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Administration
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March 3, 2009

Ms. Kirsten Walli
Board Secretary
Ontario Energy Board
P.O. Box 2319, 27th Floor
2300 Young Street
Toronto, ON M4P 1E4

Dear Ms. Walli:

Re: North Bay Hydro Distribution Limited
2009 Incentive Regulation Mechanism (2009 IRM) Rate Application
Board File Number EB-2008-0202

The attached information represents North Bay Hydro Distribution Limited's responses to Board staff interrogatories issued February 17, 2009.

This response includes the following Appendices:

- A. Revised Smart Meter Module
- B. Revised 2nd Generation Incentive Regulation Mechanism

An electronic version has been emailed to the Board Secretary's office and one filed through the Ontario Energy Board RESS filing system. Two hard copies have been forwarded by courier.

If you have any further questions or require any clarification please contact the undersigned.

Sincerely,

A handwritten signature in blue ink that reads "Cindy Tennant". The signature is fluid and cursive, with a large initial 'C'.

Cindy Tennant
Manager, Finance
North Bay Hydro Distribution Ltd.
(705) 474-8100 (310)
ctennant@northbayhydro.com

NBHDL Board File Number EB-2008-0202



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**REPLY SUBMISSION
TO
Ontario Energy Board Staff Submission**

2009 ELECTRICITY DISTRIBUTION RATES

**North Bay Hydro Distribution Limited
EB-2008-02-02**

March 3, 2009

Introduction

North Bay Hydro Distribution Limited (NBHDL) submitted an application on November 25, 2008 seeking approval for rates based on the 2009 Incentive Regulation Mechanism including a utility-specific smart meter funding adder. On February 2, 2009 NBHDL responded to the Board staff's interrogatories issued January 19, 2009 and revised their smart meter funding adder from \$1.89 to \$1.53. NBHDL are now responding to issues noted in the Board staff submission dated February 17, 2009.

Smart Meter OM&A Expenses

In response to Board staff's submission dated February 17, 2009, NBHDL is appreciative of the Board staff's concerns on why an estimated future period cost would be included in the calculation of the current funding adder. Therefore NBHDL is resubmitting the smart meter funding model and the 2009 Incentive Regulation Mechanism model excluding the \$17,680 related to this issue. The revised smart meter model calculates the smart meter funding adder to be \$1.47 down from \$1.53. (Appendix A) NBHDL has included a revised 2nd Generation Incentive Regulation Mechanism model to reflect the change in the smart meter funding adder. (Appendix B) The bill impact on the distribution component of an average customer's bill is as follows:

Residential customer using 1,000 kWh per month	5.0% increase
Small General Service using 2,000 kWh per month	2.5% increase
General Service > 50kW 40,000 kWh/100kW	.4% increase
General Service 3,000 to 4,999 kW 2,000,000 kWh/4,000 kWh	.2% increase

Smart Meter Funding Adder

As noted in the Board staff submission, it is NBHDL's proposal to dispose of the amounts collected from the current smart meter adder in 2010 after the smart meter installation is complete and actual expenses are confirmed. Under this assumption, the revised current proposed smart meter funding adder without dispositioning the forecasted amount collected to April 2009 would be \$1.47 in 2009 and the expected updated smart meter adder would be \$2.13 in 2010, an increase of \$.66 as demonstrated in the smart meter module Appendix A. If NBHDL used the standard funding adder of \$1.00 in 2009 instead of using the utility-specific option available the expected 2010 smart meter adder rates would increase by \$1.94 in 2010 to \$2.94 as demonstrated in the smart meter module. In NBHDL's view, moving from \$1.47 in 2009 to \$2.13 in 2010 is preferable compared to moving from \$1.00 in 2009 to \$2.94 in 2010. The preferred option promotes rate stability. (i.e. less year over year change) Therefore NBHDL requests the approval of the \$1.47 smart meter funding adder instead of the standard rate of \$1.00. Promoting rate stability is also an objective of North Bay Hydro and their Board of Directors.

In summary North Bay Hydro Distribution Limited believes they have answered the questions raised from the OEB's letter dated February 17, 2009.

All of which is respectfully submitted.

Sheet 1 Utility Information Sheet**Name of LDC:** North Bay Hydro Distribution Limited**Licence Number:** ED-2003-0024**Date of Submission:** Original 07/11/2008 - Revised 02/02/2009 - Revised 03/03/2009**Contact Information****Name:** Cindy Tennant**Title:** Manager Finance**Phone Number:** 705 474-8100 ext 310**E-Mail Address:** ctennant@northbayhydro.com

Sheet 4. Smart Meter Rev Req Calc

Smart Meter Revenue Requirement Calculation

Average Asset Values		2006		2007		2008		2009		2010		2011		Later	
		Actual		Actual		Forecasted		Forecasted		Forecasted		Forecasted		Forecasted	
Net Fixed Assets Smart Meters	Net Fixed Assets Smart Meters	\$3,151.75		\$20,534.00		\$47,780.74		\$ 1,683,882.17		\$ 3,210,212.80		\$3,048,768.10		\$ -	
	Net Fixed Assets Computer Hardware	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
	Net Fixed Assets Computer Software	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
	Net Fixed Assets Tools & Equipment	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
	Total Net Fixed Assets	\$3,151.75		\$20,534.00		\$47,780.74		\$ 1,683,882.17		\$ 3,210,212.80		\$3,048,768.10		\$ -	
Working Capital															
Operation Expense		\$ -		\$ 7,734.33		\$ 2,500.00		\$ 168,422.39		\$ 379,903.79		\$ 246,857.67		#####	
Working Capital %		\$ -		\$ 1,160.15		\$ 375.00		\$ 25,263.36		\$ 56,985.57		\$ 37,028.65		\$ 39,767.82	
Smart Meters Included in Rate Base		\$3,151.75		\$21,694.15		\$48,155.74		\$ 1,721,107.16		\$3,326,098.37		\$3,124,960.07		\$39,767.82	
Return on Rate Base															
Deemed Debt (LCC Assumptions and Data)		50.0%		50.0%		53.3%		56.7%		60.0%		60.0%		60.0%	
Deemed Equity (LCC Assumptions and Data)		50.0%		50.0%		46.7%		43.3%		40.0%		40.0%		40.0%	
Weighted Debt Ratio (LCC Assumptions and Data)		5.0%		5.0%		5.0%		5.0%		5.0%		5.0%		5.0%	
Proposed ROE (LCC Assumptions and Data)		9.0%		9.0%		9.0%		9.0%		8.6%		8.6%		8.6%	
Return on Rate Base		\$ 220.62		\$ 1,518.59		\$ 3,305.96		\$ 115,864.53		\$ 213,789.67		\$ 201,515.23		\$ 2,857.56	
Operating Expenses															
Incremental Operating Expenses (LCC Assumptions and Data)		\$ -		\$ 7,734.33		\$ 2,500.00		\$ 168,422.39		\$ 379,903.79		\$ 246,857.67		\$ 265,252.12	
Amortization Expenses															
Amortization Expenses - Smart Meters		\$ 217.36		\$ 1,431.13		\$ 3,407.53		\$ 115,106.88		\$ 229,614.03		\$ 234,308.66		\$ -	
Amortization Expenses - Computer Hardware		\$ -		\$ -		\$ -		\$ 2,004.35		\$ 5,697.80		\$ 5,697.80		\$ -	
Amortization Expenses - Computer Software		\$ -		\$ -		\$ -		\$ 2,848.67		\$ 5,697.80		\$ 5,697.80		\$ -	
Amortization Expenses - Tools & Equipment		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
Total Amortization Expenses		\$ 217.36		\$ 1,431.13		\$ 3,407.53		\$ 119,959.39		\$ 239,387.65		\$ 244,093.60		\$ -	
Revenue Requirement Before PILs		\$ 437.98		\$ 10,684.05		\$ 9,213.50		\$ 404,246.72		\$ 833,091.11		\$ 892,486.50		\$ 267,269.68	
Calculation of Taxable Income															
Incremental Operating Expenses		\$ -		\$ 7,734.33		\$ 2,500.00		\$ 168,422.39		\$ 379,903.79		\$ 246,857.67		\$ 265,252.12	
Depreciation Expenses		\$ 217.36		\$ 1,431.13		\$ 3,407.53		\$ 115,959.39		\$ 239,387.65		\$ 244,093.60		\$ 1,193.63	
Interest Expense		\$ 78.79		\$ 542.35		\$ 1,282.82		\$ 48,793.39		\$ 99,782.05		\$ 94,048.80		\$ -	
Taxable Income For PILs		\$ 141.83		\$ 976.24		\$ 2,023.15		\$ 67,071.55		\$ 114,017.52		\$ 107,466.43		\$ 1,383.93	
Grossed up PILs (6 Fy4)		\$ 74.52		\$ 480.18		\$ 891.45		\$ 24,213.82		\$ 33,161.02		\$ 39,389.40		\$ -	
Revenue Requirement Before PILs		\$ 437.98		\$ 10,684.05		\$ 9,213.50		\$ 404,246.72		\$ 833,091.11		\$ 892,486.50		\$ 267,269.68	
Grossed up PILs (6 Fy4)		\$ 74.52		\$ 480.18		\$ 891.45		\$ 24,213.82		\$ 33,161.02		\$ 39,389.40		\$ -	
Revenue Requirement for Smart Meters		\$ 512.51		\$ 11,164.22		\$ 10,104.94		\$ 428,460.54		\$ 866,252.12		\$ 931,875.90		\$ 267,269.68	

Adder's by Year if Current Collected is disposed of in 2010			
2009		2010	
\$ 428,460.54	N	\$ 821,924.51	N - collected
24,353	O = average # of customers	24,353	O = average # of customers
\$ 17.59	P = N/O	\$ 25.54	P = N/O
# of months in a year	12 Q	12 Q	
\$ 1.47	R = P/Q	\$ 2.13	R = P/Q
145%			
Adder's by Year if Current Collected is disposed of in 2009			
2009 Standard Smart Meter Adder		2010	
\$ 858,787.01	N	\$ 858,787.01	N
24,353	O = average # of customers	24,353	O = average # of customers
\$ 35.26	P = N/O	\$ 35.26	P = N/O
# of months in a year	12 Q	12 Q	
\$ 1.00	R = P/Q	\$ 2.84	R = P/Q
234%			

Sheet 5. PILs**PILs Calculation****INCOME TAX**

	2006	2007	2008	2009	2010	2011	Later
Net Income	Actual	Actual	Forecasted	Forecasted	Forecasted	Forecasted	Forecasted
Amortization	\$ 141.83	\$ 976.24	\$ 2,023.15	\$ 67,071.55	\$ 114,017.62	\$ 107,466.43	\$ -
CCA - Smart Meters	\$ 217.36	\$ 1,431.13	\$ 3,407.53	\$ 119,959.39	\$ 239,387.65	\$ 244,093.60	\$ -
CCA - Computers	\$ -	\$ 1,696.49	\$ -	\$ 3,932.45	\$ -	\$ 264,133.56	\$ -
CCA - Other Equipment	\$ -	\$ -	\$ -	\$ 15,429.73	\$ -	\$ 23,916.08	\$ -
Change in taxable income	\$ 98.36	\$ 710.88	\$ 1,498.22	\$ 33,945.10	\$ 65,355.63	\$ 89,756.17	\$ -
Tax Rate (3. LDC Assumptions and Data)	36.12%	36.12%	33.50%	33.00%	32.00%	30.50%	29.00%
Income Taxes Payable	\$ 35.53	\$ 256.77	\$ 501.91	\$ 11,201.88	\$ 20,913.80	\$ 27,375.63	\$ -

ONTARIO CAPITAL TAX

Smart Meters	\$ 6,303.50	\$ 34,764.51	\$ 60,756.98	\$ 3,267,207.37	\$ 3,153,218.23	\$ 2,944,317.97	\$ -
Computer Hardware	\$ -	\$ -	\$ -	\$ 38,082.56	\$ 34,073.87	\$ 30,065.18	\$ -
Computer Software	\$ -	\$ -	\$ -	\$ 25,640.69	\$ 19,942.76	\$ 14,244.83	\$ -
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate Base	\$ 6,303.50	\$ 34,764.51	\$ 60,756.98	\$ 3,330,930.62	\$ 3,207,234.86	\$ 2,988,627.98	\$ -
Less: Exemption	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Deemed Taxable Capital	\$ 6,303.50	\$ 34,764.51	\$ 60,756.98	\$ 3,330,930.62	\$ 3,207,234.86	\$ 2,988,627.98	\$ -
Ontario Capital Tax Rate	0.300%	0.225%	0.225%	0.225%	0.075%	0.000%	0.000%
Net Amount (Taxable Capital x Rate)	\$ 18.91	\$ 78.22	\$ 136.70	\$ 7,494.59	\$ 2,405.43	\$ -	\$ -

Gross Up

Change in Income Taxes Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable
Change in OCT	\$ 35.53	\$ 256.77	\$ 501.91	\$ 11,201.88	\$ 20,913.80	\$ 27,375.63	\$ -	\$ -
PIL's	\$ 18.91	\$ 78.22	\$ 136.70	\$ 7,494.59	\$ 2,405.43	\$ -	\$ -	\$ -
	\$ 54.44	\$ 334.99	\$ 638.61	\$ 18,696.48	\$ 23,319.23	\$ 27,375.63	\$ -	\$ -
Gross Up	36.12%	Gross Up	33.50%	Gross Up	33.00%	Gross Up	32.00%	Gross Up
Grossed Up	PILs	Grossed Up	PILs	Grossed Up	PILs	Grossed Up	PILs	Grossed Up
	\$ 55.61	\$ 401.96	\$ 754.74	\$ 16,719.23	\$ 30,755.59	\$ 39,389.40	\$ -	\$ -
Change in Income Taxes Payable	\$ 18.91	\$ 78.22	\$ 136.70	\$ 7,494.59	\$ 2,405.43	\$ -	\$ -	\$ -
Change in OCT	\$ 74.52	\$ 480.18	\$ 891.45	\$ 24,213.82	\$ 33,161.02	\$ 39,389.40	\$ -	\$ -
PIL's								

Sheet 6. Avg Net Fixed Assets & UCC**Smart Meter Average Net Fixed Assets****Net Fixed Assets - Smart Meters**

Opening Capital Investment
Capital Investment (3 LDC Assumptions and Data)
Closing Capital Investment

Opening Accumulated Amortization
Amortization (15 Years Straight Line)
Closing Accumulated Amortization

Opening Net Fixed Assets
Closing Net Fixed Assets
Average Net Fixed Assets

Net Fixed Assets - Computer Hardware

Opening Capital Investment
Capital Investment (3 LDC Assumptions and Data)
Closing Capital Investment

Opening Accumulated Amortization
Amortization (10 Years Straight Line)
Closing Accumulated Amortization

Opening Net Fixed Assets
Closing Net Fixed Assets
Average Net Fixed Assets

Net Fixed Assets - Computer Software

Opening Capital Investment
Capital Investment (3 LDC Assumptions and Data)
Closing Capital Investment

Opening Accumulated Amortization
Amortization Year 1 (5 Years Straight Line)
Closing Accumulated Amortization

Opening Net Fixed Assets
Closing Net Fixed Assets
Average Net Fixed Assets

2006	2007	2008	2009	2010	2011
Actual	Actual	Forecasted	Forecasted	Forecasted	Forecasted
\$ -	\$ 6,520.86	\$ 36,413.00	\$ 65,813.00	\$ 3,387,369.48	\$ 3,503,061.36
\$ 6,520.86	\$ 29,892.14	\$ 29,400.00	\$ 3,321,556.48	\$ 115,691.89	\$ 25,486.72
\$ 6,520.86	\$ 36,413.00	\$ 65,813.00	\$ 3,387,369.48	\$ 3,503,061.36	\$ 3,528,548.09
\$ -	\$ 217.36	\$ 1,648.49	\$ 5,056.02	\$ 120,162.11	\$ 349,843.13
\$ 217.36	\$ 1,431.13	\$ 3,407.53	\$ 115,106.08	\$ 229,681.03	\$ 234,386.98
\$ 217.36	\$ 1,648.49	\$ 5,056.02	\$ 120,162.11	\$ 349,843.13	\$ 584,230.12
\$ -	\$ 6,303.50	\$ 34,764.51	\$ 60,756.98	\$ 3,267,207.37	\$ 3,153,218.23
\$ 6,303.50	\$ 34,764.51	\$ 60,756.98	\$ 3,267,207.37	\$ 3,153,218.23	\$ 2,944,317.97
\$ 3,151.75	\$ 20,534.00	\$ 47,760.74	\$ 1,663,982.17	\$ 3,210,212.80	\$ 3,048,768.10
2006	2007	2008	2009	2010	2011
Actual	Actual	Forecasted	Forecasted	Forecasted	Forecasted
\$ -	\$ -	\$ -	\$ -	\$ 40,086.91	\$ 40,086.91
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	\$ 40,086.91	\$ 40,086.91	\$ 40,086.91
\$ -	\$ -	\$ -	\$ -	\$ 2,004.35	\$ 6,013.04
\$ -	\$ -	\$ -	\$ -	\$ 4,008.69	\$ 4,008.69
\$ -	\$ -	\$ -	\$ 2,004.35	\$ 6,013.04	\$ 10,021.73
\$ -	\$ -	\$ -	\$ -	\$ 38,082.56	\$ 34,073.87
\$ -	\$ -	\$ -	\$ 38,082.56	\$ 34,073.87	\$ 30,065.18
\$ -	\$ -	\$ -	\$ 19,041.28	\$ 36,078.22	\$ 32,069.53
2006	2007	2008	2009	2010	2011
Actual	Actual	Forecasted	Forecasted	Forecasted	Forecasted
\$ -	\$ -	\$ -	\$ -	\$ 28,489.65	\$ 28,489.65
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	\$ 28,489.65	\$ 28,489.65	\$ 28,489.65
\$ -	\$ -	\$ -	\$ -	\$ 2,848.97	\$ 8,546.90
\$ -	\$ -	\$ -	\$ 2,848.97	\$ 5,697.93	\$ 5,697.93
\$ -	\$ -	\$ -	\$ 2,848.97	\$ 8,546.90	\$ 14,244.83
\$ -	\$ -	\$ -	\$ -	\$ 25,640.69	\$ 19,942.76
\$ -	\$ -	\$ -	\$ 25,640.69	\$ 19,942.76	\$ 14,244.83
\$ -	\$ -	\$ -	\$ 12,820.34	\$ 22,791.72	\$ 17,093.79
2006	2007	2008	2009	2010	2011

Sheet 6. Avg Net Fixed Assets & UCC

Net Fixed Assets - Tools & Equipment

	Actual	Actual	Forecasted	Forecasted	Forecasted	Forecasted
Opening Capital Investment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Investment (3. LDC Assumptions and Data)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing Capital Investment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Opening Accumulated Amortization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amortization Year 1 (10 Years Straight Line)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing Accumulated Amortization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Opening Net Fixed Assets	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing Net Fixed Assets	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Average Net Fixed Assets	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Net Fixed Assets - Other Equipment						
Opening Capital Investment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Investment (3. LDC Assumptions and Data)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing Capital Investment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Opening Accumulated Amortization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amortization Year 1 (10 Years Straight Line)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing Accumulated Amortization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Opening Net Fixed Assets	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing Net Fixed Assets	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Average Net Fixed Assets	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Smart Meter Funding Adder

Approved Deferral and
Variance Accounts CWIP Account

	Opening	Fund Adder	Int. Rate	Interest	Cost Reduction	Closing	Prescribed Interest Rate (per the Bankers' Acceptances-3 months Plus 0.25 Spread)	Prescribed Interest Rate (per the DEX Mid Term Corporate Bond Index Yield 2)
Jan-06	\$ -	\$ -	5.00%	\$ -		\$ -	4.14	4.68
Feb-06	\$ -	\$ -	5.00%	\$ -		\$ -	4.59	5.05
Mar-06	\$ -	\$ -	5.00%	\$ -		\$ -	4.59	4.72
Apr-06	\$ -	\$ -	4.14%	\$ -		\$ -	4.59	4.72
May-06	\$ -	\$ 221	4.14%	\$ -		\$ 221	4.59	4.72
Jun-06	\$ 221	\$ 6,111	4.14%	\$ 1	\$ 513	\$ 6,332	4.59	5.18
Jul-06	\$ 5,819	\$ 10,233	4.59%	\$ 22	\$ 23	\$ 16,075	4.59	5.18
Aug-06	\$ 16,052	\$ 9,311	4.59%	\$ 61	\$ 84	\$ 25,448	4.59	5.18
Sep-06	\$ 25,363	\$ 10,092	4.59%	\$ 97	\$ 181	\$ 35,637	4.59	5.18
Oct-06	\$ 35,455	\$ 8,298	4.59%	\$ 136	\$ 317	\$ 44,070	4.59	5.18
Nov-06	\$ 43,753	\$ 9,358	4.59%	\$ 167	\$ 484	\$ 53,596	4.59	5.18
Dec-06	\$ 53,112	\$ 9,840	4.59%	\$ 203	\$ 688	\$ 63,639	4.59	5.18
Jan-07	\$ 62,952	\$ 8,603	4.59%	\$ 241	\$ 928	\$ 72,483	4.59	5.18
Feb-07	\$ 71,555	\$ 7,468	4.59%	\$ 274	\$ 1,202	\$ 80,225	4.59	5.18
Mar-07	\$ 79,023	\$ 8,327	4.59%	\$ 302	\$ 1,504	\$ 88,854	4.59	5.18
Apr-07	\$ 87,350	\$ 6,874	4.59%	\$ 334	\$ 1,838	\$ 96,062	4.59	5.18
May-07	\$ 94,223	\$ 7,221	4.59%	\$ 360	\$ 2,199	\$ 103,643	4.59	5.18
Jun-07	\$ 101,444	\$ 6,911	4.59%	\$ 388	\$ 2,587	\$ 110,942	4.59	5.18
Jul-07	\$ 97,191	\$ 5,419	4.59%	\$ 372	\$ 2,959	\$ 105,568	4.59	5.18
Aug-07	\$ 102,610	\$ 7,096	4.59%	\$ 392	\$ 3,351	\$ 113,057	4.59	5.18
Sep-07	\$ 109,706	\$ 5,657	4.59%	\$ 420	\$ 3,771	\$ 119,133	4.59	5.18
Oct-07	\$ 115,363	\$ 5,844	5.14%	\$ 494	\$ 4,265	\$ 125,472	4.59	5.18
Nov-07	\$ 121,207	\$ 6,624	5.14%	\$ 519	\$ 4,784	\$ 132,615	4.59	5.18
Dec-07	\$ 127,831	\$ 5,766	5.14%	\$ 548	\$ 5,332	\$ 138,929	4.59	5.18
Jan-08	\$ 133,597	\$ 6,059	5.14%	\$ 572	\$ 5,904	\$ 145,560	4.59	5.18
Feb-08	\$ 139,656	\$ 7,276	5.14%	\$ 598	\$ 6,502	\$ 153,434	4.59	5.18
Mar-08	\$ 146,932	\$ 5,451	5.14%	\$ 629	\$ 7,131	\$ 159,515	4.59	5.18
Apr-08	\$ 152,383	\$ 6,223	4.08%	\$ 518	\$ 7,649	\$ 166,256	4.59	5.18
May-08	\$ 158,606	\$ 6,825	4.08%	\$ 539	\$ 8,189	\$ 173,620	4.59	5.18
Jun-08	\$ 165,431	\$ 5,444	4.08%	\$ 562	\$ 8,751	\$ 179,627	4.59	5.18
Jul-08	\$ 160,770	\$ 6,234	3.35%	\$ 449	\$ 9,200	\$ 176,204	4.59	5.18
Aug-08	\$ 167,004	\$ 6,931	3.35%	\$ 466	\$ 9,666	\$ 183,602	4.59	5.18
Sep-08	\$ 173,936	\$ 5,584	3.35%	\$ 486	\$ 10,152	\$ 189,672	4.59	5.18
Oct-08	\$ 179,520	\$ 6,189	3.35%	\$ 501	\$ 10,653	\$ 196,361	4.59	5.18
Nov-08	\$ 185,708	\$ 6,189	3.35%	\$ 518	\$ 11,171	\$ 203,068	4.59	5.18
Dec-08	\$ 191,897	\$ 6,189	3.35%	\$ 536	\$ 11,707	\$ 209,792	4.59	5.18
Jan-09	\$ 198,085	\$ 6,189	3.35%	\$ 553	\$ 12,260	\$ 216,534	4.59	5.18
Feb-09	\$ 204,274	\$ 6,189	3.35%	\$ 570	\$ 12,830	\$ 223,293	4.59	5.18
Mar-09	\$ 210,462	\$ 6,189	3.35%	\$ 588	\$ 13,418	\$ 230,069	4.59	5.18
Apr-09	\$ 216,651	\$ 6,189	3.35%	\$ 605	\$ 14,023	\$ 236,862	4.59	5.18
May-09	\$ 222,839		3.35%	\$ 622	\$ 14,645	\$ 243,484	4.59	5.18
Jun-09	\$ 222,839		3.35%	\$ 622	\$ 15,267	\$ 249,728	4.59	5.18
Jul-09	\$ 222,839		3.35%	\$ 622	\$ 15,889	\$ 255,973	4.59	5.18
Aug-09	\$ 222,839		3.35%	\$ 622	\$ 16,511	\$ 262,217	4.59	5.18
Sep-09	\$ 222,839		3.35%	\$ 622	\$ 17,133	\$ 268,461	4.59	5.18
Oct-09	\$ 222,839		3.35%	\$ 622	\$ 17,755	\$ 274,705	4.59	5.18
Nov-09	\$ 222,839		3.35%	\$ 622	\$ 18,377	\$ 280,949	4.59	5.18
Dec-09	\$ 222,839		3.35%	\$ 622	\$ 18,999	\$ 287,193	4.59	5.18
Jan-10	\$ 222,839		3.35%	\$ 622	\$ 19,622	\$ 293,437	4.59	5.18
Feb-10	\$ 222,839		3.35%	\$ 622	\$ 20,244	\$ 299,681	4.59	5.18
Mar-10	\$ 222,839		3.35%	\$ 622	\$ 20,866	\$ 305,925	4.59	5.18
Apr-10	\$ 222,839		3.35%	\$ 622	\$ 21,488	\$ 312,169	4.59	5.18

model is calculating interest on principal + interest - s/b on principal only



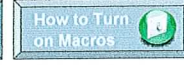
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*Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.
For best viewing, set your screen resolution to 1280 by 960 pixels*

Applicant Name	North Bay Hydro Distribution Limited
Applicant Service Area	Main
OEB Application Number	EB-2008-0202
LDC Licence Number	ED-2003-0024
Notice Publication Language	English/French
DRC Rate	0.00700
Customer Bills	12 per year
Distribution Demand Bill Determinant	kW
RTSR - Low Voltage	No

Contact Information

Name:	Cindy Tennant
Title:	Manager Finance
Phone Number:	705 474-8100 ext 310
E-Mail Address:	ctennant@northbayhydro.com

Please Note:

In the event of an inconsistency between this model and any element of the December 20, 2006 "Report of the Board on Cost of Capital and 2nd Generation Incentive Regulation of Ontario's Electricity Distributors", the Report governs.

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Sheet Name	Purpose of Sheet
A1.1 LDC Information	Enter LDC Data
A2.1 Table of Contents	Table of Contents
B1.1 Curr&Appl Rt Class General	Set up Tariff Sheet Rate Classes - General
B2.1 Curr&Appl Rt Class Unique	Set up Tariff Sheet Rate Classes - Unique
C1.1 Smart Meters Rate Adder	Enter Smart Meter Rate Adder
C2.1 Storm Damage Cost Recovery	0
C2.2 Regulatory Asset Recovery	0
C2.3 LV Wheeling	0
C3.1 Curr Rates & Chgs General	Enter Current Tariff Sheet Rates - General Rate Classes
C6.1 Curr Rates & Chgs Unique	Enter Current Tariff Sheet Rates - Unique Rate Classes (if applicable)
C7.1 Base Dist Rates Gen	Calculation of Base Distribution Rates - General Rate Classes
C8.1 Base Dist Rates Unique	Calculation of Base Distribution Rates - Unique Rate Classes
D1.1 K-factor Adjustment Wrksh	Enter 2006 EDR K-Factor Adjustment Data
D1.2 K-factor Adjustment - Gen	Calculation of Adjustment to Rates for K-Factor - General Rate Class
D1.3 K-factor Adjustment - Uniq	Calculation of Adjustment to Rates for K-Factor - Unique Rate Class
D2.1 Federal Tax Adjust Wrksh	Enter Federal Tax Adjustment Data
D2.2 Federal Tax Adjustment Gen	Calculation of Adjustment to Rates for Federal Taxes - General Rate Classes
D2.3 Federal Tax Adjustment Unq	Calculation of Adjustment to Rates for Federal Taxes - Unique Rate Classes
E1.1 Rate Reb Base Dist Rts Gen	Calculation of Rates before Price Cap Adjustment - General Rate Classes
E2.1 Rate Reb Base Dist Rts Unq	Calculation of Rates before Price Cap Adjustment - Unique Rate Classes
F1.1 Price Cap Adjustmnt Wrksh	Enter Price Cap Adjustment Data
F1.2 Price Cap Adjustment - Gen	Calculation of Adjustment to Rates for Price Cap Adjustment - General Rate Classes
F1.3 Price Cap Adjustment - Unq	Calculation of Adjustment to Rates for Price Cap Adjustment - Unique Rate Classes
G1.1 Aft PrcCap Base Dst Rts Gen	Base Distribution Rates after Price Cap Adjustment - General Rate Class
G2.1 AftPrcCap Bas Dst Rts Uniq	Base Distribution Rates after Price Cap Adjustment - Unique Rate Class
J1.1 Smart Meters Rate Adder	Enter Proposed Tariff Sheet Smart Meter Rate Adder
J2.1 Storm Damage Cost Recovery	0
J2.2 Regulatory Asset Recovery	0
J2.3 LV Wheeling	0
K1.1 App For Dist Rates Gen	Calculation of Proposed Distribution Rates - General Rate Classes
K2.1 App For Dist Rates Uniq	Calculation of Proposed Distribution Rates - Unique Rate Classes
L1.1 Curr&Appl For TX Network	To input adjustment changes for Retail Transmission Network Rates General
L1.2 Curr&Appl For TX Net Uniq	To input adjustment changes for Retail Transmission Network Rates Unique
L2.1 Curr&Appl For TX Connect	To input adjustment changes for Retail Transmission Connection Rates General
L2.2 Curr&Appl For TX Conn Uniq	To input adjustment changes for Retail Transmission Connection Rates Unique
N1.1 Appl For Mthly R&C General	Monthly Rates and Charges - General Rate Classes
N2.1 Appl For Mthly R&C Unique	Monthly Rates and Charges - Unique Rate Classes
N3.1 Curr&Appl For Loss Factor	Enter Loss Factors From Current Tariff Sheet

O1.1 Sum of Chgs To MSC&DX Gen	Shows Summary of Changes To General Service Charge and Distribution Volumetric Charge
O1.2 Sum of Chgs To MSC&DX Uniq	Shows Summary of Changes To Unique Service Charge and Distribution Volumetric Charge
O2.1 Calculation of Bill Impact	Bill Impact Calculations
P1.1 Curr&Appl For Allowances	Enter Allowances from Current Tariff Sheets
P2.1 Curr&Appl For Spc Srv Chg	Enter Specific Service Charges from Current Tariff Sheets
P3.1 Curr&Appl For Rtl Srv Chg	Enter Retail Service Charges from Current Tariff Sheets



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Using the pull-down list in column C and D, choose the general classes that match those on your Board-Approved 2008 Tariff of Rates and Charges.

In column E, indicate whether the class is **NEW**, **CONTINUING**, or **DISCONTINUING**.

(If a Rate Classification needs to be added to the pull-down list, please contact the Board.)

Rate Group	Rate Class	Applied for Status	Fixed Metric	Vol Metric
RES	Residential	Continuing	Customer - 12 per year	kWh
GSLT50	General Service Less Than 50 kW	Continuing	Customer - 12 per year	kWh
GSGT50	General Service 50 to 2,999 kW	Continuing	Customer - 12 per year	kV
GSGT50	General Service 3,000 to 4,999 kW	Continuing	Customer - 12 per year	kV
USL	Unmetered Scattered Load	Continuing	Customer - 12 per year	kWh
Sen	Sentinel Lighting	Continuing	Connection - 12 per year	kV
SL	Street Lighting	Continuing	Connection - 12 per year	kV
NA	Rate Class 8	NA	NA	NA
NA	Rate Class 9	NA	NA	NA
NA	Rate Class 10	NA	NA	NA
NA	Rate Class 11	NA	NA	NA
NA	Rate Class 12	NA	NA	NA
NA	Rate Class 13	NA	NA	NA
NA	Rate Class 14	NA	NA	NA
NA	Rate Class 15	NA	NA	NA
NA	Rate Class 16	NA	NA	NA
NA	Rate Class 17	NA	NA	NA
NA	Rate Class 18	NA	NA	NA
NA	Rate Class 19	NA	NA	NA
NA	Rate Class 20	NA	NA	NA
NA	Rate Class 21	NA	NA	NA
NA	Rate Class 22	NA	NA	NA
NA	Rate Class 23	NA	NA	NA
NA	Rate Class 24	NA	NA	NA
NA	Rate Class 25	NA	NA	NA



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Instructions

Using the pull-down list in column C and D, choose the unique classes that match those on your Board-Approved 2008 Tariff of Rates and Charges.

In column E, indicate whether the class is **NEW**, **CONTINUING**, or **DISCONTINUING**.

(If a Rate Classification needs to be added to the pull-down list, please contact the Board.)

Rate Group	Rate Class	Applied for Status	Fixed Metric	Vol Metric
NA	Rate Class 26	NA	NA	NA
NA	Rate Class 27	NA	NA	NA
NA	Rate Class 28	NA	NA	NA
NA	Rate Class 29	NA	NA	NA
NA	Rate Class 30	NA	NA	NA
NA	Rate Class 31	NA	NA	NA
NA	Rate Class 32	NA	NA	NA
NA	Rate Class 33	NA	NA	NA
NA	Rate Class 34	NA	NA	NA
NA	Rate Class 35	NA	NA	NA



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The smart meter plan rate adder is a monthly service charge for metered customers equivalent to an amount of \$0.30 per month per residential customer for utilities that do not have a plan. A different amount applied to utilities who had a smart meter plan that was modified in accordance with the Decision with Reasons RP-2005-0020 / EB-2005-0529.

Please identify the rate adder in cell D28. For most utilities, the rate adder can be located in the Board-approved 2008 IRM model, worksheet "8. Addback of Smart Meter Amt", column D.

Rate Adder

Smart Meters Rate Adder

Applied for Status

Discontinuing

Metric Applied To

Metered Customers

Method of Application

Uniform Service Charge

Uniform Service Charge Amount

0.260000

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.260000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kV	Yes	0.260000	Customer - 12 per year	0.000000	kWh
General Service 50 to 2,999 kV	Yes	0.260000	Customer - 12 per year	0.000000	kV
General Service 3,000 to 4,999 kV	Yes	0.260000	Customer - 12 per year	0.000000	kV

Rate Rider Storm Damage Cost Recovery

Sunset Date 30/04/2010
DD/MM/YYYY

Metric Applied To All Customers

Method of Application Uniform Service Charge

Uniform Service Charge Amount 0.640000

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.640000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	0.640000	Customer - 12 per year	0.000000	kWh
General Service 50 to 2,999 kW	Yes	0.640000	Customer - 12 per year	0.000000	kW
General Service 3,000 to 4,999 kW	Yes	0.640000	Customer - 12 per year	0.000000	kW
Unmetered Scattered Load	Yes	0.640000	Customer - 12 per year	0.000000	kWh
Sentinel Lighting	Yes	0.640000	Connection - 12 per year	0.000000	kW
Street Lighting	Yes	0.640000	Connection - 12 per year	0.000000	kW

Rate Rider	Regulatory Asset Recovery
Sunset Date	DD/MM/YYYY
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 2,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
General Service 3,000 to 4,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
Unmetered Scattered Load	No	0.000000	Customer -12 per year	0.000000	kWh
Sentinel Lighting	No	0.000000	Connection - 12 per year	0.000000	kW
Street Lighting	No	0.000000	Connection - 12 per year	0.000000	kW

Rate Rider	LV Wheeling
Sunset Date	DD/MM/YYYY
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 2,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
General Service 3,000 to 4,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
Unmetered Scattered Load	No	0.000000	Customer -12 per year	0.000000	kWh
Sentinel Lighting	No	0.000000	Connection - 12 per year	0.000000	kW
Street Lighting	No	0.000000	Connection - 12 per year	0.000000	kW



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Instructions

Enter your Board-Approved 2008 Tariff of Rates and Charges for all General Classes

Rate Class

Residential

Rate Description	Metric	Rate
Service Charge	\$	12.79
Service Charge Rate Rider for Storm Damage Cost Recovery – effective until April 30, 2010	\$	0.64
Distribution Volumetric Rate	\$/kWh	0.0112
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

General Service Less Than 50 kW

Rate Description	Metric	Rate
Service Charge	\$	21.96
Service Charge Rate Rider for Storm Damage Cost Recovery – effective until April 30, 2010	\$	0.64
Distribution Volumetric Rate	\$/kWh	0.0139
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0043
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0040
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

General Service 50 to 2,999 kW

Rate Description	Metric	Rate
Service Charge	\$	311.66
Service Charge Rate Rider for Storm Damage Cost Recovery – effective until April 30, 2010	\$	0.64
Distribution Volumetric Rate	\$/kW	2.1783
Retail Transmission Rate – Network Service Rate	\$/kW	1.7399
	\$/kW	0.0000
	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5844
	\$/kW	0.0000
	\$/kW	0.0000
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

General Service 3,000 to 4,999 kW

Rate Description	Metric	Rate
Service Charge	\$	2,399.56
Service Charge Rate Rider for Storm Damage Cost Recovery – effective until April 30, 2010	\$	0.64
Distribution Volumetric Rate	\$/kW	0.7321
Retail Transmission Rate – Network Service Rate	\$/kW	0.0000
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW	1.8457
	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kW	1.7510
	\$/kW	0.0000
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

Unmetered Scattered Load

Rate Description	Metric	Rate
Service Charge	\$	21.75
Service Charge Rate Rider for Storm Damage Cost Recovery – effective until April 30, 2010	\$	0.64
Distribution Volumetric Rate	\$/kWh	0.0139
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0043
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0040
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

Sentinel Lighting

Rate Description	Metric	Rate
Service Charge (per connection)	\$	1.98
Service Charge Rate Rider for Storm Damage Cost Recovery – effective until April 30, 2010	\$	0.64
Distribution Volumetric Rate	\$/kW	6.9018
Retail Transmission Rate – Network Service Rate	\$/kW	1.3188
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2505
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

Street Lighting

Rate Description	Metric	Rate
Service Charge (per connection)	\$	0.44
Service Charge Rate Rider for Storm Damage Cost Recovery – effective until April 30, 2010	\$	0.64
Distribution Volumetric Rate	\$/kW	2.3570
Retail Transmission Rate – Network Service Rate	\$/kW	1.3122
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2248
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25



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Instructions

Enter your Board-Approved 2008 Tariff of Rates and Charges for the Unique classes



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Instructions

No input required.

The sheet provides a breakdown for the determination of "Current Base Rates" for all general classes.

Service Charge

<u>Class</u>	<u>Metric</u>	<u>Current Rates</u>	<u>Smart Meters Rate Adder</u>	<u>Current Base Rates</u>
Residential				
General Service Less Than 50 kW	Customer - 12 per year	12.790000	0.260000	12.530000
General Service 50 to 2,999 kW	Customer - 12 per year	21.960000	0.260000	21.700000
General Service 3,000 to 4,999 kW	Customer - 12 per year	311.660000	0.260000	311.400000
Unmetered Scattered Load	Customer - 12 per year	2,399.560000	0.000000	2,399.300000
Sentinel Lighting	Customer - 12 per year	21.750000	0.000000	21.750000
Street Lighting	Connection - 12 per year	1.980000	0.000000	1.980000
	Connection - 12 per year	0.440000	0.000000	0.440000

Distribution Volumetric Rate

<u>Class</u>	<u>Metric</u>	<u>Current Rates</u>	<u>Smart Meters Rate Adder</u>	<u>Current Base Rates</u>
Residential	kWh	0.011200	0.000000	0.011200



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Instructions

No input required.

The sheet provides a breakdown for the determination of "Current Base Rates" for all unique classes.

Service Charge

Class

Metric Current Rates Current Base Rates

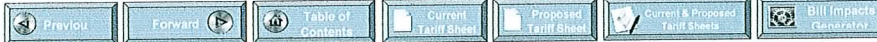
Distribution Volumetric Rate

Class

Metric Current Rates Current Base Rates



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K-Factor Derivation Worksheet

Please enter the required information into the green-shaded cells.

Capital Structure Transition

Size of Utility (Rate Base)

Year	Small [\$0, \$100M)		Med-Small (\$100M, \$250M)		Med-Large (\$250M, \$1B)		Large >=\$1B	
	Debt	Equity	Debt	Equity	Debt	Equity	Debt	Equity
2007	50.0%	50.0%	55.0%	45.0%	60.0%	40.0%	65.0%	35.0%
2008	53.3%	46.7%	57.5%	42.5%	60.0%	40.0%	62.5%	37.5%
2009	56.7%	43.3%	60.0%	40.0%	60.0%	40.0%	60.0%	40.0%
2010	60.0%	40.0%	60.0%	40.0%	60.0%	40.0%	60.0%	40.0%

Cost of Capital parameters

ROE	A	9.00%	(Board Approved 2006 EDR Model, Sheet 3-2, Cell E32)
Debt Rate	B	5.00%	(Board Approved 2006 EDR Model, Sheet 3-2, Cell C25)
Rate Base	C	\$ 36,301,921	(Board Approved 2006 EDR Model, Sheet 3-1, Cell F21)
Size of Utility	D	Small	

Deemed Capital Structure

	Debt	Equity	
2006	E1 50.0%	E2 50.0%	Based on C, copies the deemed D/E from row "2007" of the table
2008	F1 53.3%	F2 46.7%	Based on C, copies the deemed D/E from row "2008" of the table
2009	F1.2 56.7%	F2.2 43.3%	Based on C, copies the deemed D/E from row "2009" of the table

Cost of Capital

2006	G 7%	= (E1 X B) + (E2 X A)	Weighted Average Cost of capital
2008	H 6.87%	= (F1 X B) + (F2 X A)	
2009	H1 6.73%	= (F1.2 X B) + (F2.2 X A)	

Return on Rate Base

2006	I	\$ 2,541,134.47	= C X G / 100
2008	J	\$ 2,493,215.93	= C X H / 100
2009	J1	\$ 2,443,845.32	= C X H1 / 100

Distribution Expenses and Revenue Requirement (before PILs)

Distribution Expenses (other than PILs)	K	\$ 7,245,382	(Board Approved 2006 EDR Model, Sheet 4-1, Cell F15)
Base Revenue Requirement	L	\$ 9,786,110	(Board Approved 2006 EDR Model, Sheet 5-5, Cell F27)
Transformer Allowance Credit	M	\$ 119,348	(Board Approved 2006 EDR Model, Sheet 6-3, Cell "Total" in Row R120)

Revenue Requirement (before PILs)

2006	N	\$ 9,786,526.47	= I + K
2008	O	\$ 9,738,607.93	= J + K
2009	O2	\$ 9,689,237.32	= J1 + K

Target Net Income (EBIT)

2006	\$ 1,633,586.45	P1 = I - P2
2008	\$ 1,525,769.74	Q1 = J - Q2
2009	\$ 1,414,685.86	Q1.2 = J1 - Q2.2

Interest Expense

2006	\$ 907,548.03	P2 = C X (B X E1 / 100)
2008	\$ 967,446.19	Q2 = C X (B X F1 / 100)
2009	\$ 1,029,159.46	Q2.2 = C X (B X F1.2 / 100)

PILs

Tax Rate	R	36.12%	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D14)
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Large Corporation Tax Allowance (if applicable) - grossed up	\$		\$	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D31)
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OCT (Rate Base less \$10,000,000 X 0.30%)	\$	107,048	T	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D30)
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PILs Allowance	\$	1,261,920	U	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D33)
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Taxable Income	2006	\$ 2,050,753	AC	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D11)
	2008	\$ 2,011,810	AD	= AC + (Q1 - P1) * (R / 100)
	2009	\$ 1,971,686	AD1	= AC + (Q1.2 - P1) * (R / 100)

Federal Tax (grossed up)	2006	\$ 1,159,568	V	= AC * (R / 100) / (1 - R / 100)
	2008	\$ 1,137,548	W	= AD * (R / 100) / (1 - R / 100)
	2009	\$ 1,114,861	W1	= AD1 * (R / 100) / (1 - R / 100)

Base Revenue Requirement Adjustment (including PILs)

Revenue Requirement (less LCT)		(LCT is removed as it was removed in from rates in 2007 EDR)	
2006	\$ 11,053,142.38	X	= N + V + T
2008	\$ 10,983,203.88	Y	= O + W + T
2009	\$ 10,911,146.03	Y2	= O2 + W + T

Base Revenue Requirement (plus transformer allowance credit)

(Transformer allowance credit needs to be added onto revenue requirement for full rate recovery - similar to LCT calculation in 2007 EDR)

2006	\$	9,905,458.00	Z	= L + M	
2008	\$	9,835,519.50	AA1	= Z + (Y - X)	
2009	\$	9,763,461.65	AA1.2	= Z + (Y2 - X)	
Difference	2008	\$	69,938.50	AA2	= AA1 - Z
	2009	\$	72,057.85	AA2.2	= AA1.2 - AA1

K-factor	2008	-0.7%	AB	= AA2 / Z
	2009	-0.7%	AC	= AA2.2 / AA1



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Instructions

This worksheet applies the 2009 K-Factor adjustment from Sheet D1.1 to all general classes.

No input required.

Rate Rebalancing Adjustment

K-factor Adjustment - General

Metric Applied To

All Customers

Method of Application

Both Uniform%

Uniform Service Charge Percent

-0.700%

Uniform Volumetric Charge Percent

-0.700% kWh
-0.700% kW

Monthly Service Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential			Yes	-0.700%	0.087710
General Service Less Than 50 kW	Customer - 12 per year	12.530000	Yes	-0.700%	0.151900
General Service 50 to 2,999 kW	Customer - 12 per year	21.700000	Yes	-0.700%	2.179800
General Service 3,000 to 4,999 kW	Customer - 12 per year	311.400000	Yes	-0.700%	16.795100
Unmetered Scattered Load	Customer -12 per year	2399.300000	Yes	-0.700%	0.152250
Sentinel Lighting	Customer -12 per year	21.750000	Yes	-0.700%	0.013860
Street Lighting	Connection - 12 per year	1.980000	Yes	-0.700%	0.003080
	Connection - 12 per year	0.440000	Yes	-0.700%	-

Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	kWh	0.011200	Yes	-0.700%	0.000078
General Service Less Than 50 kW	kWh	0.013900	Yes	-0.700%	0.000097
General Service 50 to 2,999 kW	kWh	2.178300	Yes	-0.700%	0.015248
General Service 3,000 to 4,999 kW	kWh	0.732100	Yes	-0.700%	0.005125
Unmetered Scattered Load	kWh	0.013900	Yes	-0.700%	0.000097
Sentinel Lighting	kWh	6.901800	Yes	-0.700%	0.048313
Street Lighting	kWh	2.357000	Yes	-0.700%	0.016499



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Instructions

This worksheet applies the 2009 K-Factor adjustment from Sheet D1.1 to all unique classes.

No input required.

Rate Rebalancing Adjustment

K-factor Adjustment - Unique

Metric Applied To

All Customers

Method of Application

Both Uniform%

Uniform Service Charge Percent

-0.700%

Uniform Volumetric Charge Percent

-0.700% kWh

-0.700% kW

Monthly Service Charge

Class

Metric

Base Rate

To This Class

% Adjustment

Adj To Base

Volumetric Distribution Charge

Class

Metric

Base Rate

To This Class

% Adjustment

Adj To Base



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Instructions

This worksheet derives the 2009 Federal Tax Rate Adjustment Factor.

No input required.

From 2006 PIL's Model

2006 Regulatory Taxable Income (K-Factor Cell H87)

2006 Corporate Income Tax Rate (K-Factor Cell E79)

Corporate PILs/Income Tax Provision for Test Year

Income Tax (grossed-up)

From 2006 EDR Model

2006 EDR Base Revenue Requirement From Distribution Rates (K-Factor Cell E105)

Grossed up taxes as a % of Revenue Requirement

2009 Federal Tax Rate Adjustment Factor

	2006		2008	2008 Adjustment	2009	2009 Adjustment
	2,050,753	A	2,050,753		2,050,753	
	36.12%	B	33.50%		33.00%	
	740,732	$C = A * B$	687,002		676,748	
	1,159,568	$D = C / (1 - B)$	1,033,086	-126,482	1,010,072	-23,014 ← 2009 Amount to be adjusted
	9,905,458	E	9,905,458		9,905,458	
	11.700%	$F = D / E$	10.400%	-1.300%	10.200%	-0.200% ↓



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Instructions

This worksheet applies the 2009 Federal Tax Rate Adjustment Factor to all general classes.
No input required.

Rate Rebalancing Adjustment

Federal Tax Adjustment General

Metric Applied To

All Customers

Method of Application

Both Uniform%

Uniform Service Charge Percent

-0.200%

Uniform Volumetric Charge Percent

-0.200% kWh
-0.200% kW

Monthly Service Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	Customer - 12 per year	12.530000	Yes	-0.200%	0.025060



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Instructions

This worksheet applies the 2009 Federal Tax Rate Adjustment Factor to all unique classes.
No input required.

Rate Rebalancing Adjustment

Federal Tax Adjustment Unique

Metric Applied To

All Customers

Method of Application

Both Uniform%

Uniform Service Charge Percent

-0.200%

Uniform Volumetric Charge Percent

-0.200% kWh
-0.200% kW

Monthly Service Charge

Class

Metric

Base Rate

To This Class

% Adjustment

Adj To Base

Volumetric Distribution Charge

Class

Metric

Base Rate

To This Class

% Adjustment

Adj To Base



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Instructions

This worksheet shows the adjustments to Base Rates prior to the application of the Price Cap Index for all general classes.
No input required.

Monthly Service Charge

Class	Metric	Base Rate	K-factor Adjustment -		Federal Tax Adjustment		Rate ReBal Base
			General		General		
Residential							
General Service Less Than 50 kW	Customer - 12 per year	12.530000	-0.087710		-0.025060		12.417230
General Service 50 to 2,999 kW	Customer - 12 per year	21.700000	-0.151900		-0.043400		21.504700
General Service 3,000 to 4,999 kW	Customer - 12 per year	311.400000	-2.179800		-0.622800		308.597400
Unmetered Scattered Load	Customer - 12 per year	2,399.300000	-16.795100		-4.798600		2,377.706300
Sentinel Lighting	Customer - 12 per year	21.750000	-0.152250		-0.043500		21.554250
Street Lighting	Connection - 12 per year	1.980000	-0.013860		-0.003960		1.962180
	Connection - 12 per year	0.440000	-0.003080		-0.000880		0.436040

Volumetric Distribution Charge

Class	Metric	Base Rate	K-factor Adjustment -		Federal Tax Adjustment		Rate ReBal Base
			General		General		
Residential							
General Service Less Than 50 kW	kWh	0.011200	-0.000078		-0.000022		0.011100
General Service 50 to 2,999 kW	kWh	0.013900	-0.000097		-0.000028		0.013775
General Service 3,000 to 4,999 kW	kWh	2.178300	-0.015248		-0.004357		2.158695
Unmetered Scattered Load	kWh	0.732100	-0.005125		-0.001464		0.725111
Sentinel Lighting	kWh	0.013900	-0.000097		-0.000028		0.013775
Street Lighting	kWh	6.901800	-0.048313		-0.013804		6.839683
	kWh	2.357000	-0.016499		-0.004714		2.335787



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Instructions

This worksheet shows the adjustments to Base Rates prior to the application of the Price Cap Index for all unique classes.
No input required.

Monthly Service Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>K-factor Adjustment - Unique</u>	<u>Federal Tax Adjustment Unique</u>	<u>Rate ReBal Base</u>
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Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>K-factor Adjustment - Unique</u>	<u>Federal Tax Adjustment Unique</u>	<u>Rate ReBal Base</u>
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Instructions

This worksheet is a placeholder for the 2009 GDP-IPi amount that will be determine in the beginning of March 2009.

Board staff will make the necessary adjustment to cell C22.

No input required.

Price Escalator (GDP-IPi)	Average annual expected Productivity Gain (X)	(GDP-IPi) - X
2.1%	1.0%	1.1%



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Instructions

This worksheet applies the Price Cap Adjustment from Sheet F1.1 to all general classes.

No input required.

Price Cap Adjustment

Price Cap Adjustment - General

Metric Applied To

All Customers

Method of Application

Both Uniform%

Uniform Service Charge Percent

1.100%

Uniform Volumetric Charge Percent

1.100% kWh
1.100% kW

Monthly Service Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential					
General Service Less Than 50 kW	Customer - 12 per year	12.417230	Yes	1.100%	0.136590
General Service 50 to 2,999 kW	Customer - 12 per year	21.504700	Yes	1.100%	0.236552
General Service 3,000 to 4,999 kW	Customer - 12 per year	308.597400	Yes	1.100%	3.394571
Unmetered Scattered Load	Customer - 12 per year	2377.706300	Yes	1.100%	26.154769
Sentinel Lighting	Customer -12 per year	21.554250	Yes	1.100%	0.237097
Street Lighting	Connection - 12 per year	1.962180	Yes	1.100%	0.021584
	Connection - 12 per year	0.436040	Yes	1.100%	0.004796

Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential					
General Service Less Than 50 kW	kWh	0.011100	Yes	1.100%	0.000122
General Service 50 to 2,999 kW	kWh	0.013775	Yes	1.100%	0.000152
General Service 3,000 to 4,999 kW	kWh	2.158695	Yes	1.100%	0.023746
Unmetered Scattered Load	kWh	0.725511	Yes	1.100%	0.007981
Sentinel Lighting	kWh	0.013775	Yes	1.100%	0.000152
Street Lighting	kWh	6.839683	Yes	1.100%	0.075237
	kWh	2.335787	Yes	1.100%	0.025694



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Instructions

This worksheet applies the Price Cap Adjustment from Sheet F1.1 to all unique classes.

No input required.

Price Cap Adjustment

Price Cap Adjustment - Unique

Metric Applied To

All Customers

Method of Application

Both Uniform%

Uniform Service Charge Percent

1.100%

Uniform Volumetric Charge Percent

1.100% kWh
1.100% kW

Monthly Service Charge

Class

Metric

Base Rate

To This Class

% Adjustment

Adj To Base

Volumetric Distribution Charge

Class

Metric

Base Rate

To This Class

% Adjustment

Adj To Base



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This worksheet shows the adjustments made to Base Rates after the application of the Price Cap Adjustment to all general classes.

No input required.

Monthly Service Charge

Class	Metric	Base Rate	Price Cap Adjustment -	
			General	After Price Cap Base
Residential				
General Service Less Than 50 kW	Customer - 12 per year	12,417,230	0.136590	12,553,820
General Service 50 to 2,999 kW	Customer - 12 per year	21,504,700	0.236552	21,741,252
General Service 3,000 to 4,999 kW	Customer - 12 per year	308,597,400	3.394571	311,991,971
Unmetered Scattered Load	Customer - 12 per year	2377,706,300	26.154769	2,403,861,069
Sentinel Lighting	Customer -12 per year	21,554,250	0.237097	21,791,347
Street Lighting	Connection - 12 per year	1,962,180	0.021584	1,983,764
	Connection - 12 per year	0,436,040	0.004796	0,440,836

Volumetric Distribution Charge

Class	Metric	Base Rate	Price Cap Adjustment -	
			General	After Price Cap Base
Residential				
General Service Less Than 50 kW	kWh	0.011100	0.000122	0.011222
General Service 50 to 2,999 kW	kWh	0.013775	0.000152	0.013927
General Service 3,000 to 4,999 kW	kWh	2.158695	0.023746	2.182441
Unmetered Scattered Load	kWh	0.725511	0.007981	0.733492
Sentinel Lighting	kWh	0.013775	0.000152	0.013927
Street Lighting	kWh	6.839683	0.075237	6.914920
	kWh	2.335787	0.025694	2.361481



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Instructions

This worksheet shows the adjustments made to Base Rates after the application of the Price Cap Adjustment to all unique classes.

No input required.

Monthly Service Charge

Class

Metric Base Rate

Price Cap Adjustment - Unique

After Price Cap Base

Volumetric Distribution Charge

Class

Metric Base Rate

Price Cap Adjustment - Unique

After Price Cap Base



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Instructions

Enter your Smart Meter Rate Adder in cell D28.

Rate Adder

Smart Meters Rate Adder

Applied for Status

Continuing

Metric Applied To

Metered Customers

Method of Application

Uniform Service Charge

Uniform Service Charge Amount

1.470000

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	1.470000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	1.470000	Customer - 12 per year	0.000000	kWh
General Service 50 to 2,999 kW	Yes	1.470000	Customer - 12 per year	0.000000	kW
General Service 3,000 to 4,999 kW	Yes	1.470000	Customer - 12 per year	0.000000	kW

Rate Rider	Storm Damage Cost Recovery
Sunset Date	30/04/2010 DD/MM/YYYY
Metric Applied To	All Customers
Method of Application	Uniform Service Charge
Uniform Service Charge Amount	0.640000

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.640000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	0.640000	Customer - 12 per year	0.000000	kWh
General Service 50 to 2,999 kW	Yes	0.640000	Customer - 12 per year	0.000000	kW
General Service 3,000 to 4,999 kW	Yes	0.640000	Customer - 12 per year	0.000000	kW
Unmetered Scattered Load	Yes	0.640000	Customer -12 per year	0.000000	kWh
Sentinel Lighting	Yes	0.640000	Connection - 12 per year	0.000000	kW
Street Lighting	Yes	0.640000	Connection - 12 per year	0.000000	kW

Rate Rider	Regulatory Asset Recovery
Sunset Date	DD/MM/YYYY
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 2,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
General Service 3,000 to 4,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
Unmetered Scattered Load	No	0.000000	Customer -12 per year	0.000000	kWh
Sentinel Lighting	No	0.000000	Connection - 12 per year	0.000000	kW
Street Lighting	No	0.000000	Connection - 12 per year	0.000000	kW

Rate Rider	LV Wheeling
Sunset Date	DD/MM/YYYY
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 2,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
General Service 3,000 to 4,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
Unmetered Scattered Load	No	0.000000	Customer -12 per year	0.000000	kWh
Sentinel Lighting	No	0.000000	Connection - 12 per year	0.000000	kW
Street Lighting	No	0.000000	Connection - 12 per year	0.000000	kW



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Instructions

This worksheet shows the derivation of the Final distribution rates for all general classes.

No input required.

Monthly Service Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Smart Meters Rate</u> <u>Adder</u>	<u>Final Base</u>
Residential				
General Service Less Than 50 kW	Customer - 12 per year	12.553820	1.470000	14.023820
General Service 50 to 2,999 kW	Customer - 12 per year	21.741252	1.470000	23.211252
General Service 3,000 to 4,999 kW	Customer - 12 per year	311.991971	1.470000	313.461971
Unmetered Scattered Load	Customer - 12 per year	2,403.861069	1.470000	2,405.331069
Sentinel Lighting	Customer - 12 per year	21.791347	0.000000	21.791347
Street Lighting	Connection - 12 per year	1.983764	0.000000	1.983764
	Connection - 12 per year	0.440836	0.000000	0.440836

Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Smart Meters Rate</u> <u>Adder</u>	<u>Final Base</u>
Residential				
General Service Less Than 50 kW	kWh	0.011222	0.000000	0.011222
General Service 50 to 2,999 kW	kWh	0.013927	0.000000	0.013927
General Service 3,000 to 4,999 kW	kWh	2.182441	0.000000	2.182441
Unmetered Scattered Load	kWh	0.733492	0.000000	0.733492
Sentinel Lighting	kWh	0.013927	0.000000	0.013927
Street Lighting	kWh	6.914920	0.000000	6.914920
	kWh	2.361481	0.000000	2.361481



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Instructions

This worksheet shows the derivation of the Final distribution rates for all unique classes.
No input required.

Monthly Service Charge

Class Metric Base Rate Final Base

Volumetric Distribution Charge

Class Metric Base Rate Final Base



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Purpose of this Worksheet:
Uniform Transmission rates have changed. This worksheet is a placeholder only at this time.

Method of Application		Uniform Percentage				
Uniform Percentage		11.000%				
Rate Class		Applied to Class				
Residential		Yes				
Rate Description		Voi Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate		\$/MWh	0.004700	11.000%	0.000517	0.005217
Rate Class		Applied to Class				
General Service Less Than 50 kW		Yes				
Rate Description		Voi Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate		\$/MWh	0.004300	11.000%	0.000473	0.004773
Rate Class		Applied to Class				
General Service 50 to 2,999 kW		Yes				
Rate Description		Voi Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate		\$/kW	1.739900	11.000%	0.191389	1.931289
Rate Class		Applied to Class				
General Service 3,000 to 4,999 kW		Yes				
Rate Description		Voi Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate – Interval metered		\$/kW	1.845700	11.000%	0.203027	2.048727
Rate Class		Applied to Class				
Unmetered Scattered Load		Yes				
Rate Description		Voi Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate		\$/MWh	0.004300	11.000%	0.000473	0.004773
Rate Class		Applied to Class				
Sentinel Lighting		Yes				
Rate Description		Voi Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate		\$/kW	1.318800	11.000%	0.145088	1.463888
Rate Class		Applied to Class				
Street Lighting		Yes				
Rate Description		Voi Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate		\$/kW	1.312200	11.000%	0.144342	1.456542



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Method of Application

Uniform Percentage

Uniform Percentage

0.000%



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Purpose of this Worksheet:

Uniform Transmission rates have changed. This worksheet is a placeholder only at this time.

Method of Application		Uniform Percentage				
Uniform Percentage		5.000%				
Applied to Class		Yes				
Rate Class		Residential				
Rate Description		Vol Metric				
Retail Transmission Rate – Line and Transformation Connection Service Rate		\$/KWh	Current Amount	% Adjustment	\$ Adjustment	Final Amount
			0.004500	5.000%	0.000225	0.004725
Rate Class		General Service Less Than 50 kW				
Applied to Class		Yes				
Rate Description		Vol Metric				
Retail Transmission Rate – Line and Transformation Connection Service Rate		\$/KWh	Current Amount	% Adjustment	\$ Adjustment	Final Amount
			0.004000	5.000%	0.000200	0.004200
Rate Class		General Service 50 to 2,999 kW				
Applied to Class		Yes				
Rate Description		Vol Metric				
Retail Transmission Rate – Line and Transformation Connection Service Rate		\$/KWh	Current Amount	% Adjustment	\$ Adjustment	Final Amount
			1.564400	5.000%	0.079220	1.663620
Rate Class		General Service 3,000 to 4,999 kW				
Applied to Class		Yes				
Rate Description		Vol Metric				
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered		\$/KWh	Current Amount	% Adjustment	\$ Adjustment	Final Amount
			1.751000	5.000%	0.087550	1.838550
Rate Class		Unmetered Scattered Load				
Applied to Class		Yes				
Rate Description		Vol Metric				
Retail Transmission Rate – Line and Transformation Connection Service Rate		\$/KWh	Current Amount	% Adjustment	\$ Adjustment	Final Amount
			0.004000	5.000%	0.000200	0.004200
Rate Class		Sentinel Lighting				
Applied to Class		Yes				
Rate Description		Vol Metric				
Retail Transmission Rate – Line and Transformation Connection Service Rate		\$/KWh	Current Amount	% Adjustment	\$ Adjustment	Final Amount
			1.250500	5.000%	0.062525	1.313025
Rate Class		Street Lighting				
Applied to Class		Yes				
Rate Description		Vol Metric				
Retail Transmission Rate – Line and Transformation Connection Service Rate		\$/KWh	Current Amount	% Adjustment	\$ Adjustment	Final Amount
			1.224800	5.000%	0.061240	1.286040



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Method of Application

Uniform Percentage

Uniform Percentage

0.000%



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Instructions

This worksheet displays the final distribution rates and charges for all general classes.

No input required.

Rate Class

Residential

Rate Description	Metric	Rate
Service Charge	\$	14.02
Service Charge Rate Rider for Storm Damage Cost Recovery – effective until April 30, 2010	\$	0.64
Distribution Volumetric Rate	\$/kWh	0.0112
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0047
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25



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Instructions

This worksheet displays the final distribution rates and charges for all unique classes.

No input required.



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Instructions

Please enter the Total Loss Factors found on your current (Board-Approved) tariff schedule.

Note: Loss Factors must be entered in order for bill impacts to be calculated.

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

Current

1.0387
1.0283



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This worksheet provides a summary of how the monthly service and volumetric charges are calculated for each general class

	Fixed (\$)	Volumetric \$/kWh
Residential		
Current Rates	12.79	0.0112
Less Rate Adders		
Smart Meters Rate Adder	0.26	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.09	-0.0001
Federal Tax Adjustment General	-0.03	0.0000
Price Cap Adj		
Price Cap Adjustment - General	0.14	0.0001
Smart Meters Rate Adder	1.47	0.0000
Applied For Rates	14.02	0.0112
	0.00	0.0000

	Fixed (\$)	Volumetric \$/kWh
General Service Less Than 50 kW		
Current Rates	21.96	0.0139
Less Rate Adders		
Smart Meters Rate Adder	0.26	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.15	-0.0001
Federal Tax Adjustment General	-0.04	0.0000
Price Cap Adj		
Price Cap Adjustment - General	0.24	0.0002
Smart Meters Rate Adder	1.47	0.0000
Applied For Rates	23.21	0.0139
	0.00	0.0000

	Fixed (\$)	Volumetric \$/kW
General Service 50 to 2,999 kW		
Current Rates	311.66	2.1783
Less Rate Adders		
Smart Meters Rate Adder	0.26	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-2.18	-0.0152
Federal Tax Adjustment General	-0.62	-0.0044
Price Cap Adj		
Price Cap Adjustment - General	3.39	0.0237
Smart Meters Rate Adder	1.47	0.0000
Applied For Rates	313.46	2.1824
	0.00	0.0000

	Fixed (\$)	Volumetric \$/kW
General Service 3,000 to 4,999 kW		
Current Rates	2,399.56	0.7321
Less Rate Adders		
Smart Meters Rate Adder	0.26	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-16.80	-0.0051
Federal Tax Adjustment General	-4.80	-0.0015
Price Cap Adj		
Price Cap Adjustment - General	26.15	0.0080
Smart Meters Rate Adder	1.47	0.0000
Applied For Rates	2,405.33	0.7335
	0.00	0.0000

	Fixed (\$)	Volumetric \$/kWh
Unmetered Scattered Load		
Current Rates	21.75	0.0139
Less Rate Adders		
Smart Meters Rate Adder	0.00	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.15	-0.0001
Federal Tax Adjustment General	-0.04	0.0000
Price Cap Adj		
Price Cap Adjustment - General	0.24	0.0002
Smart Meters Rate Adder	0.00	0.0000
Applied For Rates	21.79	0.0139
	0.00	0.0000

	Fixed	Volumetric
Sentinel Lighting	(\$)	\$/kW
Current Rates	1.98	6.9018
Less Rate Adders		
Smart Meters Rate Adder	0.00	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.01	-0.0483
Federal Tax Adjustment General	0.00	-0.0138
Price Cap Adj		
Price Cap Adjustment - General	0.02	0.0752
Smart Meters Rate Adder	0.00	0.0000
Applied For Rates	1.98	6.9149
	0.00	0.0000

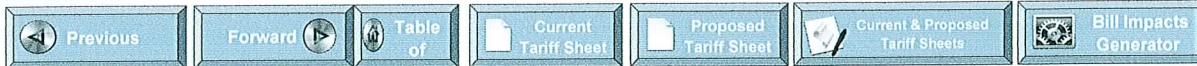
	Fixed	Volumetric
Street Lighting	(\$)	\$/kW
Current Rates	0.44	2.3570
Less Rate Adders		
Smart Meters Rate Adder	0.00	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	0.00	-0.0165
Federal Tax Adjustment General	0.00	-0.0047
Price Cap Adj		
Price Cap Adjustment - General	0.00	0.0257
Smart Meters Rate Adder	0.00	0.0000
Applied For Rates	0.44	2.3615
	0.00	0.0000



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This worksheet provides a summary of how the monthly service and volumetric charges are calculated for each unique class



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Bill Impacts Generator

Instructions

This worksheet calculates the bill impacts for all general rate classes.

Residential

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	12.79	14.02
Service Charge Rate Rider(s)	\$	0.64	0.64
Distribution Volumetric Rate	\$/kWh	0.0112	0.0112
Distribution Volumetric Rate Rider(s)	\$/kWh	-	-
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047	0.0052
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045	0.0047
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010	0.0010
Standard Supply Service – Administration Charge (if applicable)	\$	0.25	0.25

Consumption	1,000 kWh	0 kW
RPP Tier One	600 kWh	Load Factor

Loss Factor 1.0387

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	600	0.0560	33.60	600	0.0560	33.60	0.00	0.0%	28.58%
Energy Second Tier (kWh)	439	0.0650	28.54	439	0.0650	28.54	0.00	0.0%	24.27%
Sub-Total: Energy			62.14			62.14	0.00	0.0%	52.85%
Service Charge	1	12.79	12.79	1	14.02	14.02	1.23	9.6%	11.92%
Service Charge Rate Rider(s)	1	0.64	0.64	1	0.64	0.64	0.00	0.0%	0.54%
Distribution Volumetric Rate	1,000	0.0112	11.20	1,000	0.0112	11.20	0.00	0.0%	9.53%
Distribution Volumetric Rate Rider(s)	1,000	0.0000	0.00	1,000	0.0000	0.00	0.00	0.0%	0.00%
Total: Distribution			24.63			25.86	1.23	5.0%	22.00%
Retail Transmission Rate – Network Service Rate	1,039	0.0047	4.88	1,039	0.0052	5.40	0.52	10.7%	4.39%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,039	0.0045	4.68	1,039	0.0047	4.88	0.20	4.3%	4.15%
Total: Retail Transmission			9.56			10.28	0.72	7.5%	8.74%
Sub-Total: Delivery (Distribution and Retail Transmission)			34.19			36.14	1.95	5.7%	30.74%
Wholesale Market Service Rate	1,039	0.0052	5.40	1,039	0.0052	5.40	0.00	0.0%	4.39%
Rural Rate Protection Charge	1,039	0.0010	1.04	1,039	0.0010	1.04	0.00	0.0%	0.88%
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			6.69			6.69	0.00	0.0%	5.69%
Debt Retirement Charge (DRC)	1,000	0.00700	7.00	1,000	0.00700	7.00	0.00	0.0%	5.95%
Total Bill before Taxes			110.02			111.97	1.95	1.8%	95.24%
GST	110.02	5%	5.50	111.97	5%	5.60	0.10	1.8%	4.78%
			115.52			117.57	2.05	1.8%	100.00%

Rate Class Threshold Test

Residential

KWh	250	600	1,000	1,600	2,250
Loss Factor Adjusted KWh	260	624	1,039	1,662	2,338
KV					

Load Factor

Energy

Applied For Bill	\$ 14.56	\$ 35.16	\$ 62.13	\$ 102.63	\$ 146.57
Current Bill	\$ 14.56	\$ 35.16	\$ 62.13	\$ 102.63	\$ 146.57
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	36.3%	47.2%	52.8%	56.4%	58.1%

Distribution

Applied For Bill	\$ 17.46	\$ 21.38	\$ 25.86	\$ 32.58	\$ 39.86
Current Bill	\$ 16.23	\$ 20.15	\$ 24.63	\$ 31.35	\$ 38.63
\$ Impact	\$ 1.23	\$ 1.23	\$ 1.23	\$ 1.23	\$ 1.23
% Impact	7.6%	6.1%	5.0%	3.9%	3.2%
% of Total Bill	43.5%	28.7%	22.0%	17.9%	15.8%

Retail Transmission

Applied For Bill	\$ 2.57	\$ 6.17	\$ 10.28	\$ 16.45	\$ 23.15
Current Bill	\$ 2.39	\$ 5.74	\$ 9.56	\$ 15.29	\$ 21.51
\$ Impact	\$ 0.18	\$ 0.43	\$ 0.72	\$ 1.16	\$ 1.64
% Impact	7.5%	7.5%	7.5%	7.6%	7.6%
% of Total Bill	6.4%	8.3%	8.7%	9.0%	9.2%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 20.03	\$ 27.55	\$ 36.14	\$ 49.03	\$ 63.01
Current Bill	\$ 18.62	\$ 26.89	\$ 34.19	\$ 46.64	\$ 60.14
\$ Impact	\$ 1.41	\$ 1.66	\$ 1.95	\$ 2.39	\$ 2.87
% Impact	7.6%	6.4%	5.7%	5.1%	4.8%
% of Total Bill	49.9%	36.9%	30.7%	26.9%	25.0%

Regulatory

Applied For Bill	\$ 1.86	\$ 4.11	\$ 6.69	\$ 10.55	\$ 14.75
Current Bill	\$ 1.86	\$ 4.11	\$ 6.69	\$ 10.55	\$ 14.75
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.6%	5.5%	5.7%	5.8%	5.9%

Debt Retirement Charge

Applied For Bill	\$ 1.75	\$ 4.20	\$ 7.00	\$ 11.20	\$ 15.75
Current Bill	\$ 1.75	\$ 4.20	\$ 7.00	\$ 11.20	\$ 15.75
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.4%	5.6%	6.0%	6.2%	6.2%

GST

Applied For Bill	\$ 1.91	\$ 3.55	\$ 5.60	\$ 8.67	\$ 12.00
Current Bill	\$ 1.94	\$ 3.47	\$ 5.50	\$ 8.55	\$ 11.86
\$ Impact	\$ 0.07	\$ 0.08	\$ 0.10	\$ 0.12	\$ 0.14
% Impact	3.8%	2.3%	1.8%	1.4%	1.2%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 40.11	\$ 74.57	\$ 117.56	\$ 182.08	\$ 252.08
Current Bill	\$ 38.63	\$ 72.83	\$ 116.51	\$ 179.57	\$ 249.07
\$ Impact	\$ 1.48	\$ 1.74	\$ 2.05	\$ 2.51	\$ 3.01
% Impact	3.8%	2.4%	1.8%	1.4%	1.2%

Rounding Applied -0.010000
Rounding Current -0.010000



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Bill Impacts Generation

Instructions

This worksheet calculates the bill impacts for all general rate classes.

General Service Less Than 50 kW

Monthly Rates and Charges			
	Metric	Current Rate	Applied For Rate
Service Charge	\$	21.96	23.21
Service Charge Rate Rider(s)	\$/kWh	0.64	0.64
Distribution Volumetric Rate	\$/kWh	0.0139	0.0139
Distribution Volumetric Rate Rider(s)	\$/kWh	-	-
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0043	0.0048
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0040	0.0042
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010	0.0010
Standard Supply Service – Administration Charge (if applicable)	\$	0.25	0.25

Consumption

2,000 kWh

0 kW

Loss Factor 1.0387

RPP Tier One

750 kWh

Load Factor

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0660	42.00	750	0.0660	42.00	0.00	0.0%	17.71%
Energy Second Tier (kWh)	1,328	0.0650	86.32	1,328	0.0650	86.32	0.00	0.0%	36.41%
Sub-Total: Energy			128.32			128.32	0.00	0.0%	54.12%
Service Charge	1	21.96	21.96	1	23.21	23.21	1.25	5.7%	9.79%
Service Charge Rate Rider(s)	1	0.64	0.64	1	0.64	0.64	0.00	0.0%	0.27%
Distribution Volumetric Rate	2,000	0.0139	27.80	2,000	0.0139	27.80	0.00	0.0%	11.73%
Distribution Volumetric Rate Rider(s)	2,000	0.0000	0.00	2,000	0.0000	0.00	0.00	0.0%	0.00%
Total: Distribution			50.40			51.65	1.25	2.5%	21.78%
Retail Transmission Rate – Network Service Rate	2,078	0.0043	8.94	2,078	0.0048	9.97	1.03	11.5%	4.20%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,078	0.0040	8.31	2,078	0.0042	8.73	0.42	5.1%	3.69%
Total: Retail Transmission			17.25			18.70	1.45	8.4%	7.89%
Sub-Total: Delivery (Distribution and Retail Transmission)			67.65			70.35	2.70	4.0%	29.67%
Wholesale Market Service Rate	2,078	0.0052	10.81	2,078	0.0052	10.81	0.00	0.0%	4.56%
Rural Rate Protection Charge	2,078	0.0010	2.08	2,078	0.0010	2.08	0.00	0.0%	0.89%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.11%
Sub-Total: Regulatory			13.14			13.14	0.00	0.0%	5.54%
Debt Retirement Charge (DRC)	2,000	0.00700	14.00	2,000	0.00700	14.00	0.00	0.0%	5.90%
Total Bill before Taxes			223.11			225.81	2.70	1.2%	95.24%
GST	223.11	5%	11.16	225.81	5%	11.29	0.13	1.2%	4.76%
			234.27			237.10	2.83	1.2%	100.00%

Rate Class Threshold Test
General Service Less Than 50 kW

KWh	1,000	5,000	10,000	15,000	20,000
Loss Factor Adjusted KWh	1,039	5,194	10,387	15,581	20,774
KW					
Load Factor					

Energy

Applied For Bill	\$ 60.78	\$ 330.86	\$ 668.40	\$ 1,006.01	\$ 1,343.56
Current Bill	\$ 60.78	\$ 330.86	\$ 668.40	\$ 1,006.01	\$ 1,343.56
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	47.6%	58.5%	60.1%	60.6%	60.9%

Distribution

Applied For Bill	\$ 37.75	\$ 93.35	\$ 162.85	\$ 232.35	\$ 301.85
Current Bill	\$ 36.50	\$ 92.10	\$ 161.60	\$ 231.10	\$ 300.60
\$ Impact	\$ 1.25	\$ 1.25	\$ 1.25	\$ 1.25	\$ 1.25
% Impact	3.4%	1.4%	0.8%	0.5%	0.4%
% of Total Bill	29.6%	16.5%	14.6%	14.0%	13.7%

Retail Transmission

Applied For Bill	\$ 9.35	\$ 46.74	\$ 93.49	\$ 140.23	\$ 186.97
Current Bill	\$ 8.63	\$ 43.11	\$ 86.21	\$ 129.32	\$ 172.43
\$ Impact	\$ 0.72	\$ 3.63	\$ 7.28	\$ 10.91	\$ 14.54
% Impact	8.3%	8.4%	8.4%	8.4%	8.4%
% of Total Bill	7.3%	8.3%	8.4%	8.5%	8.5%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 47.10	\$ 140.09	\$ 256.34	\$ 372.58	\$ 488.82
Current Bill	\$ 45.13	\$ 135.21	\$ 247.81	\$ 360.42	\$ 473.03
\$ Impact	\$ 1.97	\$ 4.88	\$ 8.53	\$ 12.16	\$ 15.79
% Impact	4.4%	3.6%	3.4%	3.4%	3.3%
% of Total Bill	36.9%	24.8%	23.0%	22.5%	22.2%

Regulatory

Applied For Bill	\$ 6.69	\$ 32.45	\$ 64.65	\$ 96.85	\$ 129.04
Current Bill	\$ 6.69	\$ 32.45	\$ 64.65	\$ 96.85	\$ 129.04
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.2%	5.7%	5.8%	5.8%	5.8%

Debt Retirement Charge

Applied For Bill	\$ 7.00	\$ 35.00	\$ 70.00	\$ 105.00	\$ 140.00
Current Bill	\$ 7.00	\$ 35.00	\$ 70.00	\$ 105.00	\$ 140.00
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.5%	6.2%	6.3%	6.3%	6.3%

GST

Applied For Bill	\$ 6.08	\$ 26.92	\$ 52.97	\$ 79.02	\$ 105.07
Current Bill	\$ 5.98	\$ 26.69	\$ 52.54	\$ 78.41	\$ 104.28
\$ Impact	\$ 0.10	\$ 0.24	\$ 0.43	\$ 0.61	\$ 0.79
% Impact	1.7%	0.9%	0.8%	0.8%	0.8%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 127.65	\$ 565.32	\$ 1,112.36	\$ 1,659.46	\$ 2,206.49
Current Bill	\$ 125.58	\$ 560.20	\$ 1,103.40	\$ 1,646.69	\$ 2,189.91
\$ Impact	\$ 2.07	\$ 5.12	\$ 8.96	\$ 12.77	\$ 16.58
% Impact	1.6%	0.9%	0.8%	0.8%	0.8%



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Instructions

This worksheet calculates the bill impacts for all general rate classes.

General Service 50 to 2,999 kW

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	311.66	313.46
Service Charge Rate Rider(s)	\$	0.64	0.64
Distribution Volumetric Rate	\$/kW	2.1783	2.1824
Distribution Volumetric Rate Rider(s)	\$/kW	-	-
Retail Transmission Rate – Network Service Rate	\$/kW	1.7399	1.9313
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5844	1.6636
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010	0.0010
Standard Supply Service – Administration Charge (if applicable)	\$	0.25	0.25

Consumption	40,000	kWh	100	kW
RPP Tier One	750	kWh	Load Factor	54.8%

Loss Factor 1.0387

	Volume	RATE	CHARGE	Volume	RATE	CHARGE	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0660	42.00	750	0.0660	42.00	0.00	0.0%	0.87%
Energy Second Tier (kWh)	40,798	0.0650	2,651.87	40,798	0.0650	2,651.87	0.00	0.0%	61.25%
Sub-Total: Energy			2,693.87			2,693.87	0.00	0.0%	62.22%
Service Charge	1	311.66	311.66	1	313.46	313.46	1.80	0.6%	7.24%
Service Charge Rate Rider(s)	1	0.64	0.64	1	0.64	0.64	0.00	0.0%	0.01%
Distribution Volumetric Rate	100	2.1783	217.83	100	2.1824	218.24	0.41	0.2%	5.04%
Distribution Volumetric Rate Rider(s)	100	0.0000	0.00	100	0.0000	0.00	0.00	0.0%	0.00%
Total: Distribution			530.13			532.34	2.21	0.4%	12.29%
Retail Transmission Rate – Network Service Rate	100	1.7399	173.99	100	1.9313	193.13	19.14	11.0%	4.46%
Retail Transmission Rate – Line and Transformation Connection Service Rate	100	1.5844	158.44	100	1.6636	166.36	7.92	5.0%	3.84%
Total: Retail Transmission			332.43			359.49	27.06	8.1%	8.30%
Sub-Total: Delivery (Distribution and Retail Transmission)			862.56			891.83	29.27	3.4%	20.60%
Wholesale Market Service Rate	41,548	0.0052	216.05	41,548	0.0052	216.05	0.00	0.0%	4.99%
Rural Rate Protection Charge	41,548	0.0010	41.55	41,548	0.0010	41.55	0.00	0.0%	0.98%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.01%
Sub-Total: Regulatory			257.85			257.85	0.00	0.0%	5.96%
Debt Retirement Charge (DRC)	40,000	0.00700	280.00	40,000	0.00700	280.00	0.00	0.0%	6.47%
Total Bill before Taxes			4,094.28			4,123.55	29.27	0.7%	96.24%
GST	4,094.28	5%	204.71	4,123.55	5%	206.18	1.47	0.7%	4.76%
			4,298.99			4,329.73	30.74	0.7%	100.00%

Rate Class Threshold Test
General Service 50 to 2,999 kW

Loss Factor Adjusted kWh		20,000	309,000	594,000	899,000	1,204,000
kW		20,774	320,959	616,988	933,792	1,250,595
Load Factor		50	770	1,480	2,240	3,000
		0.55	0.55	0.55	0.55	0.55

Energy

Applied For Bill	\$	1,343.56	\$	20,855.58	\$	40,097.47	\$	60,689.73	\$	81,281.92
Current Bill	\$	1,343.56	\$	20,855.58	\$	40,097.47	\$	60,689.73	\$	81,281.92
% Impact		-		-		-		-		-
% of Total Bill		57.8%		66.7%		67.1%		67.2%		67.2%

Distribution

Applied For Bill	\$	423.22	\$	1,994.55	\$	3,544.05	\$	5,202.68	\$	6,861.30
Current Bill	\$	421.21	\$	1,989.59	\$	3,536.18	\$	5,191.69	\$	6,847.20
% Impact		2.01		4.96		7.87		10.99		14.10
% of Total Bill		0.59%		0.2%		0.2%		0.2%		0.2%

Retail Transmission

Applied For Bill	\$	179.75	\$	2,768.07	\$	5,320.45	\$	8,052.57	\$	10,784.70
Current Bill	\$	166.21	\$	2,559.71	\$	4,919.96	\$	7,446.44	\$	9,972.90
% Impact		13.54		208.36		400.49		606.13		811.80
% of Total Bill		8.1%		8.1%		8.1%		8.1%		8.1%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$	602.97	\$	4,762.62	\$	8,864.50	\$	13,255.25	\$	17,646.00
Current Bill	\$	587.42	\$	4,549.30	\$	8,456.14	\$	12,638.13	\$	16,820.10
% Impact		15.55		213.32		408.36		617.12		825.90
% of Total Bill		25.9%		15.2%		14.8%		14.7%		14.6%

Regulatory

Applied For Bill	\$	129.04	\$	1,990.20	\$	3,825.58	\$	5,789.76	\$	7,753.94
Current Bill	\$	129.04	\$	1,990.20	\$	3,825.58	\$	5,789.76	\$	7,753.94
% Impact		0.0%		0.0%		0.0%		0.0%		0.0%
% of Total Bill		5.5%		6.4%		6.4%		6.4%		6.4%

Debt Retirement Charge

Applied For Bill	\$	140.00	\$	2,163.00	\$	4,158.00	\$	6,293.00	\$	8,428.00
Current Bill	\$	140.00	\$	2,163.00	\$	4,158.00	\$	6,293.00	\$	8,428.00
% Impact		-		-		-		-		-
% of Total Bill		0.0%		0.0%		0.0%		0.0%		0.0%

GST

Applied For Bill	\$	110.78	\$	1,486.57	\$	2,847.28	\$	4,301.39	\$	5,755.49
Current Bill	\$	110.00	\$	1,477.90	\$	2,826.86	\$	4,270.53	\$	5,714.20
% Impact		0.78		10.67		20.42		30.86		41.29
% of Total Bill		0.7%		0.7%		0.7%		0.7%		0.7%

Total Bill

Applied For Bill	\$	2,326.35	\$	31,259.97	\$	59,792.83	\$	90,329.13	\$	120,865.35
Current Bill	\$	2,310.02	\$	31,035.98	\$	59,364.05	\$	89,681.15	\$	119,998.16
% Impact		16.33		223.99		428.78		647.98		867.19
% of Total Bill		0.7%		0.7%		0.7%		0.7%		0.7%



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This worksheet calculates the bill impacts for all general rate classes.

General Service 3,000 to 4,999 kW

Monthly Rates and Charges		Metric	Current Rate	Applied For Rate
Service Charge		\$	2,399.56	2,405.33
Service Charge Rate Rider(s)		\$	0.64	0.64
Distribution Volumetric Rate		\$/kW	0.7321	0.7335
Distribution Volumetric Rate Rider(s)		\$/kW	-	-
Retail Transmission Rate – Network Service Rate		\$/kW	1.8457	2.0487
Retail Transmission Rate – Line and Transformation Connection Service Rate		\$/kW	1.7510	1.8386
Wholesale Market Service Rate		\$/kW/h	0.0052	0.0052
Rural Rate Protection Charge		\$/kW/h	0.0010	0.0010
Standard Supply Service – Administration Charge (if applicable)		\$	0.25	0.25

Consumption	2,000,000	kWh	4,000	kW
RPP Tier One	750	kWh	Load Factor	68.5%

Loss Factor 1.0387

	Volume	RATE	CHARGE	Volume	RATE	CHARGE	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0560	42.00	750	0.0560	42.00	0.00	0.0%	0.02%
Energy Second Tier (kWh)	2,076,650	0.0650	134,982.25	2,076,650	0.0650	134,982.25	0.00	0.0%	70.33%
			135,024.25			135,024.25	0.00	0.0%	70.35%
Sub-Total: Energy									
Service Charge	1	2,399.56	2,399.56	1	2,405.33	2,405.33	5.77	0.2%	1.25%
Service Charge Rate Rider(s)	1	0.64	0.64	1	0.64	0.64	0.00	0.0%	0.00%
Distribution Volumetric Rate	4,000	0.7321	2,928.40	4,000	0.7335	2,934.00	5.60	0.2%	1.53%
Distribution Volumetric Rate Rider(s)	4,000	0.0000	0.00	4,000	0.0000	0.00	0.00	0.0%	0.00%
			5,328.60			5,339.97	11.37	0.2%	2.78%
Total: Distribution									
Retail Transmission Rate – Network Service Rate	4,000	1.8457	7,382.80	4,000	2.0487	8,194.80	812.00	11.0%	4.27%
Retail Transmission Rate – Line and Transformation Connection Service Rate	4,000	1.7510	7,004.00	4,000	1.8386	7,354.40	350.40	5.0%	3.83%
			14,386.80			15,549.20	1,162.40	8.1%	8.10%
Total: Retail Transmission									
			19,715.40			20,889.17	1,173.77	6.0%	10.88%
Sub-Total: Delivery (Distribution and Retail Transmission)									
Wholesale Market Service Rate	2,077,400	0.0052	10,802.48	2,077,400	0.0052	10,802.48	0.00	0.0%	5.63%
Rural Rate Protection Charge	2,077,400	0.0010	2,077.40	2,077,400	0.0010	2,077.40	0.00	0.0%	1.08%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.00%
			12,880.13			12,880.13	0.00	0.0%	6.71%
Sub-Total: Regulatory									
	2,000,000	0.00700	14,000.00	2,000,000	0.00700	14,000.00	0.00	0.0%	7.29%
Debt Retirement Charge (DRC)			182,793.55			182,793.55	1,173.77	0.6%	95.24%
			181,619.78			182,793.55	58.69	0.6%	4.76%
Total Bill before Taxes									
GST	181,619.78	5%	190,700.77	182,793.55	5%	191,933.23	1,232.46	0.6%	100.00%

Rate Class Threshold Test
General Service 3,000 to 4,999 kW

KWh	1,313,000	1,532,000	1,751,000	1,970,000	2,189,000
Loss Factor Adjusted kWh	1,363,814	1,591,289	1,818,764	2,046,239	2,273,715
kW	3,000	3,500	4,000	4,500	5,000
Load Factor	0.60	0.60	0.60	0.60	0.60

Energy

Applied For Bill	\$ 88,641.16	\$ 103,427.03	\$ 118,212.91	\$ 132,998.78	\$ 147,784.72
Current Bill	\$ 88,641.16	\$ 103,427.03	\$ 118,212.91	\$ 132,998.78	\$ 147,784.72
% Impact	-	-	-	-	-
% of Total Bill	68.9%	69.1%	69.2%	69.3%	69.4%

Distribution

Applied For Bill	\$ 4,606.47	\$ 4,973.22	\$ 5,339.97	\$ 5,706.72	\$ 6,073.47
Current Bill	\$ 4,596.50	\$ 4,962.55	\$ 5,328.60	\$ 5,694.65	\$ 6,060.70
\$ Impact	\$ 9.97	\$ 10.67	\$ 11.37	\$ 12.07	\$ 12.77
% Impact	0.2%	0.2%	0.2%	0.2%	0.2%
% of Total Bill	3.6%	3.3%	3.1%	3.0%	2.9%

Retail Transmission

Applied For Bill	\$ 11,661.90	\$ 13,605.55	\$ 15,549.20	\$ 17,492.85	\$ 19,436.50
Current Bill	\$ 10,790.10	\$ 12,588.45	\$ 14,386.80	\$ 16,185.15	\$ 17,983.50
\$ Impact	\$ 871.80	\$ 1,017.10	\$ 1,162.40	\$ 1,307.70	\$ 1,453.00
% Impact	8.1%	8.1%	8.1%	8.1%	8.1%
% of Total Bill	9.1%	9.1%	9.1%	9.1%	9.1%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 16,268.37	\$ 18,578.77	\$ 20,889.17	\$ 23,199.57	\$ 25,509.97
Current Bill	\$ 15,386.60	\$ 17,551.00	\$ 19,715.40	\$ 21,879.80	\$ 24,044.20
\$ Impact	\$ 881.77	\$ 1,027.77	\$ 1,173.77	\$ 1,319.77	\$ 1,465.77
% Impact	5.7%	5.9%	6.0%	6.0%	6.1%
% of Total Bill	12.6%	12.4%	12.2%	12.1%	12.0%

Regulatory

Applied For Bill	\$ 8,455.89	\$ 9,866.24	\$ 11,276.58	\$ 12,686.93	\$ 14,097.29
Current Bill	\$ 8,455.89	\$ 9,866.24	\$ 11,276.58	\$ 12,686.93	\$ 14,097.29
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	6.6%	6.6%	6.6%	6.6%	6.6%

Debt Retirement Charge

Applied For Bill	\$ 9,191.00	\$ 10,724.00	\$ 12,257.00	\$ 13,790.00	\$ 15,323.00
Current Bill	\$ 9,191.00	\$ 10,724.00	\$ 12,257.00	\$ 13,790.00	\$ 15,323.00
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	7.1%	7.2%	7.2%	7.2%	7.2%

GST

Applied For Bill	\$ 6,127.82	\$ 7,129.80	\$ 8,131.78	\$ 9,133.76	\$ 10,135.75
Current Bill	\$ 6,083.73	\$ 7,078.41	\$ 8,073.09	\$ 9,067.78	\$ 10,062.46
\$ Impact	\$ 44.09	\$ 51.39	\$ 58.69	\$ 65.98	\$ 73.29
% Impact	0.7%	0.7%	0.7%	0.7%	0.7%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 128,684.24	\$ 149,725.84	\$ 170,767.44	\$ 191,809.04	\$ 212,850.73
Current Bill	\$ 127,788.38	\$ 148,646.68	\$ 169,534.98	\$ 190,423.29	\$ 211,311.67
\$ Impact	\$ 925.86	\$ 1,079.16	\$ 1,232.46	\$ 1,385.75	\$ 1,539.06
% Impact	0.7%	0.7%	0.7%	0.7%	0.7%

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Enter the following allowances from your current Board-Approved Tariff Schedule

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	%	1.0



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This worksheet displays your current Board-Approved 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

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