For Bill	\$ 2.70	\$ 6.46	\$ 8.62	\$ 15.07	\$ 24.21
Current Bill	\$ 2.67	\$ 6.40	\$ 8.53	\$ 14.92	\$ 23.97
\$ Impact	\$ 0.03	\$ 0.06	\$ 0.09	\$ 0.15	\$ 0.24
% Impact	1.1%	0.9%	1.1%	1.0%	1.0%
% of Total Bill	5.6%	6.8%	7.0%	7.2%	7.3%

**Delivery (Distribution and Retail Transmission)**

Applied For Bill	\$ 21.84	\$ 33.24	\$ 39.77	\$ 59.33	\$ 87.03
Current Bill	\$ 21.29	\$ 31.94	\$ 38.03	\$ 56.30	\$ 82.19
\$ Impact	\$ 0.55	\$ 1.30	\$ 1.74	\$ 3.03	\$ 4.84
% Impact	2.6%	4.1%	4.6%	5.4%	5.9%
% of Total Bill	44.9%	35.0%	32.1%	28.3%	26.3%

**Regulatory**

Applied For Bill	\$ 2.10	\$ 4.67	\$ 6.14	\$ 10.55	\$ 16.79
Current Bill	\$ 2.10	\$ 4.67	\$ 6.14	\$ 10.55	\$ 16.79
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.3%	4.9%	5.0%	5.0%	5.1%

**Debt Retirement Charge**

Applied For Bill	\$ 1.75	\$ 4.20	\$ 5.60	\$ 9.80	\$ 15.75
Current Bill	\$ 1.75	\$ 4.20	\$ 5.60	\$ 9.80	\$ 15.75
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	3.6%	4.4%	4.5%	4.7%	4.8%

**GST**

Applied For Bill	\$ 5.60	\$ 10.93	\$ 14.23	\$ 24.13	\$ 38.14
Current Bill	\$ 5.52	\$ 10.77	\$ 14.01	\$ 23.73	\$ 37.51
\$ Impact	\$ 0.08	\$ 0.16	\$ 0.22	\$ 0.40	\$ 0.63
% Impact	1.4%	1.5%	1.6%	1.7%	1.7%
% of Total Bill	11.5%	11.5%	11.5%	11.5%	11.5%

**Total Bill**

Applied For Bill	\$ 48.64	\$ 95.04	\$ 123.72	\$ 209.71	\$ 331.49
Current Bill	\$ 48.01	\$ 93.58	\$ 121.76	\$ 206.28	\$ 326.02
\$ Impact	\$ 0.63	\$ 1.46	\$ 1.96	\$ 3.43	\$ 5.47

Name of LDC: Midland Power Utility Corporation  
 File Number: EB-2010-0099  
 Effective Date: Sunday, May 01, 2011  
 Version : 1.9

**General Service Less Than 50 kW**

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	14.70	14.73
Service Charge Rate Adder(s)	\$	2.00	2.00
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0154	0.0154
Distribution Volumetric Rate Adder(s)	\$/kWh	-	-
Low Voltage Volumetric Rate	\$/kWh	0.0013	0.0013
Distribution Volumetric Rate Rider(s)	\$/kWh	0.0012	0.0004
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0049	0.0051
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042	0.0041
Retail Transmission Rate – Low Voltage Service Rate	\$/kWh	-	-
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Special Purpose Charge	\$/kWh	0.0004	0.0004
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

<b>Consumption</b>	<b>2,000 kWh</b>	<b>- kW</b>
<b>RPP Tier One</b>	<b>750 kWh</b>	<b>Load Factor</b>

**Loss Factor 1.0651**

General Service Less Than 50 kW	Volume	RATE	CHARGE	Volume	RATE	CHARGE	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0650	48.75	750	0.0650	48.75	0.00	0.0%	17.24%
Energy Second Tier (kWh)	1,381	0.0750	103.68	1,381	0.0750	103.68	0.00	0.0%	36.63%
<b>Sub-Total: Energy</b>			<b>152.33</b>			<b>152.33</b>	<b>0.00</b>	<b>0.0%</b>	<b>53.87%</b>
Service Charge	1	14.70	14.70	1	14.73	14.73	0.03	0.2%	5.21%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	2,000	0.0154	30.80	2,000	0.0154	30.80	0.00	0.0%	10.89%
Distribution Volumetric Rate Adder(s)	2,000	0.0000	0.00	2,000	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	2,000	0.0013	2.60	2,000	0.0013	2.60	0.00	0.0%	0.92%
Distribution Volumetric Rate Rider(s)	2,000	-0.0012	-2.40	2,000	-0.0004	-0.80	1.60	(66.7)%	-0.28%
<b>Total: Distribution</b>			<b>47.70</b>			<b>48.33</b>	<b>1.63</b>	<b>3.4%</b>	<b>17.45%</b>
Retail Transmission Rate – Network Service Rate	2,131	0.0049	10.44	2,131	0.0051	10.87	0.43	4.1%	3.84%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,131	0.0042	8.95	2,131	0.0041	8.74	-0.21	(2.3)%	3.09%
Retail Transmission Rate – Low Voltage Volumetric Rate	2,131	0.0000	0.00	2,131	0.0000	0.00	0.00	0.0%	0.00%
<b>Total: Retail Transmission</b>			<b>19.39</b>			<b>19.61</b>	<b>0.22</b>	<b>1.1%</b>	<b>6.94%</b>
<b>Sub-Total: Delivery (Distribution and Retail Transmission)</b>			<b>67.09</b>			<b>68.94</b>	<b>1.85</b>	<b>2.8%</b>	<b>24.38%</b>
Wholesale Market Service Rate	2,131	0.0052	11.08	2,131	0.0052	11.08	0.00	0.0%	3.92%
Rural Rate Protection Charge	2,131	0.0013	2.77	2,131	0.0013	2.77	0.00	0.0%	0.98%
Special Purpose Charge	2,131	0.0004	0.85	2,131	0.0004	0.85	0.00	0.0%	0.30%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.09%
<b>Sub-Total: Regulatory</b>			<b>14.95</b>			<b>14.95</b>	<b>0.00</b>	<b>0.0%</b>	<b>5.29%</b>
Debt Retirement Charge (DRC)	2,000	0.00700	14.00	2,000	0.00700	14.00	0.00	0.0%	4.95%
<b>Total Bill before Taxes</b>			<b>248.37</b>			<b>250.22</b>	<b>1.85</b>	<b>0.7%</b>	<b>88.50%</b>
HST	248.37	13%	32.29	250.22	13%	32.53	0.24	0.7%	11.60%
<b>Total Bill</b>			<b>280.66</b>			<b>282.75</b>	<b>2.09</b>	<b>0.7%</b>	<b>100.00%</b>

**Rate Class Threshold Test**

**General Service Less Than 50 kW**

	kWh	1,000	2,000	7,500	15,000	20,000
Loss Factor Adjusted kWh		1,066	2,131	7,989	15,977	21,302
Load Factor						

**Energy**

Applied For Bill	\$ 72.45	\$ 152.33	\$ 591.68	\$ 1,190.78	\$ 1,590.15
Current Bill	\$ 72.45	\$ 152.33	\$ 591.68	\$ 1,190.78	\$ 1,590.15
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	49.3%	53.9%	57.4%	58.1%	58.2%

**Distribution**

Applied For Bill	\$ 33.07	\$ 49.41	\$ 139.28	\$ 261.83	\$ 343.53
Current Bill	\$ 32.20	\$ 47.70	\$ 132.95	\$ 249.20	\$ 326.70
\$ Impact	\$ 0.87	\$ 1.71	\$ 6.33	\$ 12.63	\$ 16.83
% Impact	2.7%	3.6%	4.8%	5.1%	5.2%
% of Total Bill	22.5%	17.5%	13.5%	12.8%	12.6%

**Retail Transmission**

Applied For Bill	\$ 9.81	\$ 19.61	\$ 73.49	\$ 146.99	\$ 195.98
Current Bill	\$ 9.70	\$ 19.39	\$ 72.70	\$ 145.39	\$ 193.85
\$ Impact	\$ 0.11	\$ 0.22	\$ 0.79	\$ 1.60	\$ 2.13
% Impact	1.1%	1.1%	1.1%	1.1%	1.1%
% of Total Bill	6.7%	6.9%	7.1%	7.2%	7.2%

**Delivery (Distribution and Retail Transmission)**

Applied For Bill	\$ 42.88	\$ 69.02	\$ 212.77	\$ 408.82	\$ 539.51
Current Bill	\$ 41.90	\$ 67.09	\$ 205.65	\$ 394.59	\$ 520.55
\$ Impact	\$ 0.98	\$ 1.93	\$ 7.12	\$ 14.23	\$ 18.96
% Impact	2.3%	2.9%	3.5%	3.6%	3.6%
% of Total Bill	29.2%	24.4%	20.6%	19.9%	19.8%

**Regulatory**

Applied For Bill	\$ 7.61	\$ 14.95	\$ 55.38	\$ 110.49	\$ 147.23
Current Bill	\$ 7.61	\$ 14.95	\$ 55.38	\$ 110.49	\$ 147.23
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.2%	5.3%	5.4%	5.4%	5.4%

**Debt Retirement Charge**

Applied For Bill	\$ 7.00	\$ 14.00	\$ 52.50	\$ 105.00	\$ 140.00
Current Bill	\$ 7.00	\$ 14.00	\$ 52.50	\$ 105.00	\$ 140.00
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.8%	4.9%	5.1%	5.1%	5.1%

**GST**

Applied For Bill	\$ 16.89	\$ 32.54	\$ 118.60	\$ 235.96	\$ 314.20
Current Bill	\$ 16.76	\$ 32.29	\$ 117.68	\$ 234.11	\$ 311.73
\$ Impact	\$ 0.13	\$ 0.25	\$ 0.92	\$ 1.85	\$ 2.47
% Impact	0.8%	0.8%	0.8%	0.8%	0.8%
% of Total Bill	11.5%	11.5%	11.5%	11.5%	11.5%

**Total Bill**

Applied For Bill	\$ 146.83	\$ 282.84	\$ 1,030.93	\$ 2,051.05	\$ 2,731.09
Current Bill	\$ 145.72	\$ 280.66	\$ 1,022.89	\$ 2,034.97	\$ 2,709.66
\$ Impact	\$ 1.11	\$ 2.18	\$ 8.04	\$ 16.08	\$ 21.43



Name of LDC: Midland Power Utility Corporation  
 File Number: EB-2010-0099  
 Effective Date: Sunday, May 01, 2011  
 Version : 1.9

**General Service 50 to 4,999 kW**

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	57.87	57.97
Service Charge Rate Adder(s)	\$	2.00	2.00
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	2.9640	2.9693
Distribution Volumetric Rate Adder(s)	\$/kW	-	-
Low Voltage Volumetric Rate	\$/kW	0.5012	0.5012
Distribution Volumetric Rate Rider(s)	\$/kW	0.5529	0.0146
Retail Transmission Rate – Network Service Rate	\$/kW	2.0433	2.1107
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.6676	1.6271
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	-	-
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Special Purpose Charge	\$/kWh	0.0004	0.0004
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

<b>Consumption</b>	<b>995,000 kWh</b>	<b>2,480 kW</b>
<b>RPP Tier One</b>	<b>750 kWh</b>	<b>Load Factor 55.0%</b>

**Loss Factor 1.0651**

General Service 50 to 4,999 kW	Volume	RATE	CHARGE	Volume	RATE	CHARGE	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0650	48.75	750	0.0650	48.75	0.00	0.0%	0.04%
Energy Second Tier (kWh)	1,059,025	0.0750	79,426.88	1,059,025	0.0750	79,426.88	0.00	0.0%	62.91%
<b>Sub-Total: Energy</b>			<b>79,475.63</b>			<b>79,475.63</b>	<b>0.00</b>	<b>0.0%</b>	<b>62.95%</b>
Service Charge	1	57.87	57.87	1	57.97	57.97	0.10	0.2%	0.06%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	2,480	2.9640	7,350.72	2,480	2.9693	7,363.86	13.14	0.2%	5.83%
Distribution Volumetric Rate Adder(s)	2,480	0.0000	0.00	2,480	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	2,480	0.5012	1,242.98	2,480	0.5012	1,242.98	0.00	0.0%	0.98%
Distribution Volumetric Rate Rider(s)	2,480	-0.5529	-1,371.19	2,480	0.0146	36.21	1,407.40	(102.6%)	0.03%
<b>Total: Distribution</b>			<b>7,282.38</b>			<b>8,703.02</b>	<b>1,420.64</b>	<b>19.8%</b>	<b>6.89%</b>
Retail Transmission Rate – Network Service Rate	2,480	2.0433	5,067.38	2,480	2.1107	5,234.54	167.16	3.3%	4.15%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,480	1.6676	4,135.65	2,480	1.6271	4,035.21	-100.44	(2.4%)	3.20%
Retail Transmission Rate – Low Voltage Volumetric Rate	2,480	0.0000	0.00	2,480	0.0000	0.00	0.00	0.0%	0.00%
<b>Total: Retail Transmission</b>			<b>9,203.03</b>			<b>9,269.75</b>	<b>66.72</b>	<b>0.7%</b>	<b>7.34%</b>
<b>Sub-Total: Delivery (Distribution and Retail Transmission)</b>			<b>16,485.41</b>			<b>17,972.77</b>	<b>1,487.36</b>	<b>9.0%</b>	<b>14.24%</b>
Wholesale Market Service Rate	1,059,775	0.0052	5,510.83	1,059,775	0.0052	5,510.83	0.00	0.0%	4.36%
Rural Rate Protection Charge	1,059,775	0.0013	1,377.71	1,059,775	0.0013	1,377.71	0.00	0.0%	1.09%
Special Purpose Charge	1,059,775	0.0004	423.91	1,059,775	0.0004	423.91	0.00	0.0%	0.34%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.00%
<b>Sub-Total: Regulatory</b>			<b>7,312.70</b>			<b>7,312.70</b>	<b>0.00</b>	<b>0.0%</b>	<b>5.79%</b>
<b>Debt Retirement Charge (DRC)</b>	995,000	0.00700	<b>6,965.00</b>	995,000	0.00700	<b>6,965.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>5.52%</b>
<b>Total Bill before Taxes</b>			<b>110,238.74</b>			<b>111,726.10</b>	<b>1,487.36</b>	<b>1.3%</b>	<b>88.50%</b>
HST	110,238.74	13%	<b>14,331.04</b>	111,726.10	13%	<b>14,524.39</b>	<b>193.35</b>	<b>1.3%</b>	<b>11.50%</b>
<b>Total Bill</b>			<b>124,569.78</b>			<b>126,250.49</b>	<b>1,680.71</b>	<b>1.3%</b>	<b>100.00%</b>

**Rate Class Threshold Test**

**General Service 50 to 4,999 kW**

	kWh	\$10,000	\$10,000	995,000	1,501,000	2,006,000
Loss Factor Adjusted kWh	21,302	543,201	1,059,775	1,598,716	2,136,591	
50 kW	50	1,270	2,480	3,740	5,000	
Load Factor	54.8%	55.0%	55.0%	55.0%	55.0%	

**Energy**

Applied For Bill	\$ 1,590.15	\$ 40,732.58	\$ 79,475.63	\$ 119,896.20	\$ 160,236.83
Current Bill	\$ 1,590.15	\$ 40,732.58	\$ 79,475.63	\$ 119,896.20	\$ 160,236.83
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	61.2%	62.9%	63.0%	63.0%	63.0%

**Distribution**

Applied For Bill	\$ 234.23	\$ 4,486.05	\$ 8,703.04	\$ 13,094.28	\$ 17,485.53
Current Bill	\$ 205.48	\$ 3,758.49	\$ 7,282.38	\$ 10,951.87	\$ 14,621.37
\$ Impact	\$ 28.75	\$ 727.56	\$ 1,420.66	\$ 2,142.41	\$ 2,864.15
% Impact	14.0%	19.4%	19.5%	19.6%	19.6%
% of Total Bill	9.0%	6.9%	6.9%	6.9%	6.9%

**Retail Transmission**

Applied For Bill	\$ 186.88	\$ 4,747.01	\$ 9,269.75	\$ 13,979.37	\$ 18,689.00
Current Bill	\$ 185.54	\$ 4,712.84	\$ 9,203.03	\$ 13,878.76	\$ 18,554.50
\$ Impact	\$ 1.34	\$ 34.17	\$ 66.72	\$ 100.61	\$ 134.50
% Impact	0.7%	0.7%	0.7%	0.7%	0.7%
% of Total Bill	7.2%	7.3%	7.3%	7.3%	7.3%

**Delivery (Distribution and Retail Transmission)**

Applied For Bill	\$ 421.11	\$ 9,233.06	\$ 17,972.79	\$ 27,073.65	\$ 36,174.52
Current Bill	\$ 391.02	\$ 8,471.33	\$ 16,485.41	\$ 24,830.63	\$ 33,175.87
\$ Impact	\$ 30.09	\$ 761.73	\$ 1,487.38	\$ 2,242.98	\$ 2,998.65
% Impact	7.7%	9.0%	9.0%	9.0%	9.0%
% of Total Bill	16.2%	14.3%	14.2%	14.2%	14.2%

**Regulatory**

Applied For Bill	\$ 147.23	\$ 3,748.34	\$ 7,312.70	\$ 11,031.39	\$ 14,742.73
Current Bill	\$ 147.23	\$ 3,748.34	\$ 7,312.70	\$ 11,031.39	\$ 14,742.73
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.7%	5.8%	5.8%	5.8%	5.8%

**Debt Retirement Charge**

Applied For Bill	\$ 140.00	\$ 3,570.00	\$ 6,965.00	\$ 10,507.00	\$ 14,042.00
Current Bill	\$ 140.00	\$ 3,570.00	\$ 6,965.00	\$ 10,507.00	\$ 14,042.00
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.4%	5.5%	5.5%	5.5%	5.5%

**GST**

Applied For Bill	\$ 298.80	\$ 7,446.92	\$ 14,524.40	\$ 21,906.07	\$ 29,275.49
Current Bill	\$ 294.89	\$ 7,347.89	\$ 14,331.04	\$ 21,614.48	\$ 28,885.67
\$ Impact	\$ 3.91	\$ 99.03	\$ 193.36	\$ 291.59	\$ 389.82
% Impact	1.3%	1.3%	1.3%	1.3%	1.3%
% of Total Bill	11.5%	11.5%	11.5%	11.5%	11.5%

**Total Bill**

Applied For Bill	\$ 2,597.29	\$ 64,730.90	\$ 126,250.52	\$ 190,414.31	\$ 254,471.57
Current Bill	\$ 2,563.29	\$ 63,870.14	\$ 124,569.78	\$ 187,879.70	\$ 251,083.10
\$ Impact	\$ 34.00	\$ 860.76	\$ 1,680.74	\$ 2,534.61	\$ 3,388.47

Name of LDC: Midland Power Utility Corporation  
 File Number: EB-2010-0099  
 Effective Date: Sunday, May 01, 2011  
 Version : 1.9

**Unmetered Scattered Load**

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	24.48	24.52
Service Charge Rate Adder(s)	\$	-	-
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0264	0.0264
Distribution Volumetric Rate Adder(s)	\$/kWh	-	-
Low Voltage Volumetric Rate	\$/kWh	0.0013	0.0013
Distribution Volumetric Rate Rider(s)	\$/kWh	-0.0009	0.0036
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0049	0.0051
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042	0.0041
Retail Transmission Rate – Low Voltage Service Rate	\$/kWh	-	-
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Special Purpose Charge	\$/kWh	0.0004	0.0004
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

<b>Consumption</b>	<b>2,000 kWh</b>	<b>0 kW</b>
<b>RPP Tier One</b>	<b>750 kWh</b>	<b>Load Factor</b>

**Loss Factor 1.0651**

**Unmetered Scattered Load**

	Volume	RATE	CHARGE	Volume	RATE	CHARGE	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0650	48.75	750	0.0650	48.75	0.00	0.0%	14.90%
Energy Second Tier (kWh)	1,381	0.0750	103.58	1,381	0.0750	103.58	0.00	0.0%	31.83%
<b>Sub-Total: Energy</b>			<b>152.33</b>			<b>152.33</b>	<b>0.00</b>	<b>0.0%</b>	<b>46.81%</b>
Service Charge	1	24.48	24.48	1	24.52	24.52	0.04	0.2%	7.53%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	2,000	0.0264	52.80	2,000	0.0264	52.80	0.00	0.0%	16.22%
Distribution Volumetric Rate Adder(s)	2,000	0.0000	0.00	2,000	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	2,000	0.0013	2.60	2,000	0.0013	2.60	0.00	0.0%	0.80%
Distribution Volumetric Rate Rider(s)	2,000	-0.0009	-1.80	2,000	0.0036	7.20	9.00	(500.0)%	2.21%
<b>Total: Distribution</b>			<b>78.08</b>			<b>87.12</b>	<b>9.04</b>	<b>11.6%</b>	<b>26.77%</b>
Retail Transmission Rate – Network Service Rate	2,131	0.0049	10.44	2,131	0.0051	10.87	0.43	4.1%	3.34%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,131	0.0042	8.95	2,131	0.0041	8.74	-0.21	(2.3)%	2.69%
Retail Transmission Rate – Low Voltage Volumetric Rate	2,131	0.0000	0.00	2,131	0.0000	0.00	0.00	0.0%	0.00%
<b>Total: Retail Transmission</b>			<b>19.39</b>			<b>19.61</b>	<b>0.22</b>	<b>1.1%</b>	<b>6.03%</b>
<b>Sub-Total: Delivery (Distribution and Retail Transmission)</b>			<b>97.47</b>			<b>106.73</b>	<b>9.26</b>	<b>9.5%</b>	<b>32.79%</b>
Wholesale Market Service Rate	2,131	0.0052	11.08	2,131	0.0052	11.08	0.00	0.0%	3.40%
Rural Rate Protection Charge	2,131	0.0013	2.77	2,131	0.0013	2.77	0.00	0.0%	0.85%
Special Purpose Charge	2,131	0.0004	0.85	2,131	0.0004	0.85	0.00	0.0%	0.26%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.08%
<b>Sub-Total: Regulatory</b>			<b>14.95</b>			<b>14.95</b>	<b>0.00</b>	<b>0.0%</b>	<b>4.59%</b>
Debt Retirement Charge (DRC)	2,000	0.00700	14.00	2,000	0.00700	14.00	0.00	0.0%	4.30%
<b>Total Bill before Taxes</b>			<b>278.75</b>			<b>288.01</b>	<b>9.26</b>	<b>3.3%</b>	<b>88.50%</b>
HST	278.75	13%	36.24	288.01	13%	37.44	1.20	3.3%	11.50%
<b>Total Bill</b>			<b>314.99</b>			<b>325.45</b>	<b>10.46</b>	<b>3.3%</b>	<b>100.00%</b>

**Rate Class Threshold Test**

**Unmetered Scattered Load**

	kWh	500	2,000	7,500	15,000	20,000
Loss Factor Adjusted kWh		533	2,131	7,989	15,977	21,302
Load Factor						

**Energy**

Applied For Bill	\$ 34.64	\$ 152.33	\$ 591.68	\$ 1,190.78	\$ 1,590.15
Current Bill	\$ 34.64	\$ 152.33	\$ 591.68	\$ 1,190.78	\$ 1,590.15
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	35.2%	46.8%	50.7%	51.5%	51.6%

**Distribution**

Applied For Bill	\$ 40.19	\$ 87.20	\$ 259.57	\$ 494.62	\$ 651.32
Current Bill	\$ 37.88	\$ 78.08	\$ 225.48	\$ 426.48	\$ 560.48
\$ Impact	\$ 2.31	\$ 9.12	\$ 34.09	\$ 68.14	\$ 90.84
% Impact	6.1%	11.7%	15.1%	16.0%	16.2%
% of Total Bill	40.8%	26.8%	22.2%	21.4%	21.2%

**Retail Transmission**

Applied For Bill	\$ 4.91	\$ 19.61	\$ 73.49	\$ 146.99	\$ 195.98
Current Bill	\$ 4.85	\$ 19.39	\$ 72.70	\$ 145.39	\$ 193.85
\$ Impact	\$ 0.06	\$ 0.22	\$ 0.79	\$ 1.60	\$ 2.13
% Impact	1.2%	1.1%	1.1%	1.1%	1.1%
% of Total Bill	5.0%	6.0%	6.3%	6.4%	6.4%

**Delivery (Distribution and Retail Transmission)**

Applied For Bill	\$ 45.10	\$ 106.81	\$ 333.06	\$ 641.61	\$ 847.30
Current Bill	\$ 42.73	\$ 97.47	\$ 298.18	\$ 571.87	\$ 754.33
\$ Impact	\$ 2.37	\$ 9.34	\$ 34.88	\$ 69.74	\$ 92.97
% Impact	5.5%	9.6%	11.7%	12.2%	12.3%
% of Total Bill	45.8%	32.8%	28.5%	27.7%	27.5%

**Regulatory**

Applied For Bill	\$ 3.92	\$ 14.95	\$ 55.38	\$ 110.49	\$ 147.23
Current Bill	\$ 3.92	\$ 14.95	\$ 55.38	\$ 110.49	\$ 147.23
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.0%	4.6%	4.7%	4.8%	4.8%

**Debt Retirement Charge**

Applied For Bill	\$ 3.50	\$ 14.00	\$ 52.50	\$ 105.00	\$ 140.00
Current Bill	\$ 3.50	\$ 14.00	\$ 52.50	\$ 105.00	\$ 140.00
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	3.6%	4.3%	4.5%	4.5%	4.5%

**GST**

Applied For Bill	\$ 11.33	\$ 37.45	\$ 134.24	\$ 266.22	\$ 354.21
Current Bill	\$ 11.02	\$ 36.24	\$ 129.71	\$ 257.16	\$ 342.12
\$ Impact	\$ 0.31	\$ 1.21	\$ 4.53	\$ 9.06	\$ 12.09
% Impact	2.8%	3.3%	3.5%	3.5%	3.5%
% of Total Bill	11.5%	11.5%	11.5%	11.5%	11.5%

**Total Bill**

Applied For Bill	\$ 98.49	\$ 325.54	\$ 1,166.86	\$ 2,314.10	\$ 3,078.89
Current Bill	\$ 95.81	\$ 314.99	\$ 1,127.45	\$ 2,235.30	\$ 2,973.83
\$ Impact	\$ 2.68	\$ 10.55	\$ 39.41	\$ 78.80	\$ 105.06

Name of LDC: Midland Power Utility Corporation  
 File Number: EB-2010-0099  
 Effective Date: Rural, May 01, 2011  
 Version : 1.9

**Sentinel Lighting**

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	21.48	21.52
Service Charge Rate Adder(s)	\$	-	-
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	38.0387	38.1072
Distribution Volumetric Rate Adder(s)	\$/kW	-	-
Low Voltage Volumetric Rate	\$/kW	0.3864	0.3864
Distribution Volumetric Rate Rider(s)	\$/kW	0.8428	0.2666
Retail Transmission Rate – Network Service Rate	\$/kW	1.5489	1.6000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3161	1.2841
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	-	-
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Special Purpose Charge	\$/kWh	0.0004	0.0004
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

<b>Consumption</b>	<b>180 kWh</b>	<b>0.50 kW</b>
<b>RPP Tier One</b>	<b>750 kWh</b>	<b>Load Factor 49.3%</b>

**Loss Factor 1.0651**

Sentinel Lighting	Volume	RATE	CHARGE	Volume	RATE	CHARGE	\$	%	% of Total Bill
Energy First Tier (kWh)	192	0.0650	12.48	192	0.0650	12.48	0.00	0.0%	19.24%
Energy Second Tier (kWh)	0	0.0750	0.00	0	0.0750	0.00	0.00	0.0%	0.00%
<b>Sub-Total: Energy</b>			<b>12.48</b>			<b>12.48</b>	<b>0.00</b>	<b>0.0%</b>	<b>19.24%</b>
Service Charge	1	21.48	21.48	1	21.52	21.52	0.04	0.2%	33.18%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	0.50	38.0387	19.02	0.50	38.1072	19.05	0.03	0.2%	29.38%
Distribution Volumetric Rate Adder(s)	0.50	0.0000	0.00	0.50	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	0.50	0.3864	0.19	0.50	0.3864	0.19	0.00	0.0%	0.29%
Distribution Volumetric Rate Rider(s)	0.50	0.8428	0.42	0.50	-0.2666	-0.13	-0.55	(131.0%)	-0.20%
<b>Total: Distribution</b>			<b>41.11</b>			<b>40.63</b>	<b>-0.48</b>	<b>(1.2%)</b>	<b>62.65%</b>
Retail Transmission Rate – Network Service Rate	0.50	1.5489	0.77	0.50	1.6000	0.80	0.03	3.9%	1.23%
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.50	1.3161	0.66	0.50	1.2841	0.64	-0.02	(3.0%)	0.99%
Retail Transmission Rate – Low Voltage Volumetric Rate	0.50	0.0000	0.00	0.50	0.0000	0.00	0.00	0.0%	0.00%
<b>Total: Retail Transmission</b>			<b>1.43</b>			<b>1.44</b>	<b>0.01</b>	<b>0.7%</b>	<b>2.22%</b>
<b>Sub-Total: Delivery (Distribution and Retail Transmission)</b>			<b>42.54</b>			<b>42.07</b>	<b>-0.47</b>	<b>(1.1%)</b>	<b>64.87%</b>
Wholesale Market Service Rate	192	0.0052	1.00	192	0.0052	1.00	0.00	0.0%	1.54%
Rural Rate Protection Charge	192	0.0013	0.25	192	0.0013	0.25	0.00	0.0%	0.39%
Special Purpose Charge	192	0.0004	0.08	192	0.0004	0.08	0.00	0.0%	0.12%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.39%
<b>Sub-Total: Regulatory</b>			<b>1.58</b>			<b>1.58</b>	<b>0.00</b>	<b>0.0%</b>	<b>2.44%</b>
Debt Retirement Charge (DRC)	180	0.00700	1.26	180	0.00700	1.26	0.00	0.0%	1.94%
<b>Total Bill before Taxes</b>			<b>57.86</b>			<b>57.39</b>	<b>-0.47</b>	<b>(0.8%)</b>	<b>88.50%</b>
HST	57.86	13%	7.52	57.39	13%	7.46	-0.06	(0.8%)	11.50%
<b>Total Bill</b>			<b>65.38</b>			<b>64.85</b>	<b>-0.53</b>	<b>(0.8%)</b>	<b>100.00%</b>

**Rate Class Threshold Test**

**Sentinel Lighting**

kWh	70	130	180	270	360
Loss Factor Adjusted kWh	75	139	192	288	384
kW	0.20	0.35	0.50	0.75	1.00
Load Factor	48.0%	50.9%	49.3%	49.3%	49.3%

**Energy**

Applied For Bill	\$ 4.87	\$ 9.03	\$ 12.48	\$ 18.72	\$ 24.96
Current Bill	\$ 4.87	\$ 9.03	\$ 12.48	\$ 18.72	\$ 24.96
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	12.0%	17.0%	19.2%	22.0%	23.7%

**Distribution**

Applied For Bill	\$ 29.17	\$ 34.91	\$ 40.63	\$ 50.19	\$ 59.75
Current Bill	\$ 29.34	\$ 35.22	\$ 41.11	\$ 50.93	\$ 60.75
\$ Impact	\$ -0.17	\$ -0.31	\$ -0.48	\$ -0.74	\$ -1.00
% Impact	-0.6%	-0.9%	-1.2%	-1.5%	-1.6%
% of Total Bill	72.0%	65.6%	62.7%	59.1%	56.9%

**Retail Transmission**

Applied For Bill	\$ 0.58	\$ 1.01	\$ 1.44	\$ 2.16	\$ 2.88
Current Bill	\$ 0.57	\$ 1.00	\$ 1.43	\$ 2.15	\$ 2.87
\$ Impact	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01
% Impact	1.8%	1.0%	0.7%	0.5%	0.3%
% of Total Bill	1.4%	1.9%	2.2%	2.5%	2.7%

**Delivery (Distribution and Retail Transmission)**

Applied For Bill	\$ 29.75	\$ 35.92	\$ 42.07	\$ 52.35	\$ 62.63
Current Bill	\$ 29.91	\$ 36.22	\$ 42.54	\$ 53.08	\$ 63.62
\$ Impact	\$ -0.16	\$ -0.30	\$ -0.47	\$ -0.73	\$ -0.99
% Impact	-0.5%	-0.8%	-1.1%	-1.4%	-1.6%
% of Total Bill	73.4%	67.5%	64.9%	61.6%	59.6%

**Regulatory**

Applied For Bill	\$ 0.77	\$ 1.21	\$ 1.58	\$ 2.24	\$ 2.90
Current Bill	\$ 0.77	\$ 1.21	\$ 1.58	\$ 2.24	\$ 2.90
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	1.9%	2.3%	2.4%	2.6%	2.8%

**Debt Retirement Charge**

Applied For Bill	\$ 0.49	\$ 0.91	\$ 1.26	\$ 1.89	\$ 2.52
Current Bill	\$ 0.49	\$ 0.91	\$ 1.26	\$ 1.89	\$ 2.52
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	1.2%	1.7%	1.9%	2.2%	2.4%

**GST**

Applied For Bill	\$ 4.66	\$ 6.12	\$ 7.46	\$ 9.78	\$ 12.09
Current Bill	\$ 4.69	\$ 6.16	\$ 7.52	\$ 9.87	\$ 12.22
\$ Impact	\$ -0.03	\$ -0.04	\$ -0.06	\$ -0.09	\$ -0.13
% Impact	-0.6%	-0.6%	-0.8%	-0.9%	-1.1%
% of Total Bill	11.5%	11.5%	11.5%	11.5%	11.5%

**Total Bill**

Applied For Bill	\$ 40.54	\$ 53.19	\$ 64.85	\$ 84.98	\$ 105.10
Current Bill	\$ 40.73	\$ 53.53	\$ 65.38	\$ 85.80	\$ 106.22
\$ Impact	\$ -0.19	\$ -0.34	\$ -0.53	\$ -0.82	\$ -1.12

Name of LDC: Midland Power Utility Corporation  
 File Number: EB-2010-0099  
 Effective Date: Sunday, May 01, 2011  
 Version : 1.9

**Street Lighting**

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	3.69	3.70
Service Charge Rate Adder(s)	\$	-	-
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	8.5358	8.5512
Distribution Volumetric Rate Adder(s)	\$/kW	-	-
Low Voltage Volumetric Rate	\$/kW	0.3873	0.3873
Distribution Volumetric Rate Rider(s)	\$/kW	-0.2573	-0.2969
Retail Transmission Rate – Network Service Rate	\$/kW	1.5411	1.5919
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2892	1.2579
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	-	-
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Special Purpose Charge	\$/kWh	0.0004	0.0004
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

<b>Consumption</b>	<b>37 kWh</b>	<b>0.10 kW</b>
<b>RPP Tier One</b>	<b>750 kWh</b>	<b>Load Factor 50.7%</b>

**Loss Factor 1.0651**

Street Lighting	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	40	0.0650	2.60	40	0.0650	2.60	0.00	0.0%	27.90%
Energy Second Tier (kWh)	0	0.0750	0.00	0	0.0750	0.00	0.00	0.0%	0.00%
<b>Sub-Total: Energy</b>			<b>2.60</b>			<b>2.60</b>	<b>0.00</b>	<b>0.0%</b>	<b>27.90%</b>
Service Charge	1	3.69	3.69	1	3.70	3.70	0.01	0.3%	39.70%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	0.10	8.5358	0.85	0.10	8.5512	0.86	0.01	1.2%	9.23%
Distribution Volumetric Rate Adder(s)	0.10	0.0000	0.00	0.10	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	0.10	0.3873	0.04	0.10	0.3873	0.04	0.00	0.0%	0.43%
Distribution Volumetric Rate Rider(s)	0.10	-0.2573	-0.03	0.10	-0.2969	-0.03	0.00	0.0%	-0.32%
<b>Total: Distribution</b>			<b>4.55</b>			<b>4.57</b>	<b>0.02</b>	<b>0.4%</b>	<b>49.03%</b>
Retail Transmission Rate – Network Service Rate	0.10	1.5411	0.15	0.10	1.5919	0.16	0.01	0.7%	1.72%
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.10	1.2892	0.13	0.10	1.2579	0.13	0.00	0.0%	1.39%
Retail Transmission Rate – Low Voltage Volumetric Rate	0.10	0.0000	0.00	0.10	0.0000	0.00	0.00	0.0%	0.00%
<b>Total: Retail Transmission</b>			<b>0.28</b>			<b>0.29</b>	<b>0.01</b>	<b>3.6%</b>	<b>3.11%</b>
<b>Sub-Total: Delivery (Distribution and Retail Transmission)</b>			<b>4.83</b>			<b>4.86</b>	<b>0.03</b>	<b>0.6%</b>	<b>52.15%</b>
Wholesale Market Service Rate	40	0.0052	0.21	40	0.0052	0.21	0.00	0.0%	2.25%
Rural Rate Protection Charge	40	0.0013	0.05	40	0.0013	0.05	0.00	0.0%	0.54%
Special Purpose Charge	40	0.0004	0.02	40	0.0004	0.02	0.00	0.0%	0.21%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	2.68%
<b>Sub-Total: Regulatory</b>			<b>0.53</b>			<b>0.53</b>	<b>0.00</b>	<b>0.0%</b>	<b>5.69%</b>
Debt Retirement Charge (DRC)	37	0.00700	0.26	37	0.00700	0.26	0.00	0.0%	2.79%
<b>Total Bill before Taxes</b>			<b>8.22</b>			<b>8.25</b>	<b>0.03</b>	<b>0.4%</b>	<b>88.52%</b>
HST	8.22	13%	1.07	8.25	13%	1.07	0.00	0.0%	11.48%
<b>Total Bill</b>			<b>9.29</b>			<b>9.32</b>	<b>0.03</b>	<b>0.3%</b>	<b>100.00%</b>

**Rate Class Threshold Test**

**Street Lighting**

kWh	37	73	110	146	183
Loss Factor Adjusted kWh	40	78	118	156	195
kW	0.10	0.20	0.30	0.40	0.50
Load Factor	50.7%	50.0%	50.3%	50.0%	50.2%

**Energy**

Applied For Bill	\$ 2.60	\$ 5.07	\$ 7.67	\$ 10.14	\$ 12.67
Current Bill	\$ 2.60	\$ 5.07	\$ 7.67	\$ 10.14	\$ 12.67
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	27.9%	36.3%	40.7%	43.2%	44.9%

**Distribution**

Applied For Bill	\$ 4.57	\$ 5.43	\$ 6.30	\$ 7.15	\$ 8.02
Current Bill	\$ 4.55	\$ 5.43	\$ 6.29	\$ 7.15	\$ 8.02
\$ Impact	\$ 0.02	\$ -	\$ 0.01	\$ -	\$ -
% Impact	0.4%	0.0%	0.2%	0.0%	0.0%
% of Total Bill	49.0%	38.8%	33.5%	30.5%	28.4%

**Retail Transmission**

Applied For Bill	\$ 0.29	\$ 0.57	\$ 0.86	\$ 1.14	\$ 1.43
Current Bill	\$ 0.28	\$ 0.57	\$ 0.85	\$ 1.14	\$ 1.41
\$ Impact	\$ 0.01	\$ -	\$ 0.01	\$ -	\$ 0.02
% Impact	3.6%	0.0%	1.2%	0.0%	1.4%
% of Total Bill	3.1%	4.1%	4.6%	4.9%	5.1%

**Delivery (Distribution and Retail Transmission)**

Applied For Bill	\$ 4.86	\$ 6.00	\$ 7.16	\$ 8.29	\$ 9.45
Current Bill	\$ 4.83	\$ 6.00	\$ 7.14	\$ 8.29	\$ 9.43
\$ Impact	\$ 0.03	\$ -	\$ 0.02	\$ -	\$ 0.02
% Impact	0.6%	0.0%	0.3%	0.0%	0.2%
% of Total Bill	52.1%	42.9%	38.0%	35.3%	33.5%

**Regulatory**

Applied For Bill	\$ 0.53	\$ 0.79	\$ 1.06	\$ 1.32	\$ 1.59
Current Bill	\$ 0.53	\$ 0.79	\$ 1.06	\$ 1.32	\$ 1.59
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.7%	5.7%	5.6%	5.6%	5.6%

**Debt Retirement Charge**

Applied For Bill	\$ 0.26	\$ 0.51	\$ 0.77	\$ 1.02	\$ 1.28
Current Bill	\$ 0.26	\$ 0.51	\$ 0.77	\$ 1.02	\$ 1.28
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	2.8%	3.6%	4.1%	4.3%	4.5%

**GST**

Applied For Bill	\$ 1.07	\$ 1.61	\$ 2.17	\$ 2.70	\$ 3.25
Current Bill	\$ 1.07	\$ 1.61	\$ 2.16	\$ 2.70	\$ 3.25
\$ Impact	\$ -	\$ -	\$ 0.01	\$ -	\$ -
% Impact	0.0%	0.0%	0.5%	0.0%	0.0%
% of Total Bill	11.5%	11.5%	11.5%	11.5%	11.5%

**Total Bill**

Applied For Bill	\$ 9.32	\$ 13.98	\$ 18.83	\$ 23.47	\$ 28.24
Current Bill	\$ 9.29	\$ 13.98	\$ 18.80	\$ 23.47	\$ 28.22
\$ Impact	\$ 0.03	\$ -	\$ 0.03	\$ -	\$ 0.02

# **IRM3 RATE GENERATOR MODEL**



Name of LDC: Midland Power Utility Corporation  
 File Number: EB-2010-0099  
 Effective Date: Sunday, May 01, 2011  
 Version : 1.9

## LDC Information

<b>Applicant Name</b>	Midland Power Utility Corporation
<b>Application Type</b>	IRM3
<b>OEB Application Number</b>	EB-2010-0099
<b>Tariff Effective Date</b>	May 1, 2011
<b>LDC Licence Number</b>	ED-2002-0541
<b>Notice Publication Language</b>	English
<b>DRC Rate</b>	0.00700
<b>Customer Bills</b>	12 per year
<b>Distribution Demand Bill Determinant</b>	kW
<b>Stretch Factor Group</b>	II
<b>Stretch Factor Value</b>	0.4%
<b>Last COS Re-based Year</b>	2009
<b>Last COS OEB Application Number</b>	EB-2008-0236
<b>Special Purpose Charge - Current</b>	Yes
<b>Special Purpose Charge - Applied</b>	Yes
<b>Application Contact Information</b>	
<b>Name:</b>	Phil Marley
<b>Title:</b>	President & CEO
<b>Phone Number:</b>	705-526-9362 ext 204
<b>E-Mail Address:</b>	pmarley@midlandpuc.on.ca

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Name of LDC: Midland Power Utility Corporation  
File Number: EB-2010-0099  
Effective Date: Sunday, May 01, 2011  
Version : 1.9

## Show or Hide Sheet Selection

Sheet	Show / Hide	Purpose of Sheet
C2.1 Def Var Disp 2008	Hide	To be used by distributor that had a Rate Rider for Deferral Variance Account Disposition (2008)
C2.2 Def Var Disp 2009	Show	To be used by distributor that had a Rate Rider for Deferral Variance Account Disposition (2009)
C2.3 Def Var Disp 2010	Show	To be used by distributor that had a Rate Rider for Deferral Variance Account Disposition (2010)
C2.4 LRAMSSM Recovery RateRider	Hide	To be used by distributor that had a Rate Rider for LRAM/SSM
C2.5 ForegoneRevenue Rate Rider	Hide	To be used by distributor that had a Rate Rider for Foregone Revenue
C2.6 Tax Change Rate Rider	Hide	To be used by distributor that had a Rate Rider for Shared Tax Savings
C3.1 Curr Low Voltage Vol Rt	Show	To be used by distributor that had a Rate Rider for Low Voltage Volumetric Rate
C3.2 Global Adjustment Elect	Hide	To be used by distributor that had a Rate Rider for GA Sub-Acct - Electricity
C3.3 Global Adjustment Del	Show	To be used by distributor that had a Rate Rider for GA Sub-Acct - Delivery
D1.2 Revenue Cost Ratio Adj	Hide	To be used by distributor that has a Revenue Cost Ratio Adjustment
J1.2 Smrt Grid Renew Gen Rt Add	Hide	To be used by distributor that is applying for a Rate Rider for Smart Grid / Renewable Generation Rate Adder
J2.1 Def Var Disp 2008	Hide	To be used by distributor that is applying for a Rate Rider for Deferral Variance Account Disposition (2008)
J2.2 Def Var Disp 2009	Hide	To be used by distributor that is applying for a Rate Rider for Deferral Variance Account Disposition (2009)
J2.3 Def Var Disp 2010	Show	To be used by distributor that is applying for a Rate Rider for Deferral Variance Account Disposition (2010)
J2.4 Def Var Disp 2011	Show	To be used by distributor that is applying for a Rate Rider for Deferral Variance Account Disposition (2011)
J2.5 LRAMSSM Recovery RateRider	Show	To be used by distributor that is applying for a Rate Rider for LRAM/SSM
J2.6 ForegoneRevenue Rate Rider	Hide	To be used by distributor that is continuing a Rate Rider for Foregone Revenue
J2.7 Tax Change Rate Rider	Show	To be used by distributor that is applying for a Rate Rider for Shared Tax Savings
J2.8 Incr Capital Rate Rider	Hide	To be used by distributor that is applying for a Rate Rider for Incremental Capital
J3.1 App For Low Voltage Vol Rt	Show	To be used by distributor that is applying for a Rate Rider for Low Voltage Volumetric Rate
J3.2 Global Adjust Elec 2010	Hide	To be used by distributor that is applying for a Rate Rider for GA Sub-Acct - Electricity 2010
J3.21 Global Adjust Elec 2011	Hide	To be used by distributor that is applying for a Rate Rider for GA Sub-Acct - Electricity 2011
J3.3 Global Adjust Del 2010	Show	To be used by distributor that is applying for a Rate Rider for GA Sub-Acct - Delivery 2010
J3.31 Global Adjust Del 2011	Show	To be used by distributor that is applying for a Rate Rider for GA Sub-Acct - Delivery 2011



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Current and Applied For Rate Classes

Rate Group	Rate Class	Fixed Metric	Vol Metric
RES	Residential	Customer -12 per year	kWh
GSLT50	General Service Less Than 50 kW	Customer -12 per year	kWh
GSGT50	General Service 50 to 4,999 kW	Customer -12 per year	kWh
USL	Unmetered Scattered Load	Customer -12 per year	kWh
Sen	Sentinel Lighting	Connection -12 per year	kWh
SL	Street Lighting	Connection -12 per year	kWh
NA	Rate Class 7	NA	NA
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





**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Current Smart Meter Funding Adder

Rate Adder	Smart Meters
Tariff Sheet Disclosure	Yes
Metric Applied To	Metered Customers
Method of Application	Uniform Service Charge
Uniform Service Charge Amount	2.00

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	2.000000	Customer -12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	2.000000	Customer -12 per year	0.000000	kWh
General Service 50 to 4,999 kW	Yes	2.000000	Customer -12 per year	0.000000	kW



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Deferral Variance Account Disposition (2009)

Rate Rider

Def Var Disp 2009

Sunset Date

30/04/11

DD/MM/YYYY

Metric Applied To

All Customers

Method of Application

Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer -12 per year	-0.000400	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer -12 per year	-0.000500	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer -12 per year	-0.285000	kW
Unmetered Scattered Load	Yes	0.000000	Customer -12 per year	-0.000300	kWh
Sentinel Lighting	Yes	0.000000	Connection -12 per year	1.061800	kW
Street Lighting	Yes	0.000000	Connection -12 per year	-0.020500	kW



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Deferral Variance Account Disposition (2010)

Rate Rider

Def Var Disp 2010

Sunset Date

30/04/12

DD/MM/YYYY

Metric Applied To

All Customers

Method of Application

Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer -12 per year	-0.000700	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer -12 per year	-0.000700	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer -12 per year	-0.267900	kW
Unmetered Scattered Load	Yes	0.000000	Customer -12 per year	-0.000600	kWh
Sentinel Lighting	Yes	0.000000	Connection -12 per year	-0.219000	kW
Street Lighting	Yes	0.000000	Connection -12 per year	-0.236800	kW



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Current Low Voltage Volumetric Rate

Rate Description	Low Voltage Volumetric Rate
Select Tariff Sheet Disclosure	Yes - Shown on Tariff Sheet
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class		Current Low Voltage
Residential	kWh	0.001500
General Service Less Than 50 kW	kWh	0.001300
General Service 50 to 4,999 kW	kW	0.501200
Unmetered Scattered Load	kWh	0.001300
Sentinel Lighting	kW	0.386400
Street Lighting	kW	0.387300



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Current Rate Rider for Global Adjustment Sub-Account Disposition - Delivery Component

Rate Rider: GA Sub-Acct - Delivery  
 Sunset Date: 30/04/2012  
DD/MM/YYYY  
 Metric Applied To: All Customers  
 Method of Application: Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	No	0.000000	Customer -12 per year	0.000000	kWh
General Service Less Than 50 kW	No	0.000000	Customer -12 per year	0.000000	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer -12 per year	0.554800	kW
Unmetered Scattered Load	No	0.000000	Customer -12 per year	0.000000	kWh
Sentinel Lighting	No	0.000000	Connection -12 per year	0.000000	kW
Street Lighting	No	0.000000	Connection -12 per year	0.000000	kW



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Current Rates and Charges

Rate Class

### Residential

Rate Description	Metric	Rate
Service Charge	\$	11.66
Service Charge Smart Meters	\$	2.00
Distribution Volumetric Rate	\$/kWh	0.0194
Low Voltage Volumetric Rate	\$/kWh	0.0015
Distribution Volumetric Def Var Disp 2009 – effective until Friday, April 11, 1930	\$/kWh	(0.00040)
Distribution Volumetric Def Var Disp 2010 – effective until Saturday, April 12, 1930	\$/kWh	(0.00070)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0054
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0046
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

### General Service Less Than 50 kW

Rate Description	Metric	Rate
Service Charge	\$	14.70
Service Charge Smart Meters	\$	2.00
Distribution Volumetric Rate	\$/kWh	0.0154

Low Voltage Volumetric Rate	\$/kWh	0.0013
Distribution Volumetric Def Var Disp 2009 – effective until Friday, April 11, 1930	\$/kWh	(0.00050)
Distribution Volumetric Def Var Disp 2010 – effective until Saturday, April 12, 1930	\$/kWh	(0.00070)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0049
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

**General Service 50 to 4,999 kW**

Rate Description	Metric	Rate
Service Charge	\$	57.87
Service Charge Smart Meters	\$	2.00
Distribution Volumetric Rate	\$/kW	2.9640
	\$/kW	
Low Voltage Volumetric Rate	\$/kW	0.5012
Distribution Volumetric Def Var Disp 2009 – effective until Friday, April 11, 1930	\$/kW	(0.28500)
Distribution Volumetric Def Var Disp 2010 – effective until Saturday, April 12, 1930	\$/kW	(0.26790)
Retail Transmission Rate – Network Service Rate	\$/kW	2.0433
	\$/kW	0.0000
	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.6676
	\$/kW	0.0000
	\$/kW	0.0000
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

**Unmetered Scattered Load**

Rate Description	Metric	Rate
Service Charge (per Customer)	\$	24.48
Distribution Volumetric Rate	\$/kWh	0.0264
Low Voltage Volumetric Rate	\$/kWh	0.0013
Distribution Volumetric Def Var Disp 2009 – effective until Friday, April 11, 1930	\$/kWh	(0.00030)
Distribution Volumetric Def Var Disp 2010 – effective until Saturday, April 12, 1930	\$/kWh	(0.00060)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0049
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

**Sentinel Lighting**

Rate Description	Metric	Rate
Service Charge (per connection)	\$	21.48
Distribution Volumetric Rate	\$/kW	38.0387
Low Voltage Volumetric Rate	\$/kW	0.3864
Distribution Volumetric Def Var Disp 2009 – effective until Friday, April 11, 1930	\$/kW	1.06180
Distribution Volumetric Def Var Disp 2010 – effective until Saturday, April 12, 1930	\$/kW	(0.21900)
Retail Transmission Rate – Network Service Rate	\$/kW	1.5489
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3161
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

**Street Lighting**

Rate Description	Metric	Rate
Service Charge (per connection)	\$	3.69
Distribution Volumetric Rate	\$/kW	8.5358
Low Voltage Volumetric Rate	\$/kW	0.3873
Distribution Volumetric Def Var Disp 2009 – effective until Friday, April 11, 1930	\$/kW	(0.02050)
Distribution Volumetric Def Var Disp 2010 – effective until Saturday, April 12, 1930	\$/kW	(0.23680)
Retail Transmission Rate – Network Service Rate	\$/kW	1.5411
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2892
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25





**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Base Distribution Rates

### Service Charge

Class	Metric	Current Rates	Current Base Rates
Residential	Customer -12 per year	11.660000	11.660000
General Service Less Than 50 kW	Customer -12 per year	14.700000	14.700000
General Service 50 to 4,999 kW	Customer -12 per year	57.870000	57.870000
Unmetered Scattered Load	Customer -12 per year	24.480000	24.480000
Sentinel Lighting	Connection -12 per year	21.480000	21.480000
Street Lighting	Connection -12 per year	3.690000	3.690000

### Distribution Volumetric Rate

Class	Metric	Current Rates	Current Base Rates
Residential	kWh	0.019400	0.019400
General Service Less Than 50 kW	kWh	0.015400	0.015400
General Service 50 to 4,999 kW	kW	2.964000	2.964000
Unmetered Scattered Load	kWh	0.026400	0.026400
Sentinel Lighting	kW	38.038700	38.038700
Street Lighting	kW	8.535800	8.535800



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Rate Rebalanced Base Distribution Rates

### Monthly Service Charge

Class	Metric	Base Rate	Revenue Cost Ratio	Rate ReBal Base
Residential	Customer -12 per year	11.660000	0.000000	11.660000
General Service Less Than 50 kW	Customer -12 per year	14.700000	0.000000	14.700000
General Service 50 to 4,999 kW	Customer -12 per year	57.870000	0.000000	57.870000
Unmetered Scattered Load	Customer -12 per year	24.480000	0.000000	24.480000
Sentinel Lighting	Connection -12 per year	21.480000	0.000000	21.480000
Street Lighting	Connection -12 per year	3.690000	0.000000	3.690000

### Volumetric Distribution Charge

Class	Metric	Base Rate	Revenue Cost Ratio	Rate ReBal Base
Residential	kWh	0.019400	0.000000	0.019400
General Service Less Than 50 kW	kWh	0.015400	0.000000	0.015400
General Service 50 to 4,999 kW	kWh	2.964000	0.000000	2.964000
Unmetered Scattered Load	kWh	0.026400	0.000000	0.026400
Sentinel Lighting	kW	38.038700	0.000000	38.038700
Street Lighting	kW	8.535800	0.000000	8.535800



Name of LDC: Midland Power Utility Corporation  
File Number: EB-2010-0099  
Effective Date: Sunday, May 01, 2011  
Version : 1.9

## GDP-IPI Price Cap Adjustment Worksheet

### Price Cap Index

Price Escalator (GDP-IPI)	1.30%
Less Productivity Factor	-0.72%
Less Stretch Factor	-0.40%
<b>Price Cap Index</b>	<b>0.18%</b>



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## GDP-IPI Price Cap Adjustment to Rates

Price Cap Adjustment	Price Cap Adjustment		
Metric Applied To	All Customers		
Method of Application	Both Uniform%		
Uniform Service Charge Percent	0.180%	Uniform Volumetric Charge Percent	0.180% kWh 0.180% kW

### Monthly Service Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	Customer -12 per year	11.660000	Yes	0.180%	0.020988
General Service Less Than 50 kW	Customer -12 per year	14.700000	Yes	0.180%	0.026460
General Service 50 to 4,999 kW	Customer -12 per year	57.870000	Yes	0.180%	0.104166
Unmetered Scattered Load	Customer -12 per year	24.480000	Yes	0.180%	0.044064
Sentinel Lighting	Connection -12 per year	21.480000	Yes	0.180%	0.038664
Street Lighting	Connection -12 per year	3.690000	Yes	0.180%	0.006642

### Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	kWh	0.019400	Yes	0.180%	0.000035
General Service Less Than 50 kW	kWh	0.015400	Yes	0.180%	0.000028
General Service 50 to 4,999 kW	kW	2.964000	Yes	0.180%	0.005335
Unmetered Scattered Load	kWh	0.026400	Yes	0.180%	0.000048
Sentinel Lighting	kW	38.038700	Yes	0.180%	0.068470
Street Lighting	kW	8.535800	Yes	0.180%	0.015364



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## After Price Cap Base Distribution Rates General

### Monthly Service Charge

Class	Metric	Base Rate	Price Cap Adjustment	After Price Cape Base
Residential	Customer -12 per year	11.660000	0.020988	11.680988
General Service Less Than 50 kW	Customer -12 per year	14.700000	0.026460	14.726460
General Service 50 to 4,999 kW	Customer -12 per year	57.870000	0.104166	57.974166
Unmetered Scattered Load	Customer -12 per year	24.480000	0.044064	24.524064
Sentinel Lighting	Connection -12 per year	21.480000	0.038664	21.518664
Street Lighting	Connection -12 per year	3.690000	0.006642	3.696642

### Volumetric Distribution Charge

Class	Metric	Base Rate	Price Cap Adjustment	After Price Cape Base
Residential	kWh	0.019400	0.000035	0.019435
General Service Less Than 50 kW	kWh	0.015400	0.000028	0.015428
General Service 50 to 4,999 kW	kWh	2.964000	0.005335	2.969335
Unmetered Scattered Load	kWh	0.026400	0.000048	0.026448
Sentinel Lighting	kW	38.038700	0.068470	38.107170
Street Lighting	kW	8.535800	0.015364	8.551164



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Applied For Smart Meter Funding Adder

Rate Adder	Smart Meters
Tariff Sheet Disclosure	Yes
Metric Applied To	Metered Customers
Method of Application	Uniform Service Charge
Uniform Service Charge Amount	2.00

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	2.000000	Customer -12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	2.000000	Customer -12 per year	0.000000	kWh
General Service 50 to 4,999 kW	Yes	2.000000	Customer -12 per year	0.000000	kW



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Deferral Variance Account Disposition (2010)

Rate Rider

Def Var Disp 2010

Sunset Date

30/04/2012

DD/MM/YYYY

Metric Applied To

All Customers

Method of Application

Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer -12 per year	-0.000700	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer -12 per year	-0.000700	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer -12 per year	-0.267900	kWh
Unmetered Scattered Load	Yes	0.000000	Customer -12 per year	-0.000600	kWh
Sentinel Lighting	Yes	0.000000	Connection -12 per year	-0.219000	kWh
Street Lighting	Yes	0.000000	Connection -12 per year	-0.236800	kWh



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Deferral Variance Account Disposition (2011)

Rate Rider

Def Var Disp 2011

Sunset Date

April 30, 2012  
DD/MM/YYYY

Metric Applied To

All Customers

Method of Application

Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer -12 per year	-0.000160	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer -12 per year	-0.000160	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer -12 per year	-0.063390	kW
Unmetered Scattered Load	Yes	0.000000	Customer -12 per year	-0.000160	kWh
Sentinel Lighting	Yes	0.000000	Connection -12 per year	-0.047610	kW
Street Lighting	Yes	0.000000	Connection -12 per year	-0.060100	kW





**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery Rate Rider

Rate Rider	Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery
Sunset Date	30/04/2012 <small>DD/MM/YYYY</small>
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer -12 per year	0.001800	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer -12 per year	0.000500	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer -12 per year	0.345900	kW
Unmetered Scattered Load	Yes	0.000000	Customer -12 per year	0.004400	kWh
Sentinel Lighting	No	0.000000	Connection -12 per year	0.000000	kW
Street Lighting	No	0.000000	Connection -12 per year	0.000000	kW



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Tax Change Rate Rider

Rate Rider

Tax Change

Sunset Date

DD/MM/YYYY

Metric Applied To

All Customers

Method of Application

Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	No	0.000000	Customer -12 per year	0.000000	kWh
General Service Less Than 50 kW	No	0.000000	Customer -12 per year	0.000000	kWh
General Service 50 to 4,999 kW	No	0.000000	Customer -12 per year	0.000000	kW
Unmetered Scattered Load	No	0.000000	Customer -12 per year	0.000000	kWh
Sentinel Lighting	No	0.000000	Connection -12 per year	0.000000	kW
Street Lighting	No	0.000000	Connection -12 per year	0.000000	kW



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Applied For Low Voltage Volumetric Rate

Rate Description	Low Voltage Volumetric Rate
Select Tariff Sheet Disclosure	Shown on Tariff Sheet
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class		Applied for Low Voltage
Residential	kWh	0.001500
General Service Less Than 50 kW	kWh	0.001300
General Service 50 to 4,999 kW	kW	0.501200
Unmetered Scattered Load	kWh	0.001300
Sentinel Lighting	kW	0.386400
Street Lighting	kW	0.387300



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Applied For Rate Rider for Global Adjustment Sub-Account Disposition - Delivery Component 2010

Rate Rider	GA Sub-Acct - Delivery 2010
Sunset Date	DD/MM/YYYY
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	No	0.000000	Customer -12 per year	0.000000	kWh
General Service Less Than 50 kW	No	0.000000	Customer -12 per year	0.000000	kWh
General Service 50 to 4,999 kW	No	0.000000	Customer -12 per year	0.000000	kW
Unmetered Scattered Load	No	0.000000	Customer -12 per year	0.000000	kWh
Sentinel Lighting	No	0.000000	Connection -12 per year	0.000000	kW
Street Lighting	No	0.000000	Connection -12 per year	0.000000	kW



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Applied For Rate Rider for Global Adjustment Sub-Account Disposition - Delivery Component 2011

Rate Rider: GA Sub-Acct - Delivery 2011  
 Sunset Date: 30/04/2013  
DD/MM/YYYY  
 Metric Applied To: All Customers  
 Method of Application: Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	No	0.000000	Customer -12 per year	0.000000	kWh
General Service Less Than 50 kW	No	0.000000	Customer -12 per year	0.000000	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer -12 per year	0.539570	kW
Unmetered Scattered Load	No	0.000000	Customer -12 per year	0.000000	kWh
Sentinel Lighting	No	0.000000	Connection -12 per year	0.000000	kW
Street Lighting	No	0.000000	Connection -12 per year	0.000000	kW



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Applied For RTSR - Network

Method of Application

Distinct Dollar

Rate Class	Applied to Class				
<b>Residential</b>	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kWh	0.005400	0.000%	0.000178	0.005578

Rate Class	Applied to Class				
<b>General Service Less Than 50 kW</b>	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kWh	0.004900	0.000%	0.000162	0.005062

Rate Class	Applied to Class				
<b>General Service 50 to 4,999 kW</b>	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kW	2.043300	0.000%	0.067411	2.110711

Rate Class	Applied to Class				
<b>Unmetered Scattered Load</b>	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kWh	0.004900	0.000%	0.000162	0.005062

Rate Class	Applied to Class				
<b>Sentinel Lighting</b>	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kW	1.548900	0.000%	0.051100	1.600000

Rate Class	Applied to Class				
<b>Street Lighting</b>	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kW	1.541100	0.000%	0.050843	1.591943



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Applied For RTSR - Connection

Method of Application

Distinct Dollar

Rate Class	Applied to Class
<b>Residential</b>	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.004600	0.000%	-0.000112	0.004488

Rate Class	Applied to Class
<b>General Service Less Than 50 kW</b>	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.004200	0.000%	-0.000102	0.004098

Rate Class	Applied to Class
<b>General Service 50 to 4,999 kW</b>	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.667600	0.000%	-0.040534	1.627066

Rate Class	Applied to Class
<b>Unmetered Scattered Load</b>	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.004200	0.000%	-0.000102	0.004098

Rate Class	Applied to Class
<b>Sentinel Lighting</b>	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.316100	0.000%	-0.031990	1.284110

Rate Class	Applied to Class
<b>Street Lighting</b>	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.289200	0.000%	-0.031336	1.257864



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## microFIT Generator

**Rate Class**

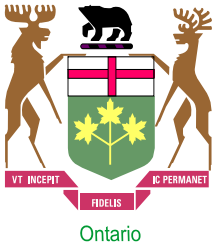
**microFIT Generator**

**Rate Description**

Service Charge

<b>Fixed Metric</b>	<b>Rate</b>
\$	5.25





**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Applied For Monthly Rates and Charges

Rate Class

### Residential

Rate Description	Metric	Rate
Service Charge	\$	11.68
Service Charge Smart Meters	\$	2.00
Distribution Volumetric Rate	\$/kWh	0.0194
Low Voltage Volumetric Rate	\$/kWh	0.0015
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kWh	(0.00070)
Distribution Volumetric Def Var Disp 2011 – effective until Monday, April 30, 2012	\$/kWh	(0.00016)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSI)	\$/kWh	0.00180
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0056
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

### General Service Less Than 50 kW

Rate Description	Metric	Rate
Service Charge	\$	14.73
Service Charge Smart Meters	\$	2.00
Distribution Volumetric Rate	\$/kWh	0.0154

Low Voltage Volumetric Rate	\$/kWh	0.0013
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kWh	(0.00070)
Distribution Volumetric Def Var Disp 2011 – effective until Monday, April 30, 2012	\$/kWh	(0.00016)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSI)	\$/kWh	0.00050
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0051
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0041
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

**General Service 50 to 4,999 kW**

Rate Description	Metric	Rate
Service Charge	\$	57.97
Service Charge Smart Meters	\$	2.00
Distribution Volumetric Rate	\$/kW	2.9693
Low Voltage Volumetric Rate	\$/kW	0.5012
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kW	(0.26790)
Distribution Volumetric Def Var Disp 2011 – effective until Monday, April 30, 2012	\$/kW	(0.06339)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSI)	\$/kW	0.34590
Retail Transmission Rate – Network Service Rate	\$/kW	2.1107
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.6271
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

**Unmetered Scattered Load**

Rate Description	Metric	Rate
Service Charge (per Customer)	\$	24.52
Distribution Volumetric Rate	\$/kWh	0.0264
Low Voltage Volumetric Rate	\$/kWh	0.0013
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kWh	(0.00060)
Distribution Volumetric Def Var Disp 2011 – effective until Monday, April 30, 2012	\$/kWh	(0.00016)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSI)	\$/kWh	0.00440
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0051
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0041
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

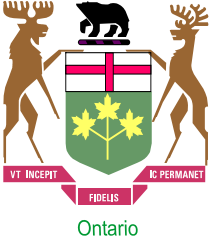
**Sentinel Lighting**

Rate Description	Metric	Rate
Service Charge (per connection)	\$	21.52
Distribution Volumetric Rate	\$/kW	38.1072
Low Voltage Volumetric Rate	\$/kW	0.3864
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kW	(0.21900)
Distribution Volumetric Def Var Disp 2011 – effective until Monday, April 30, 2012	\$/kW	(0.04761)
Retail Transmission Rate – Network Service Rate	\$/kW	1.6000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2841
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

#### Rate Class

### Street Lighting

Rate Description	Metric	Rate
Service Charge (per connection)	\$	3.70
Distribution Volumetric Rate	\$/kW	8.5512
Low Voltage Volumetric Rate	\$/kW	0.3873
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kW	(0.23680)
Distribution Volumetric Def Var Disp 2011 – effective until Monday, April 30, 2012	\$/kW	(0.06010)
Retail Transmission Rate – Network Service Rate	\$/kW	1.5919
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2579
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

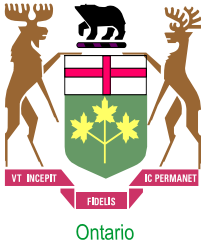
## Current and Applied For Loss Factors

### LOSS FACTORS

Current

Total Loss Factor - Secondary Metered Customer < 5,000 kW  
Total Loss Factor - Secondary Metered Customer > 5,000 kW  
Total Loss Factor - Primary Metered Customer < 5,000 kW  
Total Loss Factor - Primary Metered Customer > 5,000 kW

1.0651  
n/a  
1.0545  
n/a



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Summary of Changes To Service Charge and Distribi

	Fixed	Volumetric
<b>Residential</b>	(\$)	\$/kWh
<b>Current Tariff Distribution Rates</b>	<b>11.66</b>	<b>0.0194</b>
<b>Current Base Distribution Rates</b>	<b>11.66</b>	<b>0.0194</b>
Price Cap Adjustments		
Price Cap Adjustment	0.02	0.0000
<b>Total Price Cap Adjustments</b>	<b>0.02</b>	<b>0.0000</b>
<b>Applied For Base Distribution Rates</b>	<b>11.68</b>	<b>0.0194</b>
<b>Applied For Tariff Distribution Rates</b>	<b>11.68</b>	<b>0.0194</b>
	0.00	0.0000

	Fixed	Volumetric
<b>General Service Less Than 50 kW</b>	(\$)	\$/kWh
<b>Current Tariff Rates</b>	<b>14.70</b>	<b>0.0154</b>
<b>Current Base Distribution Rates</b>	<b>14.70</b>	<b>0.02</b>

Price Cap Adjustments		
Price Cap Adjustment	0.03	0.0000
<b>Total Price Cap Adjustments</b>	<b>0.03</b>	<b>0.0000</b>
<b>Applied For Base Distribution Rates</b>	<b>14.73</b>	<b>0.0154</b>
<b>Applied For Tariff Distribution Rates</b>	<b>14.73</b>	<b>0.0154</b>
	0.00	0.0000

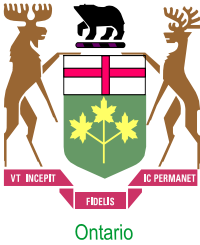
	Fixed	Volumetric
	(\$)	\$/kW
<b>General Service 50 to 4,999 kW</b>		
<b>Current Tariff Rates</b>	<b>57.87</b>	<b>2.9640</b>
<b>Current Base Distribution Rates</b>	<b>57.87</b>	<b>2.96</b>
Price Cap Adjustments		
Price Cap Adjustment	0.10	0.0053
<b>Total Price Cap Adjustments</b>	<b>0.10</b>	<b>0.0053</b>
<b>Applied For Base Distribution Rates</b>	<b>57.97</b>	<b>2.9693</b>
<b>Applied For Tariff Distribution Rates</b>	<b>57.97</b>	<b>2.9693</b>
	0.00	0.0000

	Fixed	Volumetric
	(\$)	\$/kWh
<b>Unmetered Scattered Load</b>		
<b>Current Tariff Rates</b>	<b>24.48</b>	<b>0.0264</b>
<b>Current Base Distribution Rates</b>	<b>24.48</b>	<b>0.03</b>
Price Cap Adjustments		
Price Cap Adjustment	0.04	0.0000
<b>Total Price Cap Adjustments</b>	<b>0.04</b>	<b>0.0000</b>
<b>Applied For Base Distribution Rates</b>	<b>24.52</b>	<b>0.0264</b>
<b>Applied For Tariff Distribution Rates</b>	<b>24.52</b>	<b>0.0264</b>
	0.00	0.0000

	Fixed	Volumetric
	(\$)	\$/kW
<b>Sentinel Lighting</b>		
<b>Current Tariff Rates</b>	<b>21.48</b>	<b>38.0387</b>
<b>Current Base Distribution Rates</b>	<b>21.48</b>	<b>38.04</b>
Price Cap Adjustments		
Price Cap Adjustment	0.04	0.0685
<b>Total Price Cap Adjustments</b>	<b>0.04</b>	<b>0.0685</b>

<b>Applied For Base Distribution Rates</b>	<b>21.52</b>	<b>38.1072</b>
<b>Applied For Tariff Distribution Rates</b>	<b>21.52</b>	<b>38.1072</b>
	0.00	0.0000

	Fixed	Volumetric
<b>Street Lighting</b>	(\$)	\$/kW
<b>Current Tariff Rates</b>	<b>3.69</b>	<b>8.5358</b>
<b>Current Base Distribution Rates</b>	<b>3.69</b>	<b>8.54</b>
Price Cap Adjustments		
Price Cap Adjustment	0.01	0.0154
<b>Total Price Cap Adjustments</b>	<b>0.01</b>	<b>0.0154</b>
<b>Applied For Base Distribution Rates</b>	<b>3.69</b>	<b>8.5358</b>
<b>Applied For Tariff Distribution Rates</b>	<b>3.70</b>	<b>8.5512</b>
	0.00	0.0000



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Summary of Changes To Tariff Rate Ad

	Fixed	Volumetric
<b>Residential</b>	(\$)	\$/kWh
<b>Current Tariff Rates Adders</b>		
Smart Meters	2.00	0.0000
<b>Total Current Tariff Rates Adders</b>	<b>2.00</b>	<b>0.0000</b>

	Fixed	Volumetric
<b>Residential</b>	(\$)	\$/kWh
<b>Proposed Tariff Rates Adders</b>		
Smart Meters	2.00	0.0000
<b>Total Proposed Tariff Rates Adders</b>	<b>2.00</b>	<b>0.0000</b>

	Fixed	Volumetric
<b>General Service Less Than 50 kW</b>	(\$)	\$/kWh
<b>Current Tariff Rates Adders</b>		
Smart Meters	2.00	0.0000
<b>Total Current Tariff Rates Adders</b>	<b>2.00</b>	<b>0.0000</b>

	Fixed	Volumetric
<b>General Service Less Than 50 kW</b>	(\$)	\$
<b>Proposed Tariff Rates Adders</b>		
Smart Meters	2.00	0.0000
<b>Total Proposed Tariff Rates Adders</b>	<b>2.00</b>	<b>0.0000</b>

	Fixed	Volumetric
<b>General Service 50 to 4,999 kW</b>	(\$)	\$



<b>Current Tariff Rates Adders</b>		
Smart Meters	2.00	0.0000
<b>Total Current Tariff Rates Adders</b>	<b>2.00</b>	<b>0.0000</b>

	Fixed	Volumetric
<b>General Service 50 to 4,999 kW</b>	(\$)	\$
<b>Proposed Tariff Rates Adders</b>		
Smart Meters	2.00	0.0000
<b>Total Proposed Tariff Rates Adders</b>	<b>2.00</b>	<b>0.0000</b>

	Fixed	Volumetric
<b>Unmetered Scattered Load</b>	(\$)	\$/kWh
<b>Current Tariff Rates Adders</b>		
<b>Total Current Tariff Rates Adders</b>	<b>0.00</b>	<b>0.0000</b>

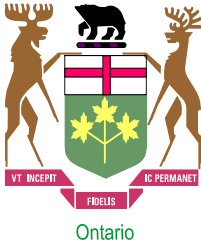
	Fixed	Volumetric
<b>Unmetered Scattered Load</b>	(\$)	0
<b>Proposed Tariff Rates Adders</b>		
<b>Total Proposed Tariff Rates Adders</b>	<b>0.00</b>	<b>0.0000</b>

	Fixed	Volumetric
<b>Sentinel Lighting</b>	(\$)	\$/kWh
<b>Current Tariff Rates Adders</b>		
<b>Total Current Tariff Rates Adders</b>	<b>0.00</b>	<b>0.0000</b>

	Fixed	Volumetric
<b>Sentinel Lighting</b>	(\$)	0
<b>Proposed Tariff Rates Adders</b>		
<b>Total Proposed Tariff Rates Adders</b>	<b>0.00</b>	<b>0.0000</b>

	Fixed	Volumetric
<b>Street Lighting</b>	(\$)	0
<b>Current Tariff Rates Adders</b>		
<b>Total Current Tariff Rates Adders</b>	<b>0.00</b>	<b>0.0000</b>

	Fixed	Volumetric
<b>Street Lighting</b>	(\$)	\$/kW
<b>Proposed Tariff Rates Adders</b>		
<b>Total Proposed Tariff Rates Adders</b>	<b>0.00</b>	<b>0.0000</b>



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Summary of Changes To Tariff Rate Riders

	Fixed	Volumetric
	(\$)	\$/kWh
<b>Residential</b>		
<b>Current Tariff Rates Riders</b>		
Def Var Disp 2009	0.00	-0.0004
Def Var Disp 2010	0.00	-0.0007
<b>Total Current Tariff Rates Riders</b>	<b>0.00</b>	<b>-0.0011</b>

	Fixed	Volumetric
	(\$)	\$/kWh
<b>Residential</b>		
<b>Proposed Tariff Rates Riders</b>		
Def Var Disp 2010	0.00	-0.0007
Def Var Disp 2011	0.00	-0.0002
Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery	0.00	0.0018
<b>Total Proposed Tariff Rates Riders</b>	<b>0.00</b>	<b>0.0009</b>

	Fixed	Volumetric
	(\$)	\$/kWh
<b>General Service Less Than 50 kW</b>		
<b>Current Tariff Rates Riders</b>		
Def Var Disp 2009	0.00	-0.0005
Def Var Disp 2010	0.00	-0.0007
<b>Total Current Tariff Rates Riders</b>	<b>0.00</b>	<b>-0.0012</b>

	Fixed	Volumetric
	(\$)	\$
<b>General Service Less Than 50 kW</b>		
<b>Proposed Tariff Rates Riders</b>		
Def Var Disp 2010	0.00	-0.0007
Def Var Disp 2011	0.00	-0.0002
Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery	0.00	0.0005
<b>Total Proposed Tariff Rates Riders</b>	<b>0.00</b>	<b>-0.0004</b>

	Fixed	Volumetric
	(\$)	\$
<b>General Service 50 to 4,999 kW</b>		
<b>Current Tariff Rates Riders</b>		
Def Var Disp 2009	0.00	-0.2850
Def Var Disp 2010	0.00	-0.2679
<b>Total Current Tariff Rates Riders</b>	<b>0.00</b>	<b>-0.5529</b>

	Fixed	Volumetric
	(\$)	\$
<b>General Service 50 to 4,999 kW</b>		
<b>Proposed Tariff Rates Riders</b>		
Def Var Disp 2010	0.00	-0.2679
Def Var Disp 2011	0.00	-0.0634
Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery	0.00	0.3459
<b>Total Proposed Tariff Rates Riders</b>	<b>0.00</b>	<b>0.0146</b>

Fixed	Volumetric
-------	------------

<b>Unmetered Scattered Load</b>	(\$)	\$/kWh
<b>Current Tariff Rates Riders</b>		
Def Var Disp 2009	0.00	-0.0003
Def Var Disp 2010	0.00	-0.0006
<b>Total Current Tariff Rates Riders</b>	<b>0.00</b>	<b>-0.0009</b>

	Fixed (\$)	Volumetric
<b>Unmetered Scattered Load</b>	(\$)	0
<b>Proposed Tariff Rates Riders</b>		
Def Var Disp 2010	0.00	-0.0006
Def Var Disp 2011	0.00	-0.0002
Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery	0.00	0.0044
<b>Total Proposed Tariff Rates Riders</b>	<b>0.00</b>	<b>0.0036</b>

	Fixed (\$)	Volumetric
<b>Sentinel Lighting</b>	(\$)	\$/kWh
<b>Current Tariff Rates Riders</b>		
Def Var Disp 2009	0.00	1.0618
Def Var Disp 2010	0.00	-0.2190
<b>Total Current Tariff Rates Riders</b>	<b>0.00</b>	<b>0.8428</b>

	Fixed (\$)	Volumetric
<b>Sentinel Lighting</b>	(\$)	0
<b>Proposed Tariff Rates Riders</b>		
Def Var Disp 2010	0.00	-0.2190
Def Var Disp 2011	0.00	-0.0476
<b>Total Proposed Tariff Rates Riders</b>	<b>0.00</b>	<b>-0.2666</b>

	Fixed (\$)	Volumetric
<b>Street Lighting</b>	(\$)	0
<b>Current Tariff Rates Riders</b>		
Def Var Disp 2009	0.00	-0.0205
Def Var Disp 2010	0.00	-0.2368

<b>Total Current Tariff Rates Riders</b>	<b>0.00</b>	<b>-0.2573</b>
--	-------------	----------------

	Fixed	Volumetric
<b>Street Lighting</b>	(\$)	\$/kW
<b>Proposed Tariff Rates Riders</b>		
Def Var Disp 2010	0.00	-0.2368
Def Var Disp 2011	0.00	-0.0601
<b>Total Proposed Tariff Rates Riders</b>	<b>0.00</b>	<b>-0.2969</b>



Name of LDC: Midland Power Utility Corporation  
 File Number: EB-2010-0099  
 Effective Date: Sunday, May 01, 2011  
 Version : 1.9

### Calculation of Bill Impacts

RTSR Loss Adjusted Metered kWh	Yes
RTSR Loss Adjusted Metered kW	No

#### Street Lighting

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	3.69	3.70
Service Charge Rate Adder(s)	\$	-	-
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	8.5358	8.5512
Distribution Volumetric Rate Adder(s)	\$/kWh	-	-
Low Voltage Volumetric Rate	\$/kWh	0.3873	0.3873
Distribution Volumetric Rate Rider(s)	\$/kWh	-0.2573	-0.2969
Retail Transmission Rate – Network Service Rate	\$/kWh	1.5411	1.5919
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	1.2892	1.2579
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Special Purpose Charge	\$/kWh	0.0004	0.0004
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

Consumption	37 kWh	0.10 kW
RPP Tier One	750 kWh	Load Factor 50.7%

Loss Factor 1.0651

Street Lighting	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	40	0.0650	2.60	40	0.0650	2.60	0.00	0.0%	27.90%
Energy Second Tier (kWh)	0	0.0750	0.00	0	0.0750	0.00	0.00	0.0%	0.00%
<b>Sub-Total: Energy</b>			<b>2.60</b>			<b>2.60</b>	<b>0.00</b>	<b>0.0%</b>	<b>27.90%</b>
Service Charge	1	3.69	3.69	1	3.70	3.70	0.01	0.3%	39.70%
Service Charge Rate Adder(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	0.10	8.5358	0.85	0.10	8.5512	0.86	0.01	1.2%	9.23%
Distribution Volumetric Rate Adder(s)	0.10	0.0000	0.00	0.10	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	0.10	0.3873	0.04	0.10	0.3873	0.04	0.00	0.0%	0.43%
Distribution Volumetric Rate Rider(s)	0.10	-0.2573	-0.03	0.10	-0.2969	-0.03	0.00	0.0%	-0.32%
<b>Total: Distribution</b>			<b>4.55</b>			<b>4.57</b>	<b>0.02</b>	<b>0.4%</b>	<b>49.03%</b>
Retail Transmission Rate – Network Service Rate	0.10	1.5411	0.15	0.10	1.5919	0.16	0.01	6.7%	1.72%
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.10	1.2892	0.13	0.10	1.2579	0.13	0.00	0.0%	1.39%
<b>Total: Retail Transmission</b>			<b>0.28</b>			<b>0.29</b>	<b>0.01</b>	<b>3.6%</b>	<b>3.11%</b>
<b>Sub-Total: Delivery (Distribution and Retail Transmission)</b>			<b>4.83</b>			<b>4.86</b>	<b>0.03</b>	<b>0.6%</b>	<b>52.15%</b>
Wholesale Market Service Rate	40	0.0052	0.21	40	0.0052	0.21	0.00	0.0%	2.25%
Rural Rate Protection Charge	40	0.0013	0.05	40	0.0013	0.05	0.00	0.0%	0.54%
Special Purpose Charge	40	0.0004	0.02	40	0.0004	0.02	0.00	0.0%	0.21%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	2.68%
<b>Sub-Total: Regulatory</b>			<b>0.53</b>			<b>0.53</b>	<b>0.00</b>	<b>0.0%</b>	<b>5.69%</b>
Debt Retirement Charge (DRC)	37	0.00700	0.26	37	0.00700	0.26	0.00	0.0%	2.79%
<b>Total Bill before Taxes</b>			<b>8.22</b>			<b>8.25</b>	<b>0.03</b>	<b>0.4%</b>	<b>88.52%</b>
HST	8.22	13%	1.07	8.25	13%	1.07	0.00	0.0%	11.48%
<b>Total Bill</b>			<b>9.29</b>			<b>9.32</b>	<b>0.03</b>	<b>0.3%</b>	<b>100.00%</b>

#### Rate Class Threshold Test

##### Street Lighting

kWh	37	73	110	146	183
Loss Factor Adjusted kWh	40	78	118	156	195
kW	0.10	0.20	0.30	0.40	0.50
Load Factor	50.7%	50.0%	50.3%	50.0%	50.2%

##### Energy

Applied For Bill	\$ 2.60	\$ 5.07	\$ 7.67	\$ 10.14	\$12.67
Current Bill	\$ 2.60	\$ 5.07	\$ 7.67	\$ 10.14	\$12.67
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	27.9%	36.3%	40.7%	43.2%	44.9%

##### Distribution

Applied For Bill	\$ 4.57	\$ 5.43	\$ 6.30	\$ 7.15	\$ 8.02
Current Bill	\$ 4.55	\$ 5.43	\$ 6.29	\$ 7.15	\$ 8.02
\$ Impact	\$ 0.02	\$ -	\$ 0.01	\$ -	\$ -
% Impact	0.4%	0.0%	0.2%	0.0%	0.0%
% of Total Bill	49.0%	38.8%	33.5%	30.5%	28.4%

##### Retail Transmission

Applied For Bill	\$ 0.29	\$ 0.57	\$ 0.86	\$ 1.14	\$ 1.43
Current Bill	\$ 0.28	\$ 0.57	\$ 0.85	\$ 1.14	\$ 1.41
\$ Impact	\$ 0.01	\$ -	\$ 0.01	\$ -	\$ 0.02
% Impact	3.6%	0.0%	1.2%	0.0%	1.4%
% of Total Bill	3.1%	4.1%	4.6%	4.9%	5.1%

##### Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 4.86	\$ 6.00	\$ 7.16	\$ 8.29	\$ 9.45
Current Bill	\$ 4.83	\$ 6.00	\$ 7.14	\$ 8.29	\$ 9.43
\$ Impact	\$ 0.03	\$ -	\$ 0.02	\$ -	\$ 0.02
% Impact	0.6%	0.0%	0.3%	0.0%	0.2%
% of Total Bill	52.1%	42.9%	38.0%	35.3%	33.5%

##### Regulatory

Applied For Bill	\$ 0.53	\$ 0.79	\$ 1.06	\$ 1.32	\$ 1.59
Current Bill	\$ 0.53	\$ 0.79	\$ 1.06	\$ 1.32	\$ 1.59
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.7%	5.7%	5.6%	5.6%	5.6%

##### Debt Retirement Charge

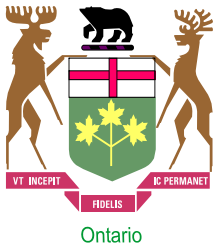
Applied For Bill	\$ 0.26	\$ 0.51	\$ 0.77	\$ 1.02	\$ 1.28
Current Bill	\$ 0.26	\$ 0.51	\$ 0.77	\$ 1.02	\$ 1.28
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	2.8%	3.6%	4.1%	4.3%	4.5%

##### GST

Applied For Bill	\$ 1.07	\$ 1.61	\$ 2.17	\$ 2.70	\$ 3.25
Current Bill	\$ 1.07	\$ 1.61	\$ 2.16	\$ 2.70	\$ 3.25
\$ Impact	\$ -	\$ -	\$ 0.01	\$ -	\$ -
% Impact	0.0%	0.0%	0.5%	0.0%	0.0%
% of Total Bill	11.5%	11.5%	11.5%	11.5%	11.5%

##### Total Bill

Applied For Bill	\$ 9.32	\$ 13.98	\$ 18.83	\$ 23.47	\$ 28.24
Current Bill	\$ 9.29	\$ 13.98	\$ 18.80	\$ 23.47	\$ 28.22
\$ Impact	\$ 0.03	\$ -	\$ 0.03	\$ -	\$ 0.02
% Impact	0.3%	0.0%	0.2%	0.0%	0.1%



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

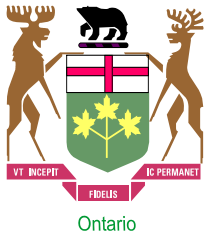
## Current and Applied For Allowances

### Allowances

	Metric	Current
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)







**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.9

## Current and Applied For Retail Service Charges

	Metric	Current
<b>Retail Service Charges (if applicable)</b>		
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)
<b>Service Transaction Requests (STR)</b>		
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

**IRM3 DEFERRAL AND  
VARIANCE ACCOUNT  
WORKFORM**



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 2.1

## LDC Information

<b>Applicant Name</b>	Midland Power Utility Corporation
<b>OEB Application Number</b>	EB-2010-0099
<b>LDC Licence Number</b>	ED-2002-0541
<b>Applied for Effective Date</b>	May 1, 2011
<b>Last COS Re-based Year</b>	2009
<b>Last COS OEB Application Number</b>	EB-2008-0236
<b>Billing Determinants</b>	2009 Audited RRR
<b>Global Adjustment Elections</b>	
<b>Global Adjustment Recovery Separate Distribution Charge</b>	Yes
<b>Global Adjustment Recovery as Electricity Component</b>	No



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 2.1

## Table of Contents

<b>Sheet Name</b>	<b>Purpose of Sheet</b>
<a href="#">A1.1 LDC Information</a>	Enter LDC Data
<a href="#">A2.1 Table of Contents</a>	Table of Contents
<a href="#">A3.1 Sheet Selection</a>	Set up worksheets for data input
<a href="#">B1.3 Rate Class And Bill Det</a>	Rate Class and 2008 Billing Determinants
<a href="#">C1.2 2009 Transfer to 1595 COS</a>	2009 Board Approved Transfer of 2007 Deferral/Variance accounts to 1595 COS
<a href="#">C1.4 2010 Transfer to 1595 IRM</a>	2011 Board Approved Transfer of 2008 Deferral/Variance accounts to 1595 IRM
<a href="#">D1.5 Def Var - Cont Sch 2009</a>	Deferral Variance - Continuity Schedule 2009
<a href="#">D1.6 Def Var - Con Sch Final</a>	Deferral Variance - Continuity Schedule Final
<a href="#">E1.1 Threshold Test</a>	Threshold Test
<a href="#">F1.1 Cost Allocation kWh</a>	Cost Allocation - kWh
<a href="#">F1.2 Cost Allocation Non-RPPkWh</a>	Cost Allocation - Non-RPP kWh
<a href="#">G1.1a Calculation Rate Rider</a>	Calculation of Deferral Variance Recovery Rate Rider without Global Adjustment
<a href="#">G1.1b Dist Glob Adj Rate Rider</a>	Calculation of Delivery Component Global Adjustment Rate Rider
<a href="#">G1.2 Request for Clearance</a>	Request for Clearance of Deferral and Variance Accounts



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 2.1

## Sheet Selection - Show / Hide

Sheet	Show / Hide	Purpose of Sheet
B1.1 2006 Reg Assets	Hide	To be used by distributor that has not previously disposed Deferral / Variance Accounts
B1.2 2006 Reg Ass Prop Shr	Hide	To be used by distributor that has not previously disposed Deferral / Variance Accounts
C1.0 2006 Reg Asset Recovery	Hide	To be used by distributor that has not previously disposed Deferral / Variance Accounts
C1.1 2008 Transfer to 1595 COS	Hide	To be used by distributor that disposed Deferral / Variance Accounts in a 2008 COS
C1.2 2009 Transfer to 1595 COS	Show	To be used by distributor that disposed Deferral / Variance Accounts in a 2009 COS
C1.3 2010 Transfer to 1595 COS	Hide	To be used by distributor that disposed Deferral / Variance Accounts in a 2010 COS
C1.4 2010 Transfer to 1595 IRM	Show	To be used by distributor that disposed Deferral / Variance Accounts in a 2010 IRM
D1.1 Def Var - Cont Sch 2005	Hide	To be used by distributor that has not previously disposed 2005 Deferral / Variance Accounts
D1.2 Def Var - Cont Sch 2006	Hide	To be used by distributor that has not previously disposed 2006 Deferral / Variance Accounts
D1.3 Def Var - Cont Sch 2007	Hide	To be used by distributor that has not previously disposed 2007 Deferral / Variance Accounts
D1.4 Def Var - Cont Sch 2008	Hide	To be used by distributor that has not previously disposed 2008 Deferral / Variance Accounts
F1.3 Cost Allocation 1590	Hide	To be used by distributor that has not previously disposed of residual 1590 Account
F1.4 Cost Allocation 1595	Hide	To be used by a 2008 COS distributor that is clearing its one year Deferral /Varaince disposition rate rider



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 2.1

## Rate Class and Billing Determinants

### 2009 Audited RRR

Rate Group	Rate Class	Fixed Metric	Vol Metric	Metered kWh	Metered kW	Billed kWh for Non-RPP customers
RES	Residential	Customer	kWh	47,639,419		
GSLT50	General Service Less Than 50 kW	Customer	kWh	24,772,837		
GSGT50	General Service 50 to 4,999 kW	Customer	kW	128,992,796	329,053	125,206,429
USL	Unmetered Scattered Load	Customer	kWh	528,948		
Sen	Sentinel Lighting	Connection	kW	6,772	23	
SL	Street Lighting	Connection	kW	1,169,602	3,147	
NA	Rate Class 7	NA	NA			
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			
						<b>125,206,429</b>



Name of LDC: Midland Power Utility Corporation  
 File Number: EB-2010-0099  
 Effective Date: Sunday, May 01, 2011  
 Version : 2.1

## 2009 Board Approved Transfer of 2007 Deferral/Variance accounts to 1595 COS

OEB Decision EB-2008-0236

Disposition Recovery Sunset Date

April 30, 2011

Account Description	Account Number	Principal Amounts	Interest Amount	Total Balance
<b>Group 1 Accounts</b>				
LV Variance Account	1550	113,626.00	8,554.00	122,180.00
RSVA - Wholesale Market Service Charge	1580	(374,109.00)	(21,834.00)	(395,943.00)
RSVA - Retail Transmission Network Charge	1584	258,327.00	21,906.00	280,233.00
RSVA - Retail Transmission Connection Charge	1586	(945,615.00)	(84,265.00)	(1,029,880.00)
RSVA - Power (Excluding Global Adjustment)	1588	600,052.00	72,878.00	672,930.00
RSVA - Power (Global Adjustment Sub-account)	1588	0.00	0.00	0.00
Recovery of Regulatory Asset Balances	1590	0.00	0.00	0.00
<b>Sub-Total - Group 1 Accounts</b>		<b>(347,719.00)</b>	<b>(2,761.00)</b>	<b>(350,480.00)</b>
<b>Group 2 Accounts</b>				
Other Regulatory Assets - Sub-Account - OEB Cost Assessments	1508	14,041.00	1,751.00	15,792.00
Other Regulatory Assets - Sub-Account - Pension Contributions	1508	63,744.00	9,532.00	73,276.00
Other Regulatory Assets - Sub-Account Deferred IFRS Transition Costs	1508	0.00	0.00	0.00
Other Regulatory Assets - Sub-Account - Other	1508	0.00	0.00	0.00
Other Regulatory Assets - Sub-Account - Other	1508	0.00	0.00	0.00
Retail Cost Variance Account - Retail	1518	(7,673.00)	(1,066.00)	(8,739.00)
Retail Cost Variance Account - STR	1548	0.00	0.00	0.00
Misc. Deferred Debits	1525	0.00	0.00	0.00
Renewable Connection Capital Deferral Account	1531	0.00	0.00	0.00
Renewable Connection OM&A Deferral Account	1532	0.00	0.00	0.00
Smart Grid Capital Deferral Account	1534	0.00	0.00	0.00
Smart Grid OM&A Deferral Account	1535	0.00	0.00	0.00
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital	1555	0.00	0.00	0.00
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries	1555	0.00	0.00	0.00
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs	1555	0.00	0.00	0.00
Smart Meter OM&A Variance	1556	0.00	0.00	0.00
Conservation and Demand Management Expenditures and Recoveries	1565	0.00	0.00	0.00
CDM Contra	1566	0.00	0.00	0.00
Qualifying Transition Costs	1570	0.00	0.00	0.00
Pre-Market Opening Energy Variances Total	1571	0.00	0.00	0.00
Extra-Ordinary Event Costs	1572	0.00	0.00	0.00
Deferred Rate Impact Amounts	1574	0.00	0.00	0.00
RSVA - One-time Wholesale Market Service	1582	13,592.00	2,338.00	15,930.00
Other Deferred Credits	2425	0.00	0.00	0.00
<b>Sub-Total - Group 2 Accounts</b>		<b>83,704.00</b>	<b>12,555.00</b>	<b>96,259.00</b>
Disposition and recovery of Regulatory Balances Account	1595	264,015.00	(9,794.00)	254,221.00
<b>Rate Rider Recovery</b>				
Deferral Variance Recovery May 1, 2009 to December 31, 2009	1595	(71,751.96)	(78.85)	(71,830.81)
Deferral Variance Recovery Jan 1, 2010 to December 31, 2010	1595	0.00	0.00	0.00
Deferral Variance Recovery Jan 1, 2011 to December 31, 2011	1595	0.00	0.00	0.00
Deferral Variance Recovery Jan 1, 2012 to December 31, 2012	1595	0.00	0.00	0.00
Deferral Variance Recovery Jan 1, 2013 to December 31, 2013	1595	0.00	0.00	0.00
Deferral Variance Recovery Jan 1, 2014 to December 31, 2014	1595	0.00	0.00	0.00
<b>Balance of Disposition and recovery of Regulatory Balances Account</b>	<b>1595</b>	<b>192,263.04</b>	<b>(9,872.85)</b>	<b>182,390.19</b>



Name of LDC: Midland Power Utility Corporation  
 File Number: EB-2010-0099  
 Effective Date: Sunday, May 01, 2011  
 Version : 2.1

## 2010 Board Approved Transfer of 2008 Deferral/Variance accounts to 1595 IRM

Disposition Recovery Sunset Date  
 April 30, 2012

Account Description	Account Number	Principal Amounts A	Interest Amount B	Total Balance C = A + B
<b>Group 1 Accounts</b>				
LV Variance Account	1550	189,596.00	2,241.00	191,837.00
RSVA - Wholesale Market Service Charge	1580	(115,605.00)	591.00	(115,014.00)
RSVA - Retail Transmission Network Charge	1584	118,772.00	654.00	119,426.00
RSVA - Retail Transmission Connection Charge	1586	(617,716.00)	(8,138.00)	(625,854.00)
RSVA - Power (Excluding Global Adjustment)	1588	166,057.00	(636.00)	165,421.00
RSVA - Power (Global Adjustment Sub-account) - when not a separate rate rider	1588	0.00	0.00	0.00
Recovery of Regulatory Asset Balances	1590	(532,971.00)	512,793.00	(20,178.00)
<b>Sub-Total - Group 1 Accounts</b>		(791,867.00)	507,505.00	(284,362.00)
<b>Board ordered disposition of immaterial amounts too small for rate riders</b>				
IRM3 tax sharing z-factor		(1,231.00)	0.00	(1,231.00)
<b>Disposition and recovery of Regulatory Balances Account</b>	1595	793,098.00	(507,505.00)	285,593.00
<b>Rate Rider Recovery</b>				
Deferral Variance Recovery May 1, 2010 to December 31, 2010	1595	(8,196.10)	0.00	(8,196.10)
Deferral Variance Recovery Jan 1, 2011 to December 31, 2011	1595	0.00	0.00	0.00
Deferral Variance Recovery Jan 1, 2012 to December 31, 2012	1595	0.00	0.00	0.00
Deferral Variance Recovery Jan 1, 2013 to December 31, 2013	1595	0.00	0.00	0.00
Deferral Variance Recovery Jan 1, 2014 to December 31, 2014	1595	0.00	0.00	0.00
Deferral Variance Recovery Jan 1, 2015 to December 31, 2015	1595	0.00	0.00	0.00
<b>Balance of Disposition and recovery of Regulatory Balances Account</b>	1595	784,901.90	(507,505.00)	277,396.90

### Global Adjustment as a separate Rate Rider

Account Description	Account Number	Principal Amounts	Interest Amount	Total Balance
RSVA - Power (Global Adjustment Sub-account) - when a separate rate rider	1588	25,055.00	3,392.00	28,447.00
<b>Disposition and recovery of Regulatory Balances Account</b>	1595	(25,055.00)	(3,392.00)	(28,447.00)
<b>Rate Rider Recovery</b>				
Deferral Variance Recovery May 1, 2010 to December 31, 2010	1595	0.00	0.00	0.00
Deferral Variance Recovery Jan 1, 2011 to December 31, 2011	1595	0.00	0.00	0.00
Deferral Variance Recovery Jan 1, 2012 to December 31, 2012	1595	0.00	0.00	0.00
Deferral Variance Recovery Jan 1, 2013 to December 31, 2013	1595	0.00	0.00	0.00
Deferral Variance Recovery Jan 1, 2014 to December 31, 2014	1595	0.00	0.00	0.00
Deferral Variance Recovery Jan 1, 2015 to December 31, 2015	1595	0.00	0.00	0.00
<b>Balance of Disposition and recovery of Regulatory Balances Account</b>	1595	(25,055.00)	(3,392.00)	(28,447.00)



Name of LDC: Midland Power Utility Corporation  
 File Number: EB-2010-0099  
 Effective Date: Sunday, May 01, 2011  
 Version : 2.1

**Deferral Variance - Continuity Schedule 2009**

Account Description	Account Number	Opening Principal Amounts as of Jan-1-09	Transactions (additions) during 2009, excluding interest and adjustments <sup>1</sup>	Transactions (reductions) during 2009, excluding interest and adjustments <sup>1</sup>	Adjustments during 2009 - instructed by Board <sup>2</sup>	Adjustments during 2009 - other <sup>3</sup>	Transfer Residual Amount of USoA 1595	Closing Principal Balance as of Dec-31-09	Opening Interest Amounts as of Jan-1-09	Interest Jan-1 to Dec31-09	Transfer of Board-approved 2007 interest amounts to 1595 (2009 COS)	Closing Interest Amounts as of Dec-31-09
LV Variance Account	1550	0		(63,027 )				(63,027 )	0	(94 )		(94 )
RSVA - Wholesale Market Service Charge	1580	0		(35,207 )				(35,207 )	0	(99 )		(99 )
RSVA - Retail Transmission Network Charge	1584	0	58,499					58,499	0	231		231
RSVA - Retail Transmission Connection Charge	1586	0		(370,307 )				(370,307 )	0	(1,875 )		(1,875 )
RSVA - Power (Excluding Global Adjustment)	1588	0	377,777					377,777	0	1,585		1,585
RSVA - Power (Global Adjustment Sub-account)	1588	0	340,493					340,493	0	723		723
Recovery of Regulatory Asset Balances	1590	0		(63,453 )				(63,453 )	0	49,542		49,542
Residual Balance Disposition and recovery of Def/Var Balances Account (2008)	1595	0					0	0	0		0	0
<b>Total</b>		<b>0</b>	<b>776,770</b>	<b>(531,993 )</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>244,777</b>	<b>0</b>	<b>50,013</b>	<b>0</b>	<b>50,013</b>

<sup>1</sup> For RSVA accounts only, report the net additions to the account during the year. For all other accounts, record the additions and reductions separately.  
<sup>2</sup> Provide supporting evidence i.e. Board Decision, CRO Order, etc.  
<sup>3</sup> Provide supporting statement indicating nature of this adjustments and periods they relate to  
<sup>4</sup> This records the values of amounts removed from Group One accounts in previous proceedings; but does not enter offsets for disposition of 1590, as recovery has not been completed.

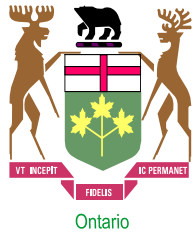
Name of LDC: Midland Power Utility Corporation  
 File Number: EB-2010-0099  
 Effective Date: Sunday, May 01, 2011  
 Version : 2.1

**Deferral Variance - Continuity Schedule Final**

Account Description	Account Number	Opening Principal Amounts as of Jan-1-10	Adjustments - Please explain	Principal Amounts to be disposed	Opening Interest Amounts as of Jan-1-10	Interest on Board-approved 2008 amounts prior to transfer Jan-1, 2010 to Date of Transfer	Adjustments - Please explain	Projected Interest on Dec 31 -09 balance from Jan 1, 2010 to Dec 31, 2010	Projected Interest on Dec 31 -09 balance from Jan 1, 2011 to April 30, 2011	Interest Amounts to be disposed
		A	B	C = A + B	D	E	F	G	H	I = D + E + F + G + H
LV Variance Account	1550	(63,027 )	0	(63,027 )	(94 )	0	0	(455 )	(184 )	(733 )
RSVA - Wholesale Market Service Charge	1580	(35,207 )	0	(35,207 )	(99 )	0	0	(254 )	(103 )	(456 )
RSVA - Retail Transmission Network Charge	1584	58,499	0	58,499	231	0	0	422	171	824
RSVA - Retail Transmission Connection Charge	1586	(370,307 )	0	(370,307 )	(1,875 )	0	0	(2,671 )	(1,084 )	(5,630 )
RSVA - Power (Excluding Global Adjustment)	1588	377,777	0	377,777	1,585	0	0	2,725	1,105	5,415
RSVA - Power (Global Adjustment Sub-account)		340,493	0	340,493	723	0	0	2,456	996	4,176
Recovery of Regulatory Asset Balances	1590	(63,453 )	63,453	0	49,542	0	(49,542 )	0	0	(0 )
Residual Balance Disposition and recovery of Def/Var Balances Account (2008)	1595	0	0	0	0	0	0	0	0	0
<b>Total</b>		<b>244,777</b>	<b>63,453</b>	<b>308,230</b>	<b>50,013</b>	<b>0</b>	<b>(49,542 )</b>	<b>2,224</b>	<b>902</b>	<b>3,586</b>

Interest projected on December 31, 2009 closing principal balance.

Month	Prescribed Rate	Monthly Interest	Month	Prescribed Rate	Monthly Interest
Sunday, January 31, 2010	0.55	0.0467	Monday, January 31, 2011	0.89	0.0756
Sunday, February 28, 2010	0.55	0.0422	Monday, February 28, 2011	0.89	0.0683
Wednesday, March 31, 2010	0.55	0.0467	Thursday, March 31, 2011	0.89	0.0756
Friday, April 30, 2010	0.55	0.0452	Saturday, April 30, 2011	0.89	0.0732
Monday, May 31, 2010	0.55	0.0467	<b>Effective Rate</b>		<b>0.2926</b>
Wednesday, June 30, 2010	0.55	0.0452			
Saturday, July 31, 2010	0.89	0.0756			
Tuesday, August 31, 2010	0.89	0.0756			
Thursday, September 30, 2010	0.89	0.0732			
Sunday, October 31, 2010	0.89	0.0756			
Tuesday, November 30, 2010	0.89	0.0732			
Friday, December 31, 2010	0.89	0.0756			
<b>Effective Rate</b>		<b>0.7214</b>			



**Name of LDC:** Midland Power Utility Corpor  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 2.1

## Threshold Test

Rate Class	Billed kWh B
Residential	47,639,419
General Service Less Than 50 kW	24,772,837
General Service 50 to 4,999 kW	128,992,796
Unmetered Scattered Load	528,948
Sentinel Lighting	6,772
Street Lighting	1,169,602
	<hr/>
	203,110,374
Total Claim	311,826
Total Claim per kWh	0.001535

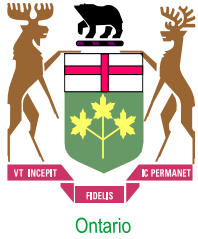


**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 2.1

## Cost Allocation - kWh

Rate Class	Billed kWh	% kWh						Total
			1550	1580	1584	1586	1588 <sup>1</sup>	
Residential	47,639,419	23.5%	(14,955 )	(8,365 )	13,914	(88,176 )	89,878	(7,703 )
General Service Less Than 50 kW	24,772,837	12.2%	(7,777 )	(4,350 )	7,235	(45,852 )	46,737	(4,006 )
General Service 50 to 4,999 kW	128,992,796	63.5%	(40,493 )	(22,650 )	37,675	(238,752 )	243,361	(20,858 )
Unmetered Scattered Load	528,948	0.3%	(166 )	(93 )	154	(979 )	998	(86 )
Sentinel Lighting	6,772	0.0%	(2 )	(1 )	2	(13 )	13	(1 )
Street Lighting	1,169,602	0.6%	(367 )	(205 )	342	(2,165 )	2,207	(189 )
	<u>203,110,374</u>	<u>100.0%</u>	<u>(63,759 )</u>	<u>(35,664 )</u>	<u>59,323</u>	<u>(375,936 )</u>	<u>383,193</u>	<u>(32,843 )</u>

<sup>1</sup> RSVA - Power (Excluding Global Adjustment)



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 2.1

## Cost Allocation - Non-RPP kWh

Rate Class	Non-RPP kWh	% kWh	1588 <sup>1</sup>
Residential	0	0.0%	0
General Service Less Than 50 kW	0	0.0%	0
General Service 50 to 4,999 kW	125,206,429	100.0%	344,669
Unmetered Scattered Load	0	0.0%	0
Sentinel Lighting	0	0.0%	0
Street Lighting	0	0.0%	0
	<b>125,206,429</b>	<b>100.0%</b>	<b>344,669</b>

<sup>1</sup> RSVA - Power (Global Adjustment Sub-account)



Name of LDC: Midland Power Utility Corporation  
 File Number: EB-2010-0099  
 Effective Date: Sunday, May 01, 2011  
 Version : 2.1

### Calculation of Deferral Variance Recovery Rate Rider without Global Adjustment

Rate Rider Recovery Period - Years **One**

Rate Rider Effective To Date

**Monday, April 30, 2012**

Rate Class	Vol Metric	Billed		Accounts	Accounts	Account 1590	Account 1595	Total	Rate Rider kWh
		kWh	kW	Allocated by kWh	Allocated by Non-RPP kWh				
		A	B	C	D	E	F	G = C + D + E + F	H = G / A (kWh) or H = G / B (kW)
Residential	kWh	47,639,419	0	(7,703 )	0	0	0	(7,703 )	(0.00016)
General Service Less Than 50 kW	kWh	24,772,837	0	(4,006 )	0	0	0	(4,006 )	(0.00016)
General Service 50 to 4,999 kW	kW	128,992,796	329,053	(20,858 )	0	0	0	(20,858 )	(0.06339)
Unmetered Scattered Load	kWh	528,948	0	(86 )	0	0	0	(86 )	(0.00016)
Sentinel Lighting	kW	6,772	23	(1 )	0	0	0	(1 )	(0.04761)
Street Lighting	kW	1,169,602	3,147	(189 )	0	0	0	(189 )	(0.06010)
		<u>203,110,374</u>	<u>332,223</u>	<u>(32,843 )</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>(32,843 )</u>	
				-	0	0	-		

Enter the above value onto Sheet "J2.X DeferralAccount Rate Rider" of the 2011 OEB IRM2 Rate Generator "J2.X DeferralAccount Rate Rider2" of the 2011 OEB IRM3 Rate Generator



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 2.1

### Calculation of Delivery Component Global Adjustment Rate Rider

Rate Rider Recovery Period - Years

Two

Rate Rider Effective To Date

Tuesday, April 30, 2013

Rate Class	Vol Metric	Non-RPP	Estimated Non-	Accounts	Accounts	Account 1590	Account 1595	Total	Rate Rider kWh
		kWh	RPP Billed kW	Allocated	Allocated by				
		A	B	C	D	E	F	G = C + D + E + F	H = G / A (kWh) or H = G / B (kW)
Residential	kWh	0	0	0	0	0	0	0	0.00000
General Service Less Than 50 kW	kWh	0	0	0	0	0	0	0	0.00000
General Service 50 to 4,999 kW	kW	125,206,429	319,394	0	344,669	0	0	344,669	0.53957
Unmetered Scattered Load	kWh	0	0	0	0	0	0	0	0.00000
Sentinel Lighting	kW	0	0	0	0	0	0	0	0.00000
Street Lighting	kW	0	0	0	0	0	0	0	0.00000
		<u>125,206,429</u>	<u>319,394</u>	<u>0</u>	<u>344,669</u>	<u>0</u>	<u>0</u>	<u>344,669</u>	

Enter the above value onto Sheet "J2.X Global Adjustment Rate Rider" of the 2011 OEB IRM Rate Generator



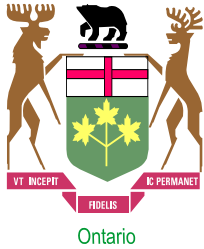
**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 2.1

## Request for Clearance of Deferral and Variance Accounts

Account Description	Account Number	Principal Amounts	Interest Amounts	Total Claim
		A	B	C = A + B
LV Variance Account	1550	63,027	733	63,759
RSVA - Wholesale Market Service Charge	1580	35,207	456	35,664
RSVA - Retail Transmission Network Charge	1584	(58,499 )	(824 )	(59,323 )
RSVA - Retail Transmission Connection Charge	1586	370,307	5,630	375,936
RSVA - Power (Excluding Global Adjustment)	1588	(377,777 )	(5,415 )	(383,193 )
RSVA - Power (Global Adjustment Sub-account)	1588	(340,493 )	(4,176 )	(344,669 )
Recovery of Regulatory Asset Balances	1590	(0 )	0	(0 )
Balance of Disposition and recovery of Regulatory Balances Account (2008)	1595	0	0	0
Disposition and recovery of Regulatory Balances Account	1595	308,230	3,596	311,826
Total		0	0	0



# **RTSR ADJUSTMENT WORKFORM**



Name of LDC: Midland Power Utility Corporation  
File Number: EB-2010-0099  
Version : 1.0

## LDC Information

<b>Applicant Name</b>	Midland Power Utility Corporation
<b>OEB Application Number</b>	EB-2010-0099
<b>LDC Licence Number</b>	ED-2002-0541
<b>Application Type</b>	IRM3



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Version :** 1.0

## Table of Contents

<b>Sheet Name</b>	<b>Purpose of Sheet</b>
<a href="#">A1.1 LDC Information</a>	Enter LDC Data
<a href="#">A2.1 Table of Contents</a>	Table of Contents
<a href="#">B1.1 Rate Class And RTSR Rates</a>	Enter Rate Class And RTSR Rates
<a href="#">B1.2 Dist Billing Determinants</a>	Enter Distributor Billing Determinants
<a href="#">B1.3 UTR's and Sub-Transmission</a>	Current and Forecasted UTR's and Hydro One Sub-Transmission Rates
<a href="#">C1.1 Historical Wholesale</a>	Enter Historical Wholesale Transmission
<a href="#">C1.2 Current Wholesale</a>	Calculates Current Wholesale Transmission
<a href="#">C1.3 Forecast Wholesale</a>	Calculates Forecast Wholesale Transmission
<a href="#">D1.1 Adj Network to Curr Whsl</a>	Calculates the Adjustment for RTSR-Network needed to recover Current Wholesale
<a href="#">D1.2 Adj Conn to Curr Whsl</a>	Calculates the Adjustment for RTSR-Connection needed to recover Current Wholesale
<a href="#">E1.1 Adj Network to Fcst Whsl</a>	Calculates the Adjustment for RTSR-Network needed to recover Forecast Wholesale
<a href="#">E1.2 Adj Conn to Fcst Whsl</a>	Calculates the Adjustment for RTSR-Connection needed to recover Forecast Wholesale
<a href="#">F1.1 IRM RTSR Adj - Network</a>	Calculates the IRM RTSR Adjustment Calculation - Network for Rate Generator
<a href="#">F1.2 IRM RTSR Adj - Connection</a>	Calculates the IRM RTSR Adjustment Calculation - Connection for Rate Generator



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** EB-2010-0099  
**Version :** 1.0

## Rate Class And 2010 RTSR Rates

Enter Rate Group and Rate Class in the same order as listed on your current Tariff sheet and Rate Generator.

Enter the RTSR-Network and RTSR-Connection rates as approved on your current Tariff sheet.

Rate Group	Rate Class	Vol Metric	RTSR - Network	RTSR - Connection
RES	Residential	kWh	0.0054	0.0046
GSLT50	General Service Less Than 50 kW	kWh	0.0049	0.0042
GSGT50	General Service 50 to 4,999 kW	kW	2.0433	1.6676
USL	Unmetered Scattered Load	kWh	0.0049	0.0042
Sen	Sentinel Lighting	kW	1.5489	1.3161
SL	Street Lighting	kW	1.5411	1.2892
NA	Rate Class 7	NA		
NA	Rate Class 8	NA		
NA	Rate Class 9	NA		
NA	Rate Class 10	NA		
NA	Rate Class 11	NA		
NA	Rate Class 12	NA		
NA	Rate Class 13	NA		
NA	Rate Class 14	NA		
NA	Rate Class 15	NA		
NA	Rate Class 16	NA		
NA	Rate Class 17	NA		
NA	Rate Class 18	NA		
NA	Rate Class 19	NA		
NA	Rate Class 20	NA		
NA	Rate Class 21	NA		
NA	Rate Class 22	NA		
NA	Rate Class 23	NA		
NA	Rate Class 24	NA		
NA	Rate Class 25	NA		



Name of LDC: Midland Power Utility Corporation  
 File Number: EB-2010-0099  
 Version : 1.0

## 2009 Distributor Billing Determinants

Enter the most recently reported RRR billing determinants

Loss Adjusted Metered kWh Yes

Loss Adjusted Metered kW No

Rate Class	Vol Metric	Metered kWh	Metered kW	Applicable Loss Factor	Load Factor	Loss Adjusted Billed kWh
		A	B	C	D = A / (B * 730)	E = A * C
Residential	kWh	47,639,419	0	1.0651		50,740,745
General Service Less Than 50 kW	kWh	24,772,837	0	1.0651		26,385,549
General Service 50 to 4,999 kW	kW	128,992,796	329,053	1.0651	53.73%	137,390,227
Unmetered Scattered Load	kWh	528,948	0	1.0651		563,383
Sentinel Lighting	kW	6,772	23	1.0651	40.36%	7,213
Street Lighting	kW	1,169,602	3,147	1.0651	50.94%	1,245,743
<b>Total</b>		<b>203,110,374</b>	<b>332,223</b>			<b>216,332,859</b>



Name of LDC: Midland Power Utility Corporation  
 File Number: EB-2010-0099  
 Version : 1.0

## Uniform Transmission and Hydro One Sub-Transmission Rates

### Uniform Transmission Rates

Rate Description	Vol Metric	Effective January 1, 2009	Effective July 1, 2009	Effective January 1, 2010	Effective January 1, 2011
		Rate	Rate	Rate	Rate
Network Service Rate	kW	\$ 2.57	\$ 2.66	\$ 2.97	\$ 2.97
Line Connection Service Rate	kW	\$ 0.70	\$ 0.70	\$ 0.73	\$ 0.73
Transformation Connection Service Rate	kW	\$ 1.62	\$ 1.57	\$ 1.71	\$ 1.71

### Hydro One Sub-Transmission Rates

Rate Description	Vol Metric	Effective May 1, 2008	Effective May 1, 2009	Effective May 1, 2010	Effective May 1, 2011
		Rate	Rate	Rate	Rate
Network Service Rate	kW	\$ 2.01	\$ 2.24	\$ 2.65	\$ 2.65
Line Connection Service Rate	kW	\$ 0.50	\$ 0.60	\$ 0.64	\$ 0.64
Transformation Connection Service Rate	kW	\$ 1.38	\$ 1.39	\$ 1.50	\$ 1.50
Both Line and Transformation Connection Service Rate	kW	\$ 1.88	\$ 1.99	\$ 2.14	\$ 2.14

### Hydro One Sub-Transmission Rate Rider 6A

Rate Description	Vol Metric	Effective May 1, 2008	Effective May 1, 2009	Effective May 1, 2010	Effective May 1, 2011
		Rate	Rate	Rate	Rate
RSVA Transmission network – 4714 – which affects 1584	kW	\$ -	\$ -	\$ 0.0470	\$ 0.0470
RSVA Transmission connection – 4716 – which affects 1586	kW	\$ -	\$ -	-\$ 0.0250	-\$ 0.0250
RSVA LV – 4750 – which affects 1550	kW	\$ -	\$ -	\$ 0.0580	\$ 0.0580
RARA 1 – 2252 – which affects 1590	kW	\$ -	\$ -	-\$ 0.0750	-\$ 0.0750
Hydro One Sub-Transmission Rate Rider 6A	kW	\$ -	\$ -	\$ 0.0050	\$ 0.0050



## 2009 Historical Wholesale Transmission

Enter billing detail for wholesale transmission for the same reporting period as the billing determinants on sheet B1.2.

### IESO

Month	Network			Line Connection			Transformation Connection			Total Line
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$ -			\$ -			\$ -		\$ -
February		\$ -			\$ -			\$ -		\$ -
March		\$ -			\$ -			\$ -		\$ -
April		\$ -			\$ -			\$ -		\$ -
May		\$ -			\$ -			\$ -		\$ -
June		\$ -			\$ -			\$ -		\$ -
July		\$ -			\$ -			\$ -		\$ -
August		\$ -			\$ -			\$ -		\$ -
September		\$ -			\$ -			\$ -		\$ -
October		\$ -			\$ -			\$ -		\$ -
November		\$ -			\$ -			\$ -		\$ -
December		\$ -			\$ -			\$ -		\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

### Hydro One

Month	Network			Line Connection			Line Transformation			Total Line
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	37,738	\$2.01	\$ 75,853	37,738	\$0.50	\$ 18,869	37,738	\$1.38	\$ 52,078	\$ 70,947
February	35,520	\$2.01	\$ 71,395	35,520	\$0.50	\$ 17,760	35,520	\$1.38	\$ 49,018	\$ 66,778
March	33,545	\$2.01	\$ 67,425	33,545	\$0.50	\$ 16,773	33,545	\$1.38	\$ 46,292	\$ 63,065
April	32,647	\$2.01	\$ 65,620	32,647	\$0.50	\$ 16,324	32,647	\$1.38	\$ 45,053	\$ 61,376
May	31,179	\$2.05	\$ 63,826	31,179	\$0.52	\$ 16,092	31,179	\$1.38	\$ 43,077	\$ 59,170
June	36,377	\$2.24	\$ 81,484	36,377	\$0.60	\$ 21,826	36,377	\$1.39	\$ 50,564	\$ 72,390
July	34,062	\$2.24	\$ 76,299	34,062	\$0.60	\$ 20,437	34,062	\$1.39	\$ 47,346	\$ 67,783
August	38,077	\$2.24	\$ 85,292	38,077	\$0.60	\$ 22,846	38,077	\$1.39	\$ 52,927	\$ 75,773
September	34,230	\$2.24	\$ 76,675	34,230	\$0.60	\$ 20,538	34,230	\$1.39	\$ 47,580	\$ 68,118
October	32,475	\$2.24	\$ 72,744	32,475	\$0.60	\$ 19,485	32,475	\$1.39	\$ 45,140	\$ 64,625
November	32,783	\$2.24	\$ 73,434	32,783	\$0.60	\$ 19,670	32,783	\$1.39	\$ 45,568	\$ 65,238
December	36,283	\$2.24	\$ 81,274	36,283	\$0.60	\$ 21,770	36,283	\$1.39	\$ 50,433	\$ 72,203
<b>Total</b>	<b>414,916</b>	<b>\$2.15</b>	<b>\$891,324</b>	<b>414,916</b>	<b>\$0.56</b>	<b>\$232,390</b>	<b>414,916</b>	<b>\$1.39</b>	<b>\$575,077</b>	<b>\$807,467</b>

### Total

Month	Network			Line Connection			Line Transformation			Total Line
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	37,738	\$2.01	\$ 75,853	37,738	\$0.50	\$ 18,869	37,738	\$1.38	\$ 52,078	\$ 70,947
February	35,520	\$2.01	\$ 71,395	35,520	\$0.50	\$ 17,760	35,520	\$1.38	\$ 49,018	\$ 66,778
March	33,545	\$2.01	\$ 67,425	33,545	\$0.50	\$ 16,773	33,545	\$1.38	\$ 46,292	\$ 63,065
April	32,647	\$2.01	\$ 65,620	32,647	\$0.50	\$ 16,324	32,647	\$1.38	\$ 45,053	\$ 61,376
May	31,179	\$2.05	\$ 63,826	31,179	\$0.52	\$ 16,092	31,179	\$1.38	\$ 43,077	\$ 59,170
June	36,377	\$2.24	\$ 81,484	36,377	\$0.60	\$ 21,826	36,377	\$1.39	\$ 50,564	\$ 72,390
July	34,062	\$2.24	\$ 76,299	34,062	\$0.60	\$ 20,437	34,062	\$1.39	\$ 47,346	\$ 67,783
August	38,077	\$2.24	\$ 85,292	38,077	\$0.60	\$ 22,846	38,077	\$1.39	\$ 52,927	\$ 75,773
September	34,230	\$2.24	\$ 76,675	34,230	\$0.60	\$ 20,538	34,230	\$1.39	\$ 47,580	\$ 68,118
October	32,475	\$2.24	\$ 72,744	32,475	\$0.60	\$ 19,485	32,475	\$1.39	\$ 45,140	\$ 64,625
November	32,783	\$2.24	\$ 73,434	32,783	\$0.60	\$ 19,670	32,783	\$1.39	\$ 45,568	\$ 65,238
December	36,283	\$2.24	\$ 81,274	36,283	\$0.60	\$ 21,770	36,283	\$1.39	\$ 50,433	\$ 72,203
<b>Total</b>	<b>414,916</b>	<b>\$2.15</b>	<b>\$891,324</b>	<b>414,916</b>	<b>\$0.56</b>	<b>\$232,390</b>	<b>414,916</b>	<b>\$1.39</b>	<b>\$575,077</b>	<b>\$807,467</b>



Name of LDC: Midland Power Utility Corporation  
 File Number: EB-2010-0099  
 Version : 1.0

### Current Wholesale Transmission

The purpose of this sheet is to calculate the expected billing when current 2010 UTR rates are applied against historical (2009) transmission units.

#### IESO

Month	Network			Line Connection			Transformation Connection			Total Line
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$2.9700	\$ -	-	\$0.7300	\$ -	-	\$1.7100	\$ -	\$ -
February	-	\$2.9700	\$ -	-	\$0.7300	\$ -	-	\$1.7100	\$ -	\$ -
March	-	\$2.9700	\$ -	-	\$0.7300	\$ -	-	\$1.7100	\$ -	\$ -
April	-	\$2.9700	\$ -	-	\$0.7300	\$ -	-	\$1.7100	\$ -	\$ -
May	-	\$2.9700	\$ -	-	\$0.7300	\$ -	-	\$1.7100	\$ -	\$ -
June	-	\$2.9700	\$ -	-	\$0.7300	\$ -	-	\$1.7100	\$ -	\$ -
July	-	\$2.9700	\$ -	-	\$0.7300	\$ -	-	\$1.7100	\$ -	\$ -
August	-	\$2.9700	\$ -	-	\$0.7300	\$ -	-	\$1.7100	\$ -	\$ -
September	-	\$2.9700	\$ -	-	\$0.7300	\$ -	-	\$1.7100	\$ -	\$ -
October	-	\$2.9700	\$ -	-	\$0.7300	\$ -	-	\$1.7100	\$ -	\$ -
November	-	\$2.9700	\$ -	-	\$0.7300	\$ -	-	\$1.7100	\$ -	\$ -
December	-	\$2.9700	\$ -	-	\$0.7300	\$ -	-	\$1.7100	\$ -	\$ -
<b>Total</b>	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

#### Hydro One

Month	Network			Line Connection			Line Transformation			Total Line
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
	Includes Hydro One Rate Rider B1.3 UTR's and Sub-Transmission Cell K48			Includes Hydro One Rate Rider B1.3 UTR's and Sub-Transmission Cell K50						
January	37,738	\$2.6970	\$ 101,779	37,738	\$0.6150	\$ 23,209	37,738	\$1.5000	\$ 56,607	\$ 79,816
February	35,520	\$2.6970	\$ 95,797	35,520	\$0.6150	\$ 21,845	35,520	\$1.5000	\$ 53,280	\$ 75,125
March	33,545	\$2.6970	\$ 90,471	33,545	\$0.6150	\$ 20,630	33,545	\$1.5000	\$ 50,318	\$ 70,948
April	32,647	\$2.6970	\$ 88,049	32,647	\$0.6150	\$ 20,078	32,647	\$1.5000	\$ 48,971	\$ 69,048
May	31,179	\$2.6970	\$ 84,090	31,179	\$0.6150	\$ 19,175	31,179	\$1.5000	\$ 46,769	\$ 65,944
June	36,377	\$2.6970	\$ 98,109	36,377	\$0.6150	\$ 22,372	36,377	\$1.5000	\$ 54,566	\$ 76,937
July	34,062	\$2.6970	\$ 91,865	34,062	\$0.6150	\$ 20,948	34,062	\$1.5000	\$ 51,093	\$ 72,041
August	38,077	\$2.6970	\$ 102,694	38,077	\$0.6150	\$ 23,417	38,077	\$1.5000	\$ 57,116	\$ 80,533
September	34,230	\$2.6970	\$ 92,318	34,230	\$0.6150	\$ 21,051	34,230	\$1.5000	\$ 51,345	\$ 72,396
October	32,475	\$2.6970	\$ 87,585	32,475	\$0.6150	\$ 19,972	32,475	\$1.5000	\$ 48,713	\$ 68,685
November	32,783	\$2.6970	\$ 88,416	32,783	\$0.6150	\$ 20,162	32,783	\$1.5000	\$ 49,175	\$ 69,336
December	36,283	\$2.6970	\$ 97,855	36,283	\$0.6150	\$ 22,314	36,283	\$1.5000	\$ 54,425	\$ 76,739
<b>Total</b>	414,916	\$2.6970	\$1,119,028	414,916	\$0.6150	\$255,173	414,916	\$1.5000	\$622,374	\$877,547

#### Total

Month	Network			Line Connection			Line Transformation			Total Line
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	37,738	\$2.6970	\$ 101,779	37,738	\$0.6150	\$ 23,209	37,738	\$1.5000	\$ 56,607	\$ 79,816
February	35,520	\$2.6970	\$ 95,797	35,520	\$0.6150	\$ 21,845	35,520	\$1.5000	\$ 53,280	\$ 75,125
March	33,545	\$2.6970	\$ 90,471	33,545	\$0.6150	\$ 20,630	33,545	\$1.5000	\$ 50,318	\$ 70,948
April	32,647	\$2.6970	\$ 88,049	32,647	\$0.6150	\$ 20,078	32,647	\$1.5000	\$ 48,971	\$ 69,048
May	31,179	\$2.6970	\$ 84,090	31,179	\$0.6150	\$ 19,175	31,179	\$1.5000	\$ 46,769	\$ 65,944
June	36,377	\$2.6970	\$ 98,109	36,377	\$0.6150	\$ 22,372	36,377	\$1.5000	\$ 54,566	\$ 76,937
July	34,062	\$2.6970	\$ 91,865	34,062	\$0.6150	\$ 20,948	34,062	\$1.5000	\$ 51,093	\$ 72,041
August	38,077	\$2.6970	\$ 102,694	38,077	\$0.6150	\$ 23,417	38,077	\$1.5000	\$ 57,116	\$ 80,533
September	34,230	\$2.6970	\$ 92,318	34,230	\$0.6150	\$ 21,051	34,230	\$1.5000	\$ 51,345	\$ 72,396
October	32,475	\$2.6970	\$ 87,585	32,475	\$0.6150	\$ 19,972	32,475	\$1.5000	\$ 48,713	\$ 68,685
November	32,783	\$2.6970	\$ 88,416	32,783	\$0.6150	\$ 20,162	32,783	\$1.5000	\$ 49,175	\$ 69,336
December	36,283	\$2.6970	\$ 97,855	36,283	\$0.6150	\$ 22,314	36,283	\$1.5000	\$ 54,425	\$ 76,739
<b>Total</b>	414,916	\$2.6970	\$1,119,028	414,916	\$0.6150	\$255,173	414,916	\$1.5000	\$622,374	\$877,547





Name of LDC: Midland Power Utility Corporation  
 File Number: EB-2010-0099  
 Version : 1.0

### Forecast Wholesale Transmission

The purpose of this sheet is to calculate the expected billing when forecasted 2011 UTR rates are applied against historical (2009) transmission units.

#### IESO

Month	Network			Line Connection			Transformation Connection			Total Line
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$2.9700	\$ -	-	\$0.7300	\$ -	-	\$1.7100	\$ -	\$ -
February	-	\$2.9700	\$ -	-	\$0.7300	\$ -	-	\$1.7100	\$ -	\$ -
March	-	\$2.9700	\$ -	-	\$0.7300	\$ -	-	\$1.7100	\$ -	\$ -
April	-	\$2.9700	\$ -	-	\$0.7300	\$ -	-	\$1.7100	\$ -	\$ -
May	-	\$2.9700	\$ -	-	\$0.7300	\$ -	-	\$1.7100	\$ -	\$ -
June	-	\$2.9700	\$ -	-	\$0.7300	\$ -	-	\$1.7100	\$ -	\$ -
July	-	\$2.9700	\$ -	-	\$0.7300	\$ -	-	\$1.7100	\$ -	\$ -
August	-	\$2.9700	\$ -	-	\$0.7300	\$ -	-	\$1.7100	\$ -	\$ -
September	-	\$2.9700	\$ -	-	\$0.7300	\$ -	-	\$1.7100	\$ -	\$ -
October	-	\$2.9700	\$ -	-	\$0.7300	\$ -	-	\$1.7100	\$ -	\$ -
November	-	\$2.9700	\$ -	-	\$0.7300	\$ -	-	\$1.7100	\$ -	\$ -
December	-	\$2.9700	\$ -	-	\$0.7300	\$ -	-	\$1.7100	\$ -	\$ -
<b>Total</b>	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

#### Hydro One

Month	Network			Line Connection			Line Transformation			Total Line
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
	Includes Hydro One Rate Rider B1.3 UTR's and Sub-Transmission Cell M48			Includes Hydro One Rate Rider B1.3 UTR's and Sub-Transmission Cell M50						
January	37,738	\$2.6970	\$ 101,779	37,738	\$0.6150	\$ 23,209	37,738	\$1.5000	\$ 56,607	\$ 79,816
February	35,520	\$2.6970	\$ 95,797	35,520	\$0.6150	\$ 21,845	35,520	\$1.5000	\$ 53,280	\$ 75,125
March	33,545	\$2.6970	\$ 90,471	33,545	\$0.6150	\$ 20,630	33,545	\$1.5000	\$ 50,318	\$ 70,948
April	32,647	\$2.6970	\$ 88,049	32,647	\$0.6150	\$ 20,078	32,647	\$1.5000	\$ 48,971	\$ 69,048
May	31,179	\$2.6970	\$ 84,090	31,179	\$0.6150	\$ 19,175	31,179	\$1.5000	\$ 46,769	\$ 65,944
June	36,377	\$2.6970	\$ 98,109	36,377	\$0.6150	\$ 22,372	36,377	\$1.5000	\$ 54,566	\$ 76,937
July	34,062	\$2.6970	\$ 91,865	34,062	\$0.6150	\$ 20,948	34,062	\$1.5000	\$ 51,093	\$ 72,041
August	38,077	\$2.6970	\$ 102,694	38,077	\$0.6150	\$ 23,417	38,077	\$1.5000	\$ 57,116	\$ 80,533
September	34,230	\$2.6970	\$ 92,318	34,230	\$0.6150	\$ 21,051	34,230	\$1.5000	\$ 51,345	\$ 72,396
October	32,475	\$2.6970	\$ 87,585	32,475	\$0.6150	\$ 19,972	32,475	\$1.5000	\$ 48,713	\$ 68,685
November	32,783	\$2.6970	\$ 88,416	32,783	\$0.6150	\$ 20,162	32,783	\$1.5000	\$ 49,175	\$ 69,336
December	36,283	\$2.6970	\$ 97,855	36,283	\$0.6150	\$ 22,314	36,283	\$1.5000	\$ 54,425	\$ 76,739
<b>Total</b>	414,916	\$2.6970	\$1,119,028	414,916	\$0.6150	\$255,173	414,916	\$1.5000	\$622,374	\$877,547

#### Total

Month	Network			Line Connection			Line Transformation			Total Line
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	37,738	\$2.6970	\$ 101,779	37,738	\$0.6150	\$ 23,209	37,738	\$1.5000	\$ 56,607	\$ 79,816
February	35,520	\$2.6970	\$ 95,797	35,520	\$0.6150	\$ 21,845	35,520	\$1.5000	\$ 53,280	\$ 75,125
March	33,545	\$2.6970	\$ 90,471	33,545	\$0.6150	\$ 20,630	33,545	\$1.5000	\$ 50,318	\$ 70,948
April	32,647	\$2.6970	\$ 88,049	32,647	\$0.6150	\$ 20,078	32,647	\$1.5000	\$ 48,971	\$ 69,048
May	31,179	\$2.6970	\$ 84,090	31,179	\$0.6150	\$ 19,175	31,179	\$1.5000	\$ 46,769	\$ 65,944
June	36,377	\$2.6970	\$ 98,109	36,377	\$0.6150	\$ 22,372	36,377	\$1.5000	\$ 54,566	\$ 76,937
July	34,062	\$2.6970	\$ 91,865	34,062	\$0.6150	\$ 20,948	34,062	\$1.5000	\$ 51,093	\$ 72,041
August	38,077	\$2.6970	\$ 102,694	38,077	\$0.6150	\$ 23,417	38,077	\$1.5000	\$ 57,116	\$ 80,533
September	34,230	\$2.6970	\$ 92,318	34,230	\$0.6150	\$ 21,051	34,230	\$1.5000	\$ 51,345	\$ 72,396
October	32,475	\$2.6970	\$ 87,585	32,475	\$0.6150	\$ 19,972	32,475	\$1.5000	\$ 48,713	\$ 68,685
November	32,783	\$2.6970	\$ 88,416	32,783	\$0.6150	\$ 20,162	32,783	\$1.5000	\$ 49,175	\$ 69,336
December	36,283	\$2.6970	\$ 97,855	36,283	\$0.6150	\$ 22,314	36,283	\$1.5000	\$ 54,425	\$ 76,739
<b>Total</b>	414,916	\$2.6970	\$1,119,028	414,916	\$0.6150	\$255,173	414,916	\$1.5000	\$622,374	\$877,547



Name of LDC: Midland Power Utility Corporation  
 File Number: EB-2010-0099  
 Version : 1.0

### Adjust RTSR-Network to Current Network Wholesale

The purpose of this sheet is to re-align current RTSR-Network to recover current wholesale Network costs.

Rate Class	Vol Metric	Current RTSR - Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR - Network
		(A) Column H Sheet B1.1	(B) Column O Sheet B1.2	(C) Column I Sheet B1.2	(D) = (A) * (B) or (A) * (C)	(F) = (D) / (E)	(H) = (G) * (F)	(I) = (H) / (B) or (H) / (C)
Residential	kWh	\$ 0.0054	50,740,745	0	\$ 274,000	25.29%	\$ 283,040	\$ 0.0056
General Service Less Than 50 kW	kWh	\$ 0.0049	26,385,549	0	\$ 129,289	11.93%	\$ 133,555	\$ 0.0051
General Service 50 to 4,999 kW	kW	\$ 2.0433	137,390,227	329,053	\$ 672,354	62.07%	\$ 694,536	\$ 2.1107
Unmetered Scattered Load	kWh	\$ 0.0049	563,383	0	\$ 2,761	0.25%	\$ 2,852	\$ 0.0051
Sentinel Lighting	kW	\$ 1.5489	7,213	23	\$ 36	0.00%	\$ 37	\$ 1.6000
Street Lighting	kW	\$ 1.5411	1,245,743	3,147	\$ 4,850	0.45%	\$ 5,010	\$ 1.5919
			216,332,859	332,223	\$ 1,083,289	100.00%	\$ 1,119,028	
					(E)		(G) Cell G73 Sheet C1.2	



Name of LDC: Midland Power Utility Corporation  
 File Number: EB-2010-0099  
 Version : 1.0

### Adjust RTSR-Connection to Current Connection Wholesale

The purpose of this sheet is to re-align current RTSR-Connection to recover current wholesale Connection costs.

Rate Class	Vol Metric	Current RTSR - Connection <small>(A) Column J Sheet B1.1</small>	Loss Adjusted Billed kWh <small>(B) Column O Sheet B1.2</small>	Billed kW <small>(C) Column I Sheet B1.2</small>	Billed Amount <small>(D) = (A) * (B) or (A) * (C)</small>	Billed Amount % <small>(F) = (D) / (E)</small>	Current Wholesale Billing <small>(H) = (G) * (F)</small>	Adjusted RTSR - Connection <small>(I) = (H) / (B) or (H) / (C)</small>
Residential	kWh	\$ 0.0046	50,740,745	0	\$ 233,407	25.95%	\$ 227,734	\$ 0.0045
General Service Less Than 50 kW	kWh	\$ 0.0042	26,385,549	0	\$ 110,819	12.32%	\$ 108,126	\$ 0.0041
General Service 50 to 4,999 kW	kW	\$ 1.6676	137,390,227	329,053	\$ 548,729	61.01%	\$ 535,391	\$ 1.6271
Unmetered Scattered Load	kWh	\$ 0.0042	563,383	0	\$ 2,366	0.26%	\$ 2,309	\$ 0.0041
Sentinel Lighting	kW	\$ 1.3161	7,213	23	\$ 30	0.00%	\$ 30	\$ 1.2841
Street Lighting	kW	\$ 1.2892	1,245,743	3,147	\$ 4,057	0.45%	\$ 3,958	\$ 1.2579
			216,332,859	332,223	\$ 899,409 <small>(E)</small>	100.00%	\$ 877,547 <small>(G) Cell Q73 Sheet C1.2</small>	



Name of LDC: Midland Power Utility Corporation  
 File Number: EB-2010-0099  
 Version : 1.0

### Adjust RTSR-Network to Forecast Network Wholesale

The purpose of this sheet is to update re-aligned RTSR-Network rates to recover forecast wholesale Network costs.

Rate Class	Vol Metric	Adjusted RTSR - Network (A) Column S Sheet D1.1	Loss Adjusted Billed kWh (B) Column O Sheet B1.2	Billed kW (C) Column I Sheet B1.2	Billed Amount (D) = (A) * (B) or (A) * (C)	Billed Amount % (F) = (D) / (E)	Forecast Wholesale Billing (H) = (G) * (F)	Proposed RTSR - Network (I) = (H) / (B) or (H) / (C)
Residential	kWh	\$ 0.0056	50,740,745	0	\$ 283,040	25.29%	\$ 283,040	\$ 0.0056
General Service Less Than 50 kW	kWh	\$ 0.0051	26,385,549	0	\$ 133,555	11.93%	\$ 133,555	\$ 0.0051
General Service 50 to 4,999 kW	kW	\$ 2.1107	137,390,227	329,053	\$ 694,536	62.07%	\$ 694,536	\$ 2.1107
Unmetered Scattered Load	kWh	\$ 0.0051	563,383	0	\$ 2,852	0.25%	\$ 2,852	\$ 0.0051
Sentinel Lighting	kW	\$ 1.6000	7,213	23	\$ 37	0.00%	\$ 37	\$ 1.6000
Street Lighting	kW	\$ 1.5919	1,245,743	3,147	\$ 5,010	0.45%	\$ 5,010	\$ 1.5919
			<u>216,332,859</u>	<u>332,223</u>	<u>\$ 1,119,028</u>	<u>100.00%</u>	<u>\$ 1,119,028</u>	
					(E)		Cell G73 Sheet C1.3	



Name of LDC: Midland Power Utility Corporation  
 File Number: EB-2010-0099  
 Version : 1.0

### Adjust RTSR-Connection to Forecast Connection Wholesale

The purpose of this sheet is to update re-aligned RTSR-Connection rates to recover forecast wholesale Connection costs.

Rate Class	Vol Metric	Adjusted RTSR - Connection <small>(A) Column S Sheet D1.2</small>	Loss Adjusted Billed kWh <small>(B) Column O Sheet B1.2</small>	Billed kW <small>(C) Column I Sheet B1.2</small>	Billed Amount <small>(D) = (A) * (B) or (A) * (C)</small>	Billed Amount % <small>(F) = (D) / (E)</small>	Forecast Wholesale Billing <small>(H) = (G) * (F)</small>	Proposed RTSR - Connection <small>(I) = (H) / (B) or (H) / (C)</small>
Residential	kWh	\$ 0.0045	50,740,745	0	\$ 227,734	25.95%	\$ 227,734	\$ 0.0045
General Service Less Than 50 kW	kWh	\$ 0.0041	26,385,549	0	\$ 108,126	12.32%	\$ 108,126	\$ 0.0041
General Service 50 to 4,999 kW	kW	\$ 1.6271	137,390,227	329,053	\$ 535,391	61.01%	\$ 535,391	\$ 1.6271
Unmetered Scattered Load	kWh	\$ 0.0041	563,383	0	\$ 2,309	0.26%	\$ 2,309	\$ 0.0041
Sentinel Lighting	kW	\$ 1.2841	7,213	23	\$ 30	0.00%	\$ 30	\$ 1.2841
Street Lighting	kW	\$ 1.2579	1,245,743	3,147	\$ 3,958	0.45%	\$ 3,958	\$ 1.2579
			<b>216,332,859</b>	<b>332,223</b>	<b>\$ 877,547</b>	<b>100.00%</b>	<b>\$ 877,547</b>	
					<small>(E)</small>		<small>Cell Q73 Sheet C1.3</small>	



Name of LDC: Midland Power Utility Corporation  
 File Number: EB-2010-0099

## IRM RTSR Adjustment Calculation - Network

The purpose of this sheet is to update re-aligned RTSR-Network rates to recover forecast wholesale Network costs.

Rate Class	Vol Metric	Current RTSR - Network	Proposed RTSR - Network	RTSR - Network Adjustment
		(A) Column H Sheet B1.1	(B) Column S Sheet E1.1	C = B - A
Residential	kWh	0.0054	0.0056	0.000178153
General Service Less Than 50 kW	kWh	0.0049	0	0.000161658
General Service 50 to 4,999 kW	kW	2.0433	2	0.06741128
Unmetered Scattered Load	kWh	0.0049	0	0.000161658
Sentinel Lighting	kW	1.5489	2	0.051100344
Street Lighting	kW	1.5411	2	0.050843011

Enter this value into column "G" on sheet "L1.1 Appl For TX Network" of the 2011 Rate Generator



Name of LDC: Midland Power Utility Corporation  
 File Number: EB-2010-0099

## IRM RTSR Adjustment Calculation - Connection

The purpose of this sheet is to update re-aligned RTSR-Network rates to recover forecast wholesale Network costs.

Rate Class	Vol Metric	Current RTSR - Connection	Proposed RTSR - Connection	RTSR - Network Adjustment
		(A) Column J Sheet B1.1	(B) Column S Sheet E1.2	C = B - A
Residential	kWh	0.0046	0.0045	-0.00011811
General Service Less Than 50 kW	kWh	0.0042	0.0041	-0.000102089
General Service 50 to 4,999 kW	kW	1.6676	1.6271	-0.040534033
Unmetered Scattered Load	kWh	0.0042	0.0041	-0.000102089
Sentinel Lighting	kW	1.3161	1.2841	-0.03199019
Street Lighting	kW	1.2892	1.2579	-0.031336337

Enter this value into column "G" on sheet "L2.1 Appl For TX Connect" of the 2011 Rate Generator

# **SHARED TAX SAVINGS WORKFORM**





Name of LDC: Midland Power Utility Corporation  
File Number: IRM3  
Effective Date: Sunday, May 01, 2011  
Version : 1.0

## LDC Information

<b>Applicant Name</b>	Midland Power Utility Corporation
<b>OEB Application Number</b>	IRM3
<b>LDC Licence Number</b>	ED-2002-0541
<b>Applied for Effective Date</b>	May 1, 2011
<b>Last COS Re-based Year</b>	2009
<b>Last COS OEB Application Number</b>	EB-2008-0236



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** IRM3  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.0

## Table of Contents

Sheet Name	Purpose of Sheet
<a href="#">A1.1 LDC Information</a>	Enter LDC Data
<a href="#">A2.1 Table of Contents</a>	Table of Contents
<a href="#">B1.1 Re-Based Bill Det &amp; Rates</a>	Set Up Rate Classes and enter Re-Based Billing Determinants and Tariff Rates
<a href="#">B1.3 Re-Based Rev From Rates</a>	Calculated Re-Based Revenue From Rates
<a href="#">F1.1 Z-Factor Tax Changes</a>	Sharing formula for Tax changes - this is very preliminary
<a href="#">F1.3 Calc Tax Chg RRider Var</a>	Option B - Calculation of Tax Sharing Rate Rider - Volumetric Allocation



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** IRM3  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.0

## Rate Class and Re-Based Billing Determinants & Rates

Last COS Re-based Year **2009**

Last COS OEB Application Number **EB-2008-0236**

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	6,018	49,791,737		11.66	0.0194	
GSLT50	General Service Less Than 50 kW	Customer	kWh	729	27,650,878		14.70	0.0154	
GSGT50	General Service 50 to 4,999 kW	Customer	kW	103	139,428,070	332,681	57.87		2.9640
USL	Unmetered Scattered Load	Customer	kWh	12	513,550		24.48	0.0264	
Sen	Sentinel Lighting	Connection	kW	22	15,948	3,052	21.48		38.0387
SL	Street Lighting	Connection	kW	1,564	1,195,783	44	3.69		8.5358
NA	Rate Class 7	NA	NA						
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						



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** IRM3  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.0

## Calculated Re-Based Revenue From Rates

Last COS Re-based Year **2009**

Last COS OEB Application Number **EB-2008-0236**

Rate Class	Re-based Billed			Rate ReBal	Rate ReBal Base	Rate ReBal Base	Distribution	Distribution	Revenue	
	Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Base Service Charge	Volumetric Rate kWh	Volumetric Rate kW	Volumetric Rate kWh	Volumetric Rate kW	Requirement from Rates	
	A	B	C	D	E	F	G = A * D * 12	H = B * E	I = C * F	J = G + H + I
Residential	6,018	49,791,737	0	11.66	0.0194	0.0000	842,039	965,960	0	1,807,998
General Service Less Than 50 kW	729	27,650,878	0	14.70	0.0154	0.0000	128,596	425,824	0	554,419
General Service 50 to 4,999 kW	103	139,428,070	332,681	57.87	0.0000	2.9640	71,527	0	986,066	1,057,594
Unmetered Scattered Load	12	513,550	0	24.48	0.0264	0.0000	3,525	13,558	0	17,083
Sentinel Lighting	22	15,948	3,052	21.48	0.0000	38.0387	5,671	0	116,094	121,765
Street Lighting	1,564	1,195,783	44	3.69	0.0000	8.5358	69,254	0	376	69,629
							1,120,611	1,405,341	1,102,536	3,628,488



**Name of LDC:** Midland Power Utility Corporation  
**File Number:** IRM3  
**Effective Date:** Sunday, May 01, 2011  
**Version :** 1.0

## Z-Factor Tax Changes

### Summary - Sharing of Tax Change Forecast Amounts

#### 1. Tax Related Amounts Forecast from Capital Tax Rate Changes

	2009	2010	2011	2012
Taxable Capital	\$11,361,794	\$11,361,794	\$11,361,794	\$11,361,794
Deduction from taxable capital up to \$15,000,000	\$15,000,000	\$15,000,000	\$15,000,000	\$15,000,000
Net Taxable Capital	-\$ 3,638,206	-\$ 3,638,206	-\$ 3,638,206	-\$ 3,638,206
Rate	0.225%	0.150%	0.000%	0.000%
Ontario Capital Tax (Deductible, not grossed-up)	\$ -	\$ -	\$ -	\$ -

#### 2. Tax Related Amounts Forecast from Income Tax Rate Changes

	2009	2010	2011	2012
Regulatory Taxable Income	\$ 345,309	\$ 345,309	\$ 345,309	\$ 345,309
Corporate Tax Rate	16.50%	16.00%	15.50%	15.50%
Tax Impact	\$ 56,976	\$ 55,249	\$ 53,523	\$ 53,523
<b>Grossed-up Tax Amount</b>	<b>\$ 68,235</b>	<b>\$ 65,773</b>	<b>\$ 63,341</b>	<b>\$ 63,341</b>
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ -	\$ -	\$ -	\$ -
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ 68,235	\$ 65,773	\$ 63,341	\$ 63,341
<b>Total Tax Related Amounts</b>	<b>\$ 68,235</b>	<b>\$ 65,773</b>	<b>\$ 63,341</b>	<b>\$ 63,341</b>
Incremental Tax Savings		-\$ 2,462	-\$ 4,894	-\$ 4,894
Sharing of Tax Savings (50%)		-\$ 1,231	-\$ 2,447	-\$ 2,447



**Name of LDC:** Midland Power Utility Corporation  
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## Calculate Tax Change Rate Rider Volumetric

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	\$1,807,998.2578	49.83%	-\$1,219	49,791,737	0	\$0.0000	
General Service Less Than 50 kW	\$554,419	15.28%	-\$374	27,650,878	0	\$0.0000	
General Service 50 to 4,999 kW	\$1,057,594	29.15%	-\$713	139,428,070	332,681		-\$0.0021
Unmetered Scattered Load	\$17,083	0.47%	-\$12	513,550	0	\$0.0000	
Sentinel Lighting	\$121,765	3.36%	-\$82	15,948	3,052		-\$0.0269
Street Lighting	\$69,629	1.92%	-\$47	1,195,783	44		-\$1.0672
	<b>\$3,628,488</b> H	<b>100.00%</b>	<b>-\$2,447</b> I				

Enter the above value onto Sheet  
 "J2.7 Tax Change Rate Rider"  
 of the 2011 IRM3 Rate Generator.