

# 2011 IRM Electricity Distribution Rate Application

EB-2010-0065

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## Tab 1 Application & Manager's Summary

#### **ONTARIO ENERGY BOARD**

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

AND IN THE MATTER OF an application by Bluewater Power Distribution Corporation for an Order or Orders pursuant to section 78 of the *Ontario Energy Board Act, 1998* for 2011 distribution rates and related matters.

#### **APPLICATION**

- The Applicant is Bluewater Power Distribution Corporation ("Bluewater Power"). Bluewater Power is a licensed electricity distributor operating pursuant to license ED-2002-0517. Bluewater Power distributes electricity to approximately 36,000 customers in the municipalities of the City of Sarnia, the Town of Petrolia, the Village of Point Edward, the Village of Oil Springs, the Township of Warwick and the Township of Brooke-Alvinston in south-western Ontario.
- Bluewater Power hereby applies to the Ontario Energy Board (the "Board") for an order or orders made pursuant to Section 78 of the *Ontario Energy Board Act, 1998*, as amended, (the "OEB Act") approving just and reasonable rates for the distribution of electricity based on a 2011 incentive regulation mechanism ("IRM") application, effective May 1, 2011.
- 3. Specifically, Bluewater Power hereby applies for an order or orders granting distribution rates updated and adjusted in accordance with Chapter 3 of the Filing Requirements for Transmission and Distribution Applications updated July 9, 2010, including the following:
  - a. an adjustment to the retail transmission service rates as provided in Guideline (G-2008-0001) on Retail Transmission Service Rates October 22, 2008 (Revision 2.0 July 8, 2010);
  - an increase in the Smart Meter funding from \$1.00 to \$2.00 per metered customer in compliance with the Guideline (G-2008-0002) on Smart Meter Funding and Cost Recovery October 22, 2008;

- c. the disposition of certain deferral and variance account principal balances as at December 31, 2009 along with the carrying charges projected to April 30, 2011 in accordance with the Report of the Board on Electricity Distributors' Deferral and Variance Account Review Initiative (EDDVAR) – July 31, 2009;
- d. the final disposition of \$200,000 in deferral and variance account principal balances as at December 31, 2008, along with the carrying charges projected to April 30, 2011, not disposed of by the Board in EB-2009-0213 in respect of balances attributable to a Wholesale Market Participant not contributing to the account balances therein;
- e. an adjustment to the revenue to cost ratio's as agreed to in Bluewater Power's Settlement Agreement and approved by the Ontario Energy Board under file number EB-2008-0221;
- f. Recovery of lost revenues of \$241,149.13 related to conservation and demand management programs implemented by Bluewater Power, and verified through a third party review; and
- g. Review and potential recovery of the late payment penalty litigation cost recovery consistent with treatment of such costs for all other electricity distributors filing for cost of service and IRM applications for 2011 electricity distribution rates.
- 4. This Application is supported by written evidence that may be amended from time to time, prior to the Board's final decision on this Application.
- 5. The Applicant requests that, pursuant to Section 34.01 of the Board's *Rules of Practice and Procedure*, this proceeding be conducted by way of written hearing.
- 6. The Applicant requests that a copy of all documents filed with the Board in this proceeding be served on the Applicant as follows:

Bluewater Power Distribution Corporation

2011 IRM Rate Application EB-2010-0065

October 15, 2010 Tab 1

Bluewater Power Distribution Corporation 855 Confederation Street Sarnia, ON N7T 7L6

Attention: Ms. Leslie Dugas Manager of Regulatory Affairs <u>ldugas@bluewaterpower.com</u> Telephone: (519) 337-8201 ext. 255 Fax: (519) 332-3878

DATED at Sarnia, Ontario, this 15th day of October, 2010.



Alex Palimaka, VP Corporate Service and General Counsel

#### **Manager's Summary**

Bluewater Power Distribution Corporation ("Bluewater Power") hereby submits a complete application for the approval of distribution rates proposed to be effective May 1, 2011 under the 2011 electricity distribution incentive regulation mechanism ("IRM"). Bluewater Power filed a comprehensive cost of service rebasing application for May 1, 2009 rates, proceeded by way of a Settlement Conference and Agreement, and had rates approved by the Ontario Energy Board ("OEB") under file number EB-2008-0221. Most recently, Bluewater Power submitted and had approved by the OEB an IRM application for rates effective May 1, 2010 under file number EB-2009-0213.

For purposes of the 2011 IRM application, Bluewater Power has relied upon the following OEB issued documents and guidelines:

- Chapter 3 of the Filing Requirements for Transmission and Distribution Applications updated on July 9, 2010 ("Filing Requirements")
- Guideline (G-2008-0001) on Retail Transmission Service Rates October 22, 2008 (Revision 2.0, July 8, 2010) known as ("RSTR Guidelines")
- Guideline (G-2008-0002) on Smart Meter Funding and Cost Recovery October 22, 2008 ("SM Funding")
- Report of the Board on Electricity Distributors' Deferral and Variance Account Review Initiative July 31, 2009 ("EDDVAR").
- Guidelines for Electricity Distributor Conservation And Demand Management EB-2008-0037, dated March 28, 2008

Listed below are the specific items to be addressed in the Manager's Summary and reflected in the IRM Model:

- 1. Embedded Market Participant Rate Rider
- 2. Current and Proposed Deferral and Variance Account Rate Riders
- 3. Revenue-to-Cost Ratio Adjustments
- 4. Shared Tax Savings Workform
- 5. Price Cap Adjustment
- 6. Retail Transmission Service Charges
- 7. Smart Meter Rate Rider
- 8. Lost Revenue Adjustment Mechanism
- 9. Late Payment Penalty Litigation Cost Recovery
- 10. Proposed Rates and Bill Impacts

#### 1. Embedded Market Participant Rate Rider

Bluewater Power has one wholesale market participant ("WMP") embedded within our service territory. We invoice the customer for distribution charges, and retail transmission network and connection charges. The customer has an arrangement with the IESO for the commodity and wholesale market service charges and settles with them directly for these items.

Historically, the practice of the Board is to approve disposition of the aggregate balance of all deferral and variance accounts through a single rate rider. However, during the 2010 IRM application process, the Board sought to establish a separate rate rider for the disposition of account 1588 RSVA – Power (Global Adjustment sub account) to only non-RPP customers. This had the effect of segregating customers based on their contribution to the variances in the deferral and variance accounts. This caused Bluewater Power to question the embedded WMP's contribution to certain deferral and variance accounts, namely account 1580 (RSVA - Wholesale Market Service Charge), and 1588 (RSVA – Power, excluding Global Adjustment) to which the embedded WMP does not contribute.

Through the 2010 IRM process, Bluewater Power received approval for a separate rate rider for the WMP which excluded certain dispositions from accounts 1580 and 1588. The Board withheld \$200,000 which is the approximate amount that would have been allocated to the WMP related to accounts 1580 and 1588, until the matter was thoroughly reviewed. Below is the excerpt related to the WMP from OEB's Decision and Order EB-2009-0213, page 12, dated April 13, 2010:

Bluewater has a Wholesale Market Participant ("WMP") that is connected to the Independent Electricity System Operator ("IESO") through its distribution system. A WMP has a contractually negotiated alternate energy arrangement with the IESO, and like any distributor, a WMP is billed directly by the IESO for energy consumption, wholesale market service rates ("WMSR"), and rural rate protection ("RRRP").

In its submission, Board staff suggested that if a WMP is connected to the distribution grid (i.e. using the distributor's wires to receive electricity), the variances included in accounts 1580 (Wholesale Market Service Rates and Rural Rate Protection) and 1588 (energy consumption) should not be attributable to the WMP since the WMP would have settled directly with IESO. Board staff stated that it was unclear on whether Bluewater's WMP fell into this category and submitted that it would be useful to the Board were Bluewater to provide additional information including its views on this particular issue.

In its reply submission, Bluewater noted that it was unaware of the potential implications of the WMP in respect of the disposition of Account 1580 and 1588 prior to considering Board staff's interrogatories related to RPP and non-RPP customers. Bluewater also noted that the financial implications for the WMP would greatly exceed those associated with the issue around the disposition of the global adjustment sub-account. Bluewater expressed the view that this issue needs to be resolved, but should be resolved in a more generic process. Bluewater further stated that it did not propose the exclusion of the WMP from the disposition of Account 1580 and 1588 in this rate application and had not provided notice to the WMP customer that of the impact of a potential change to the typical practice for disposing of account 1580 and 1588 balances. Bluewater concluded that this situation is not unique to it, and therefore all distributors with WMP should be treated consistently.

The Board agrees with Board staff and Bluewater that this is an issue that needs to be addressed. The Board also concurs that this application is not the appropriate forum to resolve this issue. The Board will not approve at this time the disposition of the credit amount in accounts 1580 and 1588 as proposed by Bluewater. The Board estimates that the credit amount that is attributable to the WMP by Bluewater is about \$200,000. The Board will approve the disposition of the remaining net balance in accounts 1580 and 1588 and directs Bluewater to retain a credit balance of \$200,000 in these accounts for disposition at a later time. Whether or not there will be a Board policy on this issue by the time Bluewater files its next rates application, Bluewater shall bring this matter forward at that time in any event.

No Board policy has been issued in respect of the treatment of WMP customers. Nevertheless, Bluewater Power has proposed in this application to dispose of the \$200,000 credit balance held in accounts 1580 and 1588 to all other customer classes eligible. That credit balance has been included in the calculations that produced the dispositions discussed in Section 2(b) of this Manager's Summary. Accordingly, that credit will be finally disposed of and the WMP will be denied recovery of its proportionate share of the credit.

Bluewater Power is further proposing in this application that the WMP be treated as a separate customer in respect to the disposition of the deferral accounts in this application, and we propose that the Group 1 deferral and variance accounts be segregated so that a distinct rate rider can be established for the WMP that excludes disposition of the following accounts:

- Account 1580 RSVA Wholesale Market Service Charge
- Account 1588 RSVA Power (excluding Global Adjustment)
- Account 1588 RSVA Power (sub account for Global Adjustment)

The effect of this treatment is to avoid imposing a charge to the WMP in the rate rider proposed for 2011. That treatment is appropriate in 2011, as it was appropriate in the disposition approved by the OEB in 2010, as the WMP has contributed to Global Adjustment and Wholesale Market Service Charges through the IESO.

For purposes of the 2011 Deferral and Variance Account workform, the WMP is treated as a separate rate category. Table 1 sets out the statistical basis for allocation of deferral account, such amounts taken from 2009 RRR filings. Tables 2 through 5 below detail the allocation of the deferral accounts to the category containing the WMP (labelled as "Large Use – WMP") as well as to all other rate categories.

Rate Class	Vol Metric	Metered kWh	Metered kW	Billed kWh for Non-RPP customers
Residential	kWh	256,212,050		45,035,338
General Service Less Than 50 kW	kWh	112,787,581		18,845,917
General Service 50 to 999 kW	kW	215,198,957	590,469	155,318,807
General Service 1,000 to 4,999 kW	kW	168,112,239	367,127	156,840,841
Large Use	kW	126,871,903	220,838	126,871,903
Unmetered Scattered Load	kWh	2,155,483		0
Sentinel Lighting	kW	655,494	1,549	100,559
Street Lighting	kW	8,841,203	24,000	5,423,606
Large Use - WMP	kW	124,059,105	190,452	0
Total		1,014,894,015	1,394,435	508,436,971

#### **Table 1 – 2009 RRR Billing Determinants**

Bluewater Power Distribution Corporation

2011 IRM Rate Application EB-2010-0065

October 15, 2010 Tab 1

Rate Class	Billed kWh	% kWh	Account 1550 (\$)	Account 1584 (\$)	Account 1586 (\$)	Total (\$)
Residential	256,212,050	25.2%	(19,228)	20,544	(44,333)	(43,017)
General Service Less Than 50 kW	112,787,581	11.1%	(8,465)	9,044	(19,516)	(18,937)
General Service 50 to 999 kW	215,198,957	21.2%	(16,150)	17,255	(37,237)	(36,131)
General Service 1,000 to 4,999 kW	168,112,239	16.6%	(12,617)	13,480	(29,089)	(28,226)
Large Use	126,871,903	12.5%	(9,522)	10,173	(21,953)	(21,302)
Unmetered Scattered Load	2,155,483	0.2%	(162)	173	(373)	(362)
Sentinel Lighting	655,494	0.1%	(49)	53	(113)	(110)
Street Lighting	8,841,203	0.9%	(664)	709	(1,530)	(1,484)
Large Use - WMP	124,059,105	12.2%	(9,310)	9,948	(21,466)	(20,829)
	1,014,894,015	100.0%	(76,166)	81,378	(175,610)	(170,398)

#### Table 2 – Allocation of Group 1 accounts that pertain to the WMP

Table 3 - Allocation of Group	1 accounts that do not a	nertain to WMP
<u>I abic 3 - Anocation of Oroup</u>	accounts that up not	

Rate Class	Billed kWh	% kWh	Account 1580 (\$)	Account 1588 (\$) (excl GA)	Total (\$)
Residential	256,212,050	28.8%	(115,978)	743,899	627,922
General Service Less Than 50 kW	112,787,581	12.7%	(51,055)	327,473	276,419
General Service 50 to 999 kW	215,198,957	24.2%	(97,413)	624,820	527,407
General Service 1,000 to 4,999 kW	168,112,239	18.9%	(76,098)	488,106	412,008
Large Use	126,871,903	14.2%	(57,430)	368,366	310,936
Unmetered Scattered Load	2,155,483	0.2%	(976)	6,258	5,283
Sentinel Lighting	655,494	0.1%	(297)	1,903	1,606
Street Lighting	8,841,203	1.0%	(4,002)	25,670	21,668
Large Use - WMP	0	0.0%	0	0	0
	890,834,910	100.0%	(403,248)	2,586,496	2,183,248

Rate Class	Non-RPP kWh	% kWh	1588 Global Adjustment (\$)
Residential	45,035,338	8.9%	230,837
General Service Less Than 50 kW	18,845,917	3.7%	96,598
General Service 50 to 999 kW	155,318,807	30.5%	796,116
General Service 1,000 to 4,999 kW	156,840,841	30.8%	803,918
Large Use	126,871,903	25.0%	650,306
Unmetered Scattered Load	0	0.0%	0
Sentinel Lighting	100,559	0.0%	515
Street Lighting	5,423,606	1.1%	27,800
Large Use - WMP	0	0.0%	0
	508,436,971	100.0%	2,606,090

#### Table 4 - Allocation of Global Adjustment sub-account, which excludes WMP

#### Table 5 – Resulting Rate Rider for WMP (excluding global adjustment)

Rate Class	Vol Metric	Billed kWh	Billed kW	Accounts Allocated by kWh with Large User – WMP (\$)	Accounts Allocated by kWh without Large User – WMP (\$)	Account 1590 (\$)	Account 1595 (\$)	Total (\$)	Rate Rider kWh H = G /
								$\mathbf{G} = \mathbf{C} + \mathbf{E}$	A (kWh)
		А	В	С	D	Е	F	D + E + F	or H = G / B (kW)
Residential	kWh	256,212,050	0	(43,017)	627,922	9,714	0	594,618	0.00116
General Service Less Than 50 kW	kWh	112,787,581	0	(18,937)	276,419	2,380	0	259,862	0.00115
General Service 50 to 999 kW	kW	215,198,957	590,469	(36,131)	527,407	3,015	0	494,290	0.41856
General Service 1,000 to 4,999 kW	kW	168,112,239	367,127	(28,226)	412,008	758	0	384,540	0.52372
Large Use	kW	126,871,903	220,838	(21,302)	310,936	952	0	290,587	0.65792
Unmetered Scattered Load	kWh	2,155,483	0	(362)	5,283	88	0	5,009	0.00116
Sentinel Lighting	kW	655,494	1,549	(110)	1,606	35	0	1,532	0.49441
Street Lighting	kW	8,841,203	24,000	(1,484)	21,668	35	0	20,219	0.42122
Large Use - WMP	kW	124,059,105	190,452	(20,829)	0	652	0	(20,177)	(0.05297)
		1,014,894,015	1,394,435	(170,398)	2,183,248	17,629	0	2,030,479	

#### 2. Current and Proposed Deferral Account Rate Riders

#### (a) Current Deferral Account Rate Riders

Bluewater Power currently has 2 distinct rate riders in effect. Rate Rider 1 was approved by the OEB as part of Bluewater Power's 2009 COS application, and entails disposing of \$(3,974,345) over a two year period ending April 30, 2011.

Rate Rider 2 was approved by the OEB as part of Bluewater Power's 2010 IRM application, and entails disposing of \$(2,725,917) over a two year period ending April 30, 2012.

Table 6 below details the current rate riders previously approved by the OEB.

Rate Class	Deferral Account 1 Clearing of Balances ending Dec 31, 2007 (\$)	Rate Rider 1 ends April 30, 2011	Deferral Account 2 Clearing of Balances ending Dec 31, 2008 (\$)	Rate Rider 2 Ends April 30, 2012	per kW or kWH
Residential	(712,460)	-0.0014	(860,600)	-0.0016	kWh
General Service Less Than 50 kW	(416,550)	-0.0017	(365,981)	-0.0015	kWh
General Service 50 to 999 kW	(866,715)	-0.7366	(585,438)	-0.4975	kW
General Service 1,000 to 4,999 kW	(721,653)	-0.9688	(412,376)	-0.5536	kW
Large Use	(1,224,804)	-1.4516	(352,473)	-0.8479	kW
Unmetered Scattered Load	(5,743)	-0.0013	(7,449)	-0.0017	kWh
Sentinel Lighting	(1,968)	-0.6011	(2,402)	-0.7337	kW
Street Lighting	(24,452)	-0.5189	(22,882)	-0.4856	kW
Large Use - Wholesale Market Participant	-	0	(116,315)	-0.2717	kW
Total	(3,974,345)		(2,725,917)		

#### <u>Table 6 – Current Deferral Account Disposition</u>

#### (b) Proposed Deferral Account Rate Rider 3

Bluewater Power is proposing to dispose of audited balances as of December 31, 2009. Table 7 below indicates the disposition by account.

Table 7 – balances in Group 1 deferrar and variance accounts					
Account Description	Account Number	Total Claim (\$)			
LV Variance Account	1550	(76,166)			
RSVA - Wholesale Market Service Charge	1580	(403,248)			
RSVA - Retail Transmission Network Charge	1584	81,378			
RSVA - Retail Transmission Connection Charge	1586	(175,610)			
RSVA - Power (Excluding Global Adjustment)	1588	2,586,496			
RSVA - Power (Global Adjustment Sub-account)		2,606,090			
Recovery of Regulatory Asset Balances	1590	17,629			
Residual Balance Disposition and recovery of Def/Var Balances Account (2008)	1595	0			
Total		4,636,569			

The balance of \$4,636,569 exceeds the materiality threshold of \$.001/kWh as defined in the EDDVAR report, therefore warrant disposition. Bluewater Power is proposing to dispose of the balance in the accounts over a two year period commencing May 1, 2011 to allow for smoothing of rates having regard to the proposed timing for the full recovery of Smart Meter related costs as part of the 2013 Cost of Service application.

In addition, Bluewater Power is proposing to dispose of the RSVA – Power (Global Adjustment sub-account) through a distinct rate rider for the non-RPP customers that exist at the time of disposition. Due to timing and the lack of materiality in the 2010 IRM Application, disposition of this account was to all customers; however, given the magnitude of the disposition in this application we have proposed a distinct rate rider for non-RPP customers and we expect to be in a position to bill in the manner required to implement that rate rider.

The resulting rate riders excluding global adjustment are presented in Table 8 below.

Rate Class	Total (\$)	Rate Rider \$/kWh – 2 year disposition	Vol Metric
Residential	594,618	0.00116	kWh
General Service Less Than 50 kW	259,862	0.00115	kWh
General Service 50 to 999 kW	494,290	0.41856	kW
General Service 1,000 to 4,999 kW	384,540	0.52372	kW
Large Use	290,587	0.65792	kW
Unmetered Scattered Load	5,009	0.00116	kWh
Sentinel Lighting	1,532	0.49441	kW
Street Lighting	20,219	0.42122	kW
Large Use - WMP	(20,177)	(0.05297)	kW
Total	2,030,479		

#### Table 8 – Proposed Deferral Account Rate Rider excluding global adjustment

The balance in Account 1588 – sub account Global Adjustment as at December 31, 2009 is \$2,606,090. Bluewater Power has used the 2009 RRR filing data as the billing determinant (shown in Table 1 above) for the allocation of the global adjustment balance. Bluewater Power is currently looking at the options of implementing the rate rider as either part of the delivery component, or as part of the electricity component. For the purposes of this application, we have calculated the rate rider as a per kWh charge to be included as part of the electricity component on the customer's bill. The resulting rate rider expressed as a uniform \$/kWh is detailed in Table 9.

#### <u>Table 9 – Global Adjustment rate rider</u>

Rate Class	Vol Metric	Non-RPP kWh	Total (\$)	Rate Rider \$/kWh – 2 year disposition
All Non-RPP Customers	kWh	508,436,971	2,606,090	0.00256

In the event that such a proposal to recover through a uniform \$/kWh is not acceptable to the OEB, or in the event that implementation requires the recovery to be calculated as a component of the distribution rate, we have shown the allocation that would be required from each rate class in Table 10 below.

Tab 1

Rate Class	Non-RPP kWh	% kWh	1588 – Global Adjustment (\$)
Residential	45,035,338	8.9%	230,837
General Service Less Than 50 kW	18,845,917	3.7%	96,598
General Service 50 to 999 kW	155,318,807	30.5%	796,116
General Service 1,000 to 4,999 kW	156,840,841	30.8%	803,918
Large Use	126,871,903	25.0%	650,306
Unmetered Scattered Load	0	0.0%	0
Sentinel Lighting	100,559	0.0%	515
Street Lighting	5,423,606	1.1%	27,800
Large Use – WMP	0	0.0%	0
Total	508,436,971	100.0%	2,606,090

Table 10 – Global	Adjustment a	llocation to	rate classes
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#### 3. Revenue-to-Cost Ratio Adjustments

Bluewater Power, as part of the Settlement Agreement for 2009 rates, agreed to adjustments to the revenue-to-cost ratio's over a number of years in order to bring the unmetered scattered load rate class and "Lighting Rate Classes" (sentinel lighting and street lighting) up to the target range as endorsed by the Ontario Energy Board ("the Board"). Below is an excerpt from the Settlement Agreement, Section 7.1, pages 28-29.

Bluewater Power has agreed that: in its 2010 Rate Application it will move each of the lighting categories one-third of the way to 0.85; in its 2011 Rate Application it will move each of the lighting categories one-half of the way to 0.85; and in its 2012 Rate Application it will move each of the lighting categories to a R/C Ratio of 0.85. In each year, the excess revenue will be allocated to the class with the highest R/C Ratio until it is no longer the highest, and then proportionately between the two or more classes with the highest R/C Ratios so that their R/C Ratios remain equal with each other, and so on, from year to year.

Bluewater Power has followed the parameters of the Settlement Agreement in this Application and has proposed to move the revenue-to-cost ratio's to the values indicated in Table 11, which is a summary of Sheet C1.5 of the Revenue to Cost Ratio Adjustment Workform

Rate Class	Current Revenue/Cost Ratio	Proposed Revenue/Cost Ratio (2011 IRM)	Dollar Change	% Change
Residential	1.03	1.03	\$ -	0.0%
General Service Less Than 50 kW	1.07	1.05	-\$ 67,063	-2.0%
General Service 50 to 999 kW	0.90	0.90	\$ -	0.0%
General Service 1,000 to 4,999 kW	1.01	1.01	\$ -	0.0%
Large Use	1.07	1.05	-\$ 26,487	-2.0%
Unmetered Scattered Load	0.75	0.80	\$ 8,864	6.7%
Sentinel Lighting	0.60	0.72	\$ 8,990	21.2%
Street Lighting	0.66	0.75	\$ 75,696	14.7%
			\$ 0	

#### Table 11 - Proposed Revenue-to-Cost Ratio Adjustments for 2011 IRM

#### 4. Tax Change

In 2011 the Corporate Tax Rate is expected to decrease from 30.99% to 28.25%, which creates an incremental tax savings of \$341,981. Given the Board's determination that a 50/50 sharing of the impact of known legislated tax changes is appropriate, the impact of the \$341,981 tax reduction equates to a decrease of \$170,990 in Bluewater Power's base distribution rates. The decrease is proposed to be reflected through a tax change rate rider dispersed over a one year period as detailed in the table below.

Rate Class	Distribution Volumetric Rate kWh Rate Rider	Distribution Volumetric Rate kW Rate Rider
Residential	-\$0.0003	
General Service Less Than 50 kW	-\$0.0002	
General Service 50 to 999 kW		-\$0.0415
General Service 1,000 to 4,999 kW		-\$0.0245
Large Use		-\$0.0318
Unmetered Scattered Load	-\$0.0005	
Sentinel Lighting		-\$0.2667
Street Lighting		-\$0.2134

<u>Table 12 – Tax Change Rate Rider</u>

#### 5. Price Cap Adjustment

Based on the current price cap parameters, the Rate Generator model reflects an adjustment of 1.18%. That calculation is based on a price escalator of 2.3%, less a productivity factor of 0.72%, and less a stretch factor of 0.4%. Bluewater Power understands the model will be adjusted at a later date to reflect the updated price escalator.

#### 6. Retail Transmission Service Rates

Bluewater Power is charged retail transmission service rates by both the Independent Electricity System Operator ("IESO"), and by Hydro One Networks, and in turn has established approved rates to charge customers in order to recover those expenses.

The OEB has provided a model to compare the current retail transmission costs and retail transmission revenues to the projected transmission costs. Bluewater Power has completed the model, and understands the model will be updated with any changes to either IESO or Hydro One's transmission service rates.

#### 7. Smart Meter

Bluewater Power is applying to the Board for an increase from the current \$1.00 smart meter funding adder to a \$2.00 per month funding adder. Bluewater Power submits that increasing the adder through this application will mitigate future smart meter disposition costs. The smart meter guideline G-2008-0002 indicates that a distributor may request a utility specific smart meter funding adder supported by the following information:

- A detailed smart meter plan which includes the number of meters proposed to be installed and an installation schedule for each month during which the proposed smart meter funding adder is expected to be in effect
  - the actual or estimated costs in total and on a per meter basis for:
    - □ procurement and installation of the components of the AMI system
    - □ customer information system
    - □ incremental operating and maintenance activities
    - □ changes to ancillary systems
    - $\Box$  stranded meters
  - a business plan justification for any smart meter or AMI costs that are incurred to support functionality that exceeds the minimum functionality adopted in O. Reg. 425/06, and an estimate of those costs
  - a statement as to whether the distributor has incurred, or expects to incur, costs associated with functions for which the SME has the exclusive authority to carry out pursuant to O. Reg. 393/07, and an estimate of those costs

At the time of this filing, Bluewater Power has installed approximately 77% of the smart meters, and plans on having 100% of the meters installed by the end of 2010. The baseline plan of monthly installation provided to the Board is detailed in the Table titled 'Appendix B – Baseline Report Part II' below, as well as the most recent monthly report to the OEB for the period ending September 30, 2010.

Subsequent to filing the baseline plan in April 2010, the Board provided a letter dated August 4, 2010 entitled 'Determination under Section 1.2.1 of the Standard Supply Service Code to Mandate Time-of-Use Pricing for Regulated Price Plan consumers, Board File 2010-0218'. The letter detailed the Mandatory TOU Date for all utilities. The relevant date for implementation of TOU Pricing for Bluewater Power is October 2011. Accordingly, what was detailed on the original baseline plan will change to accommodate the new mandatory TOU date.

October 15, 2010 Tab 1

#### Bluewater Power Distribution Corporation Appendix B - Baseline Report Part II PLANNED Installations as at April 1, 2010

		Resi	dential		GS<50kW				
Month	Meters Installed	Meters Enrolled	ToU Notice Sent	ToU Billing	Meters Installed	Meters Enrolled	ToU Notice Sent	ToU Billing	
9-May									
9-Jun									
9-Jul									
9-Aug									
9-Sep									
9-Oct									
9-Nov									
9-Dec									
10-Jan									
10-Feb									
10-Mar	344								
10-Apr	563								
10-May									
10-Jun	6,763								
10-Jul	14,763				700				
10-Aug	22,363				1,400				
10-Sep	31,430				2,100				
10-Oct					2,800				
10-Nov					3,512				
10-Dec									
11-Jan		31,430				3,512			
11-Feb									
11-Mar			15,715				1,756		
11-Apr			31,430				3,512	-	
11-May				15,715				1,756	
11-Jun				31,430				3,512	

As At September 30, 2010	Residential	GS<50
Total number of RPP eligible consumers	31,430	3,512
Number of smart meters installed in the month	5,704	285
Number of smart meters registered with the MDM/R in the quarter	-	-
Number of RPP consumers being charged TOU prices added this quarter	-	-
Total cumulative number of smart meters installed in the service area at the end of the quarter	25,946	828
Total cumulative number of smart meters registered with the MDM/R at the end of the quarter	_	_
Total cumulative number of consumers being charged TOU prices at the end of		
the quarter	-	-

As at September 30, 2010, the status of smart meter installations is as follows:

The costs incurred for the Advanced Metering Infrastructure ("the AMI") only, as defined in the Guideline G-2008-0002, are detailed in the Smart Meter Rate Calculation Model. These costs will support the proposed increase to the smart meter funding adder. The model assumes \$1.00 per month collection until April 2011, with a forecast of the carrying costs associated with the revenue collection projected to May 2012. The model indicates a proposed smart meter rate adder of \$2.95 for a 12 month period in order to recover the proxy revenue requirement for the AMI system. Sheet 8 from the Smart Meter rate calculation model, detailed below indicates the revenue requirement analysis. Bluewater Power feels that \$2.00 per month would be an appropriate rate adder rather than \$2.95 in order to provide for smooth pricing in respect of distribution rates.

#### Sheet 8 from the OEB Smart Meter Rate Calculation Model

Description	Amo	unt	
Revenue Requirement - 2006	\$	6,410.24	
Revenue Requirement - 2007	\$	24,705.09	
Revenue Requirement - 2008	\$	27,545.62	
Revenue Requirement - 2009	\$	35,221.52	
Revenue Requirement - 2010	\$	701,001.57	
Revenue Requirement - 2011	\$	1,308,008.67	
Total Revenue Requirement	\$	2,102,892.71	
Smart Meter Rate Adder Collected	-\$	827,856.45	
Carrying Cost / Interest	-\$	34,618.64	
Proposed Smart Meter Recovery	\$	1,240,417.62	
2011 Expected Metered Customers			35000
Proposed Smart Meter Rate Adder	\$	2.95	
		Page 1	6 of 20

Bluewater Power does not propose to incur any costs that support functionality exceeding the minimum functionality adopted in O.Reg. 425/06, nor do we propose any costs associated with functions for which the SME has exclusive authority to carry out pursuant to O.Reg 393/07.

#### 8. Lost Revenue Adjustment Mechanism ("LRAM")

Bluewater Power is proposing recovery of lost revenue in the amount of \$241,149.13 pertaining to OPA Conservation and Demand management programs implemented mainly in 2008 and 2009. An earlier LRAM/SSM claim was approved by the Board as part of Bluewater Power's 2009 COS application for the majority of programs implemented up to and including 2007.

Bluewater Power submits the following documents in support of its claim:

- A third party review completed by Burman Energy Consulting Group Inc. which validates the participation levels, the kW and kWh impact for each program for each class and a calculation of the impact of the CDM programs on distribution revenue.
- An Evaluation Plan which summarizes the programs implemented and the effectiveness of the programs

A rate rider was calculated utilizing the 2009 billing determinants for each rate class. Bluewater Power is proposing a 2 year disposition of the rate rider to coincide with the disposition of the other Group 1 deferral and variance accounts. The table below indicates the proposed rate rider per rate class.

Rate Class	Vol Metric	Metered kWh	LRAM Claim	LRAM Rate Rider \$/kWh - 2 year
Residential	kWh	256,212,050	\$ 216,708.05	\$ 0.0004
General Service Less Than 50 kW	kWh	112,787,581	\$ 24,441.08	\$ 0.0001
Total		368,999,631	\$ 241,149.13	

\*\*\*Inserts

#### 9. Late Payment Penalty Litigation Cost Recovery

As part of this application, Bluewater Power will be seeking recovery of a one-time expense in the amount of \$149,870 which is to be paid on June 30, 2011. This payment 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:

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

Bluewater Power will make a payment of \$149,870 by June 30, 2011. This amount represents Bluewater Power's share of the settlement, applicable taxes and legal fees. Bluewater Power 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.

Bluewater Power, along with all other electricity distributors filing for cost of service and IRM applications for 2011 electricity distribution rates (the "LDCs"), proposes that the Board hold a generic hearing at the earliest opportunity 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, Bluewater Power 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.

#### **10. Bill Impacts**

The rates proposed in this application are found at Tab 9 – Current and Proposed Rates, and the detailed bill impacts by rate class are found at Tab 10 – Bill Impacts.

The bill impacts from the proposed rates are summarized in Table 14 below. The impacts reflect minor adjustments to Distribution Charges (detailed more fully in Table 16). The primary driver of the Distribution Bill Impact is the removal of a credit in the form of Rate Rider 1 (detailed in section 2(a) of this Manager's Summary) and the addition of a charge in the form of Rate Rider 3 proposed with this application (detailed in Section 2(b)). In addition, certain rate categories (unmetered scattered load, sentinel and streetlighting) are realizing the impacts of the requirement to bring the revenue to cost ratios to the minimum of the target range as established by the Board, and as detailed in Section 3 of this Manager's Summary.

Rate Class	kWh	kW	Distribution Bill Impact \$	Distribution Bill Impact %	Delivery Bill Impact \$	Delivery Bill Impact %	Total Bill Impact \$	Total Bill Impact %
Residential	800		3.18	11.6%	2.94	8.0%	3.33	2.8%
General Service Less Than 50 kW	2000		5.33	9.9%	4.91	6.5%	5.55	2.0%
General Service 50 to 999 kW	140,000	480	538.86	42.2%	487.98	15.0%	551.42	3.0%
General Service 1,000 to 4,999 kW	1,100,000	3,000	4,417.46	172.8%	4,073.36	25.7%	4,602.89	3.5%
Large Use	6,400,000	10,000	20,157.73	112.5%	18,864.73	27.9%	21,317.14	2.9%
Unmetered Scattered Load (Impact per connection)	2000		10.40	12.7%	9.98	9.7%	11.27	3.6%
Sentinel Lighting (Impact per connection)	180	0.5	2.70	28.6%	2.66	24.1%	3.00	10.2%
Street Lighting (Impact per connection)	37	0.1	0.52	18.7%	0.50	16.1%	0.57	7.9%

#### **Table 14 – Proposed Bill Impacts by Rate Class**

To more clearly make the point above, we have reproduced the table excluding the impact of rate riders and adders. Therefore, Table 15 below shows the impact of this rate application on base rates, which is the amount that Bluewater Power requires to operate its ordinary business. The rate riders and adders are flow-through items related to commodity charges or other items not forming a part of the costs included in base rates. Accordingly, although Table 14 reflects the impact on customers, Table 15 reflects the minimal impact on distribution revenue from the utility's perspective.

#### <u>Table 15 - Proposed Bill Impacts where Distribution Charges exclude rate</u> <u>riders/adders</u>

Rate Class	kWh	kW	Distribution Bill Impact \$	Distribution Bill Impact %	Delivery Bill Impact \$	Delivery Bill Impact %	Total Bill Impact \$	Total Bill Impact %
Residential	800		0.02	0.1%	2.93	8.0%	3.31	2.8%
General Service Less Than 50 kW	2000		(1.07)	-1.8%	4.92	6.6%	5.55	2.0%
General Service 50 to 999 kW	140,000	480	3.27	0.2%	487.97	15.0%	551.41	3.0%
General Service 1,000 to 4,999 kW	1,100,000	3,000	12.46	0.2%	4,073.36	25.7%	4,602.90	3.5%
Large Use	6,400,000	10,000	(620.27)	-1.5%	18,864.73	27.9%	21,317.14	2.9%
Unmetered Scattered Load (Impact per connection)	2000		6.40	7.3%	9.99	9.7%	11.28	3.6%
Sentinel Lighting (Impact per connection)	180	0.5	2.28	22.6%	2.65	24.1%	3.00	10.2%
Street Lighting (Impact per connection)	37	0.1	0.45	15.5%	0.51	16.5%	0.58	8.0%

## Tab 2

## Deferral and Variance Account Workform



Name of LDC:Bluewater Power Distribution CorporationFile Number:EB-2010-0065Effective Date:Sunday, May 01, 2011Version : 1.9Sunday Nay 01, 2011

### **LDC Information**



#### **Global Adjustment Elections**





Name of LDC:Bluewater Power Distribution CorporationFile Number:EB-2010-0065Effective Date:Sunday, May 01, 2011Version : 1.9

## **Table of Contents**

Sheet Name	Purpose of Sheet
A1.1 LDC Information	Enter LDC Data
A2.1 Table of Contents	Table of Contents
A3.1 Sheet Selection	Set up worksheets for data input
B1.3 Rate Class And Bill Det	Rate Class and 2008 Billing Determinants
C1.2 2009 Transfer to 1595 COS	2009 Board Approved Transfer of 2007 Deferral/Variance accounts to 1595 COS
C1.4 2010 Transfer to 1595 IRM	2011 Board Approved Transfer of 2008 Deferral/Variance accounts to 1595 IRM
D1.5 Def Var - Cont Sch 2009	Deferral Variance - Continuity Schedule 2009
D1.6 Def Var - Con Sch Final	Deferral Variance - Continuity Schedule Final
E1.1 Threshold Test	Threshold Test
F1.1 Cost Allocation kWh	Cost Allocation - kWh
F1.1a Cost Allocation kWh	#N/A
F1.2 Cost Allocation Non-RPPkWh	Cost Allocation - Non-RPP kWh
F1.3 Cost Allocation 1590	Cost Allocation - 1590
G1.1a Calculation Rate Rider	Calculation of Deferral Variance Recovery Rate Rider without Global Adjustment
G1.1c Energy Glob Adj Rt Rider	Calculation of Electricity Component Global Adjustment Rate Rider
G1.2 Request for Clearance	Request for Clearance of Deferral and Variance Accounts

A2.1 Table of Contents



Name of LDC:Bluewater Power Distribution CorporationFile Number:EB-2010-0065Effective Date:Sunday, May 01, 2011Version : 1.9

### **Sheet Selection - Show / Hide**

B1.1 2006 Reg Assets

B1.2 2006 Reg Ass Prop Shr

C1.0 2006 Reg Asset Recovery

C1.1 2008 Transfer to 1595 COS

C1.2 2009 Transfer to 1595 COS

C1.3 2010 Transfer to 1595 COS

C1.4 2010 Transfer to 1595 IRM

D1.1 Def Var - Cont Sch 2005

D1.2 Def Var - Cont Sch 2006

D1.3 Def Var - Cont Sch 2007

D1.4 Def Var - Cont Sch 2008

F1.3 Cost Allocation 1590

F1.4 Cost Allocation 1595

Show / Hide Purpose of Sheet

Hide	To be used by distributor that has not previously disposed Deferral / Variance Accounts
Hide	To be used by distributor that has not previously disposed Deferral / Variance Accounts
Hide	To be used by distributor that has not previously disposed Deferral / Variance Accounts
Hide	To be used by distributor that disposed Deferral / Variance Accounts in a 2008 COS
Show	To be used by distributor that disposed Deferral / Variance Accounts in a 2009 COS
Hide	To be used by distributor that disposed Deferral / Variance Accounts in a 2010 COS
Show	To be used by distributor that disposed Deferral / Variance Accounts in a 2010 IRM
Hide	To be used by distributor that has not previously disposed 2005 Deferral / Variance Accounts
Hide	To be used by distributor that has not previously disposed 2006 Deferral / Variance Accounts
Hide	To be used by distributor that has not previously disposed 2007 Deferral / Variance Accounts
Hide	To be used by distributor that has not previously disposed 2008 Deferral / Variance Accounts
Show	To be used by distributor that has not previously disposed of residual 1590 Account
Hide	To be used by a 2008 COS distributor that is clearing its one year Deferral /Varaince disposition rate rider

A3.1 Sheet Selection



Name of LDC: File Number: Effective Date: Version : 1.9

Bluewater Power Distribution Corporation EB-2010-0065 Sunday, May 01, 2011

## Rate Class and Billing Determinants

				2009 Aud	ited RRR	
Rate Group	Rate Class	Fixed Metric	Vol Metric	Metered kWh	Metered kW	Billed kWh for Non-RPP customers
RES	Residential	Customer	kWh	256,212,050		45,035,338
GSLT50	General Service Less Than 50 kW	Customer	kWh	112,787,581		18,845,917
GSGT50	General Service 50 to 999 kW	Customer	kW	215,198,957	590,469	155,318,807
GSGT50	General Service 1,000 to 4,999 kW	Customer	kW	168,112,239	367,127	156,840,841
LU	Large Use	Customer	kW	126,871,903	220,838	126,871,903
USL	Unmetered Scattered Load	Connection	kWh	2,155,483		0
Sen	Sentinel Lighting	Connection	kW	655,494	1,549	100,559
SL	Street Lighting	Connection	kW	8,841,203	24,000	5,423,606
LU	Large Use - WMP	Customer	kW	124,059,105	190,452	0
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			

508,436,971



Name of LDC:Bluewater Power Distribution CorporationFile Number:EB-2010-0065Effective Date:Sunday, May 01, 2011Version : 1.9

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

OEB Decision EB-2008-0221

Disposition Recovery Sunset Date April 30, 2011

	Account Number	Principal Amounts	Interest Amount	Total Balance
Account Description				
Group 1 Accounts				
LV Variance Account	1550	33,141.00	1,578.00	34,719.00
RSVA - Wholesale Market Service Charge	1580	1,717,946.00	112,489.00	1,830,435.00
RSVA - Retail Transmission Network Charge	1584	(111,692.00)	(5,299.00)	(116,991.00)
RSVA - Retail Transmission Connection Charge	1586	327,908.00	68,761.00	396,669.00
RSVA - Power (Excluding Global Adjustment)	1588	2,526,543.00	328,131.00	2,854,674.00
RSVA - Power (Global Adjustment Sub-account)	1588	(199,595.00)	(12,552.00)	(212,147.00)
Recovery of Regulatory Asset Balances	1590	0.00	0.00	0.00
Sub-Total - Group 1 Accounts		4,294,251.00	493,108.00	4,787,359.00
Group 2 Accounts				
Other Regulatory Assets - Sub-Account - OEB Cost Assessments	1508	(96,824.00)	(16,455.00)	(113,279.00)
Other Regulatory Assets - Sub-Account - Pension Contributions	1508	(495,363.00)	(73,191.00)	(568,554.00)
Other Regulatory Assets - Sub-Account Deferred IFRS Transition Costs	1508	0.00	0.00	0.00
Other Regulatory Assets - Sub-Account - Other	1508	(130,666.00)	0.00	(130,666.00)
Other Regulatory Assets - Sub-Account - Other	1508	0.00	0.00	0.00
Retail Cost Variance Account - Retail	1518	0.00	0.00	0.00
Retail Cost Variance Account - STR	1548	0.00	0.00	0.00
Misc. Deferred Debits	1525	(447.00)	(69.00)	(516.00)
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	0.00	0.00	0.00
Other Deferred Credits	2425	0.00	0.00	0.00
Sub-Total - Group 2 Accounts		(723,300.00)	(89,715.00)	(813,015.00)
				, , , , , , , , , , , , , , , , , , ,
Disposition and recovery of Regulatory Balances Account	1595	(3,570,951.00)	(403,393.00)	(3,974,344.00)
Rate Rider Recovery				
Deferral Variance Recovery May 1, 2009 to December 31, 2009	1595	1,071,157.00	(11,367.00)	1,059,790.00
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
-				

Balance of Disposition and recovery of Regulatory Balances Account

C1.2 2009 Transfer to 1595 COS

(2,499,794.00)

1595

(414,760.00)

(2,914,554.00)



Name of LDC:Bluewater Power Distribution CorporationFile Number:EB-2010-0065Effective Date:Sunday, May 01, 2011Version : 1.9

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

Disposition Recovery Sunset Date April 30, 2011

	Account Number	Principal Amounts	Interest Amount	Total Balance
Account Description		Α	В	C = A + B
Group 1 Accounts				
LV Variance Account	1550	(9,408.00)	929.00	(8,479.00)
RSVA - Wholesale Market Service Charge	1580	490,745.00	17,576.00	508,321.00
RSVA - Retail Transmission Network Charge	1584	463,877.00	22,542.00	486,419.00
RSVA - Retail Transmission Connection Charge	1586	316,248.00	13,670.00	329,918.00
RSVA - Power (Excluding Global Adjustment)	1588	1,318,895.00	53,218.00	1,372,113.00
RSVA - Power (Global Adjustment Sub-account) - when not a separate rate rider	1588	(204,254.00)	(12,442.00)	(216,696.00)
Recovery of Regulatory Asset Balances	1590	2,026,712.00	(1,772,391.00)	254,321.00
Sub-Total - Group 1 Accounts		4,402,815.00	(1,676,898.00)	2,725,917.00
Board ordered disposition of immaterial amounts too small for rate riders				
IRM3 tax sharing z-factor		0.00	0.00	0.00
Disposition and recovery of Regulatory Balances Account	1595	(4,402,815.00)	1,676,898.00	(2,725,917.00)
Rate Rider Recovery				
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	

Balance of Disposition and recovery of Regulatory Balances Account

1595	0.00	0.00	0.00
1595	(4,402,815.00)	1,676,898.00	(2,725,917.00)

RSVA - Power (Global Adjustment Sub-account) - when a separate rate rider

Disposition and recovery of Regulatory Balances Account

#### **Rate Rider Recovery**

Deferral Variance Recovery May 1, 2010 to December 31, 2010 Deferral Variance Recovery Jan 1, 2011 to December 31, 2011 Deferral Variance Recovery Jan 1, 2012 to December 31, 2012 Deferral Variance Recovery Jan 1, 2013 to December 31, 2013 Deferral Variance Recovery Jan 1, 2014 to December 31, 2014 Deferral Variance Recovery Jan 1, 2015 to December 31, 2015

Balance of Disposition and recovery of Regulatory Balances Account

Account Number	Principal Amounts	Interest Amount	Total Balance
1588	0.00	0.00	0.00
1595	0.00	0.00	0.00

1595	0.00	0.00	0.00
1595	0.00	0.00	0.00
1595	0.00	0.00	0.00
1595	0.00	0.00	0.00
1595	0.00	0.00	0.00
1595	0.00	0.00	0.00
1595	0.00	0.00	0.00

C1.4 2010 Transfer to 1595 IRM

## **Deferral Variance - Continuity Schedule 2009**

	Account Number	Opening Principal Amounts as of Jan- 1-09	Transactions (additions) during 2009, excluding interest and adjustments 1	Transactions (reductions) during 2009, excluding interest and adjustments 1	Adjustments during 2009 - instructed by Board 2	Adjustments during 2009 - other 3	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 Amounts a 31-
LV Variance Account	1550	0	(76,148)					(76,148)	0	754		
RSVA - Wholesale Market Service Charge	1580	0	(401,955)					(401,955)	0	2,783		
RSVA - Retail Transmission Network Charge	1584	0	76,220					76,220	0	4,385		
RSVA - Retail Transmission Connection Charge	1586	0	(175,853)					(175,853)	0	2,026		
RSVA - Power (Excluding Global Adjustment)	1588	0	2,547,648					2,547,648	0	13,015		
RSVA - Power (Global Adjustment Sub-account)	1588	0	2,571,723					2,571,723	0	8,290		
Recovery of Regulatory Asset Balances	1590	0	0		0			0	0	17,629		
Residual Balance Disposition and recovery of Def/Var Balances Account (2008)	1595	0					0	0	0		0	
Total		0	4,541,635	0	0	0	0	4,541,635	0	48,882	0	

<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: File Number: Effective Date: Version : 1.9 Bluewater Power Distribution Corporation EB-2010-0065 Sunday, May 01, 2011

## **Deferral Variance - Continuity Schedule Final**

	Accou Numb
Account Description	
LV Variance Account	1550
RSVA - Wholesale Market Service Charge RSVA - Retail Transmission Network Charge RSVA - Retail Transmission Connection Charge	1580 1584 1586
RSVA - Power (Excluding Global Adjustment) RSVA - Power (Global Adjustment Sub-account)	1588
Recovery of Regulatory Asset Balances Residual Balance Disposition and recovery of Def/Var Balances Account (200	1590 3) 1595
То	tal

<sup>1</sup> Interest projected on December 31, 2009 closing principal balance.

count ımber	Opening Principal Amounts as of Jan-1-10	Adjustments - Please explain
	Α	В
550	(76,148)	
580	(401,955 )	
584	76,220	
586	(175,853)	
588	2,547,648	
	2,571,723	
590	0	
595	0	
	4,541,635	0

Month	Dracaribad Data
Month	Prescribed Rate
Sunday, January 31, 2010	0.55
Sunday, February 28, 2010	0.55
Wednesday, March 31, 2010	0.55
Friday, April 30, 2010	0.55
Monday, May 31, 2010	0.55
Wednesday, June 30, 2010	0.55
Saturday, July 31, 2010	0.89
Tuesday, August 31, 2010	0.89
Thursday, September 30, 2010	0.89
Sunday, October 31, 2010	0.89
Tuesday, November 30, 2010	0.89
Friday, December 31, 2010	0.89
Effective Rate	



Monthly Interest	Month	Prescribed Rate	Mon	thly Interest
0.0467	Monday, January 31, 2011	0.89		0.0756
0.0422	Monday, February 28, 2011	0.89		0.0683
0.0467	Thursday, March 31, 2011	0.89		0.0756
0.0452	Saturday, April 30, 2011	0.89		0.0732
0.0467	Effective Rate			0.2926
0.0452				
0.0756				

0.0756

0.0732 0.0756 0.0732 0.0756 0.7214



-



Name of LDC: File Number: Effective Date: Version : 1.9

Bluewater Power Distribution EB-2010-0065 Sunday, May 01, 2011

## **Threshold Test**

Billed kWh B
256,212,050
112,787,581
215,198,957
168,112,239
126,871,903
2,155,483
655,494
8,841,203
124,059,105
#############
4,636,569
0.004569


**Bluewater Power Distribution Corporation** Name of LDC: File Number: EB-2010-0065 Effective Date: Version: 1.9

# Sunday, May 01, 2011

### **Cost Allocation - kWh**

Rate Class	Billed kWh	Billed kWh % kWh						
			1550	1584	1586			
Residential	256,212,050	25.2%	(19,228)	20,544	(44,333)	(43,017)		
General Service Less Than 50 kW	112,787,581	11.1%	(8,465)	9,044	(19,516)	(18,937)		
General Service 50 to 999 kW	215,198,957	21.2%	(16,150)	17,255	(37,237)	(36,131)		
General Service 1,000 to 4,999 kW	168,112,239	16.6%	(12,617)	13,480	(29,089)	(28,226)		
Large Use	126,871,903	12.5%	(9,522)	10,173	(21,953)	(21,302)		
Unmetered Scattered Load	2,155,483	0.2%	(162)	173	(373)	(362)		
Sentinel Lighting	655,494	0.1%	(49)	53	(113)	(110)		
Street Lighting	8,841,203	0.9%	(664)	709	(1,530)	(1,484)		
Large Use - WMP	124,059,105	12.2%	(9,310)	9,948	(21,466)	(20,829)		
	1,014,894,015	100.0%	(76,166)	81,378	(175,610)	(170,398)		

-

-

-

-

1 RSVA - Power (Excluding Global Adjustment)



Bluewater Power Distribution Corporation EB-2010-0065 Sunday, May 01, 2011

### **Cost Allocation - kWh**

Rate Class	Billed kWh	% kWh						
			1580	<b>1588</b> 1				
Residential	256,212,050	28.8%	(115,978)	743,899	627,922			
General Service Less Than 50 kW	112,787,581	12.7%	(51,055)	327,473	276,419			
General Service 50 to 999 kW	215,198,957	24.2%	(97,413)	624,820	527,407			
General Service 1,000 to 4,999 kW	168,112,239	18.9%	(76,098)	488,106	412,008			
Large Use	126,871,903	14.2%	(57,430)	368,366	310,936			
Unmetered Scattered Load	2,155,483	0.2%	(976)	6,258	5,283			
Sentinel Lighting	655,494	0.1%	(297)	1,903	1,606			
Street Lighting	8,841,203	1.0%	(4,002)	25,670	21,668			
Large Use - WMP	0	0.0%	0	0	0			
	890,834,910	100.0%	(403, 248)	2,586,496	2,183,248			

-

-

1 RSVA - Power (Excluding Global Adjustment)



Bluewater Power Distribution Corporation EB-2010-0065 Sunday, May 01, 2011

### **Cost Allocation - Non-RPP kWh**

Rate Class	Non-RPP kWh	% kWh	<b>1588</b> 1
Residential	45,035,338	8.9%	230,837
General Service Less Than 50 kW	18,845,917	3.7%	96,598
General Service 50 to 999 kW	155,318,807	30.5%	796,116
General Service 1,000 to 4,999 kW	156,840,841	30.8%	803,918
Large Use	126,871,903	25.0%	650,306
Unmetered Scattered Load	0	0.0%	Ó
Sentinel Lighting	100.559	0.0%	515
Street Lighting	5,423,606	1.1%	27,800
Large Use - WMP	0	0.0%	Ó
J.	508,436,971	100.0%	2,606,090

1 RSVA - Power (Global Adjustment Sub-account)



Bluewater Power Distribution Corporation EB-2010-0065 Sunday, May 01, 2011

### **Cost Allocation - 1590**

Rate Class	1590 Recovery Share Proportion	1590
Residential	55.1%	9,714
General Service Less Than 50 kW	13.5%	2,380
General Service 50 to 999 kW	17.1%	3,015
General Service 1,000 to 4,999 kW	4.3%	758
Large Use	5.4%	952
Unmetered Scattered Load	0.5%	88
Sentinel Lighting	0.2%	35
Street Lighting	0.2%	35
Large Use - WMP	3.7%	652
	100.0%	17,629

F1.3 Cost Allocation 1590

-



Name of LDC: **Bluewater Power Distribution Corporation** EB-2010-0065 File Number: Sunday, May 01, 2011 Effective Date: Version : 1.9

# Calculation of Deferral Variance Recovery Rate Rider without Global Adjustment

Rate Rider Recovery Period - Years

Two

Rate Rider Effective To Date

Tuesday, April 30, 2013

Rate Class	Vol Metric	Billed kWh A	Billed kW B	Accounts Allocated by kWh with Large User -WMP C	Accounts Allocated by kWh without Large User -WMP D	Account 1590 E	Account 1595 F	Total G = C + D + E + F	Rate Rider kWh H = G / A (kWh) or H = G / B (kW)
Residential	kWh	256,212,050	0	(43,017)	627,922	9,714	0	594,618	0.00116
General Service Less Than 50 kW	kWh	112,787,581	0	(18,937)	276,419	2,380	0	259,862	0.00115
General Service 50 to 999 kW	kW	215,198,957	590,469	(36,131)	527,407	3,015	0	494,290	0.41856
General Service 1,000 to 4,999 kW	kW	168,112,239	367,127	(28,226)	412,008	758	0	384,540	0.52372
Large Use	kW	126,871,903	220,838	(21,302)	310,936	952	0	290,587	0.65792
Unmetered Scattered Load	kWh	2,155,483	0	(362)	5,283	88	0	5,009	0.00116
Sentinel Lighting	kW	655,494	1,549	(110)	1,606	35	0	1,532	0.49441
Street Lighting	kW	8,841,203	24,000	(1,484)	21,668	35	0	20,219	0.42122
Large Use - WMP	kW	124,059,105	190,452	(20,829)	0	652	0	(20,177)	(0.05297)
		1,014,894,015	1,394,435	(170,398)	2,183,248	17,629	0	2,030,479	
				2,183,248		-	-		
									Enter the above value ante Sheet

G1.1a Calculation Rate Rider

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: File Number: Effective Date:

Bluewater Power Distribution Corporation
EB-2010-0065
Sunday, May 01, 2011

### **Calculation of Electricity Component Global Adjustment Rate Rider**





File Number:

Name of LDC: Bluewater Power Distribution Corporation EB-2010-0065 Effective Date: Sunday, May 01, 2011 Version : 1.9

# **Request for Clearance of Deferral and Variance Accounts**

	Account Number	Principal Amounts	Interest Amounts	Total Claim
Account Description		Α	В	C = A + B
LV Variance Account	1550	76,148	18	76,166
RSVA - Wholesale Market Service Charge	1580	401,955	1,293	403,248
RSVA - Retail Transmission Network Charge	1584	(76,220)	(5,158)	(81,378)
RSVA - Retail Transmission Connection Charge	1586	175,853	(243)	175,610
RSVA - Power (Excluding Global Adjustment)	1588	(2,547,648)	(38,848)	(2,586,496)
RSVA - Power (Global Adjustment Sub-account)	1588	(2,571,723)	(34,367)	(2,606,090)
Recovery of Regulatory Asset Balances	1590	0	(17,629)	(17,629)
Balance of Disposition and recovery of Regulatory Balances Account (2008	1595	0	0	0
Disposition and recovery of Regulatory Balances Account	1595	4,541,635	94,934	4,636,569
	Total	0	0	0

# Tab 3 Revenue Cost Ratio Adjustment Workform



Bluewater Power Distribution Corporation IRM3 Sunday, May 01, 2011

# LDC Information

Applicant Name	Bluewater Power Distribution Corporation
OEB Application Number	IRM3
I DO Lissee New Low	
LDC Licence Number	ED-2002-0517
Applied for Effective Date	May 1, 2011
Last COS Re-based Year	2009
Last COS OEB Application Number	EB-2008-0221



# **Table of Contents**

Sheet Name	Purpose of Sheet
A1.1 LDC Information	Enter LDC Data
A2.1 Table of Contents	Table of Contents
B1.1 Re-Based Bill Det & Rates	Set Up Rate Classes and enter Re-Based Billing Determinants and Current Tariff Rates
B1.2 Removal of Rate Adders	Removal of Rate Adders
B1.3 Re-Based Rev From Rates	Calculated Current Revenue From Rates
C1.1 Decision Cost Revenue Adj	Decision - Cost Revenue Adjustments by Rate Class
C1.2 Revenue Offsets Allocation	Revenue Offsets Allocation
C1.3 Transformer Allowance	Transformer Allowance
C1.4 R C Ratio Revenue	Revenue / Cost Ratio Revenue
C1.5 Proposed R C Ratio Adj	Proposed Revenue / Cost Ratio Adjustment
C1.6 Proposed Revenue	Proposed Revenue from Revenue / Cost Ratio Adjustment
C1.7 Proposed F V Rev Alloc	Proposed Fixed Variable Revenue Allocation
C1.8 Proposed F V Rates	Proposed Fixed and Variable Rates
C1.9 Adjust To Proposed Rates	Adjustment required to Proposed Rates

A2.1 Table of Contents



## Rate Class Selection, Re-Based Billing Determinants & Current Tariff Rates

The purpose of this sheet is to set up the rate classes, enter the re-based billing determinants from your last cost of service application and enter the current service charge and volumetric distribution rates as found on your May 1, 2010 (or subsequent) Tariff of rates and charges.

	Last COS Re-based Year			2009											
	Last COS OEB Application Number			EB-2008-0221											
Rate Group	Rate Class Fixed Metric Vol Metric		o Rate Class Fixed Me		Fixed Metric Vol Metric		Fixed Metric Vol Metric		Fixed Metric Vol Metric		Re-based Billed kWh B		Current Tariff Service Charge D	Current Tariff Distribution Volumetric Rate kWh E	Current Tariff Distribution Volumetric Rate kW F
RES	Residential	Customer	kWh	31,560	261,847,739		13.66	0.0186							
GSLT50	General Service Less Than 50 kW	Customer	kWh	3,890	120,287,121		24.48	0.0172							
GSGT50	General Service 50 to 999 kW	Customer	kW	399	214,354,332	588,341	140.51		3.5243						
GSGT50	General Service 1,000 to 4,999 kW	Customer	kW	15	165,546,229	372,459	3,088.84		1.2655						
LU	Large Use	Customer	kW	3	280,461,771	421,890	25,035.58		1.4974						
USL	Unmetered Scattered Load	Connection	kWh	266	2,188,838		13.57	0.0369							
Sen	Sentinel Lighting	Connection	kW	526	684,138	1,637	2.34		15.4572						
SL	Street Lighting	Connection	kW	10,009	8,719,920	23,562	1.62		12.5074						
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												



Bluewater Power Distribution Corporation IRM3 Sunday, May 01, 2011

## **Removal of Rate Adders**

The purpose of this sheet is to remove from current tariff rates any rate adders included in rates. Most applicants will not require input on this sheet

Last COS Re-based Year	2009
Last COS OEB Application Number	EB-2008-0221

Rate Class	Current Tariff Service Charge A	Current Tariff Distribution Volumetric Rate kWh B	Current Tariff Distribution Volumetric Rate kW C	Service Charge Rate Adders D	Distribution Volumetric kWh Rate Adders E	Distribution Volumetric kW Rate Adders F
Residential	13.66	0.0186	0.0000	0.00	0.0000	0.0000
General Service Less Than 50 kW	24.48	0.0172	0.0000	0.00	0.0000	0.0000
General Service 50 to 999 kW	140.51	0.0000	3.5243	0.00	0.0000	0.0000
General Service 1,000 to 4,999 kW	3,088.84	0.0000	1.2655	0.00	0.0000	0.0000
Large Use	25,035.58	0.0000	1.4974	0.00	0.0000	0.0000
Unmetered Scattered Load	13.57	0.0369	0.0000	0.00	0.0000	0.0000
Sentinel Lighting	2.34	0.0000	15.4572	0.00	0.0000	0.0000
Street Lighting	1.62	0.0000	12.5074	0.00	0.0000	0.0000



Bluewater Power Distribution Corporation IRM3 Sunday, May 01, 2011

# **Calculated Current Revenue From Rates**

The purpose of this sheet is to calculate current revenue from rate classes

Last COS Re-based Year

2009

Last COS OEB Application Number

EB-2008-0221

Rate Class	Re-based Billed Customers or Connections A	Re-based Billed kWh B		Current Base Service Charge D	Volumetric	Current Base Distribution Volumetric Rate kW F	Service Charge Revenue G = A * D *12	Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW I = C * F	Revenue Requireme nt from Rates I
Residential	31,560	261,847,739	0	13.66	0.0186	0.0000	5,173,315	4,870,368	0	10,043,683
General Service Less Than 50 kW	3,890	120,287,121	0	24.48	0.0172	0.0000	1,142,726	2,068,938	0	3,211,665
General Service 50 to 999 kW	399	214,354,332	588,341	140.51	0.0000	3.5243	672,762	0	2,073,490	2,746,252
General Service 1,000 to 4,999 kW	15	165,546,229	372,459	3,088.84	0.0000	1.2655	555,991	0	471,347	1,027,338
Large Use	3	280,461,771	421,890	25,035.58	0.0000	1.4974	901,281	0	631,738	1,533,019
Unmetered Scattered Load	266	2,188,838	0	13.57	0.0369	0.0000	43,315	80,768	0	124,084
Sentinel Lighting	526	684,138	1,637	2.34	0.0000	15.4572	14,770	0	25,303	40,074
Street Lighting	10,009	8,719,920	23,562	1.62	0.0000	12.5074	194,575	0	294,699	489,274
							8,698,736	7,020,075	3,496,578	19,215,389



### **Decision - Cost Revenue Adjustments by Rate Class**

The purpose of this sheet is to input the Revenue Cost Ratios as determined from column G on Sheet "C1.5 Proposed R C Ratio Adj" of the applicants 2010 IRM3 Supplemental Filing Module or 2010 COS Decision and Order.

Under Direction the applicant can choose "No Change" - no change in that rate class ratio, "Change" - Board ordered change from COS decision, or Rebalance to apply offset adjustments to Decision prescribed rate classes.

		Current	Transition	Transition	Transition	Transition	Transition
Rate Class	Direction	Year	Year 1	Year 2	Year 3	Year 4	Year 5
		2010	2011	2012	2013	2014	2015
Residential	No Change	103.00%	103.00%	103.00%	103.00%	103.00%	103.00%
General Service Less Than 50 kW	Rebalance	107.00%	tbd	tbd	tbd	tbd	tbd
General Service 50 to 999 kW	No Change	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%
General Service 1,000 to 4,999 kW	No Change	101.00%	101.00%	101.00%	101.00%	101.00%	101.00%
Large Use	Rebalance	107.00%	tbd	tbd	tbd	tbd	tbd
Unmetered Scattered Load	Change	75.00%	80.00%	85.00%	0.00%	0.00%	0.00%
Sentinel Lighting	Change	59.67%	72.33%	85.00%	0.00%	0.00%	0.00%
Street Lighting	Change	65.67%	75.33%	85.00%	0.00%	0.00%	0.00%



Name of LDC:BluewateFile Number:IRM3Effective Date:Sunday,Version : 1.0

 Bluewater Power Distribution Corporation IRM3
 Sunday, May 01, 2011

# **Revenue Offsets Allocation**

The purpose of this sheet is to allocate the Revenue Offsets (miscellaneous revenue) found in the last COS to the various rate classes in proportion to the allocation from the Cost Allocation informational filing.

Rate Class	Informational Filing Revenue Offsets A	Percentage Split C= A / B	Allocated Revenue Offsets E = D * C
Residential	1,060,834	54.93%	400,193
General Service Less Than 50 kW	319,371	16.54%	120,481
General Service 50 to 999 kW	285,060	14.76%	107,537
General Service 1,000 to 4,999 kW	67,837	3.51%	25,591
Large Use	102,615	5.31%	38,711
Unmetered Scattered Load	23,536	1.22%	8,879
Sentinel Lighting	6,028	0.31%	2,274
Street Lighting	66,093	3.42%	24,933
	1,931,374	100.00%	728,598

В

Enter revenue offsets as found in Cell F47 on sheet "C1.2 Revenue Offsets Allocation" of the 2010 IRM3 Supplemental Filing Module or from 2010 COS RRWF

D



### **Transformer Allowance**

The purpose of this sheet is to remove the transformer allowance from volumetric rates. Under Transformer Allowance in Rates select "Yes" if included in that rate class or "No" if not included.

Once selected apply the update button to reveal input cells in which you can input the number of kW's and the transfromer rate for each rate class.

Rate Class	Allowance In Rate	Transformer Allowance			Volumetric Distribution Rate	
		Α	C	E	F	G
Residential	No					
General Service Less Than 50 kW	No					
General Service 50 to 999 kW	Yes	85,150	141,917	0.6000	3.5243	588,34
General Service 1,000 to 4,999 kW	Yes	202,746	337,910	0.6000	1.2655	372,45
Large Use	Yes	255,684	426,140	0.6000	1.4974	421,89
Unmetered Scattered Load	No					
Sentinel Lighting	No					
Street Lighting	No					
		543,580	905,967			1,382,690
		В	D	•		Н

Enter Transformer Allowance as found in Cell E47 on sheet "C1.3 Transformer Allowance" of the 2010 IRM3 Supplemental Filing Module or from 2010 COS RRWF

## Adjusted Volumetric Distribution Rate I=(F\*(G-C)+(F-E)\*C)/G ,341 3.3796 ,459 0.7212 ,890 0.8914

690



## **Revenue / Cost Ratio Revenue**

The purpose of this sheet is to calculate revenue by rate class that inlcudes Revenue Offsets and excludes Transformer Allowance prior to Revenue Cost Ratio Adjustment reallocation.

Rate Class	Billed Customers or Connectio ns A	Billed kWh B	Billed kW C	Base Service Charge D	n Volumetric	Base Distributio n Volumetric Rate kW F	Service Charge *12	Distribution Volumetric Rate kWh H = B * E	Distribution Volumetric Rate kW I = C * F	Revenue Requirement from Rates J = G + H + I
Residential	31,560	261,847,739	0	0 13.66	0.0186	0.0000	5,173,315	4,870,368	0	10,043,683
General Service Less Than 50 kW	3,890	120,287,121	0	0 24.48	0.0172	0.0000	1,142,726	2,068,938	0	3,211,665
General Service 50 to 999 kW	399	214,354,332	588,341	0 140.51	0.0000	3.3796	672,762	0	1,988,340	2,661,102
General Service 1,000 to 4,999 kW	15	165,546,229	372,459	0 3,088.84	0.0000	0.7212	555,991	0	268,601	824,592
Large Use	3	280,461,771	421,890	0 ########	0.0000	0.8914	901,281	0	376,054	1,277,335
Unmetered Scattered Load	266	2,188,838	0	0 13.57	0.0369	0.0000	43,315	80,768	0	124,084
Sentinel Lighting	526	684,138	1,637	0 2.34	0.0000	15.4572	14,770	0	25,303	40,074
Street Lighting	10,009	8,719,920	23,562	0 1.62	0.0000	12.5074	194,575	0	294,699	489,274
							8,698,736	7,020,075	2,952,998	18,671,809



# Proposed Revenue / Cost Ratio Adjustment

Rate Class	Adju	ısted Revenue A	Current Revenue Cost Ratio B	Re-	Allocated Cost C = A / B	Proposed Revenue Cost Ratio D	nal Adjusted Revenue E = C * D
Residential	\$	10,443,876	1.03	\$	10,139,685	1.03	\$ 10,443,876
General Service Less Than 50 kW	\$	3,332,145	1.07	\$	3,114,155	1.05	\$ 3,265,083
General Service 50 to 999 kW	\$	2,768,639	0.90	\$	3,076,266	0.90	\$ 2,768,639
General Service 1,000 to 4,999 kW	\$	850,183	1.01	\$	841,765	1.01	\$ 850,183
Large Use	\$	1,316,046	1.07	\$	1,229,949	1.05	\$ 1,289,559
Unmetered Scattered Load	\$	132,962	0.75	\$	177,283	0.80	\$ 141,827
Sentinel Lighting	\$	42,348	0.60	\$	70,974	0.72	\$ 51,338
Street Lighting	\$	514,207	0.66	\$	783,057	0.75	\$ 589,903
	\$	19,400,407		\$	19,433,134		\$ 19,400,407

Out of Balance

Final ? Yes

-

Do	ollar Change F = E - C	Percentage Change G = (E / C) - 1
\$	-	0.0%
-\$	67,063	-2.0%
\$	-	0.0%
\$	-	0.0%
-\$	26,487	-2.0%
\$	8,864	6.7%
\$	8,990	21.2%
\$	75,696	14.7%
\$	0	0.0%



### **Proposed Revenue from Revenue / Cost Ratio Adjustment**

Rate Class	Adjusted evenue By evenue Cost Ratio A	located Re- sed Revenue Offsets B	Revenue Requirement from Rates Before Transformer Allowance C = A - B	Tra	e-based ansformer llowance D	Revenue Requirement from Rates E = C + D
Residential	\$ 10,443,876	\$ 400,193	\$10,043,683	\$	-	\$10,043,683
General Service Less Than 50 kW	\$ 3,265,083	\$ 120,481	\$ 3,144,602	\$	-	\$ 3,144,602
General Service 50 to 999 kW	\$ 2,768,639	\$ 107,537	\$ 2,661,102	\$	85,150	\$ 2,746,252
General Service 1,000 to 4,999 kW	\$ 850,183	\$ 25,591	\$ 824,592	\$	202,746	\$ 1,027,338
Large Use	\$ 1,289,559	\$ 38,711	\$ 1,250,848	\$	255,684	\$ 1,506,532
Unmetered Scattered Load	\$ 141,827	\$ 8,879	\$ 132,948	\$	-	\$ 132,948
Sentinel Lighting	\$ 51,338	\$ 2,274	\$ 49,063	\$	-	\$ 49,063
Street Lighting	\$ 589,903	\$ 24,933	\$ 564,970	\$	-	\$ 564,970
	\$ 19,400,407	\$ 728,598	\$18,671,809	\$	543,580	\$19,215,389



# **Proposed Fixed Variable Revenue Allocation**

Rate Class	Reve	enue Requirement from Rates	Service Charge % Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	vice Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	venue Requirement om Rates by Rate Class
		A	В	C	D	E = A * B	F = A * C	G = A * D	H = E + F + G
Residential	\$	10,043,683	51.5%	48.5%	0.0%	\$ 5,173,315	\$ 4,870,368	\$ -	\$ 10,043,683
General Service Less Than 50 kW	\$	3,144,602	35.6%	64.4%	0.0%	\$ 1,118,865	\$ 2,025,737	\$ -	\$ 3,144,602
General Service 50 to 999 kW	\$	2,746,252	24.5%	0.0%	75.5%	\$ 672,762	\$-	\$ 2,073,490	\$ 2,746,252
General Service 1,000 to 4,999 kW	\$	1,027,338	54.1%	0.0%	45.9%	\$ 555,991	\$-	\$ 471,347	\$ 1,027,338
Large Use	\$	1,506,532	58.8%	0.0%	41.2%	\$ 885,709	\$-	\$ 620,823	\$ 1,506,532
Unmetered Scattered Load	\$	132,948	34.9%	65.1%	0.0%	\$ 46,410	\$ 86,538	\$ -	\$ 132,948
Sentinel Lighting	\$	49,063	36.9%	0.0%	63.1%	\$ 18,084	\$-	\$ 30,980	\$ 49,063
Street Lighting	\$	564,970	39.8%	0.0%	60.2%	\$ 224,678	\$-	\$ 340,292	\$ 564,970
	\$	19,215,389				\$ 8,695,813	\$ 6,982,643	\$ 3,536,932	\$ 19,215,389



# **Proposed Fixed and Variable Rates**

Rate Class	vice Charge Revenue A	Distribution Volumetric Rate Revenue kWh B	١	Distribution /olumetric Rate Revenue kW C	Re-based Billed Customers or Connections D	Re-based Billed kWh E	Re-based Billed kW F	Proposed Base Service Charge \ G = A / D / 12	Proposed Base Distribution /olumetric Rate kWh H = B / E	Proposed Base Distribution Volumetric Rate kW I = C / F
Residential	\$ 5,173,315	\$ 4,870,368	\$	-	31,560	261,847,739	0	13.66	0.0186	-
General Service Less Than 50 kW	\$ 1,118,865	\$ 2,025,737	\$	-	3,890	120,287,121	0	23.97	0.0168	-
General Service 50 to 999 kW	\$ 672,762	\$ -	\$	2,073,490	399	214,354,332	588,341	140.51	-	3.5243
General Service 1,000 to 4,999 kW	\$ 555,991	\$ -	\$	471,347	15	165,546,229	372,459	3,088.84	-	1.2655
Large Use	\$ 885,709	\$ -	\$	620,823	3	280,461,771	421,890	24,603.03	-	1.4715
Unmetered Scattered Load	\$ 46,410	\$ 86,538	\$	-	266	2,188,838	0	14.54	0.0395	-
Sentinel Lighting	\$ 18,084	\$ -	\$	30,980	526	684,138	1,637	2.86	-	18.9248
Street Lighting	\$ 224,678	\$ -	\$	340,292	10,009	8,719,920	23,562	1.87	-	14.4424



# Adjustment required to Proposed Rates

Rate Class	posed Base vice Charge A	D V	posed Base istribution /olumetric Rate kWh B	D V	oposed Base Distribution /olumetric Rate kW C		rrent Base vice Charge D	Di: Vo	rrent Base stribution olumetric ate kWh E	Di Ve	rrent Base stribution olumetric Rate kW F		Adjustment Required Bas Service Charg G = A - D	е	Adjustment Required Base Distribution /olumetric Rate kWh H = B - E	R€ [	Adjustment equired Base Distribution metric Rate kW I = C - F
Residential	\$ 13.66	\$	0.0186	\$	-		\$ 13.66	\$	0.0186	\$	-		\$-		\$-	\$	-
General Service Less Than 50 kW	\$ 23.97	\$	0.0168	\$	-	2	\$ 24.48	\$	0.0172	\$	-	-	\$ 0.5	1 -	\$ 0.0004	\$	-
General Service 50 to 999 kW	\$ 140.51	\$	-	\$	3.5243	2	\$ 140.51	\$	-	\$	3.5243		\$-		\$-	\$	-
General Service 1,000 to 4,999 kW	\$ 3,088.84	\$	-	\$	1.2655	2	\$ 3,088.84	\$	-	\$	1.2655		\$-		\$-	\$	-
Large Use	\$ 24,603.03	\$	-	\$	1.4715		\$ 25,035.58	\$	-	\$	1.4974	-	\$ 432.5	5	\$-	-\$	0.0259
Unmetered Scattered Load	\$ 14.54	\$	0.0395	\$	-	2	\$ 13.57	\$	0.0369	\$	-		\$ 0.9	7	\$ 0.0026	\$	-
Sentinel Lighting	\$ 2.86	\$	-	\$	18.9248	:	\$ 2.34	\$	-	\$	15.4572		\$ 0.5	2	\$-	\$	3.4676
Street Lighting	\$ 1.87	\$	-	\$	14.4424	2	\$ 1.62	\$	-	\$	12.5074		\$ 0.2	5	\$-	\$	1.9350

Enter the above values onto Sheet	
"D1.X Revenue Cost Ratio Adj"	
of the 2011 OEB IRM3 Rate Generator.	

# Tab 4 Shared Tax Savings Workform



Bluewater Power Distribution Corporation IRM3 Sunday, May 01, 2011

# LDC Information

Applicant Name	Bluewater Power Distribution Corporation
OEB Application Number	IRM3
LDC Licence Number	ED-2002-0517
Applied for Effective Date	May 1, 2011
Last COS Re-based Year	2009
Last COS OEB Application Number	EB-2008-0221



# **Table of Contents**

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

A2.1 Table of Contents



Bluewater Power Distribution Corporation IRM3 Sunday, May 01, 2011

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

Last COS Re-based Year

Last COS OEB Application Number

#### 2009 EB-2008-0221

Rate Group	Rate Class	Fixed Metric	Vol Metric	Re-based Billed Customers or Connections A	Re-based Billed kWh B		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	31,560	261,847,739		13.66	0.0186	
GSLT50	General Service Less Than 50 kW	Customer	kWh	3,890	120,287,121		23.97	0.0168	
GSGT50	General Service 50 to 999 kW	Customer	kW	399	214,354,332	588,341	140.51		3.5243
GSGT50	General Service 1,000 to 4,999 kW	Customer	kW	15	165,546,229	372,459	3,088.84		1.2655
LU	Large Use	Customer	kW	3	280,461,771	421,890	24,603.03		1.4715
USL	Unmetered Scattered Load	Connection	kWh	266	2,188,838		14.54	0.0395	
Sen	Sentinel Lighting	Connection	kW	526	684,138	1,637	2.86		18.9248
SL	Street Lighting	Connection	kW	10,009	8,719,920	23,562	1.87		14.4424
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						



# **Calculated Re-Based Revenue From Rates**

Last COS Re-based Year	2009
Last COS OEB Application Number	EB-2008-0221

Rate Class	Re-based Billed Customers or Connections A	Re-based Billed kWh B	Re-based Billed kW C	Rate ReBal Base Service Charge D	Rate ReBal Base Distribution Volumetric Rate kWh E	Rate ReBal Base Distribution Volumetric Rate kW F	Service Charge Revenue G = A * D *12	Distribution Volumetric Rate Revenue kWh H = B * E	Distribution Volumetric Rate Revenue kW I = C * F	Revenue Requirement from Rates J = G + H + I
Residential	31,560	261,847,739	0	13.66	0.0186	0.0000	5,173,315	4,870,368	0	10,043,683
General Service Less Than 50 kW	3,890	120,287,121	0	23.97	0.0168	0.0000	1,118,865	2,025,755	0	3,144,620
General Service 50 to 999 kW	399	214,354,332	588,341	140.51	0.0000	3.5243	672,762	0	2,073,490	2,746,252
General Service 1,000 to 4,999 kW	15	165,546,229	372,459	3,088.84	0.0000	1.2655	555,991	0	471,347	1,027,338
Large Use	3	280,461,771	421,890	24,603.03	0.0000	1.4715	885,709	0	620,823	1,506,532
Unmetered Scattered Load	266	2,188,838	0	14.54	0.0395	0.0000	46,410	86,538	0	132,948
Sentinel Lighting	526	684,138	1,637	2.86	0.0000	18.9248	18,084	0	30,980	49,063
Street Lighting	10,009	8,719,920	23,562	1.87	0.0000	14.4424	224,678	0	340,292	564,970
							8,695,813	6,982,661	3,536,933	19,215,407



Bluewater Power Distribution Corporation IRM3 Sunday, May 01, 2011

# Z-Factor Tax Changes

#### Summary - Sharing of Tax Change Forecast Amounts

20
\$47,83
\$15,00
\$32,83
C
\$ 7
<b>20</b> \$ 2,71
3
\$ 89
\$ 1,33
\$ 7
\$ 1,33
\$ 1,40

Sharing of Tax Savings (50%)

009		2010		2011		2012
330,944	\$4	47,830,944	\$4	47,830,944	\$	47,830,944
000,000	\$	15,000,000	\$	15,000,000	\$	15,000,000
330,944	\$3	32,830,944	\$3	32,830,944	\$	32,830,944
0.225%		0.150%		0.000%		0.000%
73,870	\$	24,421	\$	-	\$	-
009		2010		2011		2012
712,360	\$	2,712,360	\$	2,712,360	\$	2,712,360
33.00%		30.99%		28.25%		26.25%
395,079	\$	840,615	\$	766,187	\$	711,967
335,939	\$	1,218,141	\$	1,067,827	\$	965,366
73,870	\$	24,421	\$	-	\$	-
335,939	\$	1,218,141	\$	1,067,827	\$	965,366
109,808	\$	1,242,562	\$	1,067,827	\$	965,366
	-\$	167,246	-\$	341,981	-\$	444,442
	-\$	83,623	-\$	170,990	-\$	222,221



# 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	\$10,043,683.1454	52.27%	-\$89,375	261,847,739	0	-\$0.0003	
General Service Less Than 50 kW	\$3,144,620	16.37%	-\$27,983	120,287,121	0	-\$0.0002	
General Service 50 to 999 kW	\$2,746,252	14.29%	-\$24,438	214,354,332	588,341		-\$0.0415
General Service 1,000 to 4,999 kW	\$1,027,338	5.35%	-\$9,142	165,546,229	372,459		-\$0.0245
Large Use	\$1,506,532	7.84%	-\$13,406	280,461,771	421,890		-\$0.0318
Unmetered Scattered Load	\$132,948	0.69%	-\$1,183	2,188,838	0	-\$0.0005	
Sentinel Lighting	\$49,063	0.26%	-\$437	684,138	1,637		-\$0.2667
Street Lighting	\$564,970	2.94%	-\$5,027	8,719,920	23,562		-\$0.2134
	\$19,215,407	100.00%	-\$170,990				
	Н		-				

I.

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

# Tab 5 Retail Transmission Service Rates Workform



Bluewater Power Distribution Corporation EB-2010-0065

### **LDC Information**

Applicant Name	<b>Bluewater Power Distribution Corporation</b>
<b>OEB Application Number</b>	EB-2010-0065
LDC Licence Number	ED-2002-0517
Application Type	IRM3



LDC: Bluewater Power Distribution Corporation ber: EB-2010-0065

## **Table of Contents**

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



Bluewater Power Distribution Corporation EB-2010-0065

### 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	0.0060	0.0053
GSLT50	General Service Less Than 50 kW	kWh	0.0055	0.0047
GSGT50	General Service 50 to 999 kW	kW	2.2326	1.8765
GSGT50	General Service 1,000 to 4,999 kW	kW	2.3712	2.0571
LU	Large Use	kW	2.6255	2.3524
USL	Unmetered Scattered Load	kWh	0.0055	0.0047
Sen	Sentinel Lighting	kW	1.6923	1.4809
SL	Street Lighting	kW	1.6837	1.4507
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		

10/12/2010



**Bluewater Power Distribution Corporation** EB-2010-0065

# **2009 Distributor Billing Determinants**

Enter the most recently reported RRR billing determinants				
Loss Adjusted Metered kWh	No			
Loss Adjusted Metered kW	No			

Rate Class	Vol Metric	Metered kWh A	Metered kW B	Applicable Loss Factor C	Load Fact D = A / (B *
Residential	kWh	256,212,050	0	1.0356	
General Service Less Than 50 kW	kWh	112,787,581	0	1.0356	
General Service 50 to 999 kW	kW	215,198,957	590,469	1.0356	49.95%
General Service 1,000 to 4,999 kW	kW	168,112,239	367,127	1.0253	62.76%
Large Use	kW	250,931,008	411,290	1.0045	83.62%
Unmetered Scattered Load	kWh	2,155,483	0	1.0356	
Sentinel Lighting	kW	655,494	1,549	1.0356	58.00%
Street Lighting	kW	8,841,203	24,000	1.0356	50.49%
Total		4 014 004 015	4 204 425		
Total		1,014,894,015	1,394,435		

# actor \* 730)

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% %



Name of LDC:Bluewater Power Distribution CorporationFile Number:EB-2010-0065Version : 1.0

# Uniform Transmission and Hydro One Sub-Transmission Rates

Uniform Transmission Rates		Effective January 1, 2009		Effective July 1, 2009		Effective January 1, 2010			ve January 2011
Rate Description	Vol Metric		Rate	l	Rate	F	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		Effective May 1, 2008		Effective May 1, 2009		Effective May 1, 2010		Effective May 1, 2011	
Rate Description	Vol Metric		Rate	Rate		Rate		F	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		Effective May 1, 2008		Effective May 1, 2009		Effective May 1, 2010		Effective May 1, 2011	
Rate Description	Vol Metric		Rate		Rate	F	Rate	F	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

#### 10/12/2010



Bluewater Power Distribution Corporation EB-2010-0065

### **2009 Historical Wholesale Transmission**

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

#### IESO

IL30										
		Network	(	L	ine Conne	ection	Trans	Total Line		
Month	Billed	Rate	Amount	Billed Rate Amount		Bille	d Rate	Amount	Amount	
January	145,948	\$2.31	\$ 337,140	154,29	90 \$0.59	\$ 91,031	154,2	290 \$1.61	\$ 248,407	\$ 339,438
February	149,939	\$2.57	\$ 385,343	151,73	80 \$0.70	\$ 106,211	151,	730 \$1.62	\$ 245,803	\$ 352,014
March	149,340	\$2.57	\$ 383,804	149,66	\$7 \$0.70	\$ 104,767	149,	667 \$1.62	\$ 242,461	\$ 347,227
April	143,699	\$2.57	\$ 369,306	148,34	4 \$0.70	\$ 103,841	148,	344 \$1.62	\$ 240,317	\$ 344,158
May	116,064	\$2.57	\$ 298,284	123,26	\$8 \$0.70	\$ 86,288	123,2	268 \$1.62	\$ 199,694	\$ 285,982
June	118,268	\$2.57	\$ 303,849	129,39	3 \$0.70	\$ 90,575	129,3	393 \$1.62	\$ 209,617	\$ 300,192
July	145,291	\$2.57	\$ 373,398	153,38	80 \$0.70	\$ 107,366	153,	380 \$1.62	\$ 248,476	\$ 355,842
August	144,439	\$2.66	\$ 384,208	161,3 <sup>-</sup>	9 \$0.70	\$ 112,923	161,3	319 \$1.57	\$ 253,271	\$ 366,194
September	166,862	\$2.66	\$ 443,853	175,58	84 \$0.70	\$ 122,909	175,	584 \$1.57	\$ 275,667	\$ 398,576
October	134,067	\$2.66	\$ 356,618	144,21	2 \$0.70	\$ 100,948	144,2	212 \$1.57	\$ 226,413	\$ 327,361
November	121,239	\$2.66	\$ 322,496	131,44	4 \$0.70	\$ 92,011	131,4	44 \$1.57	\$ 206,367	\$ 298,378
December	132,615	\$2.66	\$ 352,756	137,37	7 \$0.70	\$ 96,164	137,	377 \$1.57	\$ 215,682	\$ 311,846
Total	1,667,771	\$2.58	\$4,311,055	1,760,00	)8 \$0.69	\$1,215,034	1,760,	008 \$1.60	\$2,812,173	\$4,027,207

#### Hydro One

		Network	Υ.	Line Connection				Line Transformation						Total Line		
Month	Billed	Rate	Amount	Billed	Rate	Α	mount		Billed	Rate		Amount		Amount	1	
	10.010	<b>\$</b> 0.04	<b>*</b>	10.040		<b>^</b>	0.070		10.040	<b>\$4.00</b>	<b>•</b>	10 117				
January	13,346	\$2.01	\$ 26,825	13,346	\$0.50	\$	6,673		13,346	\$1.38	\$	18,417		\$ 25,090		
February	13,435	\$2.01	\$ 27,004	13,435	\$0.50	\$	6,718		13,435	\$1.38	\$	18,540		\$ 25,258		
March	13,024	\$2.01	\$ 26,178	13,024	\$0.50	\$	6,512		13,024	\$1.38	\$	17,973	:	\$ 24,485		
April	12,637	\$2.01	\$ 25,400	12,637	\$0.50	\$	6,319		12,637	\$1.38	\$	17,439	:	\$ 23,758		
May	11,988	\$2.01	\$ 24,096	11,988	\$0.50	\$	5,994		11,988	\$1.38	\$	16,543	:	\$ 22,537		
June	10,617	\$2.01	\$ 21,340	10,617	\$0.50	\$	5,309		10,617	\$1.38	\$	14,651	:	\$ 19,960		
July	14,650	\$2.22	\$ 32,467	14,650	\$0.59	\$	8,638		14,650	\$1.39	\$	20,348	:	\$ 28,987		
August	12,628	\$2.24	\$ 28,287	12,628	\$0.60	\$	7,577		12,628	\$1.39	\$	17,553	:	\$ 25,130		
September	15,225	\$2.24	\$ 34,104	15,225	\$0.60	\$	9,135		15,225	\$1.39	\$	21,163	:	\$ 30,298		
October	12,311	\$2.24	\$ 27,577	12,311	\$0.60	\$	7,387		12,311	\$1.39	\$	17,112	:	\$ 24,499		
November	11,132	\$2.24	\$ 24,936	11,132	\$0.60	\$	6,679		11,132	\$1.39	\$	15,473	:	\$ 22,153		
December	11,561	\$2.24	\$ 25,897	11,561	\$0.60	\$	6,937		11,561	\$1.39	\$	16,070	1	\$ 23,006		
								_							-	
Total	152,554	\$2.12	\$ 324,112	152,554	\$0.55	\$	83,876		152,554	\$1.38	\$	211,284		\$ 295,161		
								-							J	

Total

		Networ	ĸ		Line Connection				Line T	Total Line			
Month	Billed	Rate	Amount	ļ	Billed	Rate	Amount		Billed	Rate	Amount	L	Amount
January February	159,294 163,374	\$2.28 \$2.52	\$ 363,965 \$ 412,348		167,636 165,165	\$0.58 \$0.68	\$    97,704 \$   112,929		167,636 165,165	\$1.59 \$1.60	\$ 266,824 \$ 264,343		<ul><li>\$ 364,528</li><li>\$ 377,271</li></ul>
March	162,364	\$2.53	\$ 409,982		162,691	\$0.68	\$ 111,279		162,691	\$1.60	\$ 260,434		\$ 371,713
April	156,336	\$2.52	\$ 394,707		160,981	\$0.68	\$ 110,159		160,981	\$1.60	\$ 257,756		\$ 367,916
May	128,052	\$2.52	\$ 322,380		135,256	\$0.68	\$ 92,282		135,256	\$1.60	\$ 216,238		\$ 308,519
June	128,885	\$2.52	\$ 325,189		140,010	\$0.68	\$ 95,884		140,010	\$1.60	\$ 224,268		\$ 320,152
July	159,941	\$2.54	\$ 405,865		168,030	\$0.69	\$ 116,004		168,030	\$1.60	\$ 268,824		\$ 384,828
August	157,067	\$2.63	\$ 412,494		173,947	\$0.69	\$ 120,500		173,947	\$1.56	\$ 270,824		\$ 391,324
September	182,087	\$2.62	\$ 477,957		190,809	\$0.69	\$ 132,044		190,809	\$1.56	\$ 296,830		\$ 428,873
October	146,378	\$2.62	\$ 384,195		156,523	\$0.69	\$ 108,335		156,523	\$1.56	\$ 243,525		\$ 351,860
November	132,371	\$2.62	\$ 347,431		142,576	\$0.69	\$ 98,690		142,576	\$1.56	\$ 221,841		\$ 320,531
December	144,176	\$2.63	\$ 378,653		148,938	\$0.69	\$ 103,101		148,938	\$1.56	\$ 231,752		\$ 334,852
Total	1,820,325	\$2.55	\$4,635,167		1,912,562	\$0.68	\$1,298,910		1,912,562	\$1.58	\$3,023,458		\$4,322,368


Bluewater Power Distribution Corporation EB-2010-0065

# **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

		Network		Lin	e Connect	tion	Transfor	mation Co	onnection	Total Line
Month	<b>Units Billed</b>	Rate	Amount	Units Billed	Rate	Amount	<b>Units Billed</b>	Rate	Amount	Amount
January	145,948	\$2.9700	\$ 433,466	154,290	\$0.7300	\$ 112,632	154,290	\$1.7100	\$ 263,836	\$ 376,468
February	149,939	\$2.9700	\$ 445,319	151,730	\$0.7300	\$ 110,763	151,730	\$1.7100	\$ 259,458	\$ 370,221
March	149,340	\$2.9700	\$ 443,540	149,667	\$0.7300	\$ 109,257	149,667	\$1.7100	\$ 255,931	\$ 365,187
April	143,699	\$2.9700	\$ 426,786	148,344	\$0.7300	\$ 108,291	148,344	\$1.7100	\$ 253,668	\$ 361,959
May	116,064	\$2.9700	\$ 344,710	123,268	\$0.7300	\$ 89,986	123,268	\$1.7100	\$ 210,788	\$ 300,774
June	118,268	\$2.9700	\$ 351,256	129,393	\$0.7300	\$ 94,457	129,393	\$1.7100	\$ 221,262	\$ 315,719
July	145,291	\$2.9700	\$ 431,514	153,380	\$0.7300	\$ 111,967	153,380	\$1.7100	\$ 262,280	\$ 374,247
August	144,439	\$2.9700	\$ 428,984	161,319	\$0.7300	\$ 117,763	161,319	\$1.7100	\$ 275,855	\$ 393,618
September	166,862	\$2.9700	\$ 495,580	175,584	\$0.7300	\$ 128,176	175,584	\$1.7100	\$ 300,249	\$ 428,425
October	134,067	\$2.9700	\$ 398,179	144,212	\$0.7300	\$ 105,275	144,212	\$1.7100	\$ 246,603	\$ 351,877
November	121,239	\$2.9700	\$ 360,080	131,444	\$0.7300	\$ 95,954	131,444	\$1.7100	\$ 224,769	\$ 320,723
December	132,615	\$2.9700	\$ 393,867	137,377	\$0.7300	\$ 100,285	137,377	\$1.7100	\$ 234,915	\$ 335,200
Total	1,667,771	\$2.9700	\$4,953,280	1,760,008	\$0.7300	\$1,284,806	1,760,008	\$1.7100	\$3,009,614	\$4,294,420

## Hydro One

-		Network		Lin	e Connect	ion		Line	Transform	nati	on	Ιſ	То	tal Line
Month	Units Billed	Rate	Amount	<b>Units Billed</b>	Rate	Α	mount	<b>Units Billed</b>	Rate		Amount		Α	mount
		s Hydro One Rat			s Hydro One Ra									
	B1.3 UTR's a	nd Sub-Transmis	sion Cell K48	B1.3 UTR's a	nd Sub-Transmi	ssion (	Cell K50							
January	13,346	\$2.6970	\$ 35,994	13,346	\$0.6150	\$	8,208	13,346	\$1.5000	\$	20,019		\$	28,227
February	13,435	\$2.6970	\$ 36,234	13,435	\$0.6150	\$	8,263	13,435	\$1.5000	\$	20,153		\$	28,415
March	13,024	\$2.6970	\$ 35,126	13,024	\$0.6150	\$	8,010	13,024	\$1.5000	\$	19,536		\$	27,546
April	12,637	\$2.6970	\$ 34,082	12,637	\$0.6150	\$	7,772	12,637	\$1.5000	\$	18,956		\$	26,727
May	11,988	\$2.6970	\$ 32,332	11,988	\$0.6150	\$	7,373	11,988	\$1.5000	\$	17,982		\$	25,355
June	10,617	\$2.6970	\$ 28,634	10,617	\$0.6150	\$	6,529	10,617	\$1.5000	\$	15,926		\$	22,455
July	14,650	\$2.6970	\$ 39,511	14,650	\$0.6150	\$	9,010	14,650	\$1.5000	\$	21,975		\$	30,985
August	12,628	\$2.6970	\$ 34,058	12,628	\$0.6150	\$	7,766	12,628	\$1.5000	\$	18,942		\$	26,708
September	15,225	\$2.6970	\$ 41,062	15,225	\$0.6150	\$	9,363	15,225	\$1.5000	\$	22,838		\$	32,201
October	12,311	\$2.6970	\$ 33,203	12,311	\$0.6150	\$	7,571	12,311	\$1.5000	\$	18,467		\$	26,038
November	11,132	\$2.6970	\$ 30,023	11,132	\$0.6150	\$	6,846	11,132	\$1.5000	\$	16,698		\$	23,544
December	11,561	\$2.6970	\$ 31,180	11,561	\$0.6150	\$	7,110	11,561	\$1.5000	\$	17,342		\$	24,452
Total	152,554	\$2.6970	\$ 411,438	152,554	\$0.6150	\$	93,821	152,554	\$1.5000	\$	228,831		\$	322,652
												-		

Total

	Network		Lin	e Connect	ion	Line	Transform	nation	Total Line	
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	159,294	\$2.9471	\$ 469,460	167,636	\$0.7208	\$ 120,839	167,636	\$1.6933	\$ 283,855	\$ 404,694
February	163,374	\$2.9475	\$ 481,553	165,165	\$0.7206	\$ 119,025	165,165	\$1.6929	\$ 279,611	\$ 398,636
March	162,364	\$2.9481	\$ 478,666	162,691	\$0.7208	\$ 117,267	162,691	\$1.6932	\$ 275,467	\$ 392,733
April	156,336	\$2.9479	\$ 460,868	160,981	\$0.7210	\$ 116,063	160,981	\$1.6935	\$ 272,624	\$ 388,687
May	128,052	\$2.9444	\$ 377,042	135,256	\$0.7198	\$ 97,358	135,256	\$1.6914	\$ 228,770	\$ 326,129
June	128,885	\$2.9475	\$ 379,890	140,010	\$0.7213	\$ 100,986	140,010	\$1.6941	\$ 237,188	\$ 338,174
July	159,941	\$2.9450	\$ 471,025	168,030	\$0.7200	\$ 120,977	168,030	\$1.6917	\$ 284,255	\$ 405,232
August	157,067	\$2.9481	\$ 463,042	173,947	\$0.7217	\$ 125,529	173,947	\$1.6948	\$ 294,797	\$ 420,327
September	182,087	\$2.9472	\$ 536,642	190,809	\$0.7208	\$ 137,540	190,809	\$1.6932	\$ 323,086	\$ 460,626
October	146,378	\$2.9470	\$ 431,382	156,523	\$0.7210	\$ 112,846	156,523	\$1.6935	\$ 265,069	\$ 377,915
November	132,371	\$2.9470	\$ 390,103	142,576	\$0.7210	\$ 102,800	142,576	\$1.6936	\$ 241,467	\$ 344,268
December	144,176	\$2.9481	\$ 425,047	148,938	\$0.7211	\$ 107,395	148,938	\$1.6937	\$ 252,256	\$ 359,651
Total	1,820,325	\$2.9471	\$5,364,718	1,912,562	\$0.7208	\$1,378,627	1,912,562	\$1.6932	\$3,238,445	\$4,617,071



Bluewater Power Distribution Corporation EB-2010-0065

# **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

		Network		Lin	e Connect	tion	Transfor	mation Co	onnection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	145,948	\$2.9700	\$ 433,466	154,290	\$0.7300	\$ 112,632	154,290	\$1.7100	\$ 263,836	\$ 376,468
February	149,939	\$2.9700	\$ 445,319	151,730	\$0.7300	\$ 110,763	151,730	\$1.7100	\$ 259,458	\$ 370,221
March	149,340	\$2.9700	\$ 443,540	149,667	\$0.7300	\$ 109,257	149,667	\$1.7100	\$ 255,931	\$ 365,187
April	143,699	\$2.9700	\$ 426,786	148,344	\$0.7300	\$ 108,291	148,344	\$1.7100	\$ 253,668	\$ 361,959
May	116,064	\$2.9700	\$ 344,710	123,268	\$0.7300	\$ 89,986	123,268	\$1.7100	\$ 210,788	\$ 300,774
June	118,268	\$2.9700	\$ 351,256	129,393	\$0.7300	\$ 94,457	129,393	\$1.7100	\$ 221,262	\$ 315,719
July	145,291	\$2.9700	\$ 431,514	153,380	\$0.7300	\$ 111,967	153,380	\$1.7100	\$ 262,280	\$ 374,247
August	144,439	\$2.9700	\$ 428,984	161,319	\$0.7300	\$ 117,763	161,319	\$1.7100	\$ 275,855	\$ 393,618
September	166,862	\$2.9700	\$ 495,580	175,584	\$0.7300	\$ 128,176	175,584	\$1.7100	\$ 300,249	\$ 428,425
October	134,067	\$2.9700	\$ 398,179	144,212	\$0.7300	\$ 105,275	144,212	\$1.7100	\$ 246,603	\$ 351,877
November	121,239	\$2.9700	\$ 360,080	131,444	\$0.7300	\$ 95,954	131,444	\$1.7100	\$ 224,769	\$ 320,723
December	132,615	\$2.9700	\$ 393,867	137,377	\$0.7300	\$ 100,285	137,377	\$1.7100	\$ 234,915	\$ 335,200
Total	1,667,771	\$2.9700	\$4,953,280	1,760,008	\$0.7300	\$1,284,806	1,760,008	\$1.7100	\$3,009,614	\$4,294,420

## Hydro One

-		Network		Lin	e Connect	ion			Line	Transform	ati	on	Γ	То	tal Line
Month	Units Billed	Rate	Amount	<b>Units Billed</b>	Rate	Α	mount		Units Billed	Rate		Amount		Α	mount
		s Hydro One Rat			s Hydro One Ra										
		nd Sub-Transmis			nd Sub-Transmi										
January	13,346	\$2.6970	\$ 35,994	13,346	\$0.6150	\$	8,208		13,346	\$1.5000	\$	20,019		\$	28,227
February	13,435	\$2.6970	\$ 36,234	13,435	\$0.6150	\$	8,263		13,435	\$1.5000	\$	20,153		\$	28,415
March	13,024	\$2.6970	\$ 35,126	13,024	\$0.6150	\$	8,010		13,024	\$1.5000	\$	19,536		\$	27,546
April	12,637	\$2.6970	\$ 34,082	12,637	\$0.6150	\$	7,772		12,637	\$1.5000	\$	18,956		\$	26,727
May	11,988	\$2.6970	\$ 32,332	11,988	\$0.6150	\$	7,373		11,988	\$1.5000	\$	17,982		\$	25,355
June	10,617	\$2.6970	\$ 28,634	10,617	\$0.6150	\$	6,529		10,617	\$1.5000	\$	15,926		\$	22,455
July	14,650	\$2.6970	\$ 39,511	14,650	\$0.6150	\$	9,010		14,650	\$1.5000	\$	21,975		\$	30,985
August	12,628	\$2.6970	\$ 34,058	12,628	\$0.6150	\$	7,766		12,628	\$1.5000	\$	18,942		\$	26,708
September	15,225	\$2.6970	\$ 41,062	15,225	\$0.6150	\$	9,363		15,225	\$1.5000	\$	22,838		\$	32,201
October	12,311	\$2.6970	\$ 33,203	12,311	\$0.6150	\$	7,571		12,311	\$1.5000	\$	18,467		\$	26,038
November	11,132	\$2.6970	\$ 30,023	11,132	\$0.6150	\$	6,846		11,132	\$1.5000	\$	16,698		\$	23,544
December	11,561	\$2.6970	\$ 31,180	11,561	\$0.6150	\$	7,110		11,561	\$1.5000	\$	17,342		\$	24,452
Total	152,554	\$2.6970	\$ 411,438	152,554	\$0.6150	\$	93,821		152,554	\$1.5000	\$	228,831		\$	322,652
								I					-		

Total

	Network		Lii	ne Connect	ion	Line	nation	Total Line	
Month	Units Billed R	ate Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	159,294 \$2.	.9471 \$ 469,460	167,636	\$0.7208	\$ 120,839	167,636	\$1.6933	\$ 283,855	\$ 404,694
February	, ,	.9475 \$ 481,553	165,165	•	\$ 119,025	165,165	\$1.6929	\$ 279,611	\$ 398,636
March	, ,	.9481 \$ 478,666	162,691	\$0.7208	\$ 117,267	162,691	\$1.6932	\$ 275,467	\$ 392,733
April	, ,	.9479 \$ 460,868	160,981	\$0.7210	\$ 116,063	160,981	\$1.6935	\$ 272,624	\$ 388,687
May	128,052 \$2.	.9444 \$ 377,042	135,256	\$0.7198	\$ 97,358	135,256	\$1.6914	\$ 228,770	\$ 326,129
June	128,885 \$2.	.9475 \$ 379,890	140,010	\$0.7213	\$ 100,986	140,010	\$1.6941	\$ 237,188	\$ 338,174
July	159,941 \$2.	.9450 \$ 471,025	168,030	\$0.7200	\$ 120,977	168,030	\$1.6917	\$ 284,255	\$ 405,232
August	157,067 \$2.	.9481 \$ 463,042	173,947	\$0.7217	\$ 125,529	173,947	\$1.6948	\$ 294,797	\$ 420,327
September	182,087 \$2.	.9472 \$ 536,642	190,809	\$0.7208	\$ 137,540	190,809	\$1.6932	\$ 323,086	\$ 460,626
October	146,378 \$2.	.9470 \$ 431,382	156,523	\$0.7210	\$ 112,846	156,523	\$1.6935	\$ 265,069	\$ 377,915
November	132,371 \$2.	.9470 \$ 390,103	142,576	\$0.7210	\$ 102,800	142,576	\$1.6936	\$ 241,467	\$ 344,268
December	144,176 \$2.	.9481 \$ 425,047	148,938	\$0.7211	\$ 107,395	148,938	\$1.6937	\$ 252,256	\$ 359,651
Total	1,820,325 \$2.	.9471 \$5,364,718	1,912,562	\$0.7208	\$1,378,627	1,912,562	\$1.6932	\$3,238,445	\$4,617,071



Bluewater Power Distribution Corporation EB-2010-0065

# 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		ent RTSR - etwork	Billed kWh	Billed kW	Bil	led Amount	Billed Amount %	Curr	ent Wholesale Billing	•	isted RTSR - Network
		(A) Colur	nn H Sheet B1.1	(B) Column H 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	\$	0.0060	256,212,050	0	\$	1,537,272	28.05%	\$	1,504,619	\$	0.0059
General Service Less Than 50 kW	kWh	\$	0.0055	112,787,581	0	\$	620,332	11.32%	\$	607,155	\$	0.0054
General Service 50 to 999 kW	kW	\$	2.2326	215,198,957	590,469	\$	1,318,281	24.05%	\$	1,290,279	\$	2.1852
General Service 1,000 to 4,999 kW	kW	\$	2.3712	168,112,239	367,127	\$	870,532	15.88%	\$	852,040	\$	2.3208
Large Use	kW	\$	2.6255	250,931,008	411,290	\$	1,079,842	19.70%	\$	1,056,905	\$	2.5697
Unmetered Scattered Load	kWh	\$	0.0055	2,155,483	0	\$	11,855	0.22%	\$	11,603	\$	0.0054
Sentinel Lighting	kW	\$	1.6923	655,494	1,549	\$	2,621	0.05%	\$	2,566	\$	1.6564
Street Lighting	kW	\$	1.6837	8,841,203	24,000	\$	40,409	0.74%	\$	39,550	\$	1.6479
				1,014,894,015	1,394,435	\$	5,481,144	100.00%	\$	5,364,718		
							(E)		(G) Ce	ell G73 Sheet C1.2		



Version: 1.0

Name of LDC:Bluewater Power Distribution CorporationFile Number:EB-2010-0065

# 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.

		Curre	nt RTSR -						Curr	ent Wholesale	Adju	usted RTSR -
Rate Class	Vol Metric	Cor	nection	Billed kWh	Billed kW	Bil	led Amount	Billed Amount %		Billing	C	onnection
		(A) Colum	nn J Sheet B1.1	(B) Column H 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	\$	0.0053	256,212,050	0	\$	1,357,924	28.49%	\$	1,315,486	\$	0.0051
General Service Less Than 50 kW	kWh	\$	0.0047	112,787,581	0	\$	530,102	11.12%	\$	513,535	\$	0.0046
General Service 50 to 999 kW	kW	\$	1.8765	215,198,957	590,469	\$	1,108,015	23.25%	\$	1,073,388	\$	1.8179
General Service 1,000 to 4,999 kW	kW	\$	2.0571	168,112,239	367,127	\$	755,217	15.85%	\$	731,615	\$	1.9928
Large Use	kW	\$	2.3524	250,931,008	411,290	\$	967,519	20.30%	\$	937,282	\$	2.2789
Unmetered Scattered Load	kWh	\$	0.0047	2,155,483	0	\$	10,131	0.21%	\$	9,814	\$	0.0046
Sentinel Lighting	kW	\$	1.4809	655,494	1,549	\$	2,294	0.05%	\$	2,222	\$	1.4346
Street Lighting	kW	\$	1.4507	8,841,203	24,000	\$	34,817	0.73%	\$	33,729	\$	1.4054
				1,014,894,015	1,394,435	\$	4,766,018	100.00%	\$	4,617,071		
							(E)		(G) Ce	ell Q73 Sheet C1.2		



Bluewater Power Distribution Corporation EB-2010-0065

# 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	•	ed RTSR - etwork	Billed kWh	Billed kW	Bil	led Amount	Billed Amount %		Forecast blesale Billing	•	osed RTSR - letwork
		(A) Colun	nn S Sheet D1.1	(B) Column H 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	\$	0.0059	256,212,050	0	\$	1,504,619	28.05%	\$	1,504,619	\$	0.0059
General Service Less Than 50 kW	kWh	\$	0.0054	112,787,581	0	\$	607,155	11.32%	\$	607,155	\$	0.0054
General Service 50 to 999 kW	kW	\$	2.1852	215,198,957	590,469	\$	1,290,279	24.05%	\$	1,290,279	\$	2.1852
General Service 1,000 to 4,999 kW	kW	\$	2.3208	168,112,239	367,127	\$	852,040	15.88%	\$	852,040	\$	2.3208
Large Use	kW	\$	2.5697	250,931,008	411,290	\$	1,056,905	19.70%	\$	1,056,905	\$	2.5697
Unmetered Scattered Load	kWh	\$	0.0054	2,155,483	0	\$	11,603	0.22%	\$	11,603	\$	0.0054
Sentinel Lighting	kW	\$	1.6564	655,494	1,549	\$	2,566	0.05%	\$	2,566	\$	1.6564
Street Lighting	kW	\$	1.6479	8,841,203	24,000	\$	39,550	0.74%	\$	39,550	\$	1.6479
				1,014,894,015	1,394,435	\$	5,364,718 (E)	100.00%	\$ Cell	5,364,718 G73 Sheet C1.3		



File Number: Version : 1.0

Name of LDC: Bluewater Power Distribution Corporation EB-2010-0065

# 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	-	ed RTSR -	Billed kWh	Billed kW	Bil	led Amount	Billed Amount %		Forecast blesale Billing	•	osed RTSR - nnection
		(A) Colun	nn S Sheet D1.2	(B) Column H 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	\$	0.0051	256,212,050	0	\$	1,315,486	28.49%	\$	1,315,486	\$	0.0051
General Service Less Than 50 kW	kWh	\$	0.0046	112,787,581	0	\$	513,535	11.12%	\$	513,535	\$	0.0046
General Service 50 to 999 kW	kW	\$	1.8179	215,198,957	590,469	\$	1,073,388	23.25%	\$	1,073,388	\$	1.8179
General Service 1,000 to 4,999 kW	kW	\$	1.9928	168,112,239	367,127	\$	731,615	15.85%	\$	731,615	\$	1.9928
Large Use	kW	\$	2.2789	250,931,008	411,290	\$	937,282	20.30%	\$	937,282	\$	2.2789
Unmetered Scattered Load	kWh	\$	0.0046	2,155,483	0	\$	9,814	0.21%	\$	9,814	\$	0.0046
Sentinel Lighting	kW	\$	1.4346	655,494	1,549	\$	2,222	0.05%	\$	2,222	\$	1.4346
Street Lighting	kW	\$	1.4054	8,841,203	24,000	\$	33,729	0.73%	\$	33,729	\$	1.4054
				1,014,894,015	1,394,435	\$	4,617,071	100.00%	\$	4,617,071		
							(E)		Cell	Q73 Sheet C1.3		



Name of LDC: File Number:

**Bluewater Power Distribution Corporation** EB-2010-0065

# **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	0.0060	0.0059	-0.000127447
General Service Less Than 50 kW	kWh	0.0055	0	-0.000116826
General Service 50 to 999 kW	kW	2.2326	2	-0.04742301
General Service 1,000 to 4,999 kW	kW	2.3712	2	-0.050367034
Large Use	kW	2.6255	3	-0.055768661
Unmetered Scattered Load	kWh	0.0055	0	-0.000116826
Sentinel Lighting	kW	1.6923	2	-0.035946412
Street Lighting	kW	1.6837	2	-0.035763738

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

10/12/2010



Name of LDC: File Number:

**Bluewater Power Distribution Corporation** EB-2010-0065

# **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	0.0053	0.0051	-0.000165634
General Service Less Than 50 kW	kWh	0.0047	0.0046	-0.000146883
General Service 50 to 999 kW	kW	1.8765	1.8179	-0.058643903
General Service 1,000 to 4,999 kW	kW	2.0571	1.9928	-0.064287969
Large Use	kW	2.3524	2.2789	-0.073516609
Unmetered Scattered Load	kWh	0.0047	0.0046	-0.000146883
Sentinel Lighting	kW	1.4809	1.4346	-0.046280712
Street Lighting	kW	1.4507	1.4054	-0.045336909

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



10/12/2010

# Tab 6 Smart Meter Rate Calculation Workform

# **Sheet 1** Utility Information Sheet

Name of LDC:	Bluewater Power Distribution Corporation
Licence Number:	ED-2002-0517
Date of Submission:	October 15, 2010
<u>Contact Information</u> Name:	Leslie Dugas
Title:	Manager of Regulatory Affairs
Phone Number:	519-338-8201 Ext 255
E-Mail Address:	Idugas@bluewaterpower.com

This model is the sole and direct responsibility of the user. The user is free to change the model in any way to suit individual needs. There is no guarantee that utilization of this model or its inherent calculations will be accepted by the OEB.

# Sheet 2. Smart Meter Capital Cost and Operational Expense Data

assume calendar year installation	2006	2007	2008	2
Planned number of Residential smart meters to be installed	Audited Actual	Audited Actual	Audited Actual	Audit
Flamed humber of Residential smart meters to be installed	-	-	-	
Planned number of General Service Less Than 50 kW smart meters	-	-	-	
Planned Meter Installation (Residential and Less Than 50 kW only)	<del>_</del>	-	-	
Percentage of Completion	0%	0%	0%	
Planned number of General Service Greater Than 50 kW smart meters	-	-	-	
Planned / Actual Meter Installations		-	-	
Other Unit Installation Plan:				
assume calendar year installation	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2 Audit
Planned number of Collectors to be installed	-	-	-	Audit
Planned number of Repeaters to be installed	-	-	-	
Other : Please specify				

## **Capital Costs**

**Smart Meter Unit Installation Plan:** 

1.1 ADVANCED METERING COMMUNICATIC Asset Type 2006 2007 2008 Audited Actual Audited Actual Audited Actual Au Smart Meter \$ 1,590 1.1.1 Smart Meter may include new meters and modules, etc. Smart Meter \$ 561 \$ 1.1.2 Installation Cost may include socket kits plus shipping, labour, benefits, vehicle, etc. Comp. Hard. \$ 1.1.3a Workforce Automation Hardware HW Quote - \$ may include fieldworker handhelds, barcode hardware, etc. Comp. Soft. \$ 1.1.3b Workforce Automation Software HW Quote may include fieldworker handhelds, barcode hardware, etc. Total Advanced Metering Communication Device (AMCD) 2,151 \$ - \$ \$ - \$

# 1.2 ADVANCED METERING REGIONAL COLLECTOR (AMRC) (includes LAN)

	· ·	2006		2007		2008	
		Audited Actual	A	udited Actual	A	udited Actual	Auc
1.2.1 Collectors Includes Exchange	Smart Meter	\$-	\$	-	\$	-	\$
1.2.2 Repeaters includes exchange	Smart Meter	\$-	\$	-	\$	-	\$
may include radio licence, etc.							
1.2.3 Installation	Smart Meter				\$	3,035	\$
may include meter seals and rings, collector computer hardware, etc.							•
Total Advanced Metering Regional Collector (AMRC) (include	s LAN)	\$-	\$	-	\$	3,035	\$
	-						
<b>1.3 ADVANCED METERING CONTROL COMP</b>	PUTER (AMCO	-					
		2006 Audited Actual	٨	2007 udited Actual	۸	2008 Judited Actual	Aud
1.3.1 Computer Hardware includes exchange on RNI	Comp. Hard.			-	\$		<u>\$</u>
	-						
1.3.2 Computer Software	Comp. Soft.	\$-	\$	-	\$	-	\$
1.3.3 Computer Software Licence & Installation (includes hard	Comp. Soft.	۹ ـ	\$	_	\$	_	\$
may include AS/400 disc space, backup & recovery computer, UPS, etc		Ŷ	Ψ		Ψ		Ψ
Total Advanced Metering Control Computer (AMCC)		\$ 10,62	2 \$	-	\$	-	\$
1.4 WIDE AREA NETWORK (WAN)		2006		2007		2008	
		Audited Actual	А	udited Actual	А	udited Actual	Aud
1.4.1 Activation Fees	Tools & Equ		\$	-	\$	-	\$
					-		

Total Wide Area Network (WAN) This model is the sole and direct responsibility of the user. The user is free to change the model in any way to suit individual needs. There is not

2009	2010	2011	Later	Total
udited Actual	Actual	Forecasted	Forecasted	
-	31,430	-	-	31,430
-	2,000	1,512	-	3,512
-	33,430	1,512	-	34,942
0%	96%	100%	100%	
-			-	-
-	33,430	1,512	-	34,942



2009 Audited Actual		2010 Actual		2011 Forecasted		Later Forecasted		Total
; -	\$	3,423,421		-		-	\$	3,425,011
; -	\$	724,738		65,000		-	\$	790,299
; -		6,500		-		-	\$	6,500
-		18,000		7,200		-	\$	25,200
; -	\$	4,172,659	\$	72,200	\$	-	\$	4,247,010
2009		2010		2011		Later		Total
Audited Actual		Actual		Forecasted		Forecasted		
-	\$	260,747	\$	-	\$	-	\$	260,747
-	\$	6,928	\$	-	\$	-	\$	6,928
5 10,504	\$	103,801	\$	-	\$	-	\$	117,341
,								,
5 10,504	\$	371,477	\$	-	\$	-	\$	385,016
10,004	¥	011,111	Ψ		Ψ		Ψ	000,010
2009		2010		2011		Later		Total
Audited Actual 59,261	\$	Actual 126,611	\$	Forecasted	\$	Forecasted	\$	196,494
00,201	Ψ	120,011	Ψ		Ψ		Ψ	100,404
<b>46,766</b>	\$	184,711	\$	13,000	\$	13,000	\$	257,476
<b>`</b>	\$		\$		\$		¢	
-	Φ	-	Φ	-	Φ	-	\$	-
106,026	\$	311,322	\$	13,000	\$	13,000	\$	453,970
2009		2010		2011		Later		Total
Audited Actual		Actual		Forecasted		Forecasted		
-	\$	-	\$	-	\$	-	\$	-
<b>-</b>	\$		\$	-	\$	-	\$	-

2. Smart Meter Data

# Sheet 2. Smart Meter Capital Cost and Operational Expense Data

1.5 OTHER AMI CAPITAL COSTS RELATED TO MIN	IMUM	2006	2007	2008	2009	2010	2011	Later	Total
		Audited Actual	Audited Actual	Audited Actual	Audited Actual	Actual	Forecasted	Forecasted	_
1.5.1 Customer equipment (including repair of damaged equi <mark>Othe</mark>	<mark>r Equip</mark> . \$		\$-	\$-	\$-	\$ 44,800		\$ -	\$ 44,800
1.5.2 AMI Interface to CIS Com	<mark>p. Soft.</mark> \$	<b>-</b>	\$-	\$-	\$-	\$ 160,000	\$-	\$-	\$ 160,000
1.5.3 Professional Fees Com	<mark>p. Soft.</mark> \$	6,521	\$ 4,801	\$ 840	\$ 55,243	\$ 164,715	\$ 52,250	\$-	\$ 284,369
1.5.4 Integration Com	<mark>p. Soft.</mark> \$	<b>}</b> -	\$-	\$-	\$-	\$ 19,162			\$ 19,162
1.5.5 Program Management Com	<mark>p. Soft.</mark> \$	S 172	\$ 1,316	\$ 448	\$ 2,184	\$ 290,798	\$ 350,000		\$ 644,918
1.5.6 Other AMI Capital Com	<mark>p. Soft.</mark> \$	-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Total Other AMI Capital Costs Related To Minimum Functionality	\$	6,692	\$ 6,117	\$ 1,288	\$ 57,427	\$ 679,475	\$ 402,250	\$-	\$ 1,153,249
Total Capital Costs	\$	5 19,465	\$ 6,117	\$ 4,323	\$ 173,958	\$ 5,534,932	\$ 487,450	\$ 13,000	\$ 6,239,245

# Sheet 2. Smart Meter Capital Cost and Operational Expense Data

# O M & A

2.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)

		2006		2007		2008	
2.1.1 Maintenance	Audit \$	ed Actual	Aud \$	lited Actual	Audi \$	ited Actual	Au \$
may include meter reverification costs, etc.	Ψ		Ψ		Ψ		Ψ
Total Incremental AMI Operation Expenses	\$	-	\$	-	\$	-	\$
2.2 ADVANCED METERING REGIONAL COLLECTOR (/	AMRC) (ii	ncludes	LAN)				
2.2.1 Maintenance	\$	-	\$	-	\$	-	\$
Total Advanced Metering Regional Collector (AMRC) (includes LAN)	\$	-	\$	-	\$	-	\$
2.3 ADVANCED METERING CONTROL COMPUTER (AM							
2.3.1 Hardware Maintenance	\$	-	\$	-	\$	-	\$
may include server support, etc							
2.3.2 Software Maintenance	\$	-	\$	-	\$	-	\$
may include maintenance support, etc.			•				
Total Advanced Metering Control Computer (AMCC)	\$	-	\$	-	\$	-	\$
2.4 WIDE AREA NETWORK (WAN)							
2.4.1 WIDE AREA NETWORK (WAN)	\$	-	\$	-	\$	-	\$
may include serial to Ethernet hardware, etc.							
Total Incremental Other Operation Expenses	\$	-	\$	-	\$	-	\$
2.5 OTHER AMI OM&A COSTS RELATED TO MINIMUM	FUNCTIO		(				
2.5.1 Business Process Redesign	\$	-	\$	-	\$	-	\$
2.5.2 Customer Communication	\$	27	\$	-	\$	-	\$
may include project communication. etc.							
2.5.3 Program Management							
2.5.4 Change Management			\$	14,796	\$	16,322	\$
may include training, etc.			•		•	10	•
2.5.5 Administration Cost	\$	2,805	\$	46	\$	16	\$
2.5.6 Other AMI Expenses	\$	1,935	\$	6,112	\$	4,497	\$
Total 2.5 Other AMI OM&A Costs Related To Minimum Functionality	\$	4,767	\$	20,955	\$	20,836	\$
otal O M & A Costs	\$	4,767	\$	20,955	\$	20,836	\$

2009 Judited Actual		2010 Actual		2011 Forecasted		Later Forecasted		Total		
-	\$	Actual -		Forecasted		Forecasted	\$	-		
_	\$	-	\$	-	\$		\$			
	Ψ		Ψ		Ψ	_	Ψ			
-	\$	-	-				\$	-		
					_					
-	\$	-	\$	-	\$	-	\$	-		
-	\$	-	\$	-	\$	-	\$	-		
-	\$	34,706	\$	126,184	\$	128,589	\$	289,479		
-	\$	34,706	\$	126,184	\$	128,589	\$	289,479		
-	\$	-	\$	-	\$	-	\$	-		
-	\$	-	\$	-	\$	-	\$	-		
-	\$	15,000	\$	-	\$	-	\$	15,000		
-	\$	100,000	\$	100,000	\$	-	\$	200,027		
		,								
	\$	-	\$	7,500	\$	7,500	\$	15,000		
12,432	\$	100,000	\$	28,250	\$	24,860	\$	196,660		
19	\$	1,533	\$	95,386	\$	96,758	\$	196,562		
4,727	\$	12,225	\$	22,600	\$	22,600	\$	74,696		
47 477	¢	220 757	¢	253,736	¢	454 740	¢	697,946		
17,177	\$	228,757	\$	203,130	\$	151,718	\$	097,940		
17,177	\$	263,464	\$	379,920	\$	280,307	\$	987,425		

## Sheet 3. LDC Assumptions and Data

- Assumptions: 1. Planned meter installations occur evenly through the year. 2. Year assumed January to December
- 3. Amortization is straight line and has half year rule applied in first year

	2006 EDR Data Information	2007	2008	2009	2010	2011	Later	
Rate Base								
Deemed Short Term Debt %			0%	4%	4%	4%	4%	
Deemed Debt	50%	50%	53%	53%	56%	56%	56%	
Deemed Equity	50%	50%	47%	43%	40%	40%	40%	
Deemed Short Term Debt Rate%			0.00%	1.33%	1.33%	1.33%	1.33%	
Weighted Debt Rate	7.25%	7.25%	7.25%	7.62%	7.62%	7.62%	7.62%	
Proposed ROE	9.00%	9.00%	9.00%	8.01%	8.01%	8.01%	8.01%	
Veighted Average Cost of Capital	8.13%	8.13%	8.07%	7.54%	7.52%	7.52%	7.52%	
Vorking Capital Allowance %	15.00%	15.00%	15.00%	12.00%	12.00%	12.00%	12.00%	
006 EDR Tax Rate								
Corporate Income Tax Rate	36.12%	36.12%	33.50%	33.00%	32.00%	30.50%	29.00%	
Capital Data:	2006	2007	2008	2009	2010	2011	Later	Tot
•			Audited Actual		Actual	Forecasted	Forecasted	
Smart Meter		\$ -	\$ 3,035	\$ 10,504 \$				\$ 4,600
Computer Hardware	\$ 10,622		\$	\$ 59,261 \$			\$-	\$ 202
Computer Software	\$ 6,692		\$	\$ 104,193 \$			*	+ -
Tools & Equipment	\$ -	\$ -	\$ -	\$ - \$	-	\$ -	\$ -	\$
Other Equipment	\$ -	\$-	\$-	\$-\$	/	\$-	\$-	\$ 44
otal Capital Costs	\$ 19,465	\$ 6,117	\$ 4,323	\$ 173,958 \$	5,490,132	\$ 487,450	\$ 13,000	\$ 6,18 <sup>-</sup>
	-	-	-	-	44,800.00	-	-	57,
	2006	2007	2008	2009	2010	2011	Later	Tot
Operating Expense Data:	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Actual	Forecasted	Forecasted	
2.1 Advanced Metering Communication Device (AMCD)	\$ -	\$ -	\$ -	\$ - \$	-	\$ -	\$ -	\$
2.2 Advanced Metering Regional Collector (AMRC) (includes LAN)	\$ -	\$ -	\$ -	\$ - \$	-	\$ -	\$ -	\$
2.3 Advanced Metering Control Computer (AMCC)	\$ -	\$ -	\$ -	\$ - \$	34,706	\$ 126,184	\$ 128,589	\$ 160
2.4 Wide Area Network (WAN)	\$-	\$ -	\$ - \$ 00.000	\$ - \$ \$ 47.477 \$	-	\$ - ¢ 050 700	\$ -	\$
2.5 Other AMI OM&A Costs Related To Minimum Functionality Total O M & A Costs		\$ 20,955 \$ 20,955	\$ 20,836 \$ 20,836	\$ 17,177 \$ \$ 17,177 \$	- / -	\$ 253,736 \$ 379,920	<ul><li>\$ 151,718</li><li>\$ 280,307</li></ul>	\$ 546 \$ 707
	φ 4,707 -	φ <u>20,955</u> -	φ 20,830 -	φ 17,177 φ -	-	-	φ 200,307 -	280,30
Per Meter Cost Split:	Per Meter	Installed	Investment	% of Invest				
Smart meter including installation	\$ 131.66	34,942		66%				
Computer Hardware Costs	\$ 5.81	34,942		3%				
Computer Software Costs	\$ 39.44	34,942		20%				
Tools & Equipment	\$ -	34,942		0%				
Other Equipment	\$ 1.28	34,942	\$ 44,800	1%				
Smart meter incremental operating expenses	\$ 20.24	34,942		10%				
otal Smart Meter Capital Costs per meter	\$ 198.42		\$ 6,933,364	100%				
	2006	2007	2008	2009	2010	2011	Later	
Depreciation Rates			Audited Actual		Actual	Forecasted	Forecasted	
Smart Meter (years)	15 5	15	15	15	15	15	15	
Computer Hardware (years) Computer Software (years)	5	5 5	5 5	5 5	5 5	5 5	5 5	
Tools & Equipment (years)	10	10	10	10	10	10	10	
Other Equipment (years)	10	10	10	10	10	10	10	
CCA Rates	2006	2007 Audited Actual	2008 Audited Actual	2009	2010	2011 Foregotted	Later	
CCA Class			Audited Actual		Actual	Forecasted	Forecasted	
Smart Meter	47 8%	47 8%	47 8%	47 8%	47 8%	47 8%	47 8%	
CCA Class	45	50	50	50	50	50	50	
Computer Equipment	45%	55%	55%	55%	55%	55%	55%	
	o	8	8	8	8	8	8	
CCA Class	8	0	0	0	0	0	0	

Il be accepted by the OEB3. LDC Assumptions and Data

# Sheet 4. Smart Meter Rev Req Calc

# Smart Meter Revenue Requirement Calculation

Average Asset Values	2006	2007	2008	2009
	Audited Actual	Audited Actual	Audited Actual	Audited Actual
Net Fixed Assets Smart Meters Net Fixed Assets Computer Hardware Net Fixed Assets Computer Software Net Fixed Assets Tools & Equipment Net Fixed Assets Other Equipment Total Net Fixed Assets	\$ 1,039.65 \$ 4,779.81 \$ 3,011.61 \$ - \$ - \$ - \$ 8,831.06 \$ 8,831.06	\$ 2,007.59         \$ 8,497.44         \$ 8,106.53         \$ -         \$ -         \$ 18,611.56	\$ 3,331.21 \$ 6,373.08 \$ 9,488.56 \$ - \$ - \$ 19,192.85 \$ 19,192.85	\$ 9,630.82 \$ 30,916.13 \$ 54,264.36 \$ - \$ - \$ 94,811.31 \$ 94,811.31
Working Capital Operation Expense Working Capital %	\$ 4,767.47 \$ 715.12 \$ 715.12	\$ 20,954.63 \$ 3,143.19 \$ 3,143.19	\$ 20,835.54 \$ 3,125.33 \$ 3,125.33	\$ 17,177.26 \$ 2,061.27 \$ 2,061.27
Smart Meters included in Rate Base	\$ 9,546.18	\$ 21,754.76	\$ 22,318.18	\$ 96,872.58
Return on Rate Base Deemed Short Term Debt % Deemed Long Term Debt % Deemed Equity %	50.0%       \$ 4,773.09         50.0%       \$ 4,773.09         \$ 9,546.18	50.0%       \$ 10,877.38         50.0%       \$ 10,877.38         \$ 21,754.76	0 53.0% \$ 11,828.64 47.0% \$ 10,489.54 \$ 22,318.18	0.04 52.7% \$ 51,022.79 43.3% \$ 41,974.89 \$ 92,997.67
Deemed Short Term Debt Rate% Weighted Debt Rate (3. LDC Assumptions and Data) Proposed ROE (3. LDC Assumptions and Data) <b>Return on Rate Base</b>	7.3%       \$ 346.05         9.0%       \$ 429.58         \$ 775.63       \$ 775.63	7.3%       \$ 788.61         9.0%       \$ 978.96         \$ 1,767.57       \$ 1,767.57	0.0% 7.3% \$ 857.58 9.0% \$ 944.06 \$ 1,801.64 \$ 1,801.64	1.3%         7.6%       \$ 3,887.94         8.0%       \$ 3,362.19         \$ 7,250.12       \$ 7,250.12
<b>Operating Expenses</b> Incremental Operating Expenses (3. LDC Assumptions and Data)	\$ 4,767.47	\$ 20,954.63	\$ 20,835.54	\$ 17,177.26
Amortization Expenses Amortization Expenses - Smart Meters Amortization Expenses - Computer Hardware Amortization Expenses - Computer Software Amortization Expenses - Tools & Equipment Amortization Expenses - Other Equipment <b>Total Amortization Expenses</b>	\$ 71.70 \$ 1,062.18 \$ 669.25 \$ - \$ - \$ - \$ 1,803.13	\$ 143.40 \$ 2,124.36 \$ 1,950.17 \$ - \$ - \$ - \$ -	\$ 244.57 \$ 2,124.36 \$ 2,690.66 \$ - \$ - \$ - \$ 5,059.60	\$ 695.90 \$ 8,050.45 \$ 13,238.77 \$ - \$ - \$ - \$ -
Revenue Requirement Before PILs	\$ 7,346.22	\$ 26,940.14	\$ 27,696.77	\$ 46,412.50
Calculation of Taxable Income Incremental Operating Expenses Depreciation Expenses Interest Expense Taxable Income For PILs	-\$ 4,767.47 -\$ 1,803.13 -\$ 346.05 <b>\$ 429.58</b>	-\$ 20,954.63 -\$ 4,217.93 -\$ 788.61 <b>\$ 978.96</b>		-\$ 17,177.26 -\$ 21,985.11 -\$ 3,887.94 <b>\$ 3,362.19</b>
Grossed up PILs (5. PILs)	-\$ 935.98	-\$ 2,235.05	-\$ 151.15	-\$ 11,190.98
Revenue Requirement Before PILs Grossed up PILs (5. PILs) <b>Revenue Requirement for Smart Meters</b>	\$ 7,346.22 -\$ 935.98 <b>\$ 6,410.24</b>	\$       26,940.14         -\$       2,235.05         \$       24,705.09	\$ 27,696.77 -\$ 151.15 <b>\$ 27,545.62</b>	\$       46,412.50         -\$       11,190.98         \$       35,221.52

## Sheet 4. Smart Meter Rev Req Calc

# evenue Requirement Calculation

## Average Asset Values

## Working Capital

Operation Expense Working Capital %

Smart Meters included in Rate Base

#### **Return on Rate Base**

Deemed Short Term Debt % Deemed Long Term Debt % Deemed Equity %

#### Deemed Short Term Debt Rate% Weighted Debt Rate (3. LDC Assumptions and Data) Proposed ROE (3. LDC Assumptions and Data) Return on Rate Base

#### **Operating Expenses**

Incremental Operating Expenses (3. LDC Assumptions and Data)

## Amortization Expenses

Amortization Expenses - Smart Meters Amortization Expenses - Computer Hardware Amortization Expenses - Computer Software Amortization Expenses - Tools & Equipment Amortization Expenses - Other Equipment **Total Amortization Expenses** 

## Revenue Requirement Before PILs

### Calculation of Taxable Income

Incremental Operating Expenses Depreciation Expenses Interest Expense Taxable Income For PILs

#### Grossed up PILs (5. PILs)

Revenue Requirement Before PILs Grossed up PILs (5. PILs) **Revenue Requirement for Smart Meters** 

				2010						2011
				Actual						Forecaste
\$	2,198,502						\$	4,262,709.12		
\$	109,432						\$	142,045.22		
\$	464,73	5.81					\$	924,265.10		
\$ \$	21,28	-					\$ \$	40,320.00		
\$	2,793,95		\$	2,793,951.32			<mark>\$</mark> \$	5,369,339.44		5,369,339.44
	, ,							, ,		
\$	263,463		•				\$	379,919.90		
\$	31,61	5.63	\$	31,615.63			\$	45,590.39	\$	45,590.3
			\$	2,825,566.95					\$	5,414,929.83
	56.0%	0.04		1,582,317.49				0.04 56.0%	\$	3,032,360.70
	40.0%		\$ \$	1,130,226.78				40.0%		2,165,971.9
	101070		\$ \$	2,712,544.27	-			101070	\$ \$	5,198,332.63
					-					
	1.3%		•					1.3%	•	004.005.0
	7.6% 8.0%		\$ \$	120,572.59 90,531.16				7.6% 8.0%	\$ \$	231,065.89 173,494.39
	0.070		\$	211,103.76	\$	211,103.7	6	0.070	\$	404,560.24
					\$	263,463.5	6			
			\$	151,700.56					\$	304,521.74
			\$ \$	27,287.63					\$ \$	40,598.7
			\$	107,396.59					\$	233,380.12
			\$ \$ \$	- 2,240.00					\$ \$ \$	- 4,480.00
			Ψ	2,210.00	\$	288,624.7	7		Ψ	1,100.00
					\$	763,192.0	9			
					-\$	263,463.5	6			
					-\$	288,624.7				
					-\$ -\$ -\$ \$	120,572.5	9			
					\$	90,531.1	6			
					-\$	62,190.5	2			
					\$ -\$ <b>\$</b>	763,192.0				
					-\$	62,190.5	2			
						701,001.5				



## Sheet 5. PILs

# **PILs Calculation**

		2006		2007		2008		2009		2010		2011		Later
ΙΝϹΟΜΕ ΤΑΧ	Αu	dited Actual	Αu	dited Actual	Aι	udited Actual	Αı	udited Actual		Actual		Forecasted		Forecasted
Net Income	\$	429.58	\$	978.96	\$	944.06	\$	3,362.19	\$	90,531.16	\$	173,494.35	\$	1,077.72
Amortization	\$	1,803.13	\$	4,217.93	\$	5,059.60	\$	21,985.11	\$	288,624.77	\$	582,980.57	\$	
CCA - Smart Meters	-\$	86.04	-\$	165.20	-\$	273.39	-\$	793.11	-\$	181,935.25	-\$	350,765.85	\$	-
CCA - Computers	-\$	3,895.71	-\$	9,062.33	-\$	6,114.39	-\$	48,055.51	-\$	333,461.23	-\$	533,117.74	\$	-
CCA - Other Equipment	\$	-	\$	-	\$	-	\$	-	-\$	4,480.00	-\$	8,064.00	\$	
Change in taxable income	-\$	1,749.04	-\$	4,030.63	-\$	384.13	-\$	23,501.31	-\$	140,720.54	-\$	135,472.67	\$	1,077.72
Tax Rate (3. LDC Assumptions and Data)		36.12%		36.12%		33.50%		33.00%		32.00%		30.50%		29.00%
Income Taxes Payable	-\$	631.75	-\$	1,455.86	-\$	128.68	-\$	7,755.43	-\$	45,030.57	-\$	41,319.16	\$	312.54
·														
ONTARIO CAPITAL TAX														
Smart Meters	\$	2,079.29	\$	1,935.89	\$	4,726.53	\$	14,535.11	\$ 4	4,382,469.99	\$ 4	4,142,948.25	\$	-
Computer Hardware	\$	9,559.62	\$	7,435.26	\$	5,310.90	\$	56,521.35	\$	162,344.58	\$	121,745.87	\$	-
Computer Software	\$	6,023.21	\$	10,189.85	\$	8,787.27	\$	99,741.45	\$	829,730.16	\$	1,018,800.04	\$	-
Tools & Equipment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Other Equipment	\$	-	\$	-	\$	-	\$	-	\$	42,560.00	\$	38,080.00	\$	-
Rate Base	\$	17,662.12	\$	19,561.00	\$	18,824.70	\$	170,797.92	\$ :	5,374,544.72	\$ :	5,283,494.15	\$	-
Less: Exemption	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Deemed Taxable Capital	\$	17,662.12	\$	19,561.00	\$	18,824.70	\$	170,797.92	\$ !	5,374,544.72	\$ :	5,283,494.15	\$	-
Ontario Capital Tax Rate		0.300%		0.225%		0.225%		0.225%		0.075%		0.000%		0.000%
Net Amount (Taxable Capital x Rate)	\$	52.99	\$	44.01	\$	42.36	\$	384.30	\$	4,030.91	\$	-	\$	-
Gross Up														
	P	Ls Payable	Ρ	ILs Payable	Ρ	ILs Payable	Ρ	ILs Payable	Ρ	ILs Payable	P	ILs Payable	F	PILs Payable
Change in Income Taxes Payable	-\$	631.75	-\$	1,455.86	-\$	128.68	-\$	7,755.43	-\$	45,030.57	-\$	41,319.16	\$	312.54
Change in OCT	¢	52.00	¢	44.01	¢	12 26	¢	20/ 20	¢	1 020 01	¢		¢	

1	030.91	45,030.57 4,030.97 40,999.66	1	\$	41,319.16 -	\$ \$	312.54
		,			-	\$	-
6	999.66	40,999.66	6	+			
			•	-\$	41,319.16	\$	312.54
	s Up	ross Up			Gross Up		Gross Up
	0%	32.00%			30.50%		29.00%
	ed Up	ossed Up		Ģ	Grossed Up		
	S	PILs			PILs	G	rossed Up PILs
3	221.43	66,221.43	3	-\$	59,452.04	\$	440.20
4	030.91	4,030.9	1	\$	-	\$	-
1	190.52	62,190.52	2	-\$	59,452.04	\$	440.20
	030.9	4,030.9	)	91	91 \$	91 \$ -	91 \$ - \$

This model is the sole and direct responsibility of the user. The user is free to change the model in any way to suit individual needs. There is no guarantee that utilization of this model or its inherent calculations will be accepted by the OEB.

# **Smart Meter Average Net Fixed Assets**

Net Fixed Assets - Smart Meters         Audited Actual         Audited Actual         Audited Actual         Audited Actual         Audited Actual         Audited Actual	Siliari weler Average n		A	55613								
Opening Capital Investment Capital Investment (2) LOC assumptions and back Capital Investment Coloing Capital Investment Coloing Capital Investment Capital Investment Coloing Capital Investment Capital Investment Coloing Capital Investment Coloing Capital Investment Capital Investment Coloing Capital Investment Capital Investment Coloing Capital I		2006		2007		2008		2009		2010		2011
Capital Investment         S         2150.99         S         -         S         31285/21         S         4,619288244         5,42           Closing Capital Investment         S         2,150.99         S         1,165.07         S         1,155.77         S         4,2150.29         S         1,165.57         S         1,155.57         S         1,155.57         S         1,155.57         S         1,155.57         S         1,215.01         S         499.67         S         1,155.57         S         1,43.50         S         4,2150.265         S         1,43.55         S         1,45.55         S         1,45.55         S         1,45.55         S         1,45.55         S         1,45.55         S         1,45.55         <	Net Fixed Assets - Smart Meters	Audited Actual	Au	idited Actual	A	udited Actual	A	udited Actual		Actual	ľ	Forecasted
Closing Capital Investment         \$ 2,150.99         \$ 2,150.99         \$ 5,186.20         \$ 15,690.68         \$ 4,535,326.21         \$ 4,60           Opening Accumulated Amortization         \$ - \$ 71.70         \$ 215.10         \$ 499.67         \$ 1,155.57         \$ 151,700.56         \$ 3           Opening Net Fixed Assets         \$ - \$ 2,079.29         \$ 1,935.89         \$ 4,726.53         \$ 1,453.51         \$ 4,382.469.99         \$ 4,153.51         \$ 4,138.51         \$ 4,138.51         \$ 4,138.51         \$ 4,138.51         \$ 4,138.51         \$ 4,138.51         \$ 4,148.55         \$ 1,155.	Opening Capital Investment	\$ -	\$	2,150.99	\$	2,150.99	\$	5,186.20	\$	15,690.68	\$	4,535,326.1
Opening Accumulated Amortization Amortization (15 Years Straight Line)         S         71.70         S         215.10         S         469.67         S         1.155.57         S         1.0           Opening Net Fixed Assets         \$         71.70         \$         143.40         \$         244.57         \$         695.90         \$         1.155.57         \$         152.856.13         \$         4           Opening Net Fixed Assets         \$         2.077.29         \$         1.935.89         \$         4.726.53         \$         1.4355.11         \$         4.382.99         \$         4.1355.11         \$         4.382.49.99         \$         4.1           Opening Net Fixed Assets         \$         1.035.69         \$         4.726.53         \$         1.455.67         \$         4.289.99         \$         4.1           Net Fixed Assets         \$         0.039.05         \$         2.007.29         \$         0.331.21         \$         4.030.22         \$         2.188.50.22         \$         2.188.50.22         \$         1.0621.80         \$         10.621.80         \$         10.621.80         \$         10.621.80         \$         10.621.80         \$         10.621.80         \$         10.621.80         \$	Capital Investment (3. LDC Assumptions and Data)		\$	-	\$	3,035.21	\$	10,504.48	\$	4,519,635.44	\$	65,000.0
Simulation (15 Years Straight Line)         \$ 71.70         \$ 143.40         \$ 244.57         \$ 695.90         \$ 157.705.66         \$ 3           Dening Net Fixed Assets         \$ 71.70         \$ 1157.00         \$ 4459.57         \$ 1156.57         \$ 1156.57         \$ 157.705.66         \$ 3         \$ 413.66         \$ 1156.57         \$ 157.705.66         \$ 3         \$ 1056.57         \$ 157.705.66         \$ 3         \$ 143.56         \$ 143.56.31         \$ 44.57.53         \$ 145.55.31         \$ 44.57.53         \$ 14.535.11         \$ 4.32.65.11	Closing Capital Investment	\$ 2,150.99	\$	2,150.99	\$	5,186.20	\$	15,690.68	\$	4,535,326.12	\$ 4	4,600,326.1
Sign Accumulated Amortization         \$         71.70         \$         215.10         \$         459.67         \$         1,155.57         \$         152,856.13         \$         4           Opening Net Fixed Assets         \$         -         \$         2,079.29         \$         1,935.89         \$         4,726.53         \$         14,535.11         \$         43.80         \$         4,286.51         \$         4,286.53         \$         14,535.11         \$         43.80         \$         4,286.53         \$         14,535.11         \$         43.80         \$         4,286.67         \$         2,199.50         \$         4,286.53         \$         14,535.11         \$         4,380         \$         4,286.67         \$         2,199.50         \$         4,216.11         \$         4,286.18         \$         4,286.18         \$         4,286.18         \$         4,218.08         \$         1,016.21.80         \$         1,016.21.80         \$         1,016.21.80         \$         1,016.21.80         \$         1,016.21.80         \$         1,016.18         \$         1,016.18         \$         1,016.18         \$         1,016.18         \$         1,016.18         \$         1,016.18         \$         1,016.18				71.70	\$				\$	1,155.57	\$	152,856.1
S         2.079.29         \$         1.935.89         \$         4.726.53         \$         1.4535.11         \$ 4.3           Closing Net Fixed Assets         \$         2.079.29         \$         1.935.89         \$         4.726.53         \$         1.4535.11         \$ 4.322.469.99         \$ 4.1           Average Net Fixed Assets         2.006         2.007.29         \$         3.331.21         9.650.62         \$         1.4535.11         \$ 4.322.469.99         \$ 4.1           Average Net Fixed Assets         - Computer Hat         Audited Actual         \$         \$         1.0621.80         \$         1.0621.80         \$         3.160.64         \$         5.310.90         \$         5.61.21.35         \$         1.021.81         \$         3.160.64         \$         5.310.80         \$         5.61.621.35         \$		\$ 71.70						695.90	\$	151,700.56	\$	304,521.7
Sicking Net Fixed Assets         Source	Closing Accumulated Amortization	\$ 71.70	\$	215.10	\$	459.67	\$	1,155.57	\$	152,856.13	\$	457,377.8
Side in plane Fixed Assets         3         2.079.29         1.935.89         4.726.53         1.4,535.11         5         4.382.469.99         5.4,15           Net Fixed Assets         3         2.007.59         3.331.21         9.630.82         5         2,196.502.55         5         4.22           Net Fixed Assets         -         3         0.621.80         5         1.0361.35         5         2.02993.65         5         2         2.02993.65         5         2         2.02993.65         5         2.02993.65         5         2.02993.65         5         2.02993.65         5         3.161.35         5         1.0621.80         5         1.0621.80         5	Opening Net Fixed Assets	\$-	\$	2,079.29	\$	1,935.89	\$	4,726.53	\$	14,535.11	\$ .	4,382,469.9
2006         2007         2008         2009         2010         3           Net Fixed Assets - Computer Har         Audited Actual         Au	Closing Net Fixed Assets		\$	1,935.89	\$	4,726.53	\$	14,535.11	\$	4,382,469.99	\$ 4	4,142,948.2
Net Fixed Assets - Computer Ha         Audited Actual	Average Net Fixed Assets	\$ 1,039.65	\$	2,007.59	\$	3,331.21	\$	9,630.82	\$	2,198,502.55	\$ 4	4,262,709.1
S         10,621,80         10,621,80         10,621,80         50,69,82,70         2           Clesing Capital Investment         10,621,80         \$10,61,80		2006		2007		2008		2009		2010		2011
Closing Capital Investment         \$ 10,621.80         \$ 10,621.80         \$ 10,621.80         \$ 69,882.70         \$ 202,993.55         \$ 20           Opening Accumulated Amortization         \$ - \$ 1,062.18         \$ 3,186.54         \$ 5,310.90         \$ 13,361.35         \$ 27,287.63         \$ 202,993.55         \$ 10,81.985         \$ 10,621.85         \$ 10,622.18         \$ 3,186.54         \$ 5,310.90         \$ 56,521.35         \$ 10,404.898         \$ 10,521.85         \$ 10,432.96         \$ 110,432.96         \$ 110,432.96         \$ 110,432.96         \$ 110,432.96         \$ 110,402.96         \$ 110,402.96         \$ 110,429.97         \$ 114,097.35         \$ 118,290.30         \$ 90,556,625.55         \$ 114,290.30         \$ 90,556,625.55         \$ 114,290.30         \$ 90,556,625.55         \$ 118,290.30         \$ 90,556,625.55         \$ 114,290.30         \$ 90	Net Fixed Assets - Computer Har	Audited Actual	Au	udited Actual	A	udited Actual	A	udited Actual		Actual	ſ	Forecasted
Science Capital Investment         \$ 10,621.80         \$ 10,641.85         \$ 10,641.85         \$ 10,641.85         \$ 10,641.85         \$ 10,641.85         \$ 10,641.85         \$ 10,641.85         \$ 10,641.85         \$ 10,641.85         \$ 10,64	Dpening Capital Investment	\$-	\$	10,621.80	\$	10,621.80	\$	10,621.80	\$	69,882.70	\$	202,993.5
S         1.062.18         S         3.186.54         S         5.310.90         S         1.3.361.35         S           Dening Accumulated Amortization         S         1.062.18         S         3.186.54         S         5.310.90         S         1.3.361.35         S         2.7287.63         S         2.7287.63         S         1.062.18         S         3.186.54         S         5.310.90         S         13.361.35         S         40.648.98         S         1.062.18         S         3.186.54         S         5.310.90         S         5.652.135         S         1.02.948.98         S         1.062.18         S         3.19.90         S         5.652.135         S         1.02.948.298         S         1.02.948.98         S         1.02.948.94         S         1.02.948.94         S         1.02.948.94         S         1.02.	Capital Investment (3. LDC Assumptions and Data)		\$	-	\$	-	_	59,260.90	\$		\$	-
Amortization (5 Years Straight Line)       \$ <ol> <li>1.062.18</li> <li>2.124.36</li> <li>2.124.36</li> <li>3.186.54</li> <li>5.310.90</li> <li>3.361.35</li> <li>4.064.88</li> <li>3.186.54</li> <li>5.310.90</li> <li>3.361.35</li> <li>4.064.88</li> <li>3.186.54</li> <li>5.310.90</li> <li>3.361.35</li> <li>4.064.88</li> <li>3.186.54</li> <li>5.310.90</li> <li>5.531.09</li> <li>5.56,521.35</li> <li>1.026.118</li> <li>3.186.56</li> <li>5.310.90</li> <li>5.56,521.35</li> <li>1.024.86</li> <li>1.052.08</li> <li>7.435.26</li> <li>5.310.90</li> <li>5.56,521.35</li> <li>1.09,432.96</li> <li>1.09,432.96</li> <li>1.09,432.96</li> <li>1.09,432.96</li> <li>1.09,432.96</li> <li>1.040ited Actual</li> <li>Audited Actual&lt;</li></ol>	Closing Capital Investment	\$ 10,621.80	\$	10,621.80	\$	10,621.80	\$	69,882.70	\$	202,993.55	\$	202,993.5
Closing Accumulated Amortization         \$ 1,062.18         \$ 3,186.54         \$ 5,310.90         \$ 13,361.35         \$ 40,648.98         \$ 40,943.96         \$ 102,344,68         \$ 102,344,68         \$ 102,344,68         \$ 102,344,68         \$ 102,344,68         \$ 102,344,68         \$ 109,432.96         \$ 100,432.96         \$ 100,432.96         \$ 10,9432.96         \$ 10,9432.96         \$ 10,9432.96         \$ 10,9432.96         \$ 10,9432.96         \$ 10,9432.96         \$ 10,9432.96         \$ 10,9432.96         \$ 10,9432.96         \$ 10,90,33         \$ 118,240.30         \$ 95,675,75         \$ 118,240,30         \$ 95,675,75         \$ 118,240,30 </td <td>Dpening Accumulated Amortization</td> <td></td> <td>\$</td> <td>1,062.18</td> <td>\$</td> <td>3,186.54</td> <td>\$</td> <td>5,310.90</td> <td>\$</td> <td>13,361.35</td> <td>\$</td> <td>40,648.9</td>	Dpening Accumulated Amortization		\$	1,062.18	\$	3,186.54	\$	5,310.90	\$	13,361.35	\$	40,648.9
Spening Net Fixed Assets         \$         9,559,62         \$         7,435,26         \$         5,310,90         \$         56,521,35         \$         102,000           Net Fixed Assets         \$         9,559,62         \$         7,435,26         \$         5,310,90         \$         56,521,35         \$         102,344,58         \$         112,344,58         \$ <td< td=""><td>Amortization (5 Years Straight Line)</td><td></td><td>\$</td><td>2,124.36</td><td>\$</td><td>2,124.36</td><td>\$</td><td>8,050.45</td><td>\$</td><td>27,287.63</td><td>\$</td><td>40,598.</td></td<>	Amortization (5 Years Straight Line)		\$	2,124.36	\$	2,124.36	\$	8,050.45	\$	27,287.63	\$	40,598.
Sioning Net Fixed Assets         \$ 9,559.62         \$ 7,435.26         \$ 5,310.90         \$ 56,521.35         \$ 162,344.58         \$ 11           Verage Net Fixed Assets         \$ 4,779.81         \$ 8,497.44         \$ 6,373.08         \$ 30,916.13         \$ 109,432.96         \$ 1           Verage Net Fixed Assets         Computer Sof         Audited Actual         Actual         For           Solarig Capital Investment         (3. LDC Assumptions and Data)         \$ 6,692.46         \$ 12,809.27         \$ 14,097.35         \$ 118,290.30         \$ 99.741.45         \$ 837.385.29         \$ 4           Opening Accumulated Amortization         \$ 6,692.46         \$ 12,809.27         \$ 14,097.35         \$ 118,248.85         \$ 1.3           Opening Accumulated Amortization         \$ 669.25         \$ 2,619.42         \$ 5,310.08         \$ 18,548.85         \$ 12,3945.44         \$ 3	Closing Accumulated Amortization	\$ 1,062.18	\$	3,186.54	\$	5,310.90	\$	13,361.35	\$	40,648.98	\$	81,247.0
warage Net Fixed Assets         \$ 4,779.81         \$ 8,497.44         \$ 6,373.08         \$ 30,916.13         \$ 109,432.96         \$ 1           Net Fixed Assets - Computer Sol         Audited Actual         S 6,692.46         \$ 12,809.27         \$ 14,097.35         \$ 118,290.30         \$ 955,675.59         \$ 1.3           Opening Accumulated Amortization         \$ - \$ 669.25         \$ 2,619.42         \$ 5,310.08         \$ 18,548.85         \$ 107,396.59         \$ 1.3           Opening Accumulated Amortization         \$ - \$ 6.023.21         \$ 10,189.85 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>\$</td><td></td><td>\$</td><td></td><td>\$</td><td>162,344.</td></t<>							\$		\$		\$	162,344.
2006         2007         2008         2009         2010         2009           Net Fixed Assets - Computer Sof         Audited Actual         Science         Sci	-								\$		\$	121,745.8
Set Fixed Assets - Computer Sof         Audited Actual	Average Net Fixed Assets	· · · ·	φ	· · · · · ·	φ		φ	· · · · · · · · · · · · · · · · · · ·	φ		φ	142,045.2 2011
Capital Investment (3. LDC Assumptions and Data)       \$ 6,692.46 \$ 6,116.81 \$ 1,288.08 \$ 104,192.95 \$ 837,385.29 \$ 4         Closing Capital Investment       \$ 6,692.46 \$ 12,809.27 \$ 14,097.35 \$ 118,290.30 \$ 955,675.59 \$ 1,3         Opening Accumulated Amortization       \$ - \$ 669.25 \$ 2,619.42 \$ 5,310.08 \$ 18,548.85 \$ 11         Amortization Year 1 (5 Years Straight Line)       \$ 669.25 \$ 1,950.17 \$ 2,690.66 \$ 13,238.77 \$ 107,396.59 \$ 22         Closing Accumulated Amortization       \$ 6,023.21 \$ 10,189.85 \$ 8,787.27 \$ 99,741.45 \$ 8         Opening Net Fixed Assets       \$ 6,023.21 \$ 10,189.85 \$ 8,787.27 \$ 99,741.45 \$ 829,730.16 \$ 1,0         Closing Net Fixed Assets       \$ 6,023.21 \$ 10,189.85 \$ 8,787.27 \$ 99,741.45 \$ 829,730.16 \$ 1,0         Average Net Fixed Assets       \$ 6,023.21 \$ 10,189.85 \$ 8,787.27 \$ 99,741.45 \$ 829,730.16 \$ 1,0         S 3,011.61 \$ 8,106.53 \$ 9,488.56 \$ 54,264.36 \$ 464,735.81 \$ 9         2006       2007       2008       2009       2010         S - \$ - \$ - \$ - \$ - \$ - \$       \$ - \$ - \$ - \$ - \$       \$ - \$ - \$ - \$ - \$       \$ - \$ - \$ - \$ - \$         Opening Capital Investment       S - \$ - \$ - \$ - \$ - \$ - \$ - \$       \$ - \$ - \$ - \$ - \$       \$ - \$ - \$ - \$ - \$       \$ - \$ - \$ - \$ - \$ - \$ - \$         Opening Capital Investment       S - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Net Fixed Assets - Computer Sof		Au		A		A				I	Forecasted
Capital Investment (3. LDC Assumptions and Data)       \$ 6,692.46 \$ 6,116.81 \$ 1,288.08 \$ 104,192.95 \$ 837,385.29 \$ 4         Closing Capital Investment       \$ 6,692.46 \$ 12,809.27 \$ 14,097.35 \$ 118,290.30 \$ 955,675.59 \$ 1,3         Opening Accumulated Amortization       \$ - \$ 669.25 \$ 2,619.42 \$ 5,310.08 \$ 18,548.85 \$ 11         Amortization Year 1 (5 Years Straight Line)       \$ 669.25 \$ 1,950.17 \$ 2,690.66 \$ 13,238.77 \$ 107,396.59 \$ 22         Closing Accumulated Amortization       \$ 6,023.21 \$ 10,189.85 \$ 8,787.27 \$ 99,741.45 \$ 8         Opening Net Fixed Assets       \$ 6,023.21 \$ 10,189.85 \$ 8,787.27 \$ 99,741.45 \$ 829,730.16 \$ 1,0         Closing Net Fixed Assets       \$ 6,023.21 \$ 10,189.85 \$ 8,787.27 \$ 99,741.45 \$ 829,730.16 \$ 1,0         Average Net Fixed Assets       \$ 6,023.21 \$ 10,189.85 \$ 8,787.27 \$ 99,741.45 \$ 829,730.16 \$ 1,0         S 3,011.61 \$ 8,106.53 \$ 9,488.56 \$ 54,264.36 \$ 464,735.81 \$ 9         2006       2007       2008       2009       2010         S - \$ - \$ - \$ - \$ - \$ - \$       \$ - \$ - \$ - \$ - \$       \$ - \$ - \$ - \$ - \$       \$ - \$ - \$ - \$ - \$         Opening Capital Investment       S - \$ - \$ - \$ - \$ - \$ - \$ - \$       \$ - \$ - \$ - \$ - \$       \$ - \$ - \$ - \$ - \$       \$ - \$ - \$ - \$ - \$ - \$ - \$         Opening Capital Investment       S - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Dening Capital Investment	\$	\$	6 692 46	\$	12 809 27	\$	14 097 35	\$	118 290 30	\$	955,675.5
Closing Capital Investment       \$ 6,692.46 \$ 12,809.27 \$ 14,097.35 \$ 118,290.30 \$ 955,675.59 \$ 1,3         Depening Accumulated Amortization       \$ - \$ 669.25 \$ 2,619.42 \$ 5,310.08 \$ 18,548.85 \$ 12         Amortization Year 1 (5 Years Straight Line)       \$ 669.25 \$ 1,950.17 \$ 2,600.66 \$ 13,238.77 \$ 107,396.59 \$ 2         Closing Accumulated Amortization       \$ 669.25 \$ 2,619.42 \$ 5,310.08 \$ 18,548.85 \$ 125,945.44 \$ 33         Depening Net Fixed Assets       \$ - \$ 6,023.21 \$ 10,189.85 \$ 8,787.27 \$ 99,741.45 \$ 829,730.16 \$ 1,0         Closing Net Fixed Assets       \$ - \$ 6,023.21 \$ 10,189.85 \$ 8,787.27 \$ 99,741.45 \$ 829,730.16 \$ 1,0         Average Net Fixed Assets       \$ - \$ 6,023.21 \$ 10,189.85 \$ 8,787.27 \$ 99,741.45 \$ 829,730.16 \$ 1,0         Average Net Fixed Assets       \$ 0,011.61 \$ 8,106.53 \$ 9,488.56 \$ 54,264.36 \$ 464,735.81 \$ 9         Average Net Fixed Assets       \$ 0,016.53 \$ 9,488.56 \$ 54,264.36 \$ 464,735.81 \$ 9         Average Net Fixed Assets       \$ 0,016.53 \$ 9,488.56 \$ 54,264.36 \$ 464,735.81 \$ 9         Average Net Fixed Assets       \$ 0,016.53 \$ 9,488.56 \$ 54,264.36 \$ 464,735.81 \$ 9         Depening Capital Investment       \$ 0,016.53 \$ 0,018.5 \$ 0,018.5 \$ 0,010 \$ 0,000 \$		\$ 6 692 46				,						422,450.0
Amortization Year 1 (5 Years Straight Line)       \$ 669.25 \$ 1,950.17 \$ 2,690.66 \$ 13,238.77 \$ 107,396.59 \$ 22         Closing Accumulated Amortization       \$ 669.25 \$ 2,619.42 \$ 5,310.08 \$ 18,548.85 \$ 125,945.44 \$ 33         Opening Net Fixed Assets       \$ 6,023.21 \$ 10,189.85 \$ 8,787.27 \$ 99,741.45 \$ 82         Closing Net Fixed Assets       \$ 6,023.21 \$ 10,189.85 \$ 8,787.27 \$ 99,741.45 \$ 829,730.16 \$ 1,0         Average Net Fixed Assets       \$ 6,023.21 \$ 10,189.85 \$ 8,787.27 \$ 99,741.45 \$ 829,730.16 \$ 1,0         S 3,011.61 \$ 8,106.53 \$ 9,488.56 \$ 54,264.36 \$ 464,735.81 \$ 9         2006 2007       2008 2009 2010         2006 2007       2008 2009 2010         2006 2007       2008 2009 2010         2006 2007       2008 2009 2010         2006 2007       2008 2009 2010         2006 2007       2008 2009 2010         2006 2007       2008 2009 2010         2006 2007       2008 2009 2010         2006 2007       2008 2009 2010         2007 2008 2009       2010         2008 2009 2010       2000         2009 2010       2000         2006 2007       2008 2009         2007 2008 2009       2010         2008 2009 2010       2000         2009 2010       2000         2009 2010       2000         2006 2007	•	\$ 6,692.46		,		,	_		_		<b>•</b>	1,378,125.
Amortization Year 1 (5 Years Straight Line)       \$ 669.25 \$ 1,950.17 \$ 2,690.66 \$ 13,238.77 \$ 107,396.59 \$ 22         Closing Accumulated Amortization       \$ 669.25 \$ 2,619.42 \$ 5,310.08 \$ 18,548.85 \$ 125,945.44 \$ 33         Oppening Net Fixed Assets       \$ 6,023.21 \$ 10,189.85 \$ 8,787.27 \$ 99,741.45 \$ 82         Closing Net Fixed Assets       \$ 6,023.21 \$ 10,189.85 \$ 8,787.27 \$ 99,741.45 \$ 829,730.16 \$ 1,0         Net Fixed Assets       \$ 6,023.21 \$ 10,189.85 \$ 8,787.27 \$ 99,741.45 \$ 829,730.16 \$ 1,0         \$ 3,011.61 \$ 8,106.53 \$ 9,488.56 \$ 54,264.36 \$ 464,735.81 \$ 9         2006 2007       2008 2009 2010         2006 2007       2008 2009 2010         2006 2007       2008 2009 2010         2006 2007       2008 2009 2010         2006 2007       2008 2009 2010         2006 2007       2008 2009 2010         2006 2007       2008 2009 2010         2006 2007       2008 2009 2010         2006 2007       2008 2009 2010         2007 2008 2009       2010         2008 2009 2010       2000         2009 2010       2000         2009 2010       2000         2009 2010       2000         2009 2010       2000         2009 2010       2000         2009 2010       2000         2009 2010       2000	Opening Accumulated Amortization	\$ -	\$	669.25	\$	2.619.42	\$	5.310.08	\$	18.548.85	\$	125,945.4
Opening Net Fixed Assets         \$         -         \$         6,023.21         \$         10,189.85         \$         8,787.27         \$         99,741.45         \$         8           Storing Net Fixed Assets         \$         6,023.21         \$         10,189.85         \$         8,787.27         \$         99,741.45         \$         829,730.16         \$         1,0           Werage Net Fixed Assets         \$         3,011.61         \$         8,106.53         \$         94,88.56         \$         54,264.36         \$         464,735.81         \$         99           Net Fixed Assets         Tools & Equip         Audited Actual         Actual         For           Opening Capital Investment         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$ <td></td> <td>\$ 669.25</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$</td> <td>233,380.</td>		\$ 669.25									\$	233,380.
Sciosing Net Fixed Assets       \$ 6,023.21 \$ 10,189.85 \$ 8,787.27 \$ 99,741.45 \$ 829,730.16 \$ 1,0         Sciosing Net Fixed Assets       \$ 3,011.61 \$ 8,106.53 \$ 9,488.56 \$ 54,264.36 \$ 464,735.81 \$ 92         Net Fixed Assets - Tools & Equip       Audited Actual       Actual       For         Opening Capital Investment       \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	· · · · · · · · · · · · · · · · · · ·	\$ 669.25									\$	359,325.
Closing Net Fixed Assets       \$ 6,023.21 \$ 10,189.85 \$ 8,787.27 \$ 99,741.45 \$ 829,730.16 \$ 1,0         Average Net Fixed Assets       \$ 3,011.61 \$ 8,106.53 \$ 9,488.56 \$ 54,264.36 \$ 464,735.81 \$ 93         Average Net Fixed Assets       \$ 006 2007 2008 2009 2010 \$ 2000 \$ 2010 \$ 2006         Net Fixed Assets - Tools & Equip       Audited Actual Audited Ac	Opening Net Fixed Assets	\$-	\$	6,023.21	\$	10,189.85	\$	8,787.27	\$	99,741.45	\$	829,730.
Average Net Fixed Assets\$ 3,011.61\$ 8,106.53\$ 9,488.56\$ 54,264.36\$ 464,735.81\$ 93Net Fixed Assets - Tools & EquipAudited ActualAudited ActualAudited ActualAudited ActualAudited ActualAudited ActualAudited ActualAudited ActualAudited ActualActualForOpening Capital Investment Capital Investment Closing Capital Investment\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$- \$ - \$ - \$ - \$- \$ - \$Opening Accumulated Amortization Amortization Year 1 (10 Years Straight Line) Closing Accumulated Amortization\$ - \$ - \$ - \$ - \$ - \$ - \$- \$ - \$Series Accumulated Amortization Series Accumulated Amortization\$ - \$ - \$ - \$ - \$ - \$ - \$- \$ - \$Series Accumulated Amortization Series Accumulated Amortization\$ - \$ - \$ - \$ - \$ - \$ - \$- \$ - \$ - \$ - \$ - \$Series Accumulated Amortization\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Closing Net Fixed Assets	\$ 6,023.21	\$	10,189.85	\$	8,787.27	\$	99,741.45	\$	829,730.16	\$	1,018,800.
Net Fixed Assets - Tools & EquipAudited ActualAudited ActualAudited ActualAudited ActualAudited ActualAudited ActualAudited ActualActualForOpening Capital Investment Capital Investment Closing Capital Investment\$-\$-\$-\$-\$\$-\$\$-\$ </td <td>verage Net Fixed Assets</td> <td>\$ 3,011.61</td> <td>\$</td> <td>8,106.53</td> <td>\$</td> <td>9,488.56</td> <td>\$</td> <td>54,264.36</td> <td>\$</td> <td>464,735.81</td> <td>\$</td> <td>924,265.</td>	verage Net Fixed Assets	\$ 3,011.61	\$	8,106.53	\$	9,488.56	\$	54,264.36	\$	464,735.81	\$	924,265.
Opening Capital Investment Capital Investment (3. LDC Assumptions and Data)\$-\$-\$-\$-\$S-S-S-S-\$-\$-\$Closing Capital Investment-S-S-S-\$-\$Opening Accumulated Amortization Amortization Year 1 (10 Years Straight Line)-\$-\$-\$-\$-\$Closing Accumulated Amortization S\$-\$-\$-\$\$-\$Closing Accumulated Amortization S\$-\$-\$-\$\$-\$\$\$\$Closing Accumulated Amortization\$-\$-\$-\$\$-\$ <t< td=""><td></td><td>2006</td><td></td><td>2007</td><td></td><td>2008</td><td></td><td>2009</td><td></td><td>2010</td><td></td><td>2011</td></t<>		2006		2007		2008		2009		2010		2011
Capital Investment (3. LDC Assumptions and Data)\$-\$-\$-\$-\$-\$-\$-\$-\$-\$-\$\$-\$1\$-\$-\$-\$1\$-\$1\$-\$1\$-\$1\$121\$121\$121111111111111111111 </td <td>Net Fixed Assets - Tools &amp; Equip</td> <td>Audited Actual</td> <td>Au</td> <td>dited Actual</td> <td>A</td> <td>udited Actual</td> <td>A</td> <td>udited Actual</td> <td></td> <td>Actual</td> <td>ľ</td> <td>Forecasted</td>	Net Fixed Assets - Tools & Equip	Audited Actual	Au	dited Actual	A	udited Actual	A	udited Actual		Actual	ľ	Forecasted
Closing Capital Investment\$-\$-\$-\$-\$Opening Accumulated Amortization\$-\$-\$-\$-\$Amortization Year 1 (10 Years Straight Line)\$-\$-\$-\$-\$Closing Accumulated Amortization\$-\$-\$-\$-\$Closing Accumulated Amortization\$-\$-\$-\$-\$		\$ -		-		-		-		-		-
Opening Accumulated Amortization\$-\$-\$-\$-\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$\$>\$\$>\$ <th< td=""><td>•</td><td><mark>\$ -</mark> \$ -</td><td></td><td>-</td><td></td><td>-</td><td></td><td>-</td><td></td><td>-</td><td></td><td>-</td></th<>	•	<mark>\$ -</mark> \$ -		-		-		-		-		-
Amortization Year 1 (10 Years Straight Line)\$-\$-\$-\$-\$-\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$\$-\$-\$\$-\$<												
		<del>5</del> -										-
	· · · · · · · · · · · · · · · · · · ·	<del>ъ</del> -						-				-
Opening Net Fixed Assets \$ - \$ - \$ - \$ - \$	Josing Accumulated Amortization	<b>ф -</b>	\$	-	\$	-	\$	-	\$	-	\$	-
	Opening Net Fixed Assets	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-

This model is the sole and direct responsibility of the user. The user is free to change the model in any way to suit individual needs. There is no guarantee that utilization of this model or its inherent calculations will be accepted by the OEB.

## Sheet 6. Avg Net Fixed Assets & UCC

Closing Net Fixed Assets	\$-	\$-	\$-	\$-	\$-	\$-
Average Net Fixed Assets	\$-	\$-	\$-	\$-	\$-	\$-
	2006	2007	2008	2009	2010	2011
Not Fixed Access Other Fruinn						
Net Fixed Assets - Other Equipn	<b>1</b> Audited Actual	Audited Actual	Audited Actual	Audited Actual	Actual	Forecasted
Opening Capital Investment	\$	¢ _	¢ _	¢ _	\$	\$ 44,800.00
Capital Investment (3. LDC Assumptions and Data)	<del>\$</del> -	φ <u>-</u> \$ -	φ	γ - S -	\$ 44,800.0	. ,
Closing Capital Investment	\$ -	\$-	\$ -	\$-	\$ 44,800.0	
Opening Accumulated Amortization	\$-	\$-	\$-	\$-	\$-	\$ 2,240.00
Amortization Year 1 (10 Years Straight Line)	\$-	\$-	\$-	\$-	\$ 2,240.0	0 \$ 4,480.00
Closing Accumulated Amortization	\$ -	\$-	\$-	\$-	\$ 2,240.0	00 \$ 6,720.00
Opening Net Fixed Assets	\$-	\$-	\$-	\$-	\$-	\$ 42,560.00
Closing Net Fixed Assets	\$-	\$-	\$ -	\$	\$ 42,560.0	00 \$ 38,080.00
Average Net Fixed Assets	\$ -	\$-	\$ -	\$ -	\$ 21,280.0	00 \$ 40,320.00

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# **For PILs Calculation**

Reduced UCC

CCA Rate

Closing UCC

CCA

CCA Rate Class

UCC - Smart Meters	Au	2006 dited Actual	Au	2007 Idited Actual	A	2008 udited Actual	A	2009 udited Actual	2010 Actual	2011 Forecasted
Opening UCC	\$	-	\$	2,064.95	\$	1,899.75	\$	4,661.58	\$ 14,372.95	\$ 4,352,073.14
Capital Additions	\$	2,150.99	\$	-	\$	3,035.21	\$	10,504.48	\$ 4,519,635.44	\$ 65,000.00
UCC Before Half Year Rule	\$	2,150.99	\$	2,064.95	\$	4,934.96	\$	15,166.06	\$ 4,534,008.39	4,417,073.14
Half Year Rule (1/2 Additions - Disposals)	\$	1,075.50	\$	-	\$	1,517.61	\$	5,252.24	\$ 2,259,817.72	\$ 32,500.00
Reduced UCC	\$ \$	1,075.50	\$	2,064.95	\$	3,417.36	\$	9,913.82	\$ 	\$ 4,384,573.14
CCA Rate Class		47		47	•	47	•	47	47	47
CCA Rate		8%		8%		8%		8%	8%	8%
CCA	\$	86.04	\$	165.20	\$		\$	793.11	\$ 181,935.25	\$ 350,765.85
Closing UCC	\$	2,064.95	\$	1,899.75	\$	4,661.58	\$	14,372.95	\$ 4,352,073.14	\$ 4,066,307.29
UCC - Computer Equipment	Au	2006 dited Actual	Au	2007 dited Actual	A	2008 udited Actual	A	2009 udited Actual	2010 Actual	2011 Forecasted
Opening UCC	\$	-	\$	13,418.55	\$	10,473.04	\$	5,646.72	\$ 121,045.07	\$ 758,079.98
Capital Additions Computer Hardware	\$	10,621.80	\$	-	\$	-	\$	59,260.90	\$ 133,110.85	\$ -
Capital Additions Computer Software	\$	6,692.46	\$	6,116.81	\$	1,288.08	\$	104,192.95	\$ 837,385.29	\$ 422,450.00
UCC Before Half Year Rule	\$	17,314.26	\$	19,535.36	\$		\$	169,100.57	\$ 1,091,541.21	\$ 1,180,529.98
Half Year Rule (1/2 Additions - Disposals)	\$ \$	8,657.13	\$	3,058.41	\$	644.04	\$	81,726.93	\$ 485,248.07	\$ 211,225.00
Reduced UCC	\$	8,657.13	\$	16,476.96	\$	11,117.08	\$	87,373.65	\$ 606,293.14	\$ 969,304.98
CCA Rate Class		45		50		50		50	50	50
CCA Rate		45%		55%		55%		55%	55%	55%
CCA	\$	3,895.71	\$	9,062.33	\$	6,114.39	\$	48,055.51	\$ 333,461.23	\$ 533,117.74
Closing UCC	\$	13,418.55	\$	10,473.04	\$	5,646.72	\$	121,045.07	\$ 758,079.98	\$ 647,412.24
UCC - General Equipment	Au	2006 dited Actual	Au	2007 Idited Actual	A	2008 udited Actual	Aı	2009 udited Actual	2010 Actual	2011 Forecasted
Opening UCC	\$	-	\$	-	\$	-	\$	-	\$ -	\$ 40,320.00
Capital Additions Tools & Equipment	\$	-	\$	-	\$	-	\$	-	\$ -	\$ -
Capital Additions Other Equipment	\$	-	\$	-	\$	-	\$	-	\$ 44,800.00	\$ -
UCC Before Half Year Rule	\$ \$	-	\$	-	\$	-	\$	-	\$ 44,800.00	\$ 40,320.00
Half Year Rule (1/2 Additions - Disposals)	\$	-	\$	-	\$	-	\$	-	\$ 22,400.00	\$ -
			•							

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22,400.00 \$

4,480.00 \$

40,320.00 \$

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20%

40,320.00

8,064.00

32,256.00

8

20%

Date		pening		nd Adder	Int. Rate		nterest		Closing
Jan-06 Feb-06	\$ \$	-	\$ \$	-	7.25% 7.25%	\$ \$	-	\$ \$	-
Mar-06	\$	-	\$	-	7.25%	\$	-	\$	-
Apr-06	\$	-	\$	-	4.14%	\$	-	\$	-
May-06	\$	-	\$	-	4.14%	\$	-	\$	-
Jun-06	\$	-	\$	-	4.14%	\$	-	\$	-
Jul-06	\$	-	\$	-	4.59%	\$	-	\$	-
Aug-06	\$ \$	-	\$	-	4.59%	\$	-	\$	-
Sep-06	\$ ¢	-	\$ \$	-	4.59%	\$ ¢	-	\$ \$	-
Oct-06 Nov-06	\$ \$	- 51,595	ъ \$	51,595 8,682	4.59% 4.59%	\$ \$	- 197	ъ \$	51,595 60,474
Dec-06	\$	60,474	Ψ \$	8,318	4.59%	Ψ \$	231	Ψ \$	69,023
Jan-07	\$	69,023	\$	12,914	4.59%	\$	264	\$	82,202
Feb-07	\$	82,202	\$	6,944	4.59%	\$	314	\$	89,460
Mar-07	\$	89,460	\$	12,169	4.59%	\$	342	\$	101,971
Apr-07	\$	101,971	\$	7,243	4.59%	\$	390	\$	109,604
May-07	\$	109,604	\$	7,243	4.59%	\$	419	\$	117,265
Jun-07	\$	117,265	\$ ¢	11,934	4.59%	\$	449	\$	129,648
Jul-07 Aug-07	\$ \$	129,648 141,575	\$ \$	11,431 9,261	4.59% 4.59%	\$ \$	496 542	\$ \$	141,575 151,378
Sep-07	\$ \$	151,378	ֆ \$	9,201 9,257	4.59%	ֆ \$	579	э \$	161,214
Oct-07	\$	161,214	\$	10,174	5.14%	\$	691	\$	172,079
Nov-07	\$ \$	172,079	\$	10,117	5.14%	\$	737	\$	182,933
Dec-07	\$	182,933	\$ ¢	7,991	5.14%	\$	784	\$	191,707
Jan-08 Feb-08	\$ \$	191,707	\$ \$	12,540 7,152	5.14% 5.14%	\$ \$	821 878	\$ \$	205,068
Mar-08	φ \$	205,068 213,098	ֆ \$	10,316	5.14%	ֆ \$	913	э \$	213,098 224,327
Apr-08	\$	224,327	\$	10,092	4.08%	\$	763	\$	235,182
May-08	\$	235,182	\$	10,260	4.08%	\$	800	\$	246,241
Jun-08	\$	246,241	\$	8,380	4.08%	\$	837	\$	255,458
Jul-08	\$	255,458	\$	12,026	3.35%	\$	713	\$	268,198
Aug-08 Sep-08	\$ \$	268,198	\$ \$	7,346 7,862	3.35% 3.35%	\$ \$	749 771	\$ \$	276,292 284,926
Oct-08	φ \$	276,292 284,926	ֆ \$	10,002	3.35%	φ \$	795	φ \$	204,920
Nov-08	\$	295,723	\$	9,384	3.35%	\$	826	\$	305,932
Dec-08	\$	305,932	\$	11,312	3.35%	\$	854	\$	318,098
Jan-09	\$	318,098	\$	13,110	2.45%	\$	649	\$	331,857
Feb-09	\$	331,857	\$	6,989	2.45%	\$	678	\$	339,523
Mar-09 Apr-09	\$ \$	339,523 351,772	\$ \$	11,555 9,229	2.45% 1.00%	\$ \$	693 293	\$ \$	351,772 361,294
May-09	\$	361,294	Ψ \$	10,431	1.00%	Ψ \$	301	Ψ \$	372,026
Jun-09	\$	372,026	\$	8,395	1.00%	\$	310	\$	380,731
Jul-09	\$	380,731	\$	12,394	0.55%	\$	175	\$	393,300
Aug-09	\$	393,300	\$	6,911	0.55%	\$	180	\$	400,391
Sep-09	\$ ¢	400,391	\$ ¢	10,621	0.55%	\$ ¢	184	\$ ¢	411,196
Oct-09 Nov-09	\$ \$	411,196 419,163	\$ \$	7,779 9,982	0.55% 0.55%	\$ \$	188 192	\$ \$	419,163 429,337
Dec-09	\$	429,337	\$	7,982	0.55%	\$	192	\$	437,516
Jan-10	\$	437,516	\$	11,061	0.55%	\$	201	\$	448,778
Feb-10	\$	448,778	\$	7,140	0.55%	\$	206	\$	456,124
Mar-10	\$	456,124	\$	12,232	0.55%	\$	209	\$	468,564
Apr-10 May-10	\$ ¢	468,564	\$ ¢	6,670	0.55%	\$ ¢	215 218	\$ ¢	475,449
May-10 Jun-10	\$ \$	475,449 487,126	\$ \$	11,459 18,076	0.55% 0.55%	\$ \$	218 223	\$ \$	487,126 505,425
Jul-10	\$	505,425	\$	25,999	0.89%	\$	375	\$	531,799
Aug-10	\$	531,799	\$	35,322	0.89%	\$	394	\$	567,516
Sep-10	\$	567,516	\$	35,322	0.89%	\$	421	\$	603,259
Oct-10	\$ ¢	603,259	\$ ¢	35,322	0.89%	\$ ¢	447	\$ ¢	639,028 674 824
Nov-10 Dec-10	\$ \$	639,028 674,824	\$ \$	35,322 35,322	0.89% 0.89%	\$ \$	474 500	\$ \$	674,824 710,647
Jan-11	φ \$	710,647	Ψ \$	35,322	0.89%	Ψ \$	500 527	φ \$	746,496
Feb-11	\$	746,496	\$	35,322	0.89%	\$	554	\$	782,371
Mar-11	\$	782,371	\$	35,322	0.89%	\$	580	\$	818,274
Apr-11	\$	818,274	\$	35,322	0.89%	\$	607	\$	854,202
May-11	\$	854,202			0.89%	\$	634	\$	854,836
Jun-11	\$ ¢	854,836 855 470			0.89%	\$ ¢	634 634	\$ ¢	855,470 856 104
Jul-11 Aug-11	\$ \$	855,470 856,104			0.89% 0.89%	\$ \$	634 635	\$ \$	856,104 856,739
Sep-11	φ \$	856,739			0.89%	φ \$	635	φ \$	857,375
Oct-11	\$	857,375			0.89%	\$	636	\$	858,011
Nov-11	\$	858,011			0.89%	\$	636	\$	858,647
Dec-11	\$	858,647			0.89%	\$	637	\$	859,284
Jan-12 Fob 12	\$ ¢	859,284			0.89%	\$ ¢	637	\$ ¢	859,921
Feb-12 Mar-12	\$ \$	859,921 860,559			0.89% 0.89%	\$ \$	638 638	\$ \$	860,559 861,197
Apr-12	φ \$	861,197			0.89%	Ψ \$	639	Ψ \$	861,836
May-12	\$	861,836			0.89%	\$	639	\$	862,475
			\$	827,856		\$	34,619		

Sheet 7. Smart Meter Funding Adder Collected

	Approved Deferral and Variance Accounts	CWIP Account
	Prescribed Interest Rate (per the Bankers'	
	Acceptances-3 months	•
	Plus 0.25 Spread)	Bond Index Yield 2)
Q2 2006	4.14	4.68
Q3 2006	4.59	5.05
Q4 2006	4.59	4.72
Q1 2007	4.59	4.72
Q2 2007	4.59	4.72
Q3 2007	4.59	5.18
Q4 2007	5.14	5.18
Q1 2008	5.14	5.18
Q2 2008	4.08	5.18
Q3 2008	3.35	5.43
Q4 2008	3.35	5.43
Q1 2009	2.45	6.61
Q2 2009	1.00	6.61
Q3 2009	0.55	5.67
Q4 2009	0.55	4.66
Q1 2010	0.55	4.34
Q2 2010	0.55	4.34
Q3 2010	0.89	4.66

This model is the sole and direct responsibility of the user. The user is free to change the model in any way to suit individual needs. There is no guarantee that utilization of this model or its inherent calculations will be accepted by the OEB.

## **Sheet 8 Applied for Smart Meter Rate Adder**

Description	Amo	unt
Revenue Requirement - 2006	\$	6,410.24
Revenue Requirement - 2007	\$	24,705.09
Revenue Requirement - 2008	\$	27,545.62
Revenue Requirement - 2009	\$	35,221.52
Revenue Requirement - 2010	\$	701,001.57
Revenue Requirement - 2011	\$	1,308,008.67
Total Revenue Requirement	\$	2,102,892.71
Smart Meter Rate Adder Collected	-\$	827,856.45
Carrying Cost / Interest	-\$	34,618.64
Proposed Smart Meter Recovery	\$	1,240,417.62
2011 Expected Metered Customers		35000
Proposed Smart Meter Rate Adder	\$	2.95

# Tab 7 Lost Revenue Adjustment Mechanism



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## **Bluewater Power Distribution Corporation**

## **LRAM Support**

October 13, 2010

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

## **Table of Contents**

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	Required	
3.	About LRAM	3
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#### Attachments

Attachment A - CDM Load Impacts by Class and Program Attachment B - Foregone Revenue by Class and Program Attachment C - LRAM Summary Attachment D - LRAM Input Assumptions

#### **1. Introduction**

Bluewater Power Distribution Corporation (Bluewater Power) initiated 13 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, Bluewater Power had completed the CDM programs in the residential, commercial/industrial and infrastructure segments from its Third Tranche funding of \$657,093. This commitment to CDM has returned energy savings of 240,876 kWh and reduced peak demand by more than 52 kW (as reported by Bluewater Power in their 2008 CDM Annual Report).

With success in its CDM activities, Bluewater Power 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).

LRAM calculations are made from the energy savings data from the "2006-8 Final+2009 Preliminary.OPA CDM Results.Bluewater Power Distribution Corporation.xls" document provided to the utility from the OPA, and applied to the affected rate class. Results from OPA CDM programs represent the potential for lost revenue to the LDC, and will be included in calculations under LRAM.

The application for LRAM compensation is part of Bluewater Power's 2011 IRM filing and is based on its 2006 to 2009 inclusive OPA CDM results. Bluewater Power has previously recovered LRAM amounts for Third Tranche Programs. Additionally, Bluewater has recovered LRAM amounts for the 2006 Every Kilowatt Counts, 2006 Great Refrigerator Round Up, and 2006 Summer Savings OPA Programs.

#### 2. Required

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

- 1. Prepare and finalize LRAM calculations and assumptions consistent with CDM Guidelines and suitable for inclusion in Bluewater Power's 2011 IRM/rates application, with supporting details.
- 2. Produce a report, recommendations, and supporting Attachments related to LRAM 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

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). OPA sponsored program kW/kWhs savings were deemed eligible for consideration of the LRAM claim.

#### 4. Methodology

To optimize the calculation of LRAM amounts, BECGI:

- 1. Reviewed existing LRAM CDM Guidelines and precedents set through LDC submissions to the OEB, to identify the most prudent course for Bluewater Power's LRAM 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 Bluewater Power's CDM program results, 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 Bluewater Power, including OPA program results reports, and supplemental information relevant to LRAM calculations.
- 4. Prepared report and recommendations related to LRAM calculations consistent with OEB CDM Guidelines which are in the accompanying documentation.

#### 5. Results

A review of LDC CDM programs with Bluewater Power verified that documentation exists to support participation levels associated with the LRAM for OPA Programs.

The OPA has validated the results allocated to Bluewater Power 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 11, 2010.

The accompanying table below sets out the calculated amounts for LRAM for Bluewater Power's 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 \$
OPA Programs	
RESIDENTIAL	\$216,708.05
GENERAL SERVICE <50KW	\$24,441.08
	\$241,149.13

#### 6. 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 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 Bluewater Power's rate cases in prior years. All results are net of free ridership.

OPA sponsored programs represent lost revenue through their successful implementation and are included in LRAM calculations.

The sum of all program LRAM calculations is \$241,149.13

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.

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

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

#### 8. Recommendations

BECGI recommends the following:

- 1. LRAM amounts arising from CDM programs in each rate class be allocated to that class for recovery.
- 2. 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.

#### ATTACHMENT A

CDM Load Impacts by Class and Program

		NE	ET	GRC	DSS	NE	Т	GRC	)SS	NE	Т	GRO	SS	NE	Т	GRO	DSS	NE	Т	GRO	OSS
Class	Year	<u>20</u>	<u>06</u>	200	<u>06</u>	200	<u>)7</u>	200	<u>)7</u>	<u>200</u>	<u>)8</u>	200	<u>8</u>	200	<u>)9</u>	<u>20</u>	<u>09</u>	Total kWh	Total kW	Total kWh	Total kW
Program	Implemented	<u>kWh</u>	kW	<u>kWh</u>	kW	<u>kWh</u>	kW	<u>kWh</u>	<u>kW</u>	<u>kWh</u>	kW	<u>kWh</u>	kW	<u>kWh</u>	kW	<u>kWh</u>	kW				
OPA Programs																					
A Copy of the Program Measures by Year, Unit kWh Savin	gs, Useful life, # of Units o	an be found on "	OPA MEASURE	S" Tab																	
Residential																					
Secondary Fridge Retirement Pilot	2006	36,288	8.23	40,320	9.14	36,288	8.23	40,320	9.14	36,288	8.23	40,320	9.14	36,288	8.23	40,320	9.14	145,153	32.90	161,282	27.42
Cool & Hot Savings Rebate	2006-2007	89,581	83.02	113,483	100.95	230,226	176.86	389,723	297.93	230,226	176.86	389,723	297.93	230,226	176.86	389,723	297.93	780,258	613.60	1,282,651	893.79
Cool Savings Rebate Program	2008 - 2009	0	0.00	0	0.00	0	0.00	0	0.00	150,418	95.28	261,852	165.43	386,577	248.61	668,361	430.72	536,995	343.89	930,212	596.14
Every Kilowatt Counts	2007-2009					3,167,495	60.06	3,732,870	77.73	3,157,184	57.00	3,714,123	72.16	3,157,184	57.00	3,714,123	72.16	9,481,864	174.05	11,161,115	222.05
Great Refrigerator Roundup	2007-2009					249,809	31.82	621,306	78.18	489,294	84.55	1,522,427	176.77	865,216	135.02	2,298,775	281.80	1,604,319	251.39	4,442,508	536.75
Aboriginal	2007					264,600	12.64	264,600	12.64	264,600	12.64	264,600	12.64	264,600	12.64	264,600	12.64	793,800	37.93	793,800	37.93
peaksaver®	2007, 2008					0	0.00	0	0.00	6,228	311.40	6,920	346.00	10,167	508.36	11,297	564.85	16,395	819.76	18,217	910.85
Summer Savings	2007					570	318.95	4,748	2657.93	96	95.12	800	792.66	36	45.80	303	381.65	702	459.87	5,851	3832.24
Social Housing – Pilot	2007					76,626	9.01	76,626	9.01	76,626	9.01	76,626	9.01	76,626	9.01	76,626	9.01	229,878	27.04	229,878	27.04
Summer Sweepstakes	2008								0.00	687,261				248,000				935,261	0.00	0	0.00
Every Kilowatt Counts Power Savings Event	2008-2009								0.00	763,559	41.64	1,893,745	99.73	964,493	56.39	2,196,083	128.17	1,728,051	98.03	4,089,828	227.90
General Service<50kW																					
OPA Conservation Programs																					
High Performance New Construction	2008-2009									2,913	3.45	4,162	4.93	92,740	42.85	132,486	61.22	95,653	46.30	136,648	66.15
Power Savings Blitz	2008-2009										0.00	0	0.00	1,413,667	191.53	1,520,072	205.94	1,413,667	191.53	1,520,072	205.94

#### ATTACHMENT B

Foregone Revenue by Class and Program

				2006				2007			2	008			2009					
Class Program	Year Implemented	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	Total Revenue		
OPA Programs						-														
Residential																				
Secondary Fridge Retirement Pilot	2006	36,288	kWh	0.0117	\$410.06	36,288	kWh	0.0117	\$424.57	36,288	kWh	0.0117	\$424.57	36,288	kWh	0.0188	\$596.34	\$1,855.54		
Cool & Hot Savings Rebate	2006-2007	89,581	kWh	0.0117	\$1,012.26	230,226	kWh	0.0117	\$2,693.64	230,226	kWh	0.0117	\$2,693.64	230,226	kWh	0.0188	\$3,783.38	\$10,182.92		
Cool Savings Rebate Program	2008-2009	0	kWh	0.0117	\$0.00	0	kWh	0.0117	\$0.00	150,418	kWh	0.0117	\$1,759.89	386,577	kWh	0.0188	\$6,352.76	\$8,112.65		
Every Kilowatt Counts	2007-2009				·	3,167,495	kWh	0.0117	\$37,059.69	3,157,184	kWh	0.0117	\$36,939.06	3,157,184	kWh	0.0188	\$51,883.06	\$125,881.81		
Great Refrigerator Roundup	2007-2009									489,294	kWh	0.0117	\$5,724.75	865,216	kWh	0.0188	\$14,218.38	\$19,943.12		
Aboriginal	2007					264,600	kWh	0.0117	\$3,095.82	264,600	kWh	0.0117	\$3,095.82	264,600	kWh	0.0188	\$4,348.26	\$10,539.90		
peaksaver®	2007-2009									6,228	kWh	0.0117	\$72.87	10,167	kWh	0.0188	\$167.08	\$239.95		
Social Housing – Pilot	2007					76,626	kWh	0.0117	\$896.52	76,626	kWh	0.0117	\$896.52	76,626	kWh	0.0188	\$1,259.22	\$3,052.27		
Summer Sweepstakes	2008									687,261	kWh	0.0117	\$8,040.95	248,000	kWh	0.0188	\$4,075.47	\$12,116.42		
Every Kilowatt Counts Power Savings Event	2008-2009									763,559	kWh	0.0117	\$8,933.63	964,493	kWh	0.0188	\$15,849.83	\$24,783.46		
																		\$216,708.05		
GENERAL SERVICE Less Than 50kW																				
OPA Conservation Programs																				
High Performance New Construction	2008-2009									2,913	kWh	0.0128	\$37.29	92,740	kWh	0.0179	\$1,502.39	\$1,539.68		
Power Savings Blitz	2008-2009									0	kWh	0.0128	\$0.00	1,413,667	kWh	0.0179	\$22,901.40	\$22,901.40		
																		\$24,441.08		
																		\$241,149.13		

#### ATTACHMENT C LRAM

#### Rate Class

	LRAM \$	
OPA Programs		
RESIDENTIAL	\$216,708.05	
GENERAL SERVICE <50KW	\$24,441.08	
	\$241,149.13	

#### ATTACHMENT D LRAM Input Assumptions

Class	Free Rider Rate	Number of Units	Table Applied	Discount Factor	Technology Life
Program	LRAM	LRAM	LRAM	LRAM	LRAM
Third Tranche					
RESIDENTIAL					
Community Outreach	10%	480	OPA	8.56%	8
Low Income Consumers - 2005					
Energy Star Dishwasher	10%	1	OPA	8.56%	11
Energy Star Clothes washer	10%	1	OPA	8.56%	14
Energy Star CAC	10%	1	OPA	8.56%	18
Seasonal LED Lights	5%	100	OPA	8.56%	30
Low Income Consumers - 2006					
Energy Star Dishwasher	10%	1	OPA	8.13%	11
Energy Star Clothes washer	10%	1	OPA	8.13%	14
Lighting Programs -2006 Incremental					
CFL 15w screw in	10%	20,500	OPA	8.13%	8
LED Christmas Lights	5%	500	OPA	8.13%	30
GENERAL SERVICE 50 TO 4,999 kW					
Green Team	10%	21	OEB	8.56%	5
Lighting Programs -2006 Incremental					
Cool Shops 15w cfl	10%	672	OPA	8.13%	8
Cool Shops LED Exit	10%	444	OEB	8.13%	25
Cool Shops11w cfl	10%	50	OEB	8.13%	2
Cool Shops 27w cfl	10%	2	OEB	8.13%	3
Cool Shops BR 15W / BR16W	10%	59	OEB	8.13%	3
Cool Shops PAR 20W / 23W	10%	104	OEB	8.13%	3
Lighting Programs -2006 Incremental					
Business Incentive Program-T8	10%	2,106	OEB	8.13%	5
Business Incentive Program-Exit Lighting	10%	75	OEB	8.13%	25

1Tables

OEB: OEB Total Resource Cost Guide, Section 5, Assumptions and Measures List September 8, 2005 - File: cdm\_assumptionsmeasureslist\_08092005.xls OPA: 2009 Mass Market Measures and Assumptions, V1.02 April 2009, Ontario Power Authority - 16080\_V\_1\_02\_2009\_MA\_List\_-\_MM\_14Apr\_2009.pdf



# Conservation and Demand Management

An Evaluation Report for Lost Revenue Adjustment Mechanism ("LRAM")

October 2010

## Conservation & Demand Side Management Evaluation Report Introduction

Bluewater Power Distribution Corporation ("Bluewater Power") is a progressive utility providing electrical distribution and related services to approximately 35,000 customers in Southwestern Ontario. Bluewater Power was formed in 2000 upon completion of a merger of the Sarnia Hydro-Electric Commission, Petrolia Public Utilities Commission, Point Edward Public Utilities Commission, Watford Public Utilities Commission, Alvinston Public Utilities Commission and Oil Springs Hydro-Electric Commission.

Bluewater Power participated in Conservation and Demand Side Management ("CDM") initiatives in response to a request made by the Ontario government to local distribution companies to assist in the creation of a "culture of conservation" among provincial electricity consumers.

Bluewater Power's conservation programming is consistent with the Ontario Power Authority's ("OPA") larger plan to meet its demand reduction targets through conservation activities. Bluewater Power executed a Master CDM Program Agreement with the OPA and registered for each conservation program individually. Residential initiatives included peaksaver, The Great Refrigerator Round Up and Summer Sweepstakes while the Power Saving Blitz targeted commercial customers.

Bluewater Power's goal was to position itself as the leader in energy efficiency and energy conservation expertise for Sarnia-Lambton. Bluewater Power delivered multiple print and radio advertising campaigns as well as engaging customers at community outreach events that targeted the mass residential market. Trade fairs and breakfast meetings were sponsored to promote energy conservation among Bluewater Power's commercial and industrial customers.

This summary will outline an evaluation of the Ontario Power Authority conservation programs within the context of Bluewater Power. These programs were entirely funded by the Ontario Power Authority.

### **Evaluation**

#### Every Kilowatt Counts ("EKC") & Power Savings Event

The program was education-based but also provided customers with energy saving product discount coupons that could be redeemed at participating retailers. To participate in the EKC program local distribution companies were required to register with the OPA and provide a high resolution company logo. Bluewater Power was then requested to provide a customer mailing list and a bulk metered mailing list including the applicable number of units.

An EKC coupon addressed direct mail piece was sent to every Bluewater Power customer with over 2,500 active retailers participating across the province. The coupons contained in the mail piece were bar coded specific to each local distribution company for redemption tracking purposes. Customers were offered incentives on a range of energy efficient products such as compact fluorescent lights, dimmers, motion sensors and programmable thermostats. Coupons were also made available in store at point of purchase. The OPA provided Bluewater Power with over-runs from the printer; Bluewater Power made these booklets available at our front counter for "walk-in" customers.

The number of units purchased and uptake of the energy efficient products was reported to Bluewater Power by the Ontario Power Authority as part of the OPA's responsibility to track and monitor the Every Kilowatt Counts program. The number of units also includes coupons redeemed at retail stores within the Bluewater Power service territory. Local distribution companies were requested to "audit" local retail stores to determine employees' knowledge of energy efficient products and ensure that coupons were available at point of purchase. Bluewater Power conducted a number of site visits and reported that most employees were unfamiliar with the EKC program and that with the exception of compact fluorescent light bulbs energy efficient products were difficult to locate within the store. Bluewater Power recommended that more training be provided to employees and that EKC products are displayed together if possible in a highly visible area with an ample supply of coupons.

#### **Lessons Learned**

The key elements of the program (e.g. direct mail campaign, multi-retailer participation, instant discount coupons, local promotion by LDCs) were important considerations for the success of the program. However, when the Ontario Power Authority entered the mass market with its residential education and incentive program the program was developed and implemented within a very aggressive timeline. Bluewater Power recognized that a critical piece of the program was retailer participation therefore Bluewater Power recommended that all store staff be trained properly and noted that often part-time weekend staff differed from weekday staff, which contributed to a lack of knowledge among employees. Original product offerings included;

- ENERGYSTAR qualified compact fluorescent light bulbs
- ENERGYSTAR qualified ceiling fans
- Dimmer switches
- Outdoor motion sensors
- Outdoor solar lighting
- Furnace/AC fan filters

Bluewater Power noted that customers who purchased these products during the initial EKC campaigns were now seeking additional opportunities to save. Subsequent campaigns now include specialty CFL light bulbs, power bars, programmable thermostats for electric base-board, weather-stripping and insulation blankets for electric water heaters. We feel this was a move in the right direction however we have found that the name changes of the program may be cause for confusion in the marketplace.
#### The Great Refrigerator Round-Up

Refrigerators and freezers are among the top energy consumers in a home. The goal of the Great Refrigerator Round Up program was to retire older, secondary refrigerators and freezers and recycle them in an environmentally responsible manner. The program was centrally administered by the OPA. Bluewater Power promoted the program through local community activities. Customers were able to arrange for a free pick up by calling toll-free or booking an appointment online. In addition, customers were assured the old appliances would be recycled.

Bluewater Power was an exhibitor promoting The Great Refrigerator Roundup (TGRR) at the Sarnia Home Show where staff distributed literature regarding the program and discussed energy conservation with attendees. Bluewater Power was a participant in the Sarnia Community Kidsfest and sponsored a children's' colouring contest with TGRR theme; Bluewater Power's mascot, "Freddie the Fridge" also handed out promotional items regarding TGRR.

Point of purchase displays featuring literature on TGRR were set up at seven area appliance retailers.

#### **Lessons Learned**

The Great Refrigerator Round-Up has been an immensely successful program. At the outset there were some issues with call centre response times and missed appointments but this was rectified in fairly short order and from the Bluewater Power experience it runs seamlessly. Bluewater Power has consistently exceeded the OPA targets and we have found that a number of efforts contribute to the success of the program. Bill inserts and community engagement, most notably the Sarnia Home Show, from Bluewater Power coordinated with high level OPA radio campaigns have generated a great deal of knowledge and interest with our customers. We felt that the eligibility requirements of increasing the age of the appliance from 10 to 15 years would have a greater impact but thus far we have been satisfied with the results.

#### Peaksaver

Open to residential and small business customers with central air conditioning (CAC), peaksaver is a program that helps the province manage "peak" demand. Customers enroll voluntarily and allow Bluewater Power to install a device (either a thermostat or switch) which enables the CAC to receive a signal that will cycle it down when demand for electricity is at its highest. Adjustments only occur on weekdays typically between the hours of 2-6pm. There is no charge to the customer and in addition the customer is provided with a \$25 bill credit as a thank-you for participating.

#### **Lessons Learned**

It is really critical to capitalize on momentum and to continue to market the program. When we launched the program in 2008 we invested heavily in advertising, direct mail and a media event to which the public was invited. We attended the Home Show, did a live one hour radio call in show and we were rewarded with approximately 150 enrollments in April, 70 in May and 50 in June. So in very short order we felt we were well on our way to exceeding our target.

However enrollments did not always translate into installations. Our level of customer take-up would not sustain a full time installer, thus our service provider typically ran only 2 installers in our area on a part-time basis. This resulted in some customer loss.

We felt that summertime weather would take care of advertising for us but unfortunately this did not transpire. We completed 5 installs in August and 4 in September of 2008. We had 1 enrollment for the month of October. We had lost all momentum. We should mention that there was some problem through the summer months regarding the aggregator's ability to communicate with our devices and I believe this was resolved by the end of August. But there was a measure of reluctance to promote the program when we knew our devices would not be impacted during a control event. During this lull in the action we were advised that we had been dropped down to one installer.

In 2009, during periods of increased marketing our enrolment numbers would increase however our service provider was unable to provide resources to convert customer interest into an installation. Bluewater Power suffered very high rates of dis-interested customers and a remote call centre located outside of Ontario did little to rectify the situation.

Bluewater Power's service territory is a challenging market for peaksaver. We have a higher percentage of senior citizens than the provincial average, and although they may be interested in participating in the program, the use of programmable thermostats is challenging for some. The use of switches does help manage the program with seniors.

As a result of our poor results in 2009, Bluewater Power hired a new service provider and have seen the number of installations increase significantly in 2010.

#### Summer Sweepstakes

Based on the previous year's Summer Savings Program the 2008 Summer Sweepstakes was a contest designed to increase consumer awareness on the importance of reducing summer electricity demand. Registered participants will be encouraged to reduce their electricity consumption during the months of July and August 2008 by 10% as compared to their consumption during the same period in 2007. Registered participants were eligible to win "Early Bird" prizes such as clotheslines, solar chargers and standby power bars. Qualified participants; those who saved the minimum 10%, were then eligible to win Grand Prizes of Energy Star appliances, mountain bikes and iPods with solar chargers.

Bluewater Power had approximately 1100 customers register for the program and approximately 350 customers obtained the minimum 10% energy savings deemed to be eligible for the Grand Prizes.

#### **Lessons Learned**

Unlike the prior year's Summer Savings program where all customers were eligible for a 10% bill credit if they obtained a 10% reduction in energy use, Summer Sweeps was a contest that required a customer to enter by registering online or by calling a toll free number. Deadline for registration was July 15<sup>th</sup> 2008 for the Grand Prizes while the savings period was July 1<sup>st</sup> to August 31<sup>st</sup>. The deadline for

Early Bird prizes was June 30<sup>th</sup>. This added layer caused confusion for customers and Bluewater Power customer service alike. The registration process alone resulted in a very small number of participants. By the time the Grand Prize was awarded in January 2009 there was a complete disconnect between what efforts the customer may have embraced in the summer of 2008 in order to reduce their energy consumption. We would also recommend that employees be allowed to participate in the program.

#### **Cool Savings Rebate**

This program was created to encourage customers to purchase and install energy efficient heating and cooling equipment. Incentives are offered for homeowners and businesses (with residential sized equipment) replacing their existing furnaces with an eligible furnace that is equipped with a Electronically Commutated Motor (ECM) or for replacing their existing central air conditioning system with Energy Star qualified system. The system must be installed by a participating contractor and it is the contractor who completes the application for rebate.

#### **Lessons Learned**

In conversation with participating contractors, they questioned the requirements for eligible equipment. In particular they questioned the Energy Star SEER and EER criteria. We determined that not all participating contractors fully endorsed this program. There was also some confusion between the Cool Savings program and the Natural Resources ecoEnergy retrofit grants and rebates since incentive levels were very similar. The name of the program has also caused confusion on two fronts; customers do not think of heating with the name "Cool" and there have been several attempts at branding the name "Cool" with other conservation programs. "Cool Savings", "Keep Cool" and "Cool Shops" are a few that come immediately to mind.

#### **Power Saving Blitz**

With this initiative, qualifying businesses can receive up to \$1,000 in energy-efficiency improvements - at absolutely no cost or obligation. A Power Savings Blitz representative acting on behalf of Bluewater Power contacted the stores and businesses in our service area with an electricity demand of less than 50kW. The authorized representative performs an assessment, the primary focus on lighting upgrades, to determine savings opportunities within the place of business. While funding of up to \$1,000 is provided for the retrofit (including the cost of the material and labour), with an opportunity for the business owner to pay for any costs over the \$1,000 limit. Bluewater Power utilized bill inserts and contractor and customer events. The Chamber of Commerce Showcase proved to be a very popular event among small business owners and operators.

#### **Lessons Learned**

Bluewater Power contracted a 3<sup>rd</sup> party service provider to deliver this program. While we had concerns this program would impede our ability to market the Electricity Retrofit Incentive Program (ERIP) this has not been the case. We easily exceeded our OPA targets and it appears we are well on our way to exceed 2010 targets too. While this program has been immensely popular we have noted that lighting often comprises a small percentage of their overall energy use and customers are not realizing

the expected savings. Too frequently, customers are not capturing optimal levels of lighting efficiency and are limiting their investment in conservation measures to the free \$1000 leaving many older inefficient fixtures in place. Lastly, Bluewater Power has frequently provided the message to our customers that we do not go door to door to solicit business such as an energy marketer. However, some of the authorized contractors took this approach to increase sales resulting in higher call volumes to Bluewater Power from confused customers especially in light of a free \$1000? It sounded too good to be true and customers wondered what was the catch?

#### Conclusion

Under the direction of the Ontario Power Authority, Bluewater Power executed a Master CDM Program Agreement. For each initiative within the OPA suite of programs a schedule containing funding formulas was provided to Bluewater Power. Upon approval of program registration, Bluewater Power set out to implement the initiatives contained within the approved schedule. Bluewater Power succeeded in "rolling out" a conservation plan that adhered to the guiding principles of Conservation and Demand Side Management delivery. The programs took a balanced approach, allowed for customer participation and were designed to address all rate classifications. Bluewater Power is committed to providing CDM initiatives to its customers and it is our contention that we delivered on that commitment.

# Tab 8 Rate Generator Model



Name of LDC:Bluewater Power Distribution CorporationFile Number:EB-2010-0065Effective Date:Sunday, May 01, 2011Version : 1.9

### **LDC Information**

Applicant Name	Bluewater Power Distribution Corporation
Application Type	IRM3
<b>OEB Application Number</b>	EB-2010-0065
Tariff Effective Date	May 1, 2011
LDC Licence Number	ED-2002-0517
Notice Publication Language	English
DRC Rate	0.00700
Customer Bills	12 per year
<b>Distribution Demand Bill Determinant</b>	kW
Stretch Factor Group	II
Stretch Factor Value	0.4%
Last COS Re-based Year	2009
Last COS OEB Application Number	EB-2008-0221
<b>Special Purpose Charge - Current</b>	Yes
Special Purpose Charge - Applied	Yes
<b>Application Contact Information</b>	

Name:	Leslie Dugas
Title:	Manager of Regulatory Affairs
Phone Number:	519-337-8201 Ext 255
E-Mail Address:	ldugas@bluewaterpower.com

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Name of LDC:	Bluewat
File Number:	EB-201
Effective Date:	Sunday
Version : 1.9	

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C2.2 Def Var Disp 2009

C2.3 Def Var Disp 2010

C3.1 Curr Low Voltage Vol Rt

C3.2 Global Adjustment Elect

C3.3 Global Adjustment Del

C4.1 Curr Rates & Chgs General

C7.1 Base Dist Rates Gen

D1.2 Revenue Cost Ratio Adj

E1.1 Rate Reb Base Dist Rts Gen

F1.1 GDP-IPI PCI Adjustment WS

F1.2 GDP-IPI PCI Adjust to Rate

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O1.2 Sum of Tariff Rate Adders

O1.3 Sum of Tariff Rate Rider

O2.1 Calculation of Bill Impact

P1.1 Curr&Appl For Allowances

P2.1 Curr&Appl For Spc Srv Chg

P3.1 Curr&Appl For Rtl Srv Chg

#### er Power Distribution Corporation 0-0065 <sup>'</sup>, May 01, 2011

#### **Purpose of Sheet**

Enter LDC Data

Table of Contents

Show or Hide Sheet Selection

Set up Tariff Sheet Rate Classes

Enter Current Tariff Sheet Smart Meter Funding Adder

Deferral Variance Account Disposition (2009)

Deferral Variance Account Disposition (2010)

Current Low Voltage Volumetric Rate

Rate Rider for Global Adjustment Sub-Account Disposition- Electricity Component

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

Enter Current Tariff Sheet Rates

Calculation of Base Distribution Rates

Revenue Cost Ratio Adjustment

Rate Rebalanced Base Distribution Rates

**GDP-IPI Price Cap Adjustment Work Sheet GDP-IPI Price Cap Adjustment To Rates** Base Distribution Rates after Price Cap Adjustment Enter Proposed Tariff Sheet Smart Meter Rate Adder Deferral Variance Account Disposition (2009) Deferral Variance Account Disposition (2010) Deferral Variance Account Disposition (2011) Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery Rate Rider Tax Change Rate Rider Applied for Low Voltage Volumetric Rate Applied for Rate Rider for Global Adjustment Sub-Account Disposition- Electricity Component 2010 Applied for Rate Rider for Global Adjustment Sub-Account Disposition- Electricity Component 2011 Applied for Rate Rider for Global Adjustment Sub-Account Disposition - Delivery Component 2010 Applied for Rate Rider for Global Adjustment Sub-Account Disposition - Delivery Component 2011 Applied For RTSR - Network Applied For RTSR - Connection Applied for microFIT Generator Monthly Rates and Charges Enter Loss Factors From Current Tariff Sheet Shows Summary of Changes To General Service Charge and Distribution Volumetric Charge Shows Summary of Changes To Tariff Rate Adders Shows Summary of Changes To Tariff Rate Riders **Bill Impact Calculations** Enter Allowances from Current Tariff Sheets Enter Specific Service Charges from Current Tariff Sheets Enter Retail Service Charges from Current Tariff Sheets



Iame of LDC:Bluewater Power Distribution Corporationile Number:EB-2010-0065Effective Date:Sunday, May 01, 2011

### **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	Hide	To be used by distributor that had a Rate Rider for GA Sub-Acct - Delivery
D1.2 Revenue Cost Ratio Adj	Show	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 J2.8 Incr Capital Rate Rider J3.1 App For Low Voltage Vol Rt J3.2 Global Adjust Elec 2010 J3.21 Global Adjust Elec 2011 J3.3 Global Adjust Del 2010 J3.31 Global Adjust Del 2011

Show	To be used by distributor that is applying for a Rate Rider for Shared Tax Savings
Hide	To be used by distributor that is applying for a Rate Rider for Incremental Capital
Show	To be used by distributor that is applying for a Rate Rider for Low Voltage Volumetric Rate
Hide	To be used by distributor that is applying for a Rate Rider for GA Sub-Acct - Electricity 2010
Show	To be used by distributor that is applying for a Rate Rider for GA Sub-Acct - Electricity 2011
Hide	To be used by distributor that is applying for a Rate Rider for GA Sub-Acct - Delivery 2010
Show	To be used by distributor that is applying for a Rate Rider for GA Sub-Acct - Delivery 2011



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### **Current and Applied For Rate Classes**

Rate Group	Rate Class	Fixed Metric	Vol Metric
RES	Residential	Customer per 30 days	kWh
GSLT50	General Service Less Than 50 kW	Customer per 30 days	kWh
GSGT50	General Service 50 to 999 kW	Customer per 30 days	kW
GSGT50	General Service 1,000 to 4,999 kW	Customer per 30 days	kW
LU	Large Use	Customer per 30 days	kW
USL	Unmetered Scattered Load	Connection -12 per year	kWh
Sen	Sentinel Lighting	Connection -12 per year	kW
SL	Street Lighting	Connection -12 per year	kW
LU	Large Use - Regular	Customer per 30 days	kW
NA	Rate Class 10	NA	NA
NA	Rate Class 11	NA	NA
NA	Rate Class 12	NA	NA
NA	Rate Class 13	NA	NA

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Name of LDC: File Number: Effective Date: Version : 1.9 Bluewater Power Distribution Corporation EB-2010-0065 Sunday, May 01, 2011

# **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	1.00				
Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	1.000000	Customer per 30 days	0.000000	kWh
General Service Less Than 50 kW	Yes	1.000000	Customer per 30 days	0.000000	kWh
General Service 50 to 999 kW	Yes	1.000000	Customer per 30 days	0.000000	kW
General Service 1,000 to 4,999 kW	Yes	1.000000	Customer per 30 days	0.000000	kW
Large Use	Yes	1.000000	Customer per 30 days	0.000000	kW
Large Use - Regular	Yes	1.000000	Customer per 30 days	0.000000	kW



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# **Deferral Variance Account Disposition (2009)**

Rate Rider	Def Var Disp 2009
Sunset Date	April 30, 2011
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 per 30 days	-0.001400	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer per 30 days	-0.001700	kWh
General Service 50 to 999 kW	Yes	0.000000	Customer per 30 days	-0.736600	kW
General Service 1,000 to 4,999 kW	Yes	0.000000	Customer per 30 days	-0.968800	kW
Large Use	Yes	0.000000	Customer per 30 days	-1.451600	kW
Unmetered Scattered Load	Yes	0.000000	Connection -12 per year	-0.001300	kWh
Sentinel Lighting	Yes	0.000000	Connection -12 per year	-0.601100	kW
Street Lighting	Yes	0.000000	Connection -12 per year	-0.518900	kW
Large Use - Regular	Yes	0.000000	Customer per 30 days	-1.451600	kW



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# **Deferral Variance Account Disposition (2010)**

Rate Rider	Def Var Disp 2010
Sunset Date	April 30, 2012
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 per 30 days	-0.001600	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer per 30 days	-0.001500	kWh
General Service 50 to 999 kW	Yes	0.000000	Customer per 30 days	-0.497500	kW
General Service 1,000 to 4,999 kW	Yes	0.000000	Customer per 30 days	-0.553600	kW
Large Use	Yes	0.000000	Customer per 30 days	-0.847900	kW
Unmetered Scattered Load	Yes	0.000000	Connection -12 per year	-0.001700	kWh
Sentinel Lighting	Yes	0.000000	Connection -12 per year	-0.733700	kW
Street Lighting	Yes	0.000000	Connection -12 per year	-0.485600	kW
Large Use - Regular	Yes	0.000000	Customer per 30 days	-0.271700	kW



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### **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	0.000200
General Service Less Than 50 kW	kWh	0.000200
General Service 50 to 999 kW	kW	0.072200
General Service 1,000 to 4,999 kW	kW	0.079200
Large Use	kW	0.090500
Unmetered Scattered Load	kWh	0.000200
Sentinel Lighting	kW	0.057000
Street Lighting	kW	0.055800
Large Use - Regular	kW	0.090500



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# **Current Rates and Charges**

#### Rate Class

#### Residential

Rate Description	Metric	Rate
Service Charge	\$	13.66
Service Charge Smart Meters	\$	1.00
Distribution Volumetric Rate	\$/kWh	0.0186
Low Voltage Volumetric Rate	\$/kWh	0.0002
Distribution Volumetric Def Var Disp 2009 – effective until Saturday, April 30, 2011	\$/kWh	(0.00140)
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kWh	(0.00160)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0060
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0053
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	\$	24.48
Service Charge Smart Meters	\$	1.00
Distribution Volumetric Rate	\$/kWh	0.0172
Low Voltage Volumetric Rate	\$/kWh	0.0002
Distribution Volumetric Def Var Disp 2009 – effective until Saturday, April 30, 2011	\$/kWh	(0.00170)

Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kWh	(0.00150)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0055
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0047
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 999 kW

Rate Description	Metric	Rate
Service Charge	\$	140.51
Service Charge Smart Meters	\$	1.00
Distribution Volumetric Rate	\$/kW	3.5243
	\$/kW	
Low Voltage Volumetric Rate	\$/kW	0.0722
Distribution Volumetric Def Var Disp 2009 – effective until Saturday, April 30, 2011	\$/kW	(0.73660)
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kW	(0.49750)
Retail Transmission Rate – Network Service Rate	\$/kW	2.2326
	\$/kW	0.0000
	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.8765
	\$/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

### General Service 1,000 to 4,999 kW

Rate Description	Metric	Rate
Service Charge	\$	3,088.84
Service Charge Smart Meters	\$	1.00
Distribution Volumetric Rate	\$/kW	1.2655
	\$/kW	
Low Voltage Volumetric Rate	\$/kW	0.0792
Distribution Volumetric Def Var Disp 2009 – effective until Saturday, April 30, 2011	\$/kW	(0.96880)
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kW	(0.55360)
Retail Transmission Rate – Network Service Rate	\$/kW	2.3712
	\$/kW	0.0000
	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.0571
	\$/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

#### Large Use

Rate Description	Metric	Rate
Service Charge	\$	25,035.58
Service Charge Smart Meters	\$	1.00
Distribution Volumetric Rate	\$/kW	1.4974
	\$/kW	
Low Voltage Volumetric Rate	\$/kW	0.0905
Distribution Volumetric Def Var Disp 2009 – effective until Saturday, April 30, 2011	\$/kW	(1.45160)
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kW	(0.84790)
Retail Transmission Rate – Network Service Rate	\$/kW	2.6255
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.3524
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 connection)	\$	13.57
Distribution Volumetric Rate	\$/kWh	0.0369
Low Voltage Volumetric Rate	\$/kWh	0.0002
Distribution Volumetric Def Var Disp 2009 – effective until Saturday, April 30, 2011	\$/kWh	(0.00130)
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kWh	(0.00170)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0055
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0047
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)	\$	2.34
Distribution Volumetric Rate	\$/kW	15.4572
Low Voltage Volumetric Rate	\$/kW	0.0570
Distribution Volumetric Def Var Disp 2009 – effective until Saturday, April 30, 2011	\$/kW	(0.60110)
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kW	(0.73370)
Retail Transmission Rate – Network Service Rate	\$/kW	1.6923

Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4809
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)	\$	1.62
Distribution Volumetric Rate	\$/kW	12.5074
Low Voltage Volumetric Rate	\$/kW	0.0558
Distribution Volumetric Def Var Disp 2009 – effective until Saturday, April 30, 2011	\$/kW	(0.51890)
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kW	(0.48560)
Retail Transmission Rate – Network Service Rate	\$/kW	1.6837
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4507
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

Large Use - Regular

Rate Description	Metric	Rate
Service Charge	\$	25,035.58
Service Charge Smart Meters	\$	1.00
Distribution Volumetric Rate	\$/kW	1.4974
	\$/kW	
Low Voltage Volumetric Rate	\$/kW	0.0905
Distribution Volumetric Def Var Disp 2009 – effective until Saturday, April 30, 2011	\$/kW	(1.45160)
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kW	(0.27170)
Retail Transmission Rate – Network Service Rate	\$/kW	2.6255
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.3524
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:Bluewater Power Distribution CorporationFile Number:EB-2010-0065Effective Date:Sunday, May 01, 2011

### **Base Distribution Rates**

#### Service Charge

Class	Metric	Current Rates	Current Base Rates
Residential	Customer per 30 days	13.660000	13.660000
General Service Less Than 50 kW	Customer per 30 days	24.480000	24.480000
General Service 50 to 999 kW	Customer per 30 days	140.510000	140.510000
General Service 1,000 to 4,999 kW	Customer per 30 days	3,088.840000	3,088.840000
Large Use	Customer per 30 days	25,035.580000	25,035.580000
Unmetered Scattered Load	Connection -12 per year	13.570000	13.570000
Sentinel Lighting	Connection -12 per year	2.340000	2.340000
Street Lighting	Connection -12 per year	1.620000	1.620000
Large Use - Regular	Customer per 30 days	25,035.580000	25,035.580000

#### **Distribution Volumetric Rate**

Class	Metric	Current Rates	Current Base Rates
Residential	kWh	0.018600	0.018600
General Service Less Than 50 kW	kWh	0.017200	0.017200
General Service 50 to 999 kW	kW	3.524300	3.524300
General Service 1,000 to 4,999 kW	kW	1.265500	1.265500
Large Use	kW	1.497400	1.497400
Unmetered Scattered Load	kWh	0.036900	0.036900
Sentinel Lighting	kW	15.457200	15.457200
Street Lighting	kW	12.507400	12.507400
Large Use - Regular	kW	1.497400	1.497400

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### **Revenue Cost Ratio Adjustment**



#### Monthly Service Charge

Cla	ISS	Metric	Base Rate	\$ Adjustment	
Re	sidential	Customer per 30 days	13.660000	0.000000	
Ge	neral Service Less Than 50 kW	Customer per 30 days	24.480000	- 0.511168	-
Ge	neral Service 50 to 999 kW	Customer per 30 days	140.510000	0.000000	
Ge	neral Service 1,000 to 4,999 kW	Customer per 30 days	3088.840000	0.000000	
La	rge Use	Customer per 30 days	25035.580000	- 432.552992	-
Un	metered Scattered Load	Connection -12 per year	13.570000	0.969400	
Se	ntinel Lighting	Connection -12 per year	2.340000	0.524949	
Str	eet Lighting	Connection -12 per year	1.620000	0.250630	
La	ge Use - Regular	Customer per 30 days	25035.580000	- 432.552992	-

#### Volumetric Distribution Charge

Class	Metric	Base Rate	\$ Adjustment
Residential	kWh	0.018600	0.000000
General Service Less Than 50 kW	kWh	0.017200	- 0.000359 -
General Service 50 to 999 kW	kW	3.524300	0.000000
General Service 1,000 to 4,999 kW	kW	1.265500	0.000000
Large Use	kW	1.497400	- 0.025871 -
Unmetered Scattered Load	kWh	0.036900	0.002636
Sentinel Lighting	kW	15.457200	3.467625
Street Lighting	kW	12.507400	1.935017
Large Use - Regular	kW	1.497400	- 0.025871 -
5 5			

Adj To Base 0.000000 0.511168 0.000000 432.552992 0.969400 0.524949 0.250630 432.552992

#### Adj To Base 0.000000 0.000359 0.000000 0.000000 0.025871 0.002636 3.467625 1.935017 0.025871



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### **Rate Rebalanced Base Distribution Rates**

#### Monthly Service Charge

Class	Metric	Base Rate	Revenue Cost Ratio	Rate ReBal Base
Residential	Customer per 30 days	13.660000	0.000000	13.660000
General Service Less Than 50 kW	Customer per 30 days	24.480000	-0.511168	23.968832
General Service 50 to 999 kW	Customer per 30 days	140.510000	0.000000	140.510000
General Service 1,000 to 4,999 kW	Customer per 30 days	3,088.840000	0.000000	3,088.840000
Large Use	Customer per 30 days	25,035.580000	-432.552992	24,603.027008
Unmetered Scattered Load	Connection -12 per year	13.570000	0.969400	14.539400
Sentinel Lighting	Connection -12 per year	2.340000	0.524949	2.864949
Street Lighting	Connection -12 per year	1.620000	0.250630	1.870630
Large Use - Regular	Customer per 30 days	25,035.580000	-432.552992	24,603.027008

#### **Volumetric Distribution Charge**

Class	Metric	Base Rate	Revenue Cost Ratio	Rate ReBal Base
Residential	kWh	0.018600	0.000000	0.018600
General Service Less Than 50 kW	kWh	0.017200	-0.000359	0.016841
General Service 50 to 999 kW	kW	3.524300	0.000000	3.524300
General Service 1,000 to 4,999 kW	kW	1.265500	0.000000	1.265500
Large Use	kW	1.497400	-0.025871	1.471529
Unmetered Scattered Load	kWh	0.036900	0.002636	0.039536
Sentinel Lighting	kW	15.457200	3.467625	18.924825
Street Lighting	kW	12.507400	1.935017	14.442417
Large Use - Regular	kW	1.497400	-0.025871	1.471529



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### **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%	
Price Cap Index		0.18%



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# **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 Ch		Uniform Volumetric Charge Percent 0.180% k 0.180% k		1
Monthly Service Charge					
Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	Customer per 30 days	13.660000	Yes	0.180%	0.024588
General Service Less Than 50 kW	Customer per 30 days	23.968832	Yes	0.180%	0.043144
General Service 50 to 999 kW	Customer per 30 days	140.510000	Yes	0.180%	0.252918
General Service 1,000 to 4,999 kW	Customer per 30 days	3088.840000	) Yes	0.180%	5.559912
Large Use	Customer per 30 days	24603.02700	8 Yes	0.180%	44.285449
Unmetered Scattered Load	Connection -12 per year	14.539400	Yes	0.180%	0.026171
Sentinel Lighting	Connection -12 per year	2.864949	Yes	0.180%	0.005157
Street Lighting	Connection -12 per year	1.870630	Yes	0.180%	0.003367
Large Use - Regular	Customer per 30 days	24603.02700	8 Yes	0.180%	44.285449

#### Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	kWh	0.018600	Yes	0.180%	0.000033
General Service Less Than 50 kW	kWh	0.016841	Yes	0.180%	0.000030
General Service 50 to 999 kW	kW	3.524300	Yes	0.180%	0.006344
General Service 1,000 to 4,999 kW	kW	1.265500	Yes	0.180%	0.002278
Large Use	kW	1.471529	Yes	0.180%	0.002649
Unmetered Scattered Load	kWh	0.039536	Yes	0.180%	0.000071
Sentinel Lighting	kW	18.924825	Yes	0.180%	0.034065
Street Lighting	kW	14.442417	Yes	0.180%	0.025996
Large Use - Regular	kW	1.471529	Yes	0.180%	0.002649



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# After Price Cap Base Distribution Rates General

#### Monthly Service Charge

Class	Metric	Base Rate	Price Cap Adjustment	After Price Cape Base
Residential	Customer per 30 days	13.660000	0.024588	13.684588
General Service Less Than 50 kW	Customer per 30 days	23.968832	0.043144	24.011976
General Service 50 to 999 kW	Customer per 30 days	140.510000	0.252918	140.762918
General Service 1,000 to 4,999 kW	Customer per 30 days	3088.840000	5.559912	3094.399912
Large Use	Customer per 30 days	24603.027008	44.285449	24647.312457
Unmetered Scattered Load	Connection -12 per year	14.539400	0.026171	14.565571
Sentinel Lighting	Connection -12 per year	2.864949	0.005157	2.870106
Street Lighting	Connection -12 per year	1.870630	0.003367	1.873997
Large Use - Regular	Customer per 30 days	24603.027008	44.285449	24647.312457

#### Volumetric Distribution Charge

Class	Metric	Base Rate	Price Cap Adjustment	After Price Cape Base
Residential	kWh	0.018600	0.000033	0.018633
General Service Less Than 50 kW	kWh	0.016841	0.000030	0.016871
General Service 50 to 999 kW	kW	3.524300	0.006344	3.530644
General Service 1,000 to 4,999 kW	kW	1.265500	0.002278	1.267778
Large Use	kW	1.471529	0.002649	1.474178
Unmetered Scattered Load	kWh	0.039536	0.000071	0.039607
Sentinel Lighting	kW	18.924825	0.034065	18.958890
Street Lighting	kW	14.442417	0.025996	14.468413
Large Use - Regular	kW	1.471529	0.002649	1.474178

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# 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 per 30 days	0.000000	kWh
General Service Less Than 50 kW	Yes	2.000000	Customer per 30 days	0.000000	kWh
General Service 50 to 999 kW	Yes	2.000000	Customer per 30 days	0.000000	kW
General Service 1,000 to 4,999 kW	Yes	2.000000	Customer per 30 days	0.000000	kW
Large Use	Yes	2.000000	Customer per 30 days	0.000000	kW
Large Use - Regular	Yes	2.000000	Customer per 30 days	0.000000	kW



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# **Deferral Variance Account Disposition (2010)**

Rate Rider	Def Var Disp 2010
Sunset Date	April 30, 2012
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 per 30 days	-0.001600	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer per 30 days	-0.001500	kWh
General Service 50 to 999 kW	Yes	0.000000	Customer per 30 days	-0.497500	kW
General Service 1,000 to 4,999 kW	Yes	0.000000	Customer per 30 days	-0.553600	kW
Large Use	Yes	0.000000	Customer per 30 days	-0.847900	kW
Unmetered Scattered Load	Yes	0.000000	Connection -12 per year	-0.001700	kWh
Sentinel Lighting	Yes	0.000000	Connection -12 per year	-0.733700	kW
Street Lighting	Yes	0.000000	Connection -12 per year	-0.485600	kW
Large Use - Regular	Yes	0.000000	Customer per 30 days	-0.271700	kW



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# **Deferral Variance Account Disposition (2011)**

Rate Rider	Def Var Disp 2011
Sunset Date	April 30, 2013
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 per 30 days	0.001160	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer per 30 days	0.001150	kWh
General Service 50 to 999 kW	Yes	0.000000	Customer per 30 days	0.418560	kW
General Service 1,000 to 4,999 kW	Yes	0.000000	Customer per 30 days	0.523720	kW
Large Use	Yes	0.000000	Customer per 30 days	0.657920	kW
Unmetered Scattered Load	Yes	0.000000	Connection -12 per year	0.001160	kWh
Sentinel Lighting	Yes	0.000000	Connection -12 per year	0.494410	kW
Street Lighting	Yes	0.000000	Connection -12 per year	0.421220	kW
Large Use - Regular	Yes	0.000000	Customer per 30 days	-0.052970	kW



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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	30/04/2013
	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 N
Residential	Yes	0.000000	Customer per 30 days	0.000400	k٧
General Service Less Than 50 kW	Yes	0.000000	Customer per 30 days	0.000100	k۷
General Service 50 to 999 kW	No	0.000000	Customer per 30 days	0.000000	k١
General Service 1,000 to 4,999 kW	No	0.000000	Customer per 30 days	0.000000	k١
Large Use	No	0.000000	Customer per 30 days	0.000000	k١
Unmetered Scattered Load	No	0.000000	Connection -12 per year	0.000000	k۷
Sentinel Lighting	No	0.000000	Connection -12 per year	0.000000	k١
Street Lighting	No	0.000000	Connection -12 per year	0.000000	k١
Large Use - Regular	No	0.000000	Customer per 30 days	0.000000	k١

I Metric kWh kWh kW kW kW kWh kWh kW kW



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## Tax Change Rate Rider



Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer per 30 days	-0.000300	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer per 30 days	-0.000200	kWh
General Service 50 to 999 kW	Yes	0.000000	Customer per 30 days	-0.041500	kW
General Service 1,000 to 4,999 kW	Yes	0.000000	Customer per 30 days	-0.024500	kW
Large Use	Yes	0.000000	Customer per 30 days	-0.031800	kW
Unmetered Scattered Load	Yes	0.000000	Connection -12 per year	-0.000500	kWh
Sentinel Lighting	Yes	0.000000	Connection -12 per year	-0.266700	kW
Street Lighting	Yes	0.000000	Connection -12 per year	-0.213400	kW
Large Use - Regular	Yes	0.000000	Customer per 30 days	-0.031800	kW



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### **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	0.000200
General Service Less Than 50 kW	kWh	0.000200
General Service 50 to 999 kW	kW	0.072200
General Service 1,000 to 4,999 kW	kW	0.079200
Large Use	kW	0.090500
Unmetered Scattered Load	kWh	0.000200
Sentinel Lighting	kW	0.057000
Street Lighting	kW	0.055800
Large Use - Regular	kW	0.090500



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



Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer per 30 days	0.002560	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer per 30 days	0.002560	kWh
General Service 50 to 999 kW	Yes	0.000000	Customer per 30 days	0.002560	kWh
General Service 1,000 to 4,999 kW	Yes	0.000000	Customer per 30 days	0.002560	kWh
Large Use	Yes	0.000000	Customer per 30 days	0.002560	kWh
Unmetered Scattered Load	Yes	0.000000	Connection -12 per year	0.002560	kWh
Sentinel Lighting	Yes	0.000000	Connection -12 per year	0.002560	kWh
Street Lighting	Yes	0.000000	Connection -12 per year	0.002560	kWh
Large Use - Regular	No	0.000000	Customer per 30 days	0.000000	kWh



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



Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	No	0.000000	Customer per 30 days	0.000000	kWh
General Service Less Than 50 kW	No	0.000000	Customer per 30 days	0.000000	kWh
General Service 50 to 999 kW	No	0.000000	Customer per 30 days	0.000000	kW
General Service 1,000 to 4,999 kW	No	0.000000	Customer per 30 days	0.000000	kW
Large Use	No	0.000000	Customer per 30 days	0.000000	kW
Unmetered Scattered Load	No	0.000000	Connection -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
Large Use - Regular	No	0.000000	Customer per 30 days	0.000000	kW



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# Applied For RTSR - Network

Method of Application	Distinct Dollar				
Rate Class	Applied to Class				
Residential	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adiustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kWh	0.006000	0.000%	-0.000127	0.005873
Rate Class	Applied to Class				
General Service Less Than 50 kW	Yes				
Rate Description	Vol Metric	Current Amount			
Retail Transmission Rate – Network Service Rate	\$/kWh	0.005500	0.000%	-0.000117	0.005383
Rate Class General Service 50 to 999 kW	Applied to Class				
General Service 50 to 999 kw	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kW	2.232600	0.000%	-0.047423	2.185177
Rate Class	Applied to Class Yes				
General Service 1,000 to 4,999 kW	res				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kW	2.371200	0.000%	-0.050367	2.320833
Rate Class	Applied to Class				
Large Use	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount

Rate Class Unmetered Scattered Load	Applied to Class Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kWh	0.005500	0.000%	-0.000117	0.005383
Rate Class	Applied to Class				
Sentinel Lighting	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kW	1.692300	0.000%	-0.035946	1.656354
Rate Class	Applied to Class				
Street Lighting	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kW	1.683700	0.000%	-0.035764	1.647936
Rate Class	Applied to Class				
Large Use - Regular	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kW	2.625500	0.000%	-0.055769	2.569731



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# **Applied For RTSR - Connection**

Method of Application	Distinct Dollar
Rate Class Residential	Applied to Class
Kesidentia	
Rate Description Retail Transmission Rate – Line and Transformation Connection Service Rate	Vol Metric Current Amount % Adjustment \$ Adjustment Final Amou \$/kWh 0.005300 0.000% -0.000166 0.0051
	\$/KWIT 0.003500 0.00078 -0.000700 0.0031
Rate Class	Applied to Class
General Service Less Than 50 kW	Yes
Rate Description	Vol Metric Current Amount % Adjustment \$ Adjustment Final Amou
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh 0.004700 0.000% -0.000147 0.0045
Rate Class	Applied to Class
General Service 50 to 999 kW	Yes
Rate Description	Vol Metric Current Amount % Adjustment \$ Adjustment Final Amou
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW 1.876500 0.000% -0.058644 1.8178
Rate Class	Applied to Class
General Service 1,000 to 4,999 kW	Yes
Rate Description	Vol Metric Current Amount % Adjustment \$ Adjustment Final Amou
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW 2.057100 0.000% -0.064288 1.9928
Rate Class	Applied to Class
Large Use	Yes
Rate Description	Vol Metric Current Amount % Adjustment \$ Adjustment Final Amou
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW 2.352400 0.000% -0.073517 2.2788

Applied to Class				
Yes				
Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
\$/kWh	0.004700	0.000%	-0.000147	0.004553
Applied to Class				
Yes				
			•	
\$/KVV	1.480900	0.000%	-0.046281	1.434619
Applied to Class				
Yes				
Vol Motrio		% Adjustment	¢ Adjustment	
				1.405363
φπτ	11100100	0.00070		
Ves				
103				
Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
	Vol Metric \$/kWh Applied to Class Yes Vol Metric \$/kW	YesVol MetricCurrent Amount 0.004700Applied to Class YesCurrent Amount 1.480900Applied to Class YkW1.480900Applied to Class YesCurrent Amount 1.480900Applied to Class Yes1.450700Applied to Class Yes1.450700	YesVol MetricCurrent Amount% Adjustment\$/kWh0.0047000.000%Applied to Class YesYes% AdjustmentVol MetricCurrent Amount 1.480900% Adjustment 0.000%Applied to Class YesYes% Adjustment 0.000%	YesVol Metric \$/kWhCurrent Amount 0.004700% Adjustment 0.000%\$ Adjustment -0.000147Applied to Class YesYes% Adjustment % Adjustment 0.000%\$ Adjustment -0.046281Vol Metric \$/kWCurrent Amount 1.480900% Adjustment 0.000%\$ Adjustment -0.046281Applied to Class YesCurrent Amount 1.450700% Adjustment % Adjustment 0.000%\$ Adjustment -0.045337Applied to ClassCurrent Amount 1.450700% Adjustment 0.000%\$ Adjustment -0.045337


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# microFIT Generator

Rate Class

microFIT Generator

Rate Description Service Charge Fixed Metric Rate \$ 5.25



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# **Applied For Monthly Rates and Charges**

### Rate Class Residential

Rate Description	Metric	Rate
Service Charge	\$	13.68
Service Charge Smart Meters	\$	2.00
Distribution Volumetric Rate	\$/kWh	0.0186
Low Voltage Volumetric Rate	\$/kWh	0.0002
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kWh	(0.00160)
Distribution Volumetric Def Var Disp 2011 – effective until Tuesday, April 30, 2013	\$/kWh	0.00116
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism	(SS\$/kWh	0.00040
Distribution Volumetric Tax Change – effective until Monday, April 30, 2012	\$/kWh	(0.00030)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0051
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	\$	24.01
Service Charge Smart Meters	\$	2.00
Distribution Volumetric Rate	\$/kWh	0.0169
Low Voltage Volumetric Rate	\$/kWh	0.0002
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kWh	(0.00150)
Distribution Volumetric Def Var Disp 2011 – effective until Tuesday, April 30, 2013	\$/kWh	0.00115
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (S	S\$/kWh	0.00010
Distribution Volumetric Tax Change – effective until Monday, April 30, 2012	\$/kWh	(0.00020)
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 50 to 999 kW

Rate Description	Metric	Rate
Service Charge	\$	140.76
Service Charge Smart Meters	\$	2.00
Distribution Volumetric Rate	\$/kW	3.5306
Low Voltage Volumetric Rate	\$/kW	0.0722
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kW	(0.49750)
Distribution Volumetric Def Var Disp 2011 – effective until Tuesday, April 30, 2013	\$/kW	0.41856
Distribution Volumetric Tax Change – effective until Monday, April 30, 2012	\$/kW	(0.04150)
Retail Transmission Rate – Network Service Rate	\$/kW	2.1852
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.8179
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 1,000 to 4,999 kW

Rate Description	Metric	Rate
Service Charge	\$	3,094.40
Service Charge Smart Meters	\$	2.00
Distribution Volumetric Rate	\$/kW	1.2678
Low Voltage Volumetric Rate	\$/kW	0.0792
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kW	(0.55360)
Distribution Volumetric Def Var Disp 2011 – effective until Tuesday, April 30, 2013	\$/kW	0.52372
Distribution Volumetric Tax Change – effective until Monday, April 30, 2012	\$/kW	(0.02450)
Retail Transmission Rate – Network Service Rate	\$/kW	2.3208
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.9928
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

### Large Use

Rate Description	Metric	Rate
Service Charge	\$	24,647.31
Service Charge Smart Meters	\$	2.00
Distribution Volumetric Rate	\$/kW	1.4742
Low Voltage Volumetric Rate	\$/kW	0.0905
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kW	(0.84790)
Distribution Volumetric Def Var Disp 2011 – effective until Tuesday, April 30, 2013	\$/kW	0.65792
Distribution Volumetric Tax Change – effective until Monday, April 30, 2012	\$/kW	(0.03180)
Retail Transmission Rate – Network Service Rate	\$/kW	2.5697
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.2789
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 connection)	\$	14.57
Distribution Volumetric Rate	\$/kWh	0.0396
Low Voltage Volumetric Rate	\$/kWh	0.0002
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kWh	(0.00170)
Distribution Volumetric Def Var Disp 2011 – effective until Tuesday, April 30, 2013	\$/kWh	0.00116
Distribution Volumetric Tax Change – effective until Monday, April 30, 2012	\$/kWh	(0.00050)
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 Sentinel Lighting

Rate Description	Metric	Rate
Service Charge (per connection)	\$	2.87
Distribution Volumetric Rate	\$/kW	18.9589
Low Voltage Volumetric Rate	\$/kW	0.0570
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kW	(0.73370)
Distribution Volumetric Def Var Disp 2011 – effective until Tuesday, April 30, 2013	\$/kW	0.49441
Distribution Volumetric Tax Change – effective until Monday, April 30, 2012	\$/kW	(0.26670)
Retail Transmission Rate – Network Service Rate	\$/kW	1.6564
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4346
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)	\$	1.87
Distribution Volumetric Rate	\$/kW	14.4684
Low Voltage Volumetric Rate	\$/kW	0.0558
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kW	(0.48560)
Distribution Volumetric Def Var Disp 2011 – effective until Tuesday, April 30, 2013	\$/kW	0.42122
Distribution Volumetric Tax Change – effective until Monday, April 30, 2012	\$/kW	(0.21340)
Retail Transmission Rate – Network Service Rate	\$/kW	1.6479
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4054
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

### Large Use - Regular

Rate Description	Metric	Rate
Service Charge	\$	24,647.31
Service Charge Smart Meters	\$	2.00
Distribution Volumetric Rate	\$/kW	1.4742
Low Voltage Volumetric Rate	\$/kW	0.0905
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kW	(0.27170)
Distribution Volumetric Def Var Disp 2011 – effective until Tuesday, April 30, 2013	\$/kW	(0.05297)
Distribution Volumetric Tax Change – effective until Monday, April 30, 2012	\$/kW	(0.03180)
Retail Transmission Rate – Network Service Rate	\$/kW	2.5697
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.2789
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25



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# **Current and Applied For Loss Factors**

LOSS FACTORS

Current

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0356
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0253
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045



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# Summary of Changes To Service Charge and Distributio

	Fixed	Volumetric
Residential	(\$)	\$/kWh
Current Tariff Distribution Rates	13.66	0.0186
Current Base Distribution Rates	13.66	0.0186
Price Cap Adjustments		
Price Cap Adjustment	0.02	0.0000
Total Price Cap Adjustments	0.02	0.0000
Applied For Base Distribution Rates	13.68	0.0186
Applied For Tariff Distribution Rates	13.68	0.0186
	0.00	0.0000
	Fixed	Volumetric
General Service Less Than 50 kW	(\$)	\$/kWh
Current Tariff Rates	24.48	0.0172
Current Base Distribution Rates	24.48	0.02
Rate Rebalancing Adjustments		
Revenue Cost Ratio	-0.51	-0.0004
Total Rate Rebalancing Adjustments	-0.51	-0.0004
Price Cap Adjustments		
Price Cap Adjustment	0.04	0.0000
Total Price Cap Adjustments	0.04	0.0000
Applied For Base Distribution Rates	24.01	0.0169
Applied For Tariff Distribution Rates	24.01	0.0169
	0.00	0.0000
	Fixed	Volumetric
General Service 50 to 999 kW	(\$)	\$/kW
Current Tariff Rates	140.51	3.5243
Current Base Distribution Rates	140.51	3.52
Price Cap Adjustments		
Price Cap Adjustment	0.25	0.0063
Total Price Cap Adjustments	0.25	0.0063
Applied For Base Distribution Rates	140.76	3.5306
Applied For Tariff Distribution Rates	140.76	3.5306
	0.00	0.0000

	Fixed	Volumetric
General Service 1,000 to 4,999 kW	(\$)	\$/kW
Current Tariff Rates	3,088.84	1.2655
Current Base Distribution Rates	3,088.84	1.27
Price Cap Adjustments		
Price Cap Adjustment	5.56	0.0023
Total Price Cap Adjustments	5.56	0.0023
Applied For Base Distribution Rates	3,094.40	1.2678
Applied For Tariff Distribution Rates	3,094.40	1.2678
	0.00	0.0000

	Fixed	Volumetric
Large Use	(\$)	\$/kW
Current Tariff Rates	25,035.58	1.4974
Current Base Distribution Rates	25,035.58	1.50
Rate Rebalancing Adjustments		
Revenue Cost Ratio	-432.55	-0.0259
Total Rate Rebalancing Adjustments	-432.55	-0.0259
Price Cap Adjustments		
Price Cap Adjustment	44.29	0.0026
Total Price Cap Adjustments	44.29	0.0026
Applied For Base Distribution Rates	24,647.31	1.4742
Applied For Tariff Distribution Rates	24,647.31	1.4742
	0.00	0.0000

	Fixed	Volumetric
Unmetered Scattered Load	(\$)	\$/kWh
Current Tariff Rates	13.57	0.0369
Current Base Distribution Rates	13.57	0.04
Rate Rebalancing Adjustments		
Revenue Cost Ratio	0.97	0.0026
Total Rate Rebalancing Adjustments	0.97	0.0026
Price Cap Adjustments		
Price Cap Adjustment	0.03	0.0001
Total Price Cap Adjustments	0.03	0.0001
Applied For Base Distribution Rates	14.54	0.0395
Applied For Tariff Distribution Rates	14.57	0.0396
-	0.00	0.0000

	Fixed	Volumetric
Sentinel Lighting	(\$)	\$/kW
Current Tariff Rates	2.34	15.4572
Current Base Distribution Rates	2.34	15.46
Rate Rebalancing Adjustments		
Revenue Cost Ratio	0.52	3.4676
Total Rate Rebalancing Adjustments	0.52	3.4676
Price Cap Adjustments		
Price Cap Adjustment	0.01	0.0341
Total Price Cap Adjustments	0.01	0.0341
Applied For Base Distribution Rates	2.87	18.9589
Applied For Tariff Distribution Rates	2.87	18.9589
	0.00	0.0000

	Fixed	Volumetric
Street Lighting	(\$)	\$/kW
Current Tariff Rates	1.62	12.5074
Current Base Distribution Rates	1.62	12.51
Rate Rebalancing Adjustments		
Revenue Cost Ratio	0.25	1.9350
Total Rate Rebalancing Adjustments	0.25	1.9350
Price Cap Adjustments		
Price Cap Adjustment	0.00	0.0260
Total Price Cap Adjustments	0.00	0.0260
Applied For Base Distribution Rates	1.87	14.4684
Applied For Tariff Distribution Rates	1.87	14.4684
	0.00	0.0000

Fixed	Volumetric
(\$)	\$/kW
25,035.58	1.4974
25,035.58	1.50
-432.55	-0.0259
-432.55	-0.0259
44.29	0.0026
44.29	0.0026
24,647.31	1.4742
24,647.31	1.4742
0.00	0.0000
	(\$) 25,035.58 25,035.58 -432.55 -432.55 -432.55 -432.55 -432.55 24,647.31 24,647.31



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# Summary of Changes To Tariff Rate Ad

	Fixed	Volumetric
Residential	(\$)	\$/kWh
Current Tariff Rates Adders		
Smart Meters	1.00	0.0000
Total Current Tariff Rates Adders	1.00	0.0000

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

	Fixed	Volumetric
General Service Less Than 50 kW	(\$)	\$/kWh
Current Tariff Rates Adders		
Smart Meters	1.00	0.0000
Total Current Tariff Rates Adders	1.00	0.0000

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

	Fixed	Volumetric
General Service 50 to 999 kW	(\$)	\$
Current Tariff Rates Adders		
Smart Meters	1.00	0.0000
Total Current Tariff Rates Adders	1.00	0.0000

	Fixed	Volumetric
General Service 50 to 999 kW	(\$)	\$
Proposed Tariff Rates Adders		
Smart Meters	2.00	0.0000
Total Proposed Tariff Rates Adders	2.00	0.0000

	Fixed	Volumetric
General Service 1,000 to 4,999 kW	(\$)	\$/kWh
Current Tariff Rates Adders		
Smart Meters	1.00	0.0000
Total Current Tariff Rates Adders	1.00	0.0000

	Fixed	Volumetric
General Service 1,000 to 4,999 kW	(\$)	0
Proposed Tariff Rates Adders		
Smart Meters	2.00	0.0000
Total Proposed Tariff Rates Adders	2.00	0.0000

	Fixed	Volumetric
Large Use	(\$)	\$/kWh
Current Tariff Rates Adders		
Smart Meters	1.00	0.0000
Total Current Tariff Rates Adders	1.00	0.0000

	Fixed	Volumetric
Large Use	(\$)	0
Proposed Tariff Rates Adders		
Smart Meters	2.00	0.0000
Total Proposed Tariff Rates Adders	2.00	0.0000

	Fixed	Volumetric
Unmetered Scattered Load	(\$)	0
Current Tariff Rates Adders		
Total Current Tariff Rates Adders	0.00	0.0000

	Fixed	Volumetric
Unmetered Scattered Load	(\$)	\$/kW
Proposed Tariff Rates Adders		
Total Proposed Tariff Rates Adders	0.00	0.0000

	Fixed	Volumetric
Sentinel Lighting	(\$)	\$/kW
Current Tariff Rates Adders		
Total Current Tariff Rates Adders	0.00	0.0000

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

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

	Fixed	Volumetric
Street Lighting	(\$)	\$
Proposed Tariff Rates Adders		
Total Proposed Tariff Rates Adders	0.00	0.0000

	Fixed	Volumetric
Large Use - Regular	(\$)	\$
Current Tariff Rates Adders		
Smart Meters	1.00	0.0000
Total Current Tariff Rates Adders	1.00	0.0000

	Fixed	Volumetric
Large Use - Regular	(\$)	\$/kW
Proposed Tariff Rates Adders		
Smart Meters	2.00	0.0000
Total Proposed Tariff Rates Adders	2.00	0.0000



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Bluewater Power Distribution Corporation EB-2010-0065 Sunday, May 01, 2011

# Summary of Changes To Tariff Rate Riders

	Fixed	Volumetric
Residential	(\$)	\$/kWh
Current Tariff Rates Riders		
Def Var Disp 2009	0.00	-0.0014
Def Var Disp 2010	0.00	-0.0016
Total Current Tariff Rates Riders	0.00	-0.0030

	Fixed	Volumetric
Residential	(\$)	\$/kWh
Proposed Tariff Rates Riders		
Def Var Disp 2010	0.00	-0.0016
Def Var Disp 2011	0.00	0.0012
Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery	0.00	0.0004
Tax Change	0.00	-0.0003
Total Proposed Tariff Rates Riders	0.00	-0.0003

	Fixed	Volumetric
General Service Less Than 50 kW	(\$)	\$/kWh
Current Tariff Rates Riders		
Def Var Disp 2009	0.00	-0.0017
Def Var Disp 2010	0.00	-0.0015
Total Current Tariff Rates Riders	0.00	-0.0032

	Fixed	Volumetric
General Service Less Than 50 kW	(\$)	\$
Proposed Tariff Rates Riders		
Def Var Disp 2010	0.00	-0.0015
Def Var Disp 2011	0.00	0.0012
Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery	0.00	0.0001
Tax Change	0.00	-0.0002
Total Proposed Tariff Rates Riders	0.00	-0.0005

	Fixed	Volumetric
General Service 50 to 999 kW	(\$)	\$
Current Tariff Rates Riders		
Def Var Disp 2009	0.00	-0.7366
Def Var Disp 2010	0.00	-0.4975

Total Current Tariff Rates Riders	0.00	-1.2341

	Fixed	Volumetric
General Service 50 to 999 kW	(\$)	\$
Proposed Tariff Rates Riders		
Def Var Disp 2010	0.00	-0.4975
Def Var Disp 2011	0.00	0.4186
Tax Change	0.00	-0.0415
Total Proposed Tariff Rates Riders	0.00	-0.1204

O1.3 Sum of Tariff Rate Rider

	Fixed	Volumetric
General Service 1,000 to 4,999 kW	(\$)	\$/kWh
Current Tariff Rates Riders		
Def Var Disp 2009	0.00	-0.9688
Def Var Disp 2010	0.00	-0.5536
Total Current Tariff Rates Riders	0.00	-1.5224

	Fixed	Volumetric
General Service 1,000 to 4,999 kW	(\$)	0
Proposed Tariff Rates Riders		
Def Var Disp 2010	0.00	-0.5536
Def Var Disp 2011	0.00	0.5237
Tax Change	0.00	-0.0245
Total Proposed Tariff Rates Riders	0.00	-0.0544

	Fixed	Volumetric
Large Use	(\$)	\$/kWh
Current Tariff Rates Riders		
Def Var Disp 2009	0.00	-1.4516
Def Var Disp 2010	0.00	-0.8479
Total Current Tariff Rates Riders	0.00	-2.2995

	Fixed	Volumetric
Large Use	(\$)	0
Proposed Tariff Rates Riders		
Def Var Disp 2010	0.00	-0.8479
Def Var Disp 2011	0.00	0.6579
Tax Change	0.00	-0.0318
Total Proposed Tariff Rates Riders	0.00	-0.2218

	Fixed	Volumetric
Unmetered Scattered Load	(\$)	0
Current Tariff Rates Riders		
Def Var Disp 2009	0.00	-0.0013
Def Var Disp 2010	0.00	-0.0017
Total Current Tariff Rates Riders	0.00	-0.0030

	Fixed	Volumetric
Unmetered Scattered Load	(\$)	\$/kW
Proposed Tariff Rates Riders		
Def Var Disp 2010	0.00	-0.0017
Def Var Disp 2011	0.00	0.0012
Tax Change	0.00	-0.0005
Total Proposed Tariff Rates Riders	0.00	-0.0010

	Fixed	Volumetric
Sentinel Lighting	(\$)	\$/kW
Current Tariff Rates Riders		
Def Var Disp 2009	0.00	-0.6011
Def Var Disp 2010	0.00	-0.7337
Total Current Tariff Rates Riders	0.00	-1.3348

	Fixed	Volumetric
Sentinel Lighting	(\$)	0
Proposed Tariff Rates Riders		
Def Var Disp 2010	0.00	-0.7337
Def Var Disp 2011	0.00	0.4944
Tax Change	0.00	-0.2667
Total Proposed Tariff Rates Riders	0.00	-0.5060

O1.3 Sum of Tariff Rate Rider

	Fixed	Volumetric
Street Lighting	(\$)	0
Current Tariff Rates Riders		
Def Var Disp 2009	0.00	-0.5189
Def Var Disp 2010	0.00	-0.4856
Total Current Tariff Rates Riders	0.00	-1.0045

	Fixed	Volumetric
Street Lighting	(\$)	\$
Proposed Tariff Rates Riders		
Def Var Disp 2010	0.00	-0.4856
Def Var Disp 2011	0.00	0.4212
Tax Change	0.00	-0.2134
Total Proposed Tariff Rates Riders	0.00	-0.2778

	Fixed	Volumetric
Large Use - Regular	(\$)	\$
Current Tariff Rates Riders		
Def Var Disp 2009	0.00	-1.4516
Def Var Disp 2010	0.00	-0.2717
Total Current Tariff Rates Riders	0.00	-1.7233

	Fixed	Volumetric
Large Use - Regular	(\$)	\$/kW
Proposed Tariff Rates Riders		
Def Var Disp 2010	0.00	-0.2717
Def Var Disp 2011	0.00	-0.0530
Tax Change	0.00	-0.0318
Total Proposed Tariff Rates Riders	0.00	-0.3565

O1.3 Sum of Tariff Rate Rider



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# **Calculation of Bill Impacts**

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

### **Residential**

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	13.66	13.68
Service Charge Rate Adder(s)	\$	1.00	2.00
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0186	0.0186
Distribution Volumetric Rate Adder(s)	\$/kWh	-	-
Low Voltage Volumetric Rate	\$/kWh	0.0002	0.0002
Distribution Volumetric Rate Rider(s)	\$/kWh	- 0.0030	- 0.0003
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0060	0.0059
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0053	0.0051
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

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Consumption	13,000,000	kWh	25,000	kW		Loss Factor	1.0253		
RPP Tier One	750	kWh	Load Factor	71.3%					
Residential	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%	0.00%
Energy Second Tier (kWh)	13,328,151	0.0750	999,611.33	13,328,151	0.0750	999,611.33	0.00	0.0%	74.75%
Sub-Total: Energy			999,660.08			999,660.08	0.00	0.0%	74.76%
Service Charge	1	13.66	13.66	1	13.68	13.68	0.02	0.1%	0.00%
Service Charge Rate Adder(s)	1	1.00	1.00	1	2.00	2.00	1.00	100.0%	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	25,000	0.0186	465.00	25,000	0.0186	465.00	0.00	0.0%	0.03%
Distribution Volumetric Rate Adder(s)	25,000	0.0000	0.00	25,000	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	25,000	0.0002	5.00	25,000	0.0002	5.00	0.00	0.0%	0.00%
Distribution Volumetric Rate Rider(s)	25,000	-0.0030	-75.00	25,000	-0.0003	-7.50	67.50	(90.0)%	0.00%
Total: Distribution			409.66			478.18	68.52	16.7%	0.04%
Retail Transmission Rate – Network Service Rate	25,000	0.0060	150.00	25,000	0.0059	147.50	-2.50	(1.7)%	0.01%
Retail Transmission Rate – Line and Transformation Connection Service Rate	25,000	0.0053	132.50	25,000	0.0051	127.50	-5.00	(3.8)%	0.01%
Retail Transmission Rate – Low Voltage Volumetric Rate	25,000	0.0000	0.00	25,000	0.0000	0.00	0.00	0.0%	0.00%
Total: Retail Transmission			282.50			275.00	-7.50	(2.7)%	0.02%
Sub-Total: Delivery (Distribution and Retail Transmission)			692.16			753.18	61.02	8.8%	0.06%
Wholesale Market Service Rate	13,328,901	0.0052	69,310.29	13,328,901	0.0052	69,310.29	0.00	0.0%	5.18%
Rural Rate Protection Charge	13,328,901	0.0013	17,327.57	13,328,901	0.0013	17,327.57	0.00	0.0%	1.30%
Special Purpose Charge	13,328,901	0.0004	5,331.56	13,328,901	0.0004	5,331.56	0.00	0.0%	0.40%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.00%
Sub-Total: Pagulatory			01 060 67			01 060 67	0.00	0.0%	6 88%

Consumption	13,000,000	kWh	25,000	kW		Loss Factor	1.0253		
RPP Tier One	750	kWh	Load Factor	71.3%					
Residential	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%	0.00%
Energy Second Tier (kWh)	13,328,151	0.0750	999,611.33	13,328,151	0.0750	999,611.33	0.00	0.0%	74.75%
Sub-Total: Energy			999,660.08			999,660.08	0.00	0.0%	74.76%
Service Charge	1	13.66	13.66	1	13.68	13.68	0.02	0.1%	0.00%
Service Charge Rate Adder(s)	1	1.00	1.00	1	2.00	2.00	1.00	100.0%	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	25,000	0.0186	465.00	25,000	0.0186	465.00	0.00	0.0%	0.03%
Distribution Volumetric Rate Adder(s)	25,000	0.0000	0.00	25,000	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	25,000	0.0002	5.00	25,000	0.0002	5.00	0.00	0.0%	0.00%
Distribution Volumetric Rate Rider(s)	25,000	-0.0030	-75.00	25,000	-0.0003	-7.50	67.50	(90.0)%	0.00%
Total: Distribution			409.66			478.18	68.52	16.7%	0.04%
Retail Transmission Rate – Network Service Rate	25,000	0.0060	150.00	25,000	0.0059	147.50	-2.50	(1.7)%	0.01%
Retail Transmission Rate – Line and Transformation Connection Service Rate	25,000	0.0053	132.50	25,000	0.0051	127.50	-5.00	(3.8)%	0.01%
Retail Transmission Rate – Low Voltage Volumetric Rate	25,000	0.0000	0.00	25,000	0.0000	0.00	0.00	0.0%	0.00%
Total: Retail Transmission			282.50			275.00	-7.50	(2.7)%	0.02%
Sub-Total: Delivery (Distribution and Retail Transmission)			692.16			753.18	61.02	8.8%	0.06%
Wholesale Market Service Rate	13,328,901	0.0052	69,310.29	13,328,901	0.0052	69,310.29	0.00	0.0%	5.18%
Rural Rate Protection Charge	13,328,901	0.0013	17,327.57	13,328,901	0.0013	17,327.57	0.00	0.0%	1.30%
Special Purpose Charge	13,328,901	0.0004	5,331.56	13,328,901	0.0004	5,331.56	0.00	0.0%	0.40%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.00%
Sub-Total: Regulatory			91,969.67			91,969.67	0.00	0.0%	6.88%
Debt Retirement Charge (DRC)	13,000,000	0.00700	91,000.00	13,000,000	0.00700	91,000.00	0.00	0.0%	6.81%
Total Bill before Taxes			1,183,321.91			1,183,382.93	61.02	0.0%	88.50%
HST	1,183,321.91	13%	153,831.85	1,183,382.93	13%	153,839.78	7.93	0.0%	11.50%
Total Bill			1,337,153.76			1,337,222.71	68.95	0.0%	100.00%

Rate Class Threshold Test						
Residential		2 600 000	E 000 000	12 000 000	20,000,000	20,000,000
	kWh	2,600,000	5,000,000 5,126,501	13,000,000 12,228,001	20,000,000	26,000,000
	Loss Factor Adjusted kWh	2,665,781	5,126,501	13,328,901	20,506,001	26,657,801
	kW Load Faster	5,000	10,000	25,000	40,000	50,000
	Load Factor	71.3%	68.5%	71.3%	68.5%	71.3%
Energy						
	Applied For Bill		. ,			\$ 1,999,327.6
	Current Bill		, , ,		\$ 1,537,942.64	
	\$ Impact _ % Impact	<u>\$-</u> 0.0%	<u>\$-\$</u> 0.0%	- 0.0%	\$- 0.0%	<u>+</u> -0.0
	% of Total Bill	74.8%	74.8%	74.8%	74.8%	74.8
Distribution	Applied For Bill	\$ 107.98	\$ 200.28 \$	477.18	\$ 754.08	\$ 938.6
	Current Bill				\$ 646.66	
	\$ Impact					
	% Impact	15.3%	16.0%	16.5%	16.6%	16.7
	% of Total Bill	0.0%	0.0%	0.0%	0.0%	0.0
Retail Transmission						
	Applied For Bill					
	Current Bill				\$ 452.00	
	\$ Impact <u>-</u> % Impact	<u>\$1.50-</u> -2.7%	<u>\$ 3.00 -\$</u> -2.7%	7.50	<u>-\$ 12.00 -</u> -2.7%	<u>\$ 15.0</u> -2.7
	% of Total Bill	0.0%	0.0%	0.0%	0.0%	-2.7
Delivery (Distribution and Retail Transmission)	Applied For Bill	\$ 162.98	\$ 310.28 \$	752.18	\$ 1,194.08	\$ 1,488.6
	Current Bill				\$ 1,098.66	
	\$ Impact					· · ·
	% Impact % of Total Bill	8.5% 0.1%	8.6%	8.7% 0.1%	8.7%	8.7 0.1
		0.1%	0.1%	0.1%	0.1%	0.1
Regulatory						
	Applied For Bill					
	Current Bill \$ Impact		<u>\$35,373.11</u> \$-\$			<u>\$ 183,939.0</u> \$ -
	% Impact	<u> </u>	<u> </u>	0.0%	• <u>-</u> 0.0%	<del>ہے۔</del> 0.0
	% of Total Bill	6.9%	6.9%	6.9%	6.9%	6.9
Daht Batizamant Charge						
Debt Retirement Charge	Applied For Bill	\$ 18,200.00	\$ 35,000.00 \$	91,000.00	\$ 140,000.00	\$ 182,000.0
	Current Bill					
	\$ Impact		\$-\$		Ŧ	\$-
	% Impact	0.0%	0.0%	0.0%	0.0%	0.0
	% of Total Bill	6.8%	6.8%	6.8%	6.8%	6.8
GST						
	Applied For Bill					
	Current Bill					
	\$ Impact <u>-</u> % Impact	<u>\$ 1.67 3</u> 0.0%	\$ <u>3.20</u> \$ 0.0%	7.80	\$ <u>12.41</u> 0.0%	<u>\$ 15.4</u> 0.0
	% of Total Bill	11.5%	11.5%	11.5%	11.5%	11.5
Total Bill	Applied For Bill	\$ 267,452.02	<mark>\$ 514,334.73 \$</mark>	1,337,221.61	\$ 2,057,310.07	<b>\$ 2,674,433.6</b>
	Current Bill				\$ 2,057,202.24	
	\$ Impact	\$ 14.49	\$ 27.82 \$		\$ 107.83	\$ 134.49
	% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
	Rounding Applied			-1.100000		
	Rounding Current			0.030000		

Rounding Current

0.030000



# **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:Bluewater Power Distribution CorporationFile Number:EB-2010-0065Effective Date:Sunday, May 01, 2011Version : 1.9

# **Current and Applied For Specific Service Charges**

Customer Administration	Metric	Current
Duplicate invoices for previous billing	\$	15.00
Income tax letter	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	10.00
Returned cheque charge (plus bank charges)	\$	15.00
Special meter reads	\$	30.00
	\$	
	\$	
	\$	
	\$	
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Non Developt of Account	\$ Matria	O and t
Non-Payment of Account	Metric	Current
Late Payment - per month	%	1.50
Late Payment - per annum	% ¢	19.56
Collection of account charge - no disconnection	\$	30.00
Disconnect/Reconnect at meter - during regular hours	\$ ¢	65.00
Disconnect/Reconnect at meter - after regular hours	\$	185.00
	\$	
	\$ \$	
	<b>\$</b>	
	\$	
	\$	

Other	Metric	Current
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35
Specific Charge for Bell Canada Access to the Power Poles - per pole/year Note: Specific Charge for	\$	
	\$	
	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
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Name of LDC: File Number: Effective Date: Version : 1.9

Bluewater Power Distribution Corporation EB-2010-0065 Sunday, May 01, 2011

# **Current and Applied For Retail Service Charges**

Retail Service Charges (if applicable) Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity	Metric	Current
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

# Tab 9 Current and Proposed Rates

### Bluewater Power Distribution Corporation CURRENT TARIFF OF RATES AND CHARGES

CURRENT MONTHLY RATES AND CHARGES

# Residential

### Monthly Rates and Charges - Delivery Component

Service Charge	\$
Service Charge Smart Meters	\$
Distribution Volumetric Rate	\$/kWh
Low Voltage Volumetric Rate	\$/kWh
Distribution Volumetric Def Var Disp 2009 – effective until Saturday, April 30, 2011	\$/kWh
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kWh
Retail Transmission Rate – Network Service Rate	\$/kWh
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kWh
Retail Transmission Rate – Network Service Rate	\$/kWh
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh

### Monthly Rates and Charges - Regulatory Component

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

## **General Service Less Than 50 kW**

### Monthly Rates and Charges - Delivery Component

Service Charge	\$
Service Charge Smart Meters	\$
Distribution Volumetric Rate	\$/kWh
Low Voltage Volumetric Rate	\$/kWh
Distribution Volumetric Def Var Disp 2009 – effective until Saturday, April 30, 2011	\$/kWh
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kWh
Retail Transmission Rate – Network Service Rate	\$/kWh
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh

### Monthly Rates and Charges - Regulatory Component

Wholesale Market Service Rate\$/kWhRural Rate Protection Charge\$/kWhStandard Supply Service – Administrative Charge (if applicable)\$

13.66 1.00 0.0186 0.0002 (0.0014) (0.0016) 0.0060 0.0053

0.0052 0.0013 0.25

24.48 1.00 0.0172 0.0002 (0.0017) (0.0015) 0.0055 0.0047

# General Service 50 to 999 kW

### Monthly Rates and Charges - Delivery Component

Service Charge	\$
Service Charge Smart Meters	\$
Distribution Volumetric Rate	\$/kW
Low Voltage Volumetric Rate	\$/kW
Distribution Volumetric Def Var Disp 2009 – effective until Saturday, April 30, 2011	\$/kW
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kW
Retail Transmission Rate – Network Service Rate	\$/kW
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW

### Monthly Rates and Charges - Regulatory Component

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

# General Service 1,000 to 4,999 kW

### Monthly Rates and Charges - Delivery Component

Service Charge	\$
Service Charge Smart Meters	\$
Distribution Volumetric Rate	\$/kW
Low Voltage Volumetric Rate	\$/kW
Distribution Volumetric Def Var Disp 2009 – effective until Saturday, April 30, 2011	\$/kW
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kW
Retail Transmission Rate – Network Service Rate	\$/kW
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW

### Monthly Rates and Charges - Regulatory Component

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

140.51 1.00 3.5243 0.0722 (0.7366) (0.4975) 2.2326 1.8765

0.0052 0.0013 0.25

3,088.84 1.00 1.2655 0.0792 (0.9688) (0.5536) 2.3712 2.0571

# Large Use

### Monthly Rates and Charges - Delivery Component

Service Charge	\$
Service Charge Smart Meters	\$
Distribution Volumetric Rate	\$/kW
Low Voltage Volumetric Rate	\$/kW
Distribution Volumetric Def Var Disp 2009 – effective until Saturday, April 30, 2011	\$/kW
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kW
Retail Transmission Rate – Network Service Rate	\$/kW
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW

### Monthly Rates and Charges - Regulatory Component

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

# **Unmetered Scattered Load**

### Monthly Rates and Charges - Delivery Component

### Monthly Rates and Charges - Regulatory Component

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

25,035.58 1.00 1.4974 0.0905 (1.4516) (0.8479) 2.6255 2.3524

> 0.0052 0.0013 0.25

13.57 0.0369 0.0002 (0.0013) (0.0017) 0.0055 0.0047

# **Sentinel Lighting**

### Monthly Rates and Charges - Delivery Component

Service Charge (per connection)	\$
Distribution Volumetric Rate	\$/kW
Low Voltage Volumetric Rate	\$/kW
Distribution Volumetric Def Var Disp 2009 – effective until Saturday, April 30, 2011	\$/kW
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kW
Retail Transmission Rate – Network Service Rate	\$/kW
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW

### Monthly Rates and Charges - Regulatory Component

# **Street Lighting**

### Monthly Rates and Charges - Delivery Component

Service Charge (per connection)	\$
Distribution Volumetric Rate	\$/kW
Low Voltage Volumetric Rate	\$/kW
Distribution Volumetric Def Var Disp 2009 – effective until Saturday, April 30, 2011	\$/kW
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kW
Retail Transmission Rate – Network Service Rate	\$/kW
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW

### Monthly Rates and Charges - Regulatory Component

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

2.34 15.4572 0.0570 (0.6011) (0.7337) 1.6923 1.4809

> 0.0052 0.0013 0.25

1.62 12.5074 0.0558 (0.5189) (0.4856) 1.6837 1.4507

# Large Use - WMP

### Monthly Rates and Charges - Delivery Component

Service Charge	\$
Service Charge Smart Meters	\$
Distribution Volumetric Rate	\$/kW
Low Voltage Volumetric Rate	\$/kW
Distribution Volumetric Def Var Disp 2009 – effective until Saturday, April 30, 2011	\$/kW
Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012	\$/kW
Retail Transmission Rate – Network Service Rate	\$/kW
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW

### Monthly Rates and Charges - Regulatory Component

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

### microFIT Generator

Service Charge

\$

25,035.58 1.00 1.4974 0.0905 (1.4516) (0.2717) 2.6255 2.3524

> 0.0052 0.0013 0.25

> > 5.25

### CURRENT SPECIFIC SERVICE CHARGES

### **Customer Administration**

Customer Administration	
Duplicate invoices for previous billing	\$
Income tax letter	\$
Legal letter charge	\$
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$
Returned cheque charge (plus bank charges)	\$
Special meter reads	\$
Non-Payment of Account	
Late Payment - per month	%
Late Payment - per annum	%
Collection of account charge - no disconnection	\$
Disconnect/Reconnect at meter - during regular hours	\$
Disconnect/Reconnect at meter - after regular hours	\$
Other	
Specific Charge for Access to the Power Poles \$/pole/year	\$
Specific Charge for Bell Canada Access to the Power Poles - per pole/year Note: Specific Charge for Bell Canada Access to the Power Poles is valid only until the existing join	nt∙\$

#### Allowances

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

### **Current Retail Service Charges (if applicable)**

#### Retail Service Charges (if applicable)

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 \$ \$ Monthly Fixed Charge, per retailer Monthly Variable Charge, per customer, per retailer \$/cust. Distributor-consolidated billing charge, per customer, per retailer \$/cust. Retailer-consolidated billing credit, per customer, per retailer \$/cust. Service Transaction Requests (STR) \$ Request fee, per request, applied to the requesting party \$ Processing fee, per request, applied to the requesting party 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 More than twice a year, per request (plus incremental delivery costs) \$

### LOSS FACTORS

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

15.00 15.00 15.00 10.00 15.00 30.00	
1.50 19.56 30.00 65.00 185.00	
22.35	
(0.60) (1.00)	
100.00 20.00 0.50 0.30 (0.30)	
0.25 0.50	
no charge 2.00	
1.0356 1.0145 1.0253 1.0045	

1.0045

### **Bluewater Power Distribution Corporation**

TARIFF OF RATES AND CHARGES Effective Sunday, May 01, 2011

MONTHLY RATES AND CHARGES

# **Applied For Monthly Rates and Charges**

# Residential

### **Monthly Rates and Charges - Electricity Component**

Rate Rider for Global Adjustment Sub-Account Disposition (2011) - Effective until Tuesday, April 30, 2013 Applicable only for Non-RPP Customers

### Monthly Rates and Charges - Delivery Component

Service Charge Smart Meters Distribution Volumetric Rate Low Voltage Volumetric Rate Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012 Distribution Volumetric Def Var Disp 2011 – effective until Tuesday, April 30, 2013 Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery – effective until Tuesday, April 30, 2013 Distribution Volumetric Tax Change – effective until Monday, April 30, 2012 Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate

### Monthly Rates and Charges - Regulatory Component

Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)

#### EB-2010-0065

\$/kWh	0.00256
\$	13.68
\$	2.00
\$/kWh	0.0186
\$/kWh	0.0002
\$/kWh	(0.0016)
\$/kWh	0.00116
\$/kWh	0.0004
\$/kWh	(0.0003)
\$/kWh	0.0059
\$/kWh	0.0051
\$/kWh	0.0052
\$/kWh	0.0013
\$	0.25

# **General Service Less Than 50 kW**

#### Monthly Rates and Charges - Electricity Component

Rate Rider for Global Adjustment Sub-Account Disposition (2011) - Effective until Tuesday, April 30, 2013 Applicable only for Non-RPP Customers

### **Monthly Rates and Charges - Delivery Component**

Service Charge Service Charge Smart Meters Distribution Volumetric Rate Low Voltage Volumetric Rate Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012 Distribution Volumetric Def Var Disp 2011 – effective until Tuesday, April 30, 2013 Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery – effective until Tuesday, April 30, 2013 Distribution Volumetric Tax Change – effective until Monday, April 30, 2012 Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate

### Monthly Rates and Charges - Regulatory Component

Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)

# General Service 50 to 999 kW

### Monthly Rates and Charges - Electricity Component

Rate Rider for Global Adjustment Sub-Account Disposition (2011) - Effective until Tuesday, April 30, 2013 Applicable only for Non-RPP Customers

### **Monthly Rates and Charges - Delivery Component**

Service Charge Service Charge Smart Meters Distribution Volumetric Rate Low Voltage Volumetric Rate Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012 Distribution Volumetric Def Var Disp 2011 – effective until Tuesday, April 30, 2013 Distribution Volumetric Tax Change – effective until Monday, April 30, 2012 Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate

### Monthly Rates and Charges - Regulatory Component

Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)

\$/kWh	0.00256
\$ \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh \$/kWh	24.01 2.00 0.0169 0.0002 (0.0015) 0.00115 0.0001 (0.0002) 0.0054 0.0046
\$/kWh \$/kWh \$	0.0052 0.0013 0.25
\$/kWh	0.00256
\$ \$/kW \$/kW \$/kW \$/kW \$/kW \$/kW \$/kW	140.76 2.00 3.5306 0.0722 (0.4975) 0.41856 (0.0415) 2.1852 1.8179
\$/kWh \$/kWh \$	0.0052 0.0013 0.25

# General Service 1,000 to 4,999 kW

#### Monthly Rates and Charges - Electricity Component

Rate Rider for Global Adjustment Sub-Account Disposition (2011) - Effective until Tuesday, April 30, 2013 Applicable only for Non-RPP Customers

### Monthly Rates and Charges - Delivery Component

Service Charge Service Charge Smart Meters Distribution Volumetric Rate Low Voltage Volumetric Rate Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012 Distribution Volumetric Def Var Disp 2011 – effective until Tuesday, April 30, 2013 Distribution Volumetric Tax Change – effective until Monday, April 30, 2012 Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate

### Monthly Rates and Charges - Regulatory Component

Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)

# Large Use

### **Monthly Rates and Charges - Electricity Component**

Rate Rider for Global Adjustment Sub-Account Disposition (2011) - Effective until Tuesday, April 30, 2013 Applicable only for Non-RPP Customers

### **Monthly Rates and Charges - Delivery Component**

Service Charge Service Charge Smart Meters Distribution Volumetric Rate Low Voltage Volumetric Rate Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012 Distribution Volumetric Def Var Disp 2011 – effective until Tuesday, April 30, 2013 Distribution Volumetric Tax Change – effective until Monday, April 30, 2012 Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate

### **Monthly Rates and Charges - Regulatory Component**

Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)

\$/kWh	0.00256
\$ \$/kW \$/kW \$/kW \$/kW \$/kW \$/kW \$/kW	3,094.40 2.00 1.2678 0.0792 (0.5536) 0.52372 (0.0245) 2.3208 1.9928
\$/kWh \$/kWh \$	0.0052 0.0013 0.25
\$/kWh	0.00256
\$ \$/kW \$/kW \$/kW \$/kW \$/kW \$/kW \$/kW	24,647.31 2.00 1.4742 0.0905 (0.8479) 0.65792 (0.0318) 2.5697 2.2789
\$/kWh \$/kWh \$	0.0052 0.0013 0.25

# **Unmetered Scattered Load**

### Monthly Rates and Charges - Electricity Component

Rate Rider for Global Adjustment Sub-Account Disposition (2011) - Effective until Tuesday, April 30, 2013 Applicable only for Non-RPP Customers

### **Monthly Rates and Charges - Delivery Component**

Service Charge (per connection) Distribution Volumetric Rate Low Voltage Volumetric Rate Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012 Distribution Volumetric Def Var Disp 2011 – effective until Tuesday, April 30, 2013 Distribution Volumetric Tax Change – effective until Monday, April 30, 2012 Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate

### Monthly Rates and Charges - Regulatory Component

Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)

# **Sentinel Lighting**

### **Monthly Rates and Charges - Electricity Component**

Rate Rider for Global Adjustment Sub-Account Disposition (2011) - Effective until Tuesday, April 30, 2013 Applicable only for Non-RPP Customers

### Monthly Rates and Charges - Delivery Component

Service Charge (per connection) Distribution Volumetric Rate Low Voltage Volumetric Rate Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012 Distribution Volumetric Def Var Disp 2011 – effective until Tuesday, April 30, 2013 Distribution Volumetric Tax Change – effective until Monday, April 30, 2012 Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate

### Monthly Rates and Charges - Regulatory Component

Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)

\$/kWh	0.00256
\$	14.57
\$/kWh	0.0396
\$/kWh	0.0002
\$/kWh	(0.0017)
\$/kWh	0.00116
\$/kWh	(0.0005)
\$/kWh	0.0054
\$/kWh	0.0046
\$/kWh	0.0052
\$/kWh	0.0013
\$	0.25
\$/kWh	0.00256
\$ \$/kW \$/kW \$/kW \$/kW \$/kW \$/kW	2.87 18.9589 0.0570 (0.7337) 0.49441 (0.2667) 1.6564 1.4346
\$/kWh	0.0052
\$/kWh	0.0013
\$	0.25

# **Street Lighting**

### **Monthly Rates and Charges - Electricity Component**

Rate Rider for Global Adjustment Sub-Account Disposition (2011) - Effective until Tuesday, April 30, 2013 Applicable only for Non-RPP Customers

### Monthly Rates and Charges - Delivery Component

Service Charge (per connection) Distribution Volumetric Rate Low Voltage Volumetric Rate Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012 Distribution Volumetric Def Var Disp 2011 – effective until Tuesday, April 30, 2013 Distribution Volumetric Tax Change – effective until Monday, April 30, 2012 Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate

#### Monthly Rates and Charges - Regulatory Component

Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)

## Large Use - WMP

### **Monthly Rates and Charges - Delivery Component**

Service Charge Service Charge Smart Meters Distribution Volumetric Rate Low Voltage Volumetric Rate Distribution Volumetric Def Var Disp 2010 – effective until Monday, April 30, 2012 Distribution Volumetric Def Var Disp 2011 – effective until Tuesday, April 30, 2013 Distribution Volumetric Tax Change – effective until Monday, April 30, 2012 Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate

### Monthly Rates and Charges - Regulatory Component

Wholesale Market Service Rate Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)

### microFIT Generator

Service Charge

\$/kWh	0.00256
\$	1.87
\$/kW	14.4684
\$/kW	0.0558
\$/kW	(0.4856)
\$/kW	0.42122
\$/kW	(0.2134)
\$/kW	1.6479
\$/kW	1.4054
\$/kWh	0.0052
\$/kWh	0.0013
\$	0.25

\$	24,647.31
\$	2.00
\$/kW	1.4742
\$/kW	0.0905
\$/kW	(0.2717)
\$/kW	(0.05297)
\$/kW	(0.0318)
\$/kW	2.5697
\$/kW	2.2789
\$/kWh	0.0052
\$/kWh	0.0013

<i>γ</i> /κνπ	0.0032
\$/kWh	0.0013
\$	0.25

### Specific Service Charges Customer Administration

Duplicate invoices for previous billing Income tax letter Legal letter charge Account set up charge/change of occupancy charge (plus credit agency costs if applicable) Returned cheque charge (plus bank charges) Special meter reads **Non-Payment of Account** Late Payment - per month Late Payment - per annum Collection of account charge - no disconnection Disconnect/Reconnect at meter - during regular hours Disconnect/Reconnect at meter - after regular hours

### Other

Specific Charge for Access to the Power Poles \$/pole/year Specific Charge for Bell Canada Access to the Power Poles - per pole/year Note: Specific Charge for Bell Canada Access to the Power Poles is valid only until the existing joint-use agree

### Allowances

Transformer Allowance for Ownership - per kW of billing demand/month Primary Metering Allowance for transformer losses - applied to measured demand and energy

### Retail Service Charges (if applicable)

### **Retail Service Charges (if applicable)**

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

Monthly Fixed Charge, per retailer

Monthly Variable Charge, per customer, per retailer

Distributor-consolidated billing charge, per customer, per retailer

Retailer-consolidated billing credit, per customer, per retailer

### Service Transaction Requests (STR)

Request fee, per request, applied to the requesting party

Processing fee, per request, applied to the requesting party

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

More than twice a year, per request (plus incremental delivery costs)

### LOSS FACTORS

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

\$	15.00
\$	15.00
\$	15.00
\$	10.00
\$	15.00
\$	30.00
%	1.50
%	19.56
\$	30.00
\$	65.00
\$	185.00
\$	22.35
\$	

\$/kW	(0.60)
%	(1.00)

\$	100.00
\$	20.00
\$/cust.	0.50
\$/cust.	0.30
\$/cust.	(0.30)
\$	0.25
\$	0.50

no charge
\$ 2.00

1	.0356
1	.0145
1	.0253
1	.0045

# Tab 10 Proposed Bill Impacts

Name of LDC:	Bluewater Power Distribution Corporation
File Number:	EB-2010-0065
Effective Date:	Sunday, May 01, 2011
Version : 1.9	

### **Residential**

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate						
Service Charge	\$	13.66	13.68						
Service Charge Rate Adder(s)	\$	1.00	2.00						
Service Charge Rate Rider(s)	\$	-	-						
Distribution Volumetric Rate	\$/kWh	0.0186	0.0186						
Distribution Volumetric Rate Adder(s)	\$/kWh	-	-						
Low Voltage Volumetric Rate	\$/kWh	0.0002	0.0002						
Distribution Volumetric Rate Rider(s)	\$/kWh	- 0.0030	- 0.0003						
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0060	0.0059						
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0053	0.0051						
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	800	kWh	0	kW		Loss Factor	1.0356		
RPP Tier One	600	kWh	Load Factor						
Desidential		RATE	CHARGE		RATE	CHARGE	•		% of Total
Residential	Volume	\$	\$	Volume	\$	\$	\$	%	Bill
Energy First Tier (kWh)	600	0.0650	39.00	600	0.0650	39.00	0.00	0.0%	32.15%
Energy Second Tier (kWh)	229	0.0750	17.18	229	0.0750	17.18	0.00	0.0%	14.16%
Sub-Total: Energy			56.18			56.18	0.00	0.0%	<b>46.31%</b>
Service Charge	1	13.66	13.66	1	13.68	13.68	0.02	0.1%	11.28%
Service Charge Rate Adder(s)	1	1.00	1.00	1	2.00	2.00	1.00	100.0%	1.65%
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	0.0186	14.88	800	0.0186	14.88	0.00	0.0%	12.27%
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	0.0002	0.16	800	0.0002	0.16	0.00	0.0%	0.13%
Distribution Volumetric Rate Rider(s)	800	-0.0030	-2.40	800	-0.0003	-0.24	2.16	(90.0)%	-0.20%
Total: Distribution			27.30			30.48	3.18	11.6%	25.13%
Retail Transmission Rate – Network Service Rate	829	0.0060	4.97	829	0.0059	4.89	-0.08	(1.6)%	4.03%
Retail Transmission Rate – Line and Transformation Connection Service Rate	829	0.0053	4.39	829	0.0051	4.23	-0.16	(3.6)%	3.49%
Total: Retail Transmission			9.36			9.12	-0.24	(2.6)%	7.52%
Sub-Total: Delivery (Distribution and Retail Transmission)			36.66			39.60	2.94	8.0%	32.64%
Wholesale Market Service Rate	829	0.0052	4.31	829	0.0052	4.31	0.00	0.0%	3.55%
Rural Rate Protection Charge	829	0.0013	1.08	829	0.0013	1.08	0.00	0.0%	0.89%
Special Purpose Charge	829	0.0004	0.33	829	0.0004	0.33	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%	0.21%
Sub-Total: Regulatory			5.97			5.97	0.00	0.0%	4.92%
Debt Retirement Charge (DRC)	800	0.00700	5.60	800	0.00700	5.60	0.00	0.0%	4.62%
Total Bill before Taxes			104.41			107.35	2.94	2.8%	88.49%
HST	104.41	13%	13.57	107.35	13%	13.96	0.39	2.9%	11.51%
Total Bill			117.98			121.31	3.33	2.8%	100.00%

|--|

250	600	800	1,400	2,250
259	622	829	1,450	2,331
16.83 \$	40.65 \$	56.18	\$ 102.75	\$ 168.83
16.83 \$	40.65 \$	56.18	\$ 102.75	-
- \$ 0.0%	- \$ 0.0%	- 0.0%	\$ - 0.0%	\$- 0.0
0.0% 34.0%	43.3%	46.3%		
54.070	-3.370	+0.570	50.470	52.7
20.30 \$	26.76 \$	30.45	\$ 41.52	\$ 57.2
18.61 \$	24.14 \$	27.30	\$ 36.78	\$ 50.2
1.69 \$	2.62 \$	3.15	\$ 4.74	\$ 7.0
9.1%	10.9%	11.5%	12.9%	14.0
41.0%	28.5%	25.1%	20.4%	17.8
2.85 \$	6.84 \$		\$ 15.96	\$ 25.6
2.92 \$	7.03 \$	9.36	\$ 16.38	\$ 26.3
0.07 -\$	0.19 -\$	0.24		
-2.4%	-2.7%	-2.6%		
5.8%	7.3%	7.5%	7.8%	8.0
<u>ງງາເ</u> ເ	22.60 \$	20 57	\$ 57.48	\$ 82.8
<mark>23.15 \$</mark> 21.53 \$	<mark>33.60 \$</mark> 31.17 \$	39.57 36.66	\$ 57.48 \$ 53.16	
1.62 \$	2.43 \$	2.91	-	-
7.5%	7.8%	7.9%		
46.8%	35.8%	32.6%		
2.04 \$	4.54 \$	5.97	\$ 10.26	\$ 16.3
2.04 \$	4.54 \$	5.97	\$ 10.26	\$ 16.3
- \$	- \$	-	\$ -	\$-
0.0%	0.0%	0.0%		
4.1%	4.8%	4.9%	5.0%	5.1
4				
1.75 \$	4.20 \$			\$ 15.7
1.75 \$	4.20 \$	5.60	\$ 9.80	\$ 15.7
- \$ 0.0%	- \$ 0.0%	- 0.0%	\$ - 0.0%	\$- 0.0
0.0% 3.5%	0.0% 4.5%	4.6%		
5.570	4.570	4.076	4.070	4.5
5.69 \$	10.79 \$	13.95	\$ 23.44	\$ 36.8
5.48 \$	10.47 \$	13.57	\$ 22.88	
0.21 \$	0.32 \$	0.38	\$ 0.56	
3.8%	3.1%	2.8%		
11.5%	11.5%	11.5%		
49.46 \$	93.78 \$	121.27	\$ 203.73	\$ 320.6
47.63 \$	91.03 \$		\$ 198.85	
1.83 \$	2.75 \$	3.29	\$ 4.88	\$ 7.13 2.3
<mark>4</mark> 4	<mark>9.46 \$</mark> 7.63 \$	9.46 \$ 93.78 \$   97.63 \$ 91.03 \$   1.83 \$ 2.75 \$	9.46     \$     93.78     \$     121.27       47.63     \$     91.03     \$     117.98       1.83     \$     2.75     \$     3.29	99.46   \$   93.78   \$   121.27   \$   203.73     47.63   \$   91.03   \$   117.98   \$   198.85     1.83   \$   2.75   \$   3.29   \$   4.88

Name of LDC:Bluewater Power Distribution CorporationFile Number:EB-2010-0065Effective Date:Sunday, May 01, 2011Version : 1.9

### General Service Less Than 50 kW

Monthly Rates and Charges	Metric	<b>Current Rate</b>	Applied For Rate
Service Charge	\$	24.48	24.01
Service Charge Rate Adder(s)	\$	1.00	2.00
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0172	0.0169
Distribution Volumetric Rate Adder(s)	\$/kWh	-	-
Low Voltage Volumetric Rate	\$/kWh	0.0002	0.0002
Distribution Volumetric Rate Rider(s)	\$/kWh	- 0.0032	- 0.0005
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0055	0.0054
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0047	0.0046
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	2,000	kWh	0	kW
RPP Tier One	750	kWh	Load Factor	

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%	16.83%
Energy Second Tier (kWh)	1,322	0.0750	99.15	1,322	0.0750	99.15	0.00	0.0%	34.23%
Sub-Total: Energy			147.90			147.90	0.00	0.0%	<b>51.05%</b>
Service Charge	1	24.48	24.48	1	24.01	24.01	-0.47	(1.9)%	8.29%
Service Charge Rate Adder(s)	1	1.00	1.00	1	2.00	2.00	1.00	100.0%	0.69%
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	0.0172	34.40	2,000	0.0169	33.80	-0.60	(1.7)%	11.67%
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	0.0002	0.40	2,000	0.0002	0.40	0.00	0.0%	0.14%
Distribution Volumetric Rate Rider(s)	2,000	-0.0032	-6.40	2,000	-0.0005	-1.00	5.40	(84.4)%	-0.35%
Total: Distribution			53.88			59.21	5.33	9.9%	20.44%
Retail Transmission Rate – Network Service Rate	2,072	0.0055	11.40	2,072	0.0054	11.19	-0.21	(1.8)%	3.86%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,072	0.0047	9.74	2,072	0.0046	9.53	-0.21	(2.2)%	3.29%
Total: Retail Transmission			21.14			20.72	-0.42	(2.0)%	7.15%
Sub-Total: Delivery (Distribution and Retail Transmission)			75.02			79.93	4.91	6.5%	27.59%
Wholesale Market Service Rate	2,072	0.0052	10.77	2,072	0.0052	10.77	0.00	0.0%	3.72%
Rural Rate Protection Charge	2,072	0.0013	2.69	2,072	0.0013	2.69	0.00	0.0%	0.93%
Special Purpose Charge	2,072	0.0004	0.83	2,072	0.0004	0.83	0.00	0.0%	0.29%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.09%
Sub-Total: Regulatory			14.54			14.54	0.00	0.0%	5.02%
Debt Retirement Charge (DRC)	2,000	0.00700	14.00	2,000	0.00700	14.00	0.00	0.0%	4.83%
Total Bill before Taxes			251.46			256.37	4.91	2.0%	88.49%
HST	251.46	13%	32.69	256.37	13%	33.33	0.64	2.0%	11.51%
Total Bill			284.15		-	289.70	5.55	2.0%	100.00%

### Loss Factor 1.0356
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	1,036	2,072	7,767	15,534	20,712
	<b>k</b> W					
_	Load Factor					
Energy		¢ 70.00		575.00	<u> </u>	¢ 4 5 45 00
	Applied For Bill			575.03	\$ 1,157.55	
	Current Bill \$ Impact		\$ <u>147.90</u> \$ \$-\$	575.03	\$ 1,157.55 \$ -	\$ 1,545.90 \$ -
	% Impact	-	<u>,                                    </u>	0.0%	-	
	% of Total Bill		51.0%	55.9%		
Distribution						
	Applied For Bill	\$ 42.66	\$ 59.31 \$	150.89	\$ 275.76	\$ 359.01
	Current Bill	\$ 39.68	\$53.88\$	131.98	\$ 238.48	\$ 309.48
	\$ Impact	\$ 2.98	\$ 5.43 \$	18.91	\$ 37.28	\$ 49.53
	% Impact		10.1%	14.3%		
	% of Total Bill	27.4%	20.5%	14.7%	13.5%	13.3%
Retail Transmission						
	Applied For Bill			77.67	\$ 155.34	
		\$ 10.57		79.22		\$ 211.27
	\$ Impact % Impact		\$ 0.42 -\$ -2.0%	<u> </u>		
	% impact % of Total Bill		7.1%	7.6%		
Delivery (Distribution and Retail Transmission)		0.770	7.170	7.070	7.070	7.770
	Applied For Bill	\$ 53.02	\$ 80.03 \$	228.56	\$ 431.10	\$ 566.13
	Current Bill			211.20	\$ 396.93	\$ 520.75
	\$ Impact			17.36	-	
	% Impact	5.5%	6.7%	8.2%	8.6%	8.7%
	% of Total Bill	34.1%	27.6%	22.2%	21.2%	20.9%
Regulatory						
	Applied For Bill			53.85	\$ 107.43	
	Current Bill			53.85		
	\$ Impact		<u>\$ - \$</u>	-	<u>\$</u> -	<u>\$</u> -
	% Impact		0.0%	0.0%		
Debt Retirement Charge	% of Total Bill	4.8%	5.0%	5.2%	5.3%	5.3%
Debt Retirement Charge	Applied For Bill	\$ 7.00	\$ 14.00 \$	52.50	\$ 105.00	\$ 140.00
	Current Bill			52.50		\$ 140.00
	\$ Impact		\$ - \$	-	\$ -	\$ -
	% Impact		0.0%	0.0%		
	% of Total Bill	4.5%	4.8%	5.1%	5.2%	5.2%
GST						
	Applied For Bill			118.29		\$ 311.37
	Current Bill			116.04		\$ 305.48
	\$ Impact			2.25	-	\$ 5.89
	% Impact		2.0%	1.9%		
	% of Total Bill	11.5%	11.5%	11.5%	11.5%	11.5%
Total Bill		Ć 1FF F4	¢ 200.04 ¢	1 0 20 22	¢ 2 025 22	¢ 2 700 FC
	Applied For Bill	\$ 155.51 \$ 152.38			\$ 2,035.22 \$ 1,006.61	
	\$ Impact			1,008.62	\$ 1,996.61 \$ 38.61	\$ 2,655.29 \$ 51.27
	% Impact		<u>\$ 5.00 \$</u> 2.0%	19.81		
	70 mpact	2.1/0	2.0/0	1.070	1.570	1.570

#### General Service 50 to 999 kW

Monthly Rates and Charges	Metric	<b>Current Rate</b>	Applied For Rate
Service Charge	\$	140.51	140.76
Service Charge Rate Adder(s)	\$	1.00	2.00
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	3.5243	3.5306
Distribution Volumetric Rate Adder(s)	\$/kW	-	-
Low Voltage Volumetric Rate	\$/kW	0.0722	0.0722
Distribution Volumetric Rate Rider(s)	\$/kW	- 1.2341	- 0.1204
Retail Transmission Rate – Network Service Rate	\$/kW	2.2326	2.1852
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.8765	1.8179
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	140,000	kWh	480 kW
RPP Tier One	750	kWh	Load Factor 40.0%

General Service 50 to 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%	0.26%
Energy Second Tier (kWh)	144,234	0.0750	10,817.55	144,234	0.0750	10,817.55	0.00	0.0%	57.73%
Sub-Total: Energy			10,866.30			10,866.30	0.00	0.0%	57.99%
Service Charge	1	140.51	140.51	1	140.76	140.76	0.25	0.2%	0.75%
Service Charge Rate Adder(s)	1	1.00	1.00	1	2.00	2.00	1.00	100.0%	0.01%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	480	3.5243	1,691.66	480	3.5306	1,694.69	3.03	0.2%	9.04%
Distribution Volumetric Rate Adder(s)	480	0.0000	0.00	480	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	480	0.0722	34.66	480	0.0722	34.66	0.00	0.0%	0.18%
Distribution Volumetric Rate Rider(s)	480	-1.2341	-592.37	480	-0.1204	-57.79	534.58	(90.2)%	-0.31%
Total: Distribution			1,275.46			1,814.32	538.86	42.2%	9.68%
Retail Transmission Rate – Network Service Rate	480	2.2326	1,071.65	480	2.1852	1,048.90	-22.75	(2.1)%	5.60%
Retail Transmission Rate – Line and Transformation Connection Service Rate	480	1.8765	900.72	480	1.8179	872.59	-28.13	(3.1)%	4.66%
Total: Retail Transmission			1,972.37			1,921.49	-50.88	(2.6)%	10.25%
Sub-Total: Delivery (Distribution and Retail Transmission)			3,247.83			3,735.81	487.98	15.0%	19.94%
Wholesale Market Service Rate	144,984	0.0052	753.92	144,984	0.0052	753.92	0.00	0.0%	4.02%
Rural Rate Protection Charge	144,984	0.0013	188.48	144,984	0.0013	188.48	0.00	0.0%	1.01%
Special Purpose Charge	144,984	0.0004	57.99	144,984	0.0004	57.99	0.00	0.0%	0.31%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.00%
Sub-Total: Regulatory			1,000.64			1,000.64	0.00	0.0%	5.34%
Debt Retirement Charge (DRC)	140,000	0.00700	980.00	140,000	0.00700	980.00	0.00	0.0%	5.23%
Total Bill before Taxes			16,094.77			16,582.75	487.98	3.0%	88.50%
HST	16,094.77	13%	2,092.32	16,582.75	13%	2,155.76	63.44	3.0%	11.50%
Total Bill			18,187.09			18,738.51	551.42	3.0%	100.00%

ate Class Threshold Test						
General Service 50 to 999 kW						
	kWh	18,200	98,000	175,000	270,000	365,000
	Loss Factor Adjusted kWh	18,848	101,489	181,230	279,612	377,994
	kW	50	270	480	740	1,000
	Load Factor	49.9%	49.7%	50.0%	50.0%	50.0%
ergy						
	Applied For Bill	\$ 1,406.10	\$ 7,604.18 \$	13,584.75	\$ 20,963.40	\$ 28,342.05
	Current Bill	\$ 1,406.10	\$ 7,604.18 \$	13,584.75	\$ 20,963.40	\$ 28,342.05
	\$ Impact	\$ - !	\$-\$	-	\$-	\$ -
	% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
	% of Total Bill	57.1%	60.3%	60.7%	60.9%	61.0%
tribution						
	Applied For Bill		\$ 1,082.99 \$	1,814.30		\$ 3,625.12
	Current Bill			1,275.46	\$ 1,889.69	\$ 2,503.91
	\$ Impact _			538.84	\$ 830.01	\$ 1,121.21
	% Impact % of Total Bill	22.0%	39.0%	42.2%	43.9%	44.8%
il Transmission	% of Total Bill	12.9%	8.6%	8.1%	7.9%	7.8%
	Applied For Bill	\$ 200.15	\$ 1,080.83 \$	1,921.49	\$ 2,962.30	\$ 4,003.10
	Current Bill		\$ 1,109.46 \$	1,972.37		\$ 4,003.10 \$ 4,109.10
	\$ Impact -5			50.88		
	% Impact	-2.6%	-2.6%	-2.6%	-2.6%	-2.6%
	% of Total Bill	8.1%	8.6%	8.6%	8.6%	8.6%
very (Distribution and Retail Transmission)						
	Applied For Bill	\$ 517.03	\$ 2,163.82 \$	3,735.79	\$ 5,682.00	\$ 7,628.22
	Current Bill		\$ 1,888.81 \$	3,247.83	\$ 4,930.42	\$ 6,613.01
	\$ Impact	\$ 51.93	\$ 275.01 \$	487.96	\$ 751.58	\$ 1,015.21
	% Impact	11.2%	14.6%	15.0%	15.2%	15.4%
	% of Total Bill	21.0%	17.2%	16.7%	16.5%	16.4%
ılatory						
	Applied For Bill			· · · · · · · · · · · · · · · · · · ·	\$ 1,929.57	
	Current Bill	-		1,250.74		\$ 2,608.41
	\$ Impact _		\$ - \$	-	\$ -	\$ -
	% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
Detirement Charge	% of Total Bill	5.3%	5.6%	5.6%	5.6%	5.6%
Retirement Charge				1 225 00	ć 1,800,00	ć 2.555.00
	Applied For Bill Current Bill			<b>1,225.00</b> 1,225.00		\$ 2,555.00 \$ 2,555.00
	\$ Impact		<u>\$ 080.00                                </u>	-	\$ <u>1,890.00</u> \$ -	\$ 2,333.00 \$ -
	% Impact	0.0%	0.0%	0.0%	<u> </u>	<u> </u>
	% of Total Bill	5.2%	5.4%	5.5%	5.5%	5.5%
r		0.270	0,0	0.077	0.070	0.070
-	Applied For Bill	\$ 283.51	\$ 1,450.09 \$	2,573.52	\$ 3,960.45	\$ 5,347.38
	Current Bill			2,510.08		\$ 5,215.40
	\$ Impact			63.44		
	% Impact	2.4%	2.5%	2.5%	2.5%	2.5%
	% of Total Bill	11.5%	11.5%	11.5%	11.5%	11.5%
al Bill						
	Applied For Bill	\$ 2,464.34	\$ 12,604.62 \$	22,369.80	\$ 34,425.42	\$ 46,481.06
	Current Bill	\$ 2,405.66	\$ 12,293.86 \$		\$ 33,576.13	\$ 45,333.87
	\$ Impact _			551.40		\$ 1,147.19
	% Impact	2.4%	2.5%	2.5%	2.5%	2.5%

# General Service 1,000 to 4,999 kW

Monthly Rates and Charges	Metric	<b>Current Rate</b>	Applied For Rate
Service Charge	\$	3,088.84	3,094.40
Service Charge Rate Adder(s)	\$	1.00	2.00
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	1.2655	1.2678
Distribution Volumetric Rate Adder(s)	\$/kW	-	-
Low Voltage Volumetric Rate	\$/kW	0.0792	0.0792
Distribution Volumetric Rate Rider(s)	\$/kW	- 1.5224	- 0.0544
Retail Transmission Rate – Network Service Rate	\$/kW	2.3712	2.3208
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.0571	1.9928
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	1,100,000	kWh	3,000
RPP Tier One	750	kWh	Load Factor

General Service 1,000 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)	1,138,410	0.0750	85,380.75	1,138,410	0.0750	85,380.75	0.00	0.0%	62.49%
Sub-Total: Energy			85,429.50			85,429.50	0.00	0.0%	62.53%
Service Charge	1	3,088.84	3,088.84	1	3,094.40	3,094.40	5.56	0.2%	2.26%
Service Charge Rate Adder(s)	1	1.00	1.00	1	2.00	2.00	1.00	100.0%	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	3,000	1.2655	3,796.50	3,000	1.2678	3,803.40	6.90	0.2%	2.78%
Distribution Volumetric Rate Adder(s)	3,000	0.0000	0.00	3,000	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	3,000	0.0792	237.60	3,000	0.0792	237.60	0.00	0.0%	0.17%
Distribution Volumetric Rate Rider(s)	3,000	-1.5224	-4,567.20	3,000	-0.0544	-163.20	4,404.00	(96.4)%	-0.12%
Total: Distribution			2,556.74			6,974.20	4,417.46	172.8%	5.10%
Retail Transmission Rate – Network Service Rate	3,000	2.3712	7,113.60	3,000	2.3208	6,962.40	-151.20	(2.1)%	5.10%
Retail Transmission Rate – Line and Transformation Connection Service Rate	3,000	2.0571	6,171.30	3,000	1.9928	5,978.40	-192.90	(3.1)%	4.38%
Total: Retail Transmission			13,284.90			12,940.80	-344.10	(2.6)%	9.47%
Sub-Total: Delivery (Distribution and Retail Transmission)			15,841.64			19,915.00	4,073.36	25.7%	14.58%
Wholesale Market Service Rate	1,139,160	0.0052	5,923.63	1,139,160	0.0052	5,923.63	0.00	0.0%	4.34%
Rural Rate Protection Charge	1,139,160	0.0013	1,480.91	1,139,160	0.0013	1,480.91	0.00	0.0%	1.08%
Special Purpose Charge	1,139,160	0.0004	455.66	1,139,160	0.0004	455.66	0.00	0.0%	0.33%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.00%
Sub-Total: Regulatory			7,860.45			7,860.45	0.00	0.0%	5.75%
Debt Retirement Charge (DRC)	1,100,000	0.00700	7,700.00	1,100,000	0.00700	7,700.00	0.00	0.0%	5.64%
Total Bill before Taxes			116,831.59			120,904.95	4,073.36	3.5%	88.50%
HST	116,831.59	13%	15,188.11	120,904.95	13%	15,717.64	529.53	3.5%	11.50%
Total Bill			132,019.70			136,622.59	4,602.89	3.5%	100.00%

kW
50.3%

Rate Class Threshold Test										
General Service 1,000 to 4,999 kW										
	kWh		438,000	8	76,000	1,313,000	1	,751,000	2	189,000
	Loss Factor Adjusted kWh		453,593	9	07,186	1,359,743	1	,813,336	2.	266,929
	kW		1,000		2,000	3,000		4,000		5,000
	Load Factor		60.0%		60.0%	60.0%		60.0%		60.0%
Energy										
	Applied For Bill	\$	34,011.98	\$	68,031.45	\$ 101,973.23	\$	135,992.71	\$ 1	170,012.18
	Current Bill		34,011.98		68,031.45			135,992.71		170,012.18
	\$ Impact		-	\$		\$-	\$		\$	-
	% Impact		0.0%		0.0%	0.0%		0.0%		0.0%
Distribution	% of Total Bill		61.5%		63.6%	64.2%	1	64.6%		64.8%
Distribution	Applied For Bill	ć	4,389.02	ć	5,681.64	\$ 6,974.26	ć	8,266.88	\$	9,559.50
	Current Bill		2,912.14		2,734.44			2,379.04	ې \$	2,201.34
	\$ Impact		1,476.88	\$	2,947.20			5,887.84	<u>\$</u>	7,358.16
	% Impact		50.7%	Ŧ	107.8%	172.8%		247.5%	<u> </u>	334.3%
	% of Total Bill		7.9%		5.3%	4.4%		3.9%		3.6%
Retail Transmission										
	Applied For Bill	\$	4,313.60	\$	8,627.20	\$ 12,940.80	\$	17,254.40	\$	21,568.00
	Current Bill	\$	4,428.30	\$	8,856.60	\$ 13,284.90	\$	17,713.20	\$	22,141.50
	\$ Impact		114.70		229.40 -					573.50
	% Impact		-2.6%		-2.6%	-2.6%		-2.6%		-2.6%
	% of Total Bill		7.8%		8.1%	8.2%	,	8.2%		8.2%
Delivery (Distribution and Retail Transmission)		~	0 702 62	~	44200.04		~	25 524 20	~	24 427 50
	Applied For Bill		8,702.62		14,308.84		Ş		ې د	31,127.50
	Current Bill \$ Impact		7,340.44		11,591.04 2,717.80			-	\$ \$	24,342.84 6,784.66
	% Impact		1,302.10		23.4%	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>		27.0%	<u> </u>	27.9%
	% of Total Bill		15.7%		13.4%	12.5%		12.1%		11.9%
Regulatory										
	Applied For Bill	\$	3,130.04	\$	6,259.83	\$ 9,382.48	\$	12,512.27	\$	15,642.06
	Current Bill	\$	3,130.04	\$	6,259.83	\$ 9,382.48	\$	12,512.27	\$	15,642.06
	\$ Impact	\$	-	\$	- 9	\$-	\$	-	\$	-
	% Impact		0.0%		0.0%	0.0%		0.0%		0.0%
	% of Total Bill		5.7%		5.8%	5.9%	,	5.9%		6.0%
Debt Retirement Charge		4		4		+	4		4	
	Applied For Bill		3,066.00		6,132.00 S					15,323.00
	Current Bill \$ Impact		3,066.00	\$ \$		\$	\$ \$	-	\$ \$	15,323.00
	% Impact		- 0.0%		0.0%	<u>-</u> 0.0%		0.0%		0.0%
	% of Total Bill		5.5%		5.7%	5.8%		5.8%		5.8%
GST			01070		01770			0.070		010/0
	Applied For Bill	\$	6,358.38	\$	12,315.18	\$ 18,260.03	\$	24,216.82	\$	30,173.62
	Current Bill				11,961.86			23,511.05		
	\$ Impact		177.08		353.32				\$	882.01
	% Impact		2.9%		3.0%	3.0%	,	3.0%		3.0%
	% of Total Bill		11.5%		11.5%	11.5%	)	11.5%		11.5%
Total Bill										
	Applied For Bill		55,269.02		L07,047.30			210,500.08		262,278.36
	Current Bill				103,976.18			204,365.27		254,611.69
	\$ Impact		1,539.26		3,071.12				\$	7,666.67
	% Impact		2.9%		3.0%	3.0%	1	3.0%		3.0%

# Large Use

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate						
Service Charge	\$	25,035.58	24,647.31						
Service Charge Rate Adder(s)	\$	1.00	2.00						
Service Charge Rate Rider(s)	\$	-	-						
Distribution Volumetric Rate	\$/kW	1.4974	1.4742						
Distribution Volumetric Rate Adder(s)	\$/kW	-	-						
Low Voltage Volumetric Rate	\$/kW	0.0905	0.0905						
Distribution Volumetric Rate Rider(s)	\$/kW	- 2.2995	- 0.2218						
Retail Transmission Rate – Network Service Rate	\$/kW	2.6255	2.5697						
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.3524	2.2789						
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	13,000,000	kWh	25,000	kW		Loss Factor	1.0253		
RPP Tier One	750	kWh	Load Factor	71.3%					
Large Use	Volume	RATE	CHARGE	Volume	RATE	CHARGE	\$	%	% of Total
Energy First Tier (kWh)	750	<b>≯</b> 0.0650	<b>\$</b> 48.75	750	<b>⊅</b> 0.0650	<b>\$</b> 48.75	0.00	0.0%	<b>Bill</b> 0.00%
Energy Second Tier (kWh)	13,328,151	0.0650	999,611.33	13,328,151	0.0850	999,611.33	0.00	0.0%	64.95%
Sub-Total: Energy	13,320,131	0.0730	999,660.08	13,320,131	0.0730	999,660.08	0.00	0.0%	64.95%
Service Charge	1	25,035.58	25,035.58	1	24,647.31	24,647.31	-388.27	(1.6)%	1.60%
Service Charge Service Charge Rate Adder(s)	1	1.00	1.00	1	24,647.31	24,647.31	1.00	100.0%	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	25,000	1.4974	37,435.00	25,000	1.4742	36,855.00	-580.00	(1.5)%	2.39%
Distribution Volumetric Rate Adder(s)	25,000	0.0000	0.00	25,000	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	25,000	0.0905	2,262.50	25,000	0.0905	2,262.50	0.00	0.0%	0.15%
Distribution Volumetric Rate Rider(s)	25,000	-2.2995	-57,487.50	25,000	-0.2218	-5,545.00	51,942.50	(90.4)%	
Total: Distribution	23,000	-2.2333	7,246.58	20,000	-0.2210	<b>58,221.81</b>	<b>50,975.23</b>	<b>703.4%</b>	<b>3.78%</b>
Retail Transmission Rate – Network Service Rate	25,000	2.6255	65,637.50	25,000	2.5697	64,242.50	-1,395.00	(2.1)%	4.17%
Retail Transmission Rate – Line and Transformation Connection Service Rate	25,000	2.3524	58,810.00	25,000	2.2789	56,972.50	-1,837.50	(3.1)%	3.70%
Total: Retail Transmission	20,000	2.0024	124,447.50	20,000	2.2705	121,215.00	-3,232.50	(2.6)%	<b>7.88%</b>
Sub-Total: Delivery (Distribution and Retail Transmission)			131,694.08			179,436.81	47,742.73	36.3%	11.66%
Wholesale Market Service Rate	13,328,901	0.0052	69,310.29	13,328,901	0.0052	69,310.29	0.00	0.0%	4.50%
Rural Rate Protection Charge	13,328,901	0.0032	17,327.57	13,328,901	0.0032	17,327.57	0.00	0.0%	1.13%
Special Purpose Charge	13,328,901	0.0004	5,331.56	13,328,901	0.0004	5,331.56	0.00	0.0%	0.35%
Standard Supply Service – Administration Charge (if applicable)	1	0.0004	0.25	1	0.25	0.25	0.00	0.0%	0.00%
Sub-Total: Regulatory		0.20	91,969.67	•	0.20	91,969.67	0.00	0.0%	<b>5.98%</b>
Debt Retirement Charge (DRC)	13,000,000	0.00700	91,000.00	13,000,000	0.00700	91,000.00	0.00	0.0%	5.91%
Total Bill before Taxes	10,000,000	0.00700	1,314,323.83	10,000,000	0.00700	1,362,066.56	47,742.73	3.6%	88.50%
HST	1,314,323.83	13%	170,862.10	1,362,066.56	13%	177,068.65	6,206.55	3.6%	11.50%
	1,314,323.03	1370		1,302,000.30	1370				
Total Bill			1,485,185.93			1,539,135.21	53,949.28	3.6%	100.00%

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Large Use	kWh	2,600,000	5,000,000	13,000,000	20,000,000	26,000,000
	Loss Factor Adjusted kWh	2,665,781	5,126,501	13,328,901	20,506,001	26,657,801
	kW	5,000	10,000	25,000	40,000	50,000
	Load Factor	71.3%	68.5%	71.3%	68.5%	71.3%
Energy		11.070	00.070	11.070	00.070	11070
	Applied For Bill	\$ 199,926.08	\$ 384,480.09	999,660.11	\$ 1,537,942.64	\$ 1,999,327.65
	Current Bill					\$ 1,999,327.65
	\$ Impact		\$ - \$		\$ -	\$ -
	% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
	% of Total Bill	60.6%	62.8%	64.9%	65.1%	65.5%
Distribution	_					
	Applied For Bill	\$ 31,363.91	\$ 38,078.51 \$	58,222.31	\$ 78,366.11	\$ 91,795.31
	Current Bill					
	\$ Impact _			,		
	% Impact	46.0%		703.4%		-970.6%
	% of Total Bill	9.5%	6.2%	3.8%	3.3%	3.0%
Retail Transmission			<u>.</u>	121 215 00	÷	<b>. . . . . . . . . .</b>
	Applied For Bill					
	Current Bill					
	\$ Impact <u></u> % Impact	\$ <u>646.50</u> -2.6%		<u>3,232.50</u> -2.6%		-\$ 6,465.00 -2.6%
	% of Total Bill	7.3%		7.9%		7.9%
Delivery (Distribution and Retail Transmission)		7.370	7.576	7.570	0.270	7.570
	Applied For Bill	\$ 55,606.91	\$ 86,564.51 \$	179,437.31	\$ 272,310.11	\$ 334,225.31
	Current Bill					
	\$ Impact		\$ 18,864.93 \$			
	% Impact	19.9%		36.3%		40.2%
	% of Total Bill	16.8%	14.1%	11.7%	11.5%	11.0%
Regulatory						
	Applied For Bill	\$ 18,394.14	\$ 35,373.11 \$	91,969.67	\$ 141,491.66	\$ 183,939.08
	Current Bill	\$ 18,394.14	\$ 35,373.11 \$	91,969.67	\$ 141,491.66	\$ 183,939.08
	\$ Impact	\$-	\$-\$		\$-	\$-
	% Impact	0.0%		0.0%	0.0%	0.0%
	% of Total Bill	5.6%	5.8%	6.0%	6.0%	6.0%
Debt Retirement Charge						
	Applied For Bill					
	Current Bill					
	\$ Impact		<u>\$ - \$</u>		\$ -	\$ -
	% Impact % of Total Bill	0.0%		0.0% 5.9%		0.0% 6.0%
GST	% OF FOLD BII	5.5%	5.7%	5.9%	5.9%	0.0%
551	Applied For Bill	\$ 37,976.53	\$ 70,384.30	177,068.72	\$ 271,926.77	\$ 350,933.97
	Current Bill					
	\$ Impact					
	% Impact	3.3%		3.6%		3.7%
	% of Total Bill	11.5%		11.5%		11.5%
Fotal Bill					_ • -	
	Applied For Bill	\$ 330,103.66	\$ 611,802.01 \$	1,539,135.81	\$ 2,363,671.18	\$ 3,050,426.02
	Current Bill		\$ 590,484.64		\$ 2,277,088.85	
	ć hora st	<u> </u>	ć <u>21 217 27</u> ć	E2 040 9E	¢ 96 E92 22	ć 100 227 22
	\$ Impact _	\$ 10,439.88	\$ 21,317.37 \$	53,949.85	\$ 86,582.33	\$ 108,337.32

# Large Use

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate						
Service Charge	\$	25,035.58	24,647.31						
Service Charge Rate Adder(s)	\$	1.00	2.00						
Service Charge Rate Rider(s)	\$	-	-						
Distribution Volumetric Rate	\$/kW	1.4974	1.4742						
Distribution Volumetric Rate Adder(s)	\$/kW	-	-						
Low Voltage Volumetric Rate	\$/kW	0.0905	0.0905						
Distribution Volumetric Rate Rider(s)	\$/kW	- 2.2995	- 0.2218						
Retail Transmission Rate – Network Service Rate	\$/kW	2.6255	2.5697						
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.3524	2.2789						
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	6,400,000	kWh	10,000	kW		Loss Factor	1.0253	]	
RPP Tier One	750	kWh	Load Factor	71.3%					
			2000 / 0010/	111070					
Large Use	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%	0.01%
Energy Second Tier (kWh)	6,561,171	0.0750	492,087.83	6,561,171	0.0750	492,087.83	0.00	0.0%	65.12%
Sub-Total: Energy			492,136.58			492,136.58	0.00	0.0%	65.12%
Service Charge	1	25,035.58	25,035.58	1	24,647.31	24,647.31	-388.27	(1.6)%	3.26%
Service Charge Rate Adder(s)	1	1.00	1.00	1	2.00	2.00	1.00	100.0%	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	10,000	1.4974	14,974.00	10,000	1.4742	14,742.00	-232.00	(1.5)%	1.95%
Distribution Volumetric Rate Adder(s)	10,000	0.0000	0.00	10,000	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	10,000	0.0905	905.00	10,000	0.0905	905.00	0.00	0.0%	0.12%
Distribution Volumetric Rate Rider(s)	10,000	-2.2995	-22,995.00	10,000	-0.2218	-2,218.00	20,777.00	(90.4)%	-0.29%
Total: Distribution			17,920.58			38,078.31	20,157.73	112.5%	5.04%
Retail Transmission Rate – Network Service Rate	10,000	2.6255	26,255.00	10,000	2.5697	25,697.00	-558.00	(2.1)%	3.40%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,000	2.3524	23,524.00	10,000	2.2789	22,789.00	-735.00	(3.1)%	3.02%
Total: Retail Transmission			49,779.00			48,486.00	-1,293.00	(2.6)%	6.42%
Sub-Total: Delivery (Distribution and Retail Transmission)			67,699.58			86,564.31	18,864.73	27.9%	11.45%
Wholesale Market Service Rate	6,561,921	0.0052	34,121.99	6,561,921	0.0052	34,121.99	0.00	0.0%	4.52%
Rural Rate Protection Charge	6,561,921	0.0013	8,530.50	6,561,921	0.0013	8,530.50	0.00	0.0%	1.13%
Special Purpose Charge	6,561,921	0.0004	2,624.77	6,561,921	0.0004	2,624.77	0.00	0.0%	0.35%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.00%
Sub-Total: Regulatory			45,277.51			45,277.51	0.00	0.0%	5.99%
Debt Retirement Charge (DRC)	6,400,000	0.00700	44,800.00	6,400,000	0.00700	44,800.00	0.00	0.0%	5.93%
Total Bill before Taxes			649,913.67			668,778.40	18,864.73	2.9%	88.50%
HST	649,913.67	13%	84,488.78	668,778.40	13%	86,941.19	2,452.41	2.9%	11.50%
Total Bill	,		734,402.45	, -		755,719.59	21,317.14	2.9%	100.00%

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rge Use         2,665,781         5,126,011         13,328,901         20,060,00         26,667,801           kWh         5,000         10,000         25,000         40,000         50,000         50,000         50,000         50,000         50,000         50,000         50,000         50,000         50,000         50,000         50,000         50,000         50,000         50,000         50,000         50,000         51,357,942,64         51,99,942,76         51,99,94,76         51,99,94,76
Loss Factor Adjusted WM (71.3% 68.5% 71.3% 68.5% 71.3%
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stribution         stribut
Applied For Bill       S       199,926.08       S       384,480.09       S       999,601.11       S       1,537,942.64       S       1,937,942.64       S       5,51%       65.1%       65.1%       65.1%       1,937,942.64       S       1,937,942.64       S <t< td=""></t<>
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stribution       \$ Impact % inpact % of Total Bill       0.0% 63.0%       0.0% 63.0%       0.0% 65.1%       0.0% 51.5%       115.3% 51.960.8%       19.620.58 51.98       51.3% 66.79.4%       51.3% 7.93       51.3% 7.93       66.79.4%       11.5% 7.93       66.79.4%       11.5% 7.93       66.79.4%       71.9% 7.9%       71.9% 7.93       71.9% 7
skill         % impact % of Total Bill         60.7%         63.0%         65.3%         65.2%         65.2%         65.2%           skribbeton         Applied For Bill         \$ 0,090.46         \$ 3,090.46         \$ 3,04,01         \$ 5,051.8%         \$ 72,978.51         \$ 8,060.48         \$ 23,028.2%         \$ 23,023.48         \$ 24,2430.00         \$ 23
Applied For Bill         \$         30,690.46         \$         30,690.46         \$         30,690.46         \$         30,690.46         \$         30,690.46         \$         30,690.46         \$         30,690.46         \$         30,690.46         \$         30,690.46         \$         30,690.48         \$         21,651.58         \$         71,978.51         \$         8,500.60.8           Current Bill         \$         24,359.58         \$         23,602.58         \$         21,651.58         \$         133,445         \$         71,978.51         \$         86,6794.2           Mimpact         \$         60.08         \$         16,090.08         \$         84,846.00         \$         121,215.00         \$         124,243.00         \$         124,215.00         \$         124,829.00         \$         124,829.00         \$         124,829.00         \$         124,829.00         \$         124,829.00         \$         124,829.00         \$         124,829.00         \$         124,829.00         \$         124,829.00         \$         124,829.00         \$         124,829.00         \$         124,829.00         \$         124,829.00         \$         124,829.00         \$         124,829.00         \$         124,829.00
Applied For Bill       S       3,090-46       S       3,6731.61       S       54,855.06       S       72,978.1       S       51,860.08         Current Bill       S       24,359.58       S       23,682.58       S       13,03.03.48       S       19,620.58       S       19,620.58       S       19,620.58       S       19,620.58       S       13,03.03.48       S       19,620.58       S       13,03.03.48       S       19,620.58       S       16,679.42         tail Transmission       Xopplied For Bill       9,3%       S       24,243.00       S       4,846.60       S       124,447.59       S       193,944.00       S       24,889.50         % Impact       S       24,243.00       S       4,24,890.00       S       124,447.59       S       19,116.00       S       248,895.00       %       124,447.50       S       19,116.00       S       24,849.00       %       7,446.88       1,234.00       3,232.50       2.26,764       2.26,764       2.26,764       2.26,764       2.26,764       2.26,764       2.26,764.58       2.26,7
Applied For Bill       \$       30,690.46       \$       36,731.61       \$       54,855.06       \$       72,978.51       \$       85,060.8         Current Bill       \$       24,359.58       \$       23,203.48       \$       33,203.48       \$       53,373.51       \$       66,074.51.58       \$       19,620.58       \$       18,665.45         % Impact       \$       6,330.88       \$       13,049.03       \$       \$       53,373.51       \$       66,074.50       \$       13,34%       \$       53,373.51       \$       66,074.50       \$       13,34%       \$       27,19%       \$       66,794.20       \$       13,34%       \$       27,19%       \$       66,794.20       \$       12,12,100       \$       24,24,300       \$       12,12,100       \$       24,24,300       \$       12,24,100       \$       24,24,300       \$       12,21,200       \$       12,42,470.05       \$       19,91,16,00       \$       242,43,00       \$       12,24,21,00       \$       12,42,470.05       \$       12,42,470.05       \$       12,42,470.05       \$       12,42,470.05       \$       12,42,470.05       \$       12,42,470.05       \$       12,42,470.05       \$       12,42,470.05       \$
Current Bill         \$         24,359.58         \$         23,682.58         \$         21,651.58         \$         19,620.58         \$         18,265.5           S Impact         \$         6,030.88         \$         13,049.03         \$         33,20.348         \$         53,357.38         \$         6,074.2           % of Total Bill         9.3%         6.0%         3.6%         3.1%         22,88         23,203.48         \$         13,34,48         \$         53,357.38         \$         6,074.2           % of Total Bill         9.3%         6.0%         48,486.00         \$         121,215.00         \$         193,944.00         \$         242,430.00           % of Total Bill         \$         24,243.00         \$         48,486.00         \$         121,215.00         \$         193,944.00         \$         242,430.00           % impact         \$         24,243.00         \$         48,486.00         \$         121,215.00         \$         193,94.00         \$         242,430.00           % impact         \$         24,243.00         \$         1,230.00         \$         1,232.50         \$         3,232.50         \$         242,430.00           (invery (Distribution and Retail Transmission)
\$ Impact       \$ 0,330.88       \$ 13,049.03       \$ 33,203.48       \$ 53,357.93       \$ 66,744.2         % Impact       26.0%       55.1%       153.4%       271.9%       365.7         % of Total Bill       9.3%       6.0%       3.6%       3.1%       2.8         Applied For Bill       9.3%       6.0%       3.6%       3.1%       2.4         S Impact       \$ 24,243.00       \$ 48,486.00       \$ 121,215.00       \$ 193,944.00       \$ 242,830.0         % Impact       \$ 24,243.00       \$ 48,486.00       \$ 121,215.00       \$ 193,944.00       \$ 242,830.0         % Impact       \$ 24,889.50       \$ 49,779.00       \$ 124,447.50       \$ 199,116.00       \$ 242,830.0         % Impact       \$ 24,889.50       \$ 49,779.00       \$ 122,010.0       \$ 124,447.50       \$ 199,116.00       \$ 242,830.0         % Impact       \$ 244,89.50       \$ 49,79.00       \$ 124,447.50       \$ 199,116.00       \$ 248,895.00         % Impact       \$ 54,933.46       \$ 1,756.00       \$ 122,407.00       \$ 124,447.50       \$ 242,830.0         % Impact       \$ 54,933.46       \$ 1,756.07.00       \$ 248,895.00       \$ 242,850.0       \$ 242,850.0         % Impact       \$ 91,940.91.85       \$ 248,895.00       \$ 11.756.07.00
% Impact       26.0%       55.1%       153.4%       271.9%       365.7         % of Total Bill       9.3%       6.0%       3.6%       3.1%       2.6         Applied For Bill       Current Bill       \$       24,889.50       \$       49,779.00       \$       193,944.00       \$       24,489.50         % Impact       \$       24,889.50       \$       49,779.00       \$       124,417.50       \$       199,116.00       \$       24,489.50         % Impact       \$       24,889.50       \$       49,779.00       \$       3,232.50       \$       199,116.00       \$       24,489.50         % Impact       \$       646.50       \$       1,223.50       \$       199,116.00       \$       24,480.00         % Impact       \$       646.50       \$       1,224.64       \$       3,232.50       \$       199,116.00       \$       24,480.50         % Impact       \$       646.50       \$       1,234.76       \$       199,116.00       \$       24,480.50       \$       3,232.50       \$       199,116.00       \$       24,480.50         gulatory       \$       1015       \$       111.75       \$       116.0%       146.09.90.85       \$<
% of Total Bill       9.3%       6.0%       3.6%       3.1%       2.8         tail Transmission        Applied For Bill        5       24,243.00       \$       48,486.00       \$       121,215.00       \$       199,116.00       \$       242,430.00       \$       48,485.00       \$       121,215.00       \$       199,116.00       \$       242,430.00       \$       242,447.50       \$       199,116.00       \$       242,430.00       \$       48,045.00       \$       121,215.00       \$       199,116.00       \$       242,430.00       \$       124,447.50       \$       199,116.00       \$       242,430.00       \$       124,447.50       \$       199,116.00       \$       242,430.00       \$       124,247.50       \$       199,116.00       \$       242,430.00       \$       124,247.50       \$       124,447.50       \$       124,447.50       \$       124,447.50       \$       124,850.00       \$       124,850.00       \$       124,491.60       \$       124,850.00       \$       124,491.60       \$       124,940.00       \$       124,940.00       \$       124,940.00       \$       124,940.00       \$       124,940.00       \$       124,940.00       \$       124,940.00       \$
tail Transmission       Applied For Bill       Current Bill       \$       24,243.00       \$       48,486.00       \$       121,215.00       \$       193,944.00       \$       242,839.50         Simpate       \$       24,889.50       \$       49,979.00       \$       122,414.7.50       \$       199,116.00       \$       248,895.00         % impate       \$       646.50       \$       1,293.00       \$       3,232.50       \$       5,171.00       \$       248,895.00         % impate       \$       646.50       \$       1,293.00       \$       3,232.50       \$       5,171.00       \$       248,895.00         % impate       \$       646.50       \$       1,293.00       \$       3,232.50       \$       5,171.00       \$       248,895.00         % impate       \$       646.50       \$       7,697.00       \$       3,232.50       \$       5,64,58.0       \$       8,217.61       \$       3,232.50       \$       5,266,92.51       \$       3,27,400.8       \$       11,57.00       \$       249,249.40       \$       3,361.58       \$       249,249.40       \$       3,29,700.8       \$       212,64,62.51       \$       212,64,62.51       \$       212,64,62.51
Applied For Bill Current Bill       \$       24,243.00       \$       48,486.00       \$       121,215.00       \$       193,944.00       \$       242,438.00       \$       121,215.00       \$       193,944.00       \$       242,438.00       \$       121,215.00       \$       193,144.00       \$       242,488.00       \$       121,215.00       \$       193,146.00       \$       242,488.00       \$       121,215.00       \$       5       5,172.00       \$       248,895.00       \$       121,215.00       \$       5       5,172.00       \$       6,465.00       \$       1,293.00       \$       3,232.50       \$       5       5,172.00       \$       6,465.00       \$       1,293.00       \$       3,232.50       \$       5       5,172.00       \$       6,465.00       \$       1,293.00       \$       3,232.50       \$       5       5,272.60       \$       -2.66       -2.66       \$       -2.66       \$       -2.66       \$       -2.66       \$       -2.66       \$       -2.66       \$       -2.66       \$       6,292.51       \$       3,27,490.8       \$       116,57       \$       116,58       \$       146,099.08       \$       218,736,518       \$       20,57       5
Current Bill       \$       24,243.00       \$       48,486.00       \$       121,215.00       \$       193,944.00       \$       242,430.0         \$       197,9100       \$       124,447.50       \$       199,116.00       \$       248,895.00         %       1729.300       -\$       124,447.50       \$       199,116.00       \$       248,895.00         %       646.50       -\$       1,293.00       -\$       3,232.50       -\$       5,172.00       \$       248,895.00         %       670 tal Bill       -2.6%
\$ Impact       \$ 24,889.50       \$ 49,779.00       \$ 124,447.50       \$ 199,116.00       \$ 248,895.00         % Impact       \$ 646.50       \$ 1,293.00       \$ 3,232.50       \$ 5,172.00       \$ 6,465.00         % Impact       \$ 646.50       \$ 1,293.00       \$ 3,232.50       \$ 5,172.00       \$ 6,465.00         % Impact       \$ 7.4%       7.9%       7.9%       \$ 2.6%       \$ -6.7%       \$ -2.6%       \$ -2.6%       \$ -2.6%       \$ -2.6%       \$ -2.6%       \$ -6.7%       \$ -6.7%       \$ -6.7%       \$ -6.7%       \$ -6
% Impact       \$       646.50       \$       1,293.00       \$       3,232.50       \$       5,172.00       \$       6,465.00         % of Total Bill       -2.6%
% of Total Bill       -2.6%
Applied For Bill Current Bill       Applied For Bill Current Bill       S       54,933.46       \$       85,217.61       \$       176,070.06       \$       266,922.51       \$       327,400.8         % Impact       \$       49,249.08       \$       73,461.58       \$       146,099.08       \$       218,736.58       \$       267,161.5         % Impact       \$       5,684.38       \$       11,756.03       \$       29,970.98       \$       48,185.93       \$       60,329.2         gulatory       11.5%       16.0%       20.5%       22.0%       22.0%       22.0%       22.0%       22.0%       22.0%       22.0%       22.0%       22.0%       22.0%       20.5%       11.3%       10.0%       11.5%       11.3%       10.0%       10.0%       11.3%       10.0%
Current Bill         Simpact         \$         54,933.46         \$         85,217.61         \$         176,070.06         \$         266,922.51         \$         327,490.8           % Impact         \$         49,249.08         \$         73,461.58         \$         146,099.08         \$         218,736.58         \$         266,922.51         \$         327,490.8           % Impact         \$         5,684.38         \$         11,756.03         \$         299,970.98         \$         48,185.93         \$         606,329.2           gulatory         11.5%         16.0%         20.5%         22.0%         20.0%         20.0%         20.0%
\$ Impact       \$ 54,933.46       \$ 85,217.61       \$ 176,070.06       \$ 266,922.51       \$ 327,490.8         % Impact       \$ 49,249.08       \$ 73,461.58       \$ 146,099.08       \$ 218,736.58       \$ 267,161.5         % of Total Bill       \$ 5,684.38       \$ 11,756.03       \$ 29,970.98       \$ 48,185.93       \$ 60,329.2         11.5%       16.0%       20.5%       22.0%       22.0%       22.0%       22.0%         11.5%       16.0%       20.5%       22.0%       22.0%       22.0%         Applied For Bill       16.7%       14.0%       11.5%       11.3%       10.8         Current Bill       \$ Impact       \$ 18,394.14       \$ 35,373.11       \$ 91,969.67       \$ 141,491.66       \$ 183,939.0         % Impact       \$ 18,394.14       \$ 35,373.11       \$ 91,969.67       \$ 141,491.66       \$ 183,939.0         % Impact       \$ 18,394.14       \$ 35,373.11       \$ 91,969.67       \$ 141,491.66       \$ 183,939.0         % Impact       \$ 18,394.14       \$ 35,373.11       \$ 91,969.67       \$ 141,491.66       \$ 183,939.0         \$ Current Bill       \$ 18,394.14       \$ 35,373.11       \$ 91,969.67       \$ 141,491.66       \$ 183,939.0         \$ Current Bill       \$ 18,394.14       \$ 35,373.11
% Impact       \$ 49,249.08       \$ 73,461.58       \$ 146,099.08       \$ 218,736.58       \$ 267,161.5         % of Total Bill       \$ 5,684.38       \$ 11,756.03       \$ 29,970.98       \$ 48,185.93       \$ 60,329.2         11.5%       16.0%       20.5%       22.0%       20.0%       20.0%       20.0%       20.0%       20.0%       20.0%       20.0%       20.0%       20.0%       20.0%
gulatory       % of Total Bill       \$ 5,684.38       \$ 11,756.03       \$ 29,970.98       \$ 48,185.93       \$ 60,329.2         11.5%       16.0%       20.5%       22.0%       22.6%         Applied For Bill       16.7%       14.0%       11.5%       11.3%       10.8         Current Bill       \$ Impact       \$ 18,394.14       \$ 35,373.11       \$ 91,969.67       \$ 141,491.66       \$ 183,939.0         % Impact       \$ 0,67 Total Bill       \$ 18,394.14       \$ 35,373.11       \$ 91,969.67       \$ 141,491.66       \$ 183,939.0         % of Total Bill       \$ 18,394.14       \$ 35,373.11       \$ 91,969.67       \$ 141,491.66       \$ 183,939.0         \$ -<
gulatory       11.5%       16.0%       20.5%       22.0%       22.6         Applied For Bill       16.7%       14.0%       11.5%       11.3%       10.8         Current Bill       \$       18,394.14       \$       35,373.11       \$       91,969.67       \$       141,491.66       \$       183,939.0         bt Retirement Charge       \$       18,394.14       \$       35,373.11       \$       91,969.67       \$       141,491.66       \$       183,939.0         Current Bill       \$       18,394.14       \$       35,373.11       \$       91,969.67       \$       141,491.66       \$       183,939.0         % of Total Bill       \$       18,394.14       \$       35,373.11       \$       91,969.67       \$       141,491.66       \$       183,939.0         % of Total Bill       \$       0.0%       0.
Applied For Bill       16.7%       14.0%       11.5%       11.3%       10.8         Current Bill       \$ Impact       \$ Impach       Im
Current Bill       \$ Impact         \$ Impact       \$ 35,373.11       \$ 91,969.67       \$ 141,491.66       \$ 183,939.0         % of Total Bill       \$ 18,394.14       \$ 35,373.11       \$ 91,969.67       \$ 141,491.66       \$ 183,939.0         bt Retirement Charge       \$ - \$       \$ 18,394.14       \$ 35,373.11       \$ 91,969.67       \$ 141,491.66       \$ 183,939.0         bt Retirement Charge       \$ - \$       \$ 18,394.14       \$ 35,373.11       \$ 91,969.67       \$ 141,491.66       \$ 183,939.0         Current Bill       \$ 0.0%       0.0%       0.0%       0.0%       \$ 0.0%       \$ 0.0%       \$ 0.0%         Applied For Bill       0.0%       0.0%       0.0%       \$ 0.0%       \$ 0.0%       \$ 0.0%         Kurrent Bill       5.6%       5.8%       \$ 6.0%       \$ 6.0%       \$ 6.0%         \$ Impact       \$ Impact       \$ Impact       \$ Impact       \$ Impact       \$ Impact         % Impact       \$ Impact
\$ Impact       \$ Impact       \$ 35,373.11       \$ 91,969.67       \$ 141,491.66       \$ 183,939.0         % of Total Bill       \$ 18,394.14       \$ 35,373.11       \$ 91,969.67       \$ 141,491.66       \$ 183,939.0         bt Retirement Charge       \$ - \$       - \$       - \$       - \$       - \$       141,491.66       \$ 183,939.0         bt Retirement Charge       \$ - \$       - \$<
% Impact       \$       18,394.14       \$       35,373.11       \$       91,969.67       \$       141,491.66       \$       183,939.0         % of Total Bill       \$       18,394.14       \$       35,373.11       \$       91,969.67       \$       141,491.66       \$       183,939.0         bt Retirement Charge       \$       -       \$       -       \$       -       \$       141,491.66       \$       183,939.0         bt Retirement Charge       \$       -       \$       -       \$       -       \$       -       \$       141,491.66       \$       183,939.0         bt Retirement Charge       \$       -       \$       -       \$       -       \$       -       \$       -       \$       141,491.66       \$       183,939.0         bt Retirement Charge       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -
bt Retirement Charge       % of Total Bill       \$ 18,394.14       \$ 35,373.11       \$ 91,969.67       \$ 141,491.66       \$ 183,939.0         bt Retirement Charge       \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
St Retirement Charge       \$       -       \$
Applied For Bill       0.0%       0.0
Current Bill 5.6% 5.8% 6.0% 6.0% 6.0% 6.0% 6.0%
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<b>T</b> \$ 18,200.00 \$ 35,000.00 \$ 91,000.00 \$ 140,000.00 \$ 182,000.0
Applied For Bill \$ - \$ - \$ - \$ - \$ - \$ -
Current Bill         0.0%
\$ Impact 5.5% 5.7% 5.9% 5.9% 6.0
% Impact
% of Total Bill
tal Bill \$ 37,888.98 \$ 70,209.21 \$ 176,630.98 \$ 271,226.39 \$ 350,058.4
Applied For Bill \$ 37,150.01 \$ 68,680.92 \$ 172,734.75 \$ 264,962.21 \$ 342,215.6
Current Bill \$ 738.97 \$ 1,528.29 \$ 3,896.23 \$ 6,264.18 \$ 7,842.8
\$ Impact 2.0% 2.2% 2.3% 2.4% 2.3
% Impact 11.5% 11.5% 11.5% 11.5% 11.5% 11.5%
\$ 329,342.66 \$ 610,280.02 \$ 1,535,330.82 \$ 2,357,583.20 \$ 3,042,816.0

#### Unmetered Scattered Load

Monthly Rates and Charges	Metric	<b>Current Rate</b>	Applied For Rate
Service Charge	\$	13.57	14.57
Service Charge Rate Adder(s)	\$	-	-
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0369	0.0396
Distribution Volumetric Rate Adder(s)	\$/kWh	-	-
Low Voltage Volumetric Rate	\$/kWh	0.0002	0.0002
Distribution Volumetric Rate Rider(s)	\$/kWh	- 0.0030	- 0.0010
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0055	0.0054
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0047	0.0046
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	2,000	kWh	0 kW
RPP Tier One	750	kWh	Load Factor

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%	14.91%
Energy Second Tier (kWh)	1,322	0.0750	99.15	1,322	0.0750	99.15	0.00	0.0%	30.33%
Sub-Total: Energy			147.90			147.90	0.00	0.0%	45.24%
Service Charge	1	13.57	13.57	1	14.57	14.57	1.00	7.4%	4.46%
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	2,000	0.0369	73.80	2,000	0.0396	79.20	5.40	7.3%	24.22%
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	0.0002	0.40	2,000	0.0002	0.40	0.00	0.0%	0.12%
Distribution Volumetric Rate Rider(s)	2,000	-0.0030	-6.00	2,000	-0.0010	-2.00	4.00	(66.7)%	-0.61%
Total: Distribution			81.77			92.17	10.40	12.7%	28.19%
Retail Transmission Rate – Network Service Rate	2,072	0.0055	11.40	2,072	0.0054	11.19	-0.21	(1.8)%	3.42%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,072	0.0047	9.74	2,072	0.0046	9.53	-0.21	(2.2)%	2.91%
Total: Retail Transmission			21.14			20.72	-0.42	(2.0)%	6.34%
Sub-Total: Delivery (Distribution and Retail Transmission)			102.91			112.89	9.98	9.7%	34.53%
Wholesale Market Service Rate	2,072	0.0052	10.77	2,072	0.0052	10.77	0.00	0.0%	3.29%
Rural Rate Protection Charge	2,072	0.0013	2.69	2,072	0.0013	2.69	0.00	0.0%	0.82%
Special Purpose Charge	2,072	0.0004	0.83	2,072	0.0004	0.83	0.00	0.0%	0.25%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.08%
Sub-Total: Regulatory			14.54			14.54	0.00	0.0%	4.45%
Debt Retirement Charge (DRC)	2,000	0.00700	14.00	2,000	0.00700	14.00	0.00	0.0%	4.28%
Total Bill before Taxes			279.35			289.33	9.98	3.6%	<b>88.50%</b>
HST	279.35	13%	36.32	289.33	13%	37.61	1.29	3.6%	<b>11.50%</b>
Total Bill			315.67			326.94	11.27	3.6%	100.00%

Jnmetered Scattered Load	kWh	50	າດ		2,000		7,500		15,000	2	0,000
	Loss Factor Adjusted kWh	51			2,000		7,767		15,534		0,000 20,712
	kW	5	10		2,072		1,101		15,554	2	.0,712
	Load Factor										
Energy											
	Applied For Bill	\$ 33	3.67	\$	147.90	\$	575.03	\$	1,157.55	\$	1,545.90
	Current Bill				147.90		575.03				, 1,545.90
	\$ Impact	-	-	\$	-	\$	-	\$	-	\$	-
	% Impact		0.0%		0.0%		0.0%		0.0%		0.0
	% of Total Bill	3	7.2%		45.3%		47.8%		48.3%		48.49
Distribution											
	Applied For Bill				92.09		305.27	\$	595.97	\$	789.77
	Current Bill				81.77		269.32	\$		\$	695.57
	\$ Impact			\$	10.32	\$	35.95	\$		\$	94.20
	% Impact		0.9%		12.6%		13.3%		13.5%		13.59
	% of Total Bill	3	7.5%		28.2%		25.4%		24.9%		24.79
Retail Transmission	Applied For Dill	Ċ.	F 10	ć	20.72	ć		ć	155.24	4	207 12
	Applied For Bill		5.18		20.72		77.67	\$		\$	207.12
	Current Bill \$ Impact		0.10		21.14 0.42		79.22	\$ ¢	158.45 3.11	\$ ¢	211.27
	% Impact		1.9%	-Ş	-2.0%	-Ş	-2.0%	- <u>Ş</u>	-2.0%		-2.09
	% of Total Bill		5.7%		6.3%		6.5%		6.5%		6.5
Delivery (Distribution and Retail Transmission)			01770		01070		0.070		0.070		0107
,	Applied For Bill	\$ 3	9.13	Ś	112.81	Ś	382.94	\$	751.31	Ś	996.89
	Current Bill				102.91		348.54	\$			906.84
	\$ Impact				9.90		34.40	\$		\$	90.05
	% Impact		9.0%		9.6%		9.9%		9.9%		9.9
	% of Total Bill	4	3.2%		34.5%		31.8%		31.3%		31.29
Regulatory											
	Applied For Bill		3.82		14.54		53.85	\$		\$	143.16
	Current Bill		3.82	- ·	14.54		53.85	\$	107.43	\$	143.16
	\$ Impact		-	\$	-	\$	-	\$	-	\$	-
	% Impact		0.0%		0.0%		0.0%		0.0%		0.0%
Nak ( Dating way ( Okan wa	% of Total Bill		4.2%		4.4%		4.5%		4.5%		4.5%
Debt Retirement Charge	Applied For Dill	· ځ	2 5 0	ć	14.00	ć	52.50	ć	105.00	4	140.00
	Applied For Bill Current Bill		3.50		14.00 14.00		52.50 52.50	<del>ې</del> \$	105.00 105.00	<del>ې</del> \$	140.00 140.00
	\$ Impact		-	<del>ې</del> \$	- 14.00	<u>\$</u> \$	- 52.30	\$ \$	-	ې \$	- 140.00
	% Impact		0.0%	Ļ	0.0%	Ļ	0.0%	Ļ	0.0%		0.09
	% of Total Bill		3.9%		4.3%		4.4%		4.4%		4.4%
SST											
	Applied For Bill	\$ 10	0.42	\$	37.60	\$	138.36	\$	275.77	\$	367.37
	Current Bill				36.32		133.89	\$		, \$	355.67
	\$ Impact				1.28		4.47		8.81		11.70
	% Impact	_	4.2%		3.5%		3.3%		3.3%	_	3.3%
	% of Total Bill	1	1.5%		11.5%		11.5%		11.5%		11.59
otal Bill											
otal Bill	Applied For Bill				326.85		1,202.68				
otal Bill	Applied For Bill Current Bill \$ Impact	\$8	6.89	\$	326.85 315.67 11.18	\$	1,202.68 1,163.81 38.87		2,320.46		<mark>3,193.32</mark> 3,091.57 101.75

# Sentinel Lighting

Monthly Rates and Charges	Metric	<b>Current Rate</b>	Applied For Rate
Service Charge	\$	2.34	2.87
Service Charge Rate Adder(s)	\$	-	-
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	15.4572	18.9589
Distribution Volumetric Rate Adder(s)	\$/kW	-	-
Low Voltage Volumetric Rate	\$/kW	0.0570	0.0570
Distribution Volumetric Rate Rider(s)	\$/kW	- 1.3348	- 0.5060
Retail Transmission Rate – Network Service Rate	\$/kW	1.6923	1.6564
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4809	1.4346
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	180	kWh	0.50
RPP Tier One	750	kWh	Load Factor

Sentinel Lighting	Volume	RATE	CHARGE	Volume	RATE	CHARGE	\$	%	% of Total
		\$	\$		\$	\$	Ť		Bill
Energy First Tier (kWh)	187	0.0650	12.16	187	0.0650	12.16	0.00	0.0%	37.59%
Energy Second Tier (kWh)	0	0.0750	0.00	0	0.0750	0.00	0.00	0.0%	0.00%
Sub-Total: Energy			12.16			12.16	0.00	0.0%	37.59%
Service Charge	1	2.34	2.34	1	2.87	2.87	0.53	22.6%	8.87%
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	0.50	15.4572	7.73	0.50	18.9589	9.48	1.75	22.6%	29.30%
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	0.0570	0.03	0.50	0.0570	0.03	0.00	0.0%	0.09%
Distribution Volumetric Rate Rider(s)	0.50	-1.3348	-0.67	0.50	-0.5060	-0.25	0.42	(62.7)%	-0.77%
Total: Distribution			9.43			12.13	2.70	28.6%	37.50%
Retail Transmission Rate – Network Service Rate	0.50	1.6923	0.85	0.50	1.6564	0.83	-0.02	(2.4)%	2.57%
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.50	1.4809	0.74	0.50	1.4346	0.72	-0.02	(2.7)%	2.23%
Total: Retail Transmission			1.59			1.55	-0.04	(2.5)%	4.79%
Sub-Total: Delivery (Distribution and Retail Transmission)			11.02			13.68	2.66	24.1%	42.29%
Wholesale Market Service Rate	187	0.0052	0.97	187	0.0052	0.97	0.00	0.0%	3.00%
Rural Rate Protection Charge	187	0.0013	0.24	187	0.0013	0.24	0.00	0.0%	0.74%
Special Purpose Charge	187	0.0004	0.07	187	0.0004	0.07	0.00	0.0%	0.22%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.77%
Sub-Total: Regulatory			1.53			1.53	0.00	0.0%	4.73%
Debt Retirement Charge (DRC)	180	0.00700	1.26	180	0.00700	1.26	0.00	0.0%	3.89%
Total Bill before Taxes			25.97			28.63	2.66	10.2%	88.50%
HST	25.97	13%	3.38	28.63	13%	3.72	0.34	10.1%	11.50%
Total Bill			29.35		-	32.35	3.00	10.2%	100.00%

kW	
<b>49.3%</b>	

Continal Lighting							
Sentinel Lighting	kWh	70	130		180		270
	Loss Factor Adjusted kWh	73	135		187		280
	kW	0.20	0.35		0.50		200 0.75
	Load Factor	48.0%	50.9%		49.3%		19.39
Energy		10.070	00.070		10.070		0.0
	Applied For Bill	\$ 4.74	\$ 8.77	\$	12.15	\$	18
	Current Bill	\$ 4.74	\$ 8.77	\$	12.15	\$	18
	\$ Impact	\$ - \$	\$-	\$	-	\$	
	% Impact		0.0%		0.0%		C
	% of Total Bill	31.9%	36.5%		37.6%		39
Distribution							
	Applied For Bill			\$	12.13	Ş	16
		\$ 5.17		<u>\$</u>	9.43	\$	12
	-	<u>\$ 1.40 5</u> 27.1%		\$	2.70	\$	3
	% Impact % of Total Bill		28.1% 38.9%		28.6% 37.5%		29 35
Retail Transmission	% 01 10tal bii	44.270	58.570		57.570		5.
	Applied For Bill	\$ 0.62	\$ 1.08	Ś	1.55	Ś	2
		\$ 0.64		\$	1.59	\$	2
		-\$ 0.02 -			0.04		C
	% Impact	-3.1%	-2.7%		-2.5%		-2
	% of Total Bill	4.2%	4.5%		4.8%		5
Delivery (Distribution and Retail Transmission)							
	Applied For Bill			\$	13.68	\$	19
		\$ 5.81		\$	11.02		15
		\$ 1.38		\$	2.66	\$	3
	% Impact		24.0%		24.1%		24
2 agulatory	% of Total Bill	48.3%	43.3%		42.3%		40
Regulatory	Applied For Bill	\$ 0.75	\$ 1.18	ć	1.53	\$	2
		\$ 0.75 S			1.53		2
	\$ Impact		<u>, 1.10</u>	\$	-	\$	
	% Impact		0.0%		0.0%		C
	% of Total Bill		4.9%		4.7%		4
Debt Retirement Charge							
-	Applied For Bill	\$ 0.49	\$ 0.91	\$	1.26	\$	1
	Current Bill	\$ 0.49	\$ 0.91	\$	1.26	\$	1
	\$ Impact		\$-	\$	-	\$	
	% Impact		0.0%		0.0%		C
	% of Total Bill	3.3%	3.8%		3.9%		Z
SST		6 4 <b>7</b> 4	÷ 0.77	<u> </u>	0.70	4	_
	Applied For Bill				3.72		5
		\$ 1.53 \$ 0.18			3.37 0.35		4
	% Impact		10.4%		10.4%		
	% of Total Bill		11.5%		10.4%		11
otal Bill		11.070	11.570		11.070		
		\$ 1/1 88	\$ 24.06	Ś	32.34	\$	46
	Applied For Bill	J 14.00	24.00		JZ.J7		
	Applied For Bill Current Bill	\$ 13.32			29.33	\$	
	Current Bill		\$ 21.78			\$	42 4

	270	360			
	280	373			
(	).75	1.00			
4	9.3%	49.3%			
\$	18.20	\$	24.24		
\$	18.20				
\$ \$ \$	-	\$	- 24.24		
	0.0%		0.0%		
	39.0%		39.7%		
\$	16.75	\$	21.38		
\$ \$ \$	12.97	\$ \$	16.53		
\$	3.78	\$	4.85		
	29.1%		29.3%		
	35.9%		35.0%		
\$	2.32	\$	3.09		
\$	2.38	\$ -\$	3.17		
\$ \$ -\$	0.06	-\$	0.08		
	-2.5%		-2.5%		
	5.0%		5.1%		
\$	19.07	\$	24.47		
\$ \$ \$	15.35	\$	19.70		
\$	3.72	\$	4.77		
	24.2%		24.2%		
	40.8%		40.1%		
\$	2.18	\$	2.82		
\$	2.18	\$	2.82		
\$	_	\$	-		
	0.0%		0.0%		
	4.7%		4.6%		
\$	1.89	\$	2.52		
\$ \$ \$	1.89	\$ \$ \$	2.52		
\$	-	\$	-		
	0.0%		0.0%		
	4.0%		4.1%		
\$	5.37	\$	7.03		
\$ \$ \$	4.89	\$ \$ \$	6.41		
\$	0.48	\$	0.62		
	9.8%	-	9.7%		
	11.5%		11.5%		
\$	46.71	\$	61.08		
\$ \$ \$	42.51	\$ \$	55.69		
Ś	4 20	Ś	5.39		

4.20\$5.399.9%9.7%

Name of LDC: Bluewater Power Distribution Corporation File Number: EB-2010-0065 Sunday, May 01, 2011 Effective Date: Version : 1.9

# Street Lighting

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate						
Service Charge	\$	1.62	1.87						
Service Charge Rate Adder(s)	\$	-	-						
Service Charge Rate Rider(s)	\$	-	-						
Distribution Volumetric Rate	\$/kW	12.5074	14.4684						
Distribution Volumetric Rate Adder(s)	\$/kW	-	-						
Low Voltage Volumetric Rate	\$/kW	0.0558	0.0558						
Distribution Volumetric Rate Rider(s)	\$/kW	- 1.0045	- 0.2778						
Retail Transmission Rate – Network Service Rate	\$/kW	1.6837	1.6479						
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4507	1.4054						
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						
	<u> </u>				_				
Consumption	37	kWh	0.10	kW		Loss Factor	1.0356		
RPP Tier One	750	kWh	Load Factor	<b>50.7%</b>					
Street Lighting	Volume	RATE	CHARGE	Volume	RATE	CHARGE	\$	%	% of Total
	volume	\$	\$		\$	\$	-		Bill
Energy First Tier (kWh)	39	0.0650	2.54	39	0.0650	2.54	0.00	0.0%	32.48%
Energy Second Tier (kWh)	0	0.0750	0.00	0	0.0750	0.00	0.00	0.0%	0.00%
Sub-Total: Energy			2.54			2.54	0.00	0.0%	32.48%
Service Charge	1	1.62	1.62	1	1.87	1.87	0.25	15.4%	23.91%
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	12.5074	1.25	0.10	14.4684	1.45	0.20	16.0%	18.54%
Distribution Volumetric Rate Adder(s)	0 4 0								
Low Voltage Volumetric Rate	0.10	0.0000	0.00	0.10	0.0000	0.00	0.00	0.0%	0.00%
	0.10	0.0558	0.00 0.01	0.10	0.0558	0.01	0.00 0.00	0.0%	0.13%
Distribution Volumetric Rate Rider(s)			0.00 0.01 -0.10			0.01 -0.03	0.00 0.00 0.07	0.0% (70.0)%	0.13% -0.38%
Distribution Volumetric Rate Rider(s) Total: Distribution	0.10 0.10	0.0558 -1.0045	0.00 0.01 -0.10 <b>2.78</b>	0.10 0.10	0.0558 -0.2778	0.01 -0.03 <b>3.30</b>	0.00 0.00 0.07 <b>0.52</b>	0.0% (70.0)% <b>18.7%</b>	0.13% -0.38% <b>42.20%</b>
Distribution Volumetric Rate Rider(s) Total: Distribution Retail Transmission Rate – Network Service Rate	0.10 0.10 0.10	0.0558 -1.0045 1.6837	0.00 0.01 -0.10 <b>2.78</b> 0.17	0.10 0.10 0.10	0.0558 -0.2778 1.6479	0.01 -0.03 <b>3.30</b> 0.16	0.00 0.00 0.07 <b>0.52</b> -0.01	0.0% (70.0)% <b>18.7%</b> (5.9)%	0.13% -0.38% <b>42.20%</b> 2.05%
Distribution Volumetric Rate Rider(s) Total: Distribution Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate	0.10 0.10	0.0558 -1.0045	0.00 0.01 -0.10 <b>2.78</b> 0.17 0.15	0.10 0.10	0.0558 -0.2778	0.01 -0.03 <b>3.30</b> 0.16 0.14	0.00 0.00 0.07 <b>0.52</b> -0.01 -0.01	0.0% (70.0)% <b>18.7%</b> (5.9)% (6.7)%	0.13% -0.38% <b>42.20%</b> 2.05% 1.79%
Distribution Volumetric Rate Rider(s) Total: Distribution Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Total: Retail Transmission	0.10 0.10 0.10	0.0558 -1.0045 1.6837	0.00 0.01 -0.10 <b>2.78</b> 0.17 0.15 <b>0.32</b>	0.10 0.10 0.10	0.0558 -0.2778 1.6479	0.01 -0.03 <b>3.30</b> 0.16 0.14 <b>0.30</b>	0.00 0.00 0.07 0.52 -0.01 -0.01 -0.02	0.0% (70.0)% <b>18.7%</b> (5.9)% (6.7)% (6.3)%	0.13% -0.38% <b>42.20%</b> 2.05% 1.79% <b>3.84%</b>
Distribution Volumetric Rate Rider(s) Total: Distribution Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate Total: Retail Transmission Sub-Total: Delivery (Distribution and Retail Transmission)	0.10 0.10 0.10 0.10	0.0558 -1.0045 1.6837 1.4507	0.00 0.01 -0.10 <b>2.78</b> 0.17 0.15 <b>0.32</b> <b>3.10</b>	0.10 0.10 0.10 0.10	0.0558 -0.2778 1.6479 1.4054	0.01 -0.03 <b>3.30</b> 0.16 0.14 <b>0.30</b> <b>3.60</b>	0.00 0.07 0.52 -0.01 -0.01 -0.02 0.50	0.0% (70.0)% <b>18.7%</b> (5.9)% (6.7)% (6.3)% 16.1%	0.13% -0.38% 42.20% 2.05% 1.79% 3.84% 46.04%
Distribution Volumetric Rate Rider(s)         Total: Distribution         Retail Transmission Rate – Network Service Rate         Retail Transmission Rate – Line and Transformation Connection Service Rate         Total: Retail Transmission         Sub-Total: Delivery (Distribution and Retail Transmission)         Wholesale Market Service Rate	0.10 0.10 0.10 0.10 0.10 39	0.0558 -1.0045 1.6837 1.4507 0.0052	0.00 0.01 -0.10 <b>2.78</b> 0.17 0.15 <b>0.32</b> <b>3.10</b> 0.20	0.10 0.10 0.10 0.10 39	0.0558 -0.2778 1.6479 1.4054 0.0052	0.01 -0.03 <b>3.30</b> 0.16 0.14 <b>0.30</b> <b>3.60</b> 0.20	0.00 0.00 0.07 <b>0.52</b> -0.01 -0.01 <b>-0.02</b> 0.50 0.00	0.0% (70.0)% <b>18.7%</b> (5.9)% (6.7)% (6.3)% 16.1% 0.0%	0.13% -0.38% <b>42.20%</b> 2.05% 1.79% <b>3.84%</b> <b>46.04%</b> 2.56%
Distribution       Volumetric Rate Rider(s)         Total:       Distribution         Retail Transmission Rate – Network Service Rate         Retail Transmission Rate – Line and Transformation Connection Service Rate         Total:       Retail Transmission         Sub-Total:       Delivery (Distribution and Retail Transmission)         Wholesale Market Service Rate         Rural Rate Protection Charge	0.10 0.10 0.10 0.10 0.10 39 39	0.0558 -1.0045 1.6837 1.4507 0.0052 0.0013	0.00 0.01 -0.10 <b>2.78</b> 0.17 0.15 <b>0.32</b> <b>3.10</b> 0.20 0.05	0.10 0.10 0.10 0.10 39 39	0.0558 -0.2778 1.6479 1.4054 0.0052 0.0013	0.01 -0.03 <b>3.30</b> 0.16 0.14 <b>0.30</b> <b>3.60</b> 0.20 0.05	0.00 0.07 0.52 -0.01 -0.01 -0.02 0.50 0.00 0.00	0.0% (70.0)% <b>18.7%</b> (5.9)% (6.7)% (6.3)% 16.1% 0.0%	0.13% -0.38% <b>42.20%</b> 2.05% 1.79% <b>3.84%</b> <b>46.04%</b> 2.56% 0.64%
Distribution Volumetric Rate Rider(s)         Total: Distribution         Retail Transmission Rate – Network Service Rate         Retail Transmission Rate – Line and Transformation Connection Service Rate         Total: Retail Transmission         Sub-Total: Delivery (Distribution and Retail Transmission)         Wholesale Market Service Rate         Rural Rate Protection Charge         Special Purpose Charge	0.10 0.10 0.10 0.10 0.10 39	0.0558 -1.0045 1.6837 1.4507 0.0052 0.0013 0.0004	0.00 0.01 -0.10 <b>2.78</b> 0.17 0.15 <b>0.32</b> <b>3.10</b> 0.20 0.05 0.02	0.10 0.10 0.10 0.10 39	0.0558 -0.2778 1.6479 1.4054 0.0052 0.0013 0.0004	0.01 -0.03 <b>3.30</b> 0.16 0.14 <b>0.30</b> <b>3.60</b> 0.20 0.05 0.02	0.00 0.07 0.52 -0.01 -0.01 -0.02 0.50 0.00 0.00 0.00	0.0% (70.0)% <b>18.7%</b> (5.9)% (6.7)% <b>(6.3)%</b> <b>16.1%</b> 0.0% 0.0%	0.13% -0.38% <b>42.20%</b> 2.05% 1.79% <b>3.84%</b> <b>46.04%</b> 2.56% 0.64% 0.26%
Distribution Volumetric Rate Rider(s)         Total: Distribution         Retail Transmission Rate – Network Service Rate         Retail Transmission Rate – Line and Transformation Connection Service Rate         Total: Retail Transmission         Sub-Total: Delivery (Distribution and Retail Transmission)         Wholesale Market Service Rate         Rural Rate Protection Charge         Special Purpose Charge         Standard Supply Service – Administration Charge (if applicable)	0.10 0.10 0.10 0.10 0.10 39 39	0.0558 -1.0045 1.6837 1.4507 0.0052 0.0013	0.00 0.01 -0.10 <b>2.78</b> 0.17 0.15 <b>0.32</b> <b>3.10</b> 0.20 0.05 0.02 0.02 0.25	0.10 0.10 0.10 0.10 39 39	0.0558 -0.2778 1.6479 1.4054 0.0052 0.0013	0.01 -0.03 <b>3.30</b> 0.16 0.14 <b>0.30</b> <b>3.60</b> 0.20 0.05 0.02 0.02 0.25	0.00 0.00 0.07 0.52 -0.01 -0.01 -0.02 0.50 0.00 0.00 0.00 0.00	0.0% (70.0)% <b>18.7%</b> (5.9)% (6.7)% <b>(6.3)%</b> <b>16.1%</b> 0.0% 0.0%	0.13% -0.38% <b>42.20%</b> 2.05% 1.79% <b>3.84%</b> <b>46.04%</b> 2.56% 0.64% 0.26% 3.20%
Distribution Volumetric Rate Rider(s)         Total: Distribution         Retail Transmission Rate – Network Service Rate         Retail Transmission Rate – Line and Transformation Connection Service Rate         Total: Retail Transmission         Sub-Total: Delivery (Distribution and Retail Transmission)         Wholesale Market Service Rate         Rural Rate Protection Charge         Special Purpose Charge         Standard Supply Service – Administration Charge (if applicable)         Sub-Total: Regulatory	0.10 0.10 0.10 0.10 39 39 39 39 1	0.0558 -1.0045 1.6837 1.4507 0.0052 0.0013 0.0004 0.25	0.00 0.01 -0.10 <b>2.78</b> 0.17 0.15 <b>0.32</b> <b>3.10</b> 0.20 0.05 0.02	0.10 0.10 0.10 0.10 39 39 39 39 1	0.0558 -0.2778 1.6479 1.4054 0.0052 0.0013 0.0004 0.25	0.01 -0.03 <b>3.30</b> 0.16 0.14 <b>0.30</b> <b>3.60</b> 0.20 0.05 0.02	0.00 0.07 0.52 -0.01 -0.01 -0.02 0.50 0.00 0.00 0.00	0.0% (70.0)% <b>18.7%</b> (5.9)% (6.7)% <b>(6.3)%</b> <b>0.0%</b> 0.0% 0.0% 0.0% 0.0%	0.13% -0.38% <b>42.20%</b> 2.05% 1.79% <b>3.84%</b> <b>46.04%</b> 2.56% 0.64% 0.26% 3.20% <b>6.65%</b>
Distribution Volumetric Rate Rider(s)         Total: Distribution         Retail Transmission Rate – Network Service Rate         Retail Transmission Rate – Line and Transformation Connection Service Rate         Total: Retail Transmission         Sub-Total: Delivery (Distribution and Retail Transmission)         Wholesale Market Service Rate         Rural Rate Protection Charge         Special Purpose Charge         Standard Supply Service – Administration Charge (if applicable)         Sub-Total: Regulatory         Debt Retirement Charge (DRC)	0.10 0.10 0.10 0.10 0.10 39 39	0.0558 -1.0045 1.6837 1.4507 0.0052 0.0013 0.0004	0.00 0.01 -0.10 <b>2.78</b> 0.17 0.15 <b>0.32</b> <b>3.10</b> 0.20 0.05 0.02 0.02 0.25	0.10 0.10 0.10 0.10 39 39 39 39	0.0558 -0.2778 1.6479 1.4054 0.0052 0.0013 0.0004	0.01 -0.03 <b>3.30</b> 0.16 0.14 <b>0.30</b> <b>3.60</b> 0.20 0.05 0.02 0.02 0.25	0.00 0.00 0.07 0.52 -0.01 -0.01 -0.02 0.50 0.00 0.00 0.00 0.00	0.0% (70.0)% <b>18.7%</b> (5.9)% (6.7)% <b>(6.3)%</b> <b>16.1%</b> 0.0% 0.0%	0.13% -0.38% <b>42.20%</b> 2.05% 1.79% <b>3.84%</b> <b>46.04%</b> 2.56% 0.64% 0.26% 3.20%
Distribution       Volumetric Rate Rider(s)         Total:       Distribution         Retail Transmission Rate – Network Service Rate         Retail Transmission Rate – Line and Transformation Connection Service Rate         Total:       Retail Transmission         Sub-Total:       Delivery (Distribution and Retail Transmission)         Wholesale Market Service Rate         Rural Rate Protection Charge         Special Purpose Charge         Standard Supply Service – Administration Charge (if applicable)         Sub-Total:       Regulatory	0.10 0.10 0.10 0.10 39 39 39 39 1	0.0558 -1.0045 1.6837 1.4507 0.0052 0.0013 0.0004 0.25	0.00 0.01 -0.10 <b>2.78</b> 0.17 0.15 <b>0.32</b> <b>3.10</b> 0.20 0.05 0.02 0.25 <b>0.52</b>	0.10 0.10 0.10 0.10 39 39 39 39 1	0.0558 -0.2778 1.6479 1.4054 0.0052 0.0013 0.0004 0.25	0.01 -0.03 3.30 0.16 0.14 0.30 3.60 0.20 0.05 0.02 0.02 0.25 0.52	0.00 0.07 0.52 -0.01 -0.01 -0.02 0.50 0.00 0.00 0.00 0.00 0.00 0.00	0.0% (70.0)% <b>18.7%</b> (5.9)% (6.7)% <b>(6.3)%</b> <b>0.0%</b> 0.0% 0.0% 0.0% 0.0%	0.13% -0.38% <b>42.20%</b> 2.05% 1.79% <b>3.84%</b> <b>46.04%</b> 2.56% 0.64% 0.26% 3.20% <b>6.65%</b>
Distribution Volumetric Rate Rider(s)         Total: Distribution         Retail Transmission Rate – Network Service Rate         Retail Transmission Rate – Line and Transformation Connection Service Rate         Total: Retail Transmission         Sub-Total: Delivery (Distribution and Retail Transmission)         Wholesale Market Service Rate         Rural Rate Protection Charge         Special Purpose Charge         Standard Supply Service – Administration Charge (if applicable)         Sub-Total: Regulatory         Debt Retirement Charge (DRC)	0.10 0.10 0.10 0.10 39 39 39 39 1	0.0558 -1.0045 1.6837 1.4507 0.0052 0.0013 0.0004 0.25	0.00 0.01 -0.10 <b>2.78</b> 0.17 0.15 <b>0.32</b> <b>3.10</b> 0.20 0.05 0.02 0.05 0.02 0.25 <b>0.52</b> <b>0.26</b>	0.10 0.10 0.10 0.10 39 39 39 39 1	0.0558 -0.2778 1.6479 1.4054 0.0052 0.0013 0.0004 0.25	0.01 -0.03 3.30 0.16 0.14 0.30 3.60 0.20 0.05 0.02 0.25 0.25 0.52 0.26	0.00 0.07 0.52 -0.01 -0.01 <b>-0.02</b> 0.50 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.0% (70.0)% <b>18.7%</b> (5.9)% (6.7)% <b>(6.3)%</b> <b>16.1%</b> 0.0% 0.0% 0.0% 0.0% <b>0.0%</b>	0.13% -0.38% <b>42.20%</b> 2.05% 1.79% <b>3.84%</b> <b>46.04%</b> 2.56% 0.64% 0.26% 3.20% <b>6.65%</b> <b>3.32%</b>

W	
7%	

Street Lighting							
Street Lighting	kWh	37	73		110		146
	Loss Factor Adjusted kWh	39	76		114		152
	kW	0.10	0.20		0.30		).40
	Load Factor	50.7%	50.0%		50.3%		0.09
Energy	Angelie d. Fen Dill	é a ra	ć 404	ć	7.44	<i>c</i>	0
	Applied For Bill Current Bill					\$ ¢	9
	\$ Impact		\$ 4.94 \$ -	\$ \$	7.41	<u>ې</u> \$	9
	% Impact		<u> </u>	-	0.0%	Ş	0
	% inpact % of Total Bill	32.4%	37.9%		40.3%		41
Distribution		52.470	57.570		40.570		71
	Applied For Bill	\$ 3,30	\$ 4.71	Ś	6.15	Ś	7
	Current Bill			\$	5.09	\$	6
		\$ 0.52		\$		\$	1
	% Impact		19.8%		20.8%		21
	% of Total Bill	42.3%	36.1%		33.4%		31
Retail Transmission							
	Applied For Bill	\$ 0.30	\$ 0.61	\$	0.91	\$	1
	Current Bill	\$ 0.32	\$ 0.63	\$	0.95	\$	1
	\$ Impact	-\$ 0.02	-\$ 0.02	-\$	0.04	-\$	0
	% Impact	-6.3%	-3.2%		-4.2%		-2
	% of Total Bill	3.8%	4.7%		4.9%		5
elivery (Distribution and Retail Transmission)							
	Applied For Bill				7.06		8
	Current Bill			\$	6.04		7
	•	\$ 0.50		\$	1.02	\$	1
	% Impact		16.7%		16.9%		17
	% of Total Bill	46.1%	40.8%		38.4%		37
Regulatory	Applied For Dill	ć 0.50	ć 0.70	ė	1.04	ć	1
	Applied For Bill				1.04		1
	Current Bill		\$ 0.78 \$ -	\$ \$	1.04	<u>ې</u> \$	1
	\$ Impact % Impact		<u> </u>		- 0.0%	Ş	0
	% of Total Bill	0.0% 6.7%	0.0% 6.0%		5.7%		5
ebt Retirement Charge	20 01 10tal bill	0.770	0.076		5.770		J
	Applied For Bill	\$ 0.26	\$ 0.51	Ś	0.77	Ś	1
	Current Bill				0.77		1
	\$ Impact		\$ -	\$	-	\$	
	% Impact		0.0%		0.0%		0
	% of Total Bill		3.9%		4.2%		4
ST							
	Applied For Bill	\$ 0.90	\$ 1.50	\$	2.12	\$	2
	Current Bill	\$ 0.83	\$ 1.40	\$	1.98	\$	2
	\$ Impact	\$ 0.07	\$ 0.10	\$	0.14	\$	0
	% Impact	8.4%	7.1%		7.1%		6
	% of Total Bill	11.5%	11.5%		11.5%		11
otal Bill							
	Applied For Bill			\$	18.40	\$	23
	Current Bill			\$	17.24		22
	<b>.</b> .	A 0	+ <u></u>	<u> </u>	1.10	ċ	1
	\$ Impact	\$ 0.57 7.9%	\$ 0.86	\$	<u> </u>	Ş	

146		183			
152	190				
0.40	0.50				
0.40 50.0%					
50.0%	50.2%				
9.88		12.35			
9.88	\$	12.35			
-	\$ \$	-			
0.0%		0.0%			
41.7%		42.5%			
7 5 7	ć	0.00			
7.57	\$ \$ \$	8.99			
6.24	<u>Ş</u>	7.40			
	Ş	1.59			
21.3%		21.5%			
31.9%		30.9%			
1.22	\$	1.52			
1.25	\$ \$ -\$	1.57			
0.03	<u>ې</u>	0.05			
-2.4%	-,	-3.2%			
5.1%		5.2%			
8.79	\$ \$ \$	10.51			
7.49	\$	8.97			
1.30	\$	1.54			
17.4%		17.2%			
37.1%		36.2%			
1.30	\$	1.57			
1.30	\$ \$	1.57			
_	\$	_			
0.0%	Ŧ	0.0%			
5.5%		5.4%			
5.5%		5.470			
1.02	ć	1.28			
	ې د				
1.02	\$ \$ \$	1.28			
-	Ş	-			
0.0%		0.0%			
4.3%		4.4%			
2.73	\$	3.34			
2.56	\$ \$ \$	3.14			
0.17	\$	0.20			
6.6%		6.4%			
11.5%		11.5%			
23.72	\$	29.05			
22.25	¢	27.31			
	\$ \$				
1.47	Ş	1.74			
6.6%		6.4%			

6.6%

6.4%