



Ontario Energy Board

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2nd Generation Incentive Regulation Mechanism



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**Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.
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Applicant Name	Essex Powerlines Corporation
Applicant Service Area	Main
OEB Application Number	EB-2008-0174
LDC Licence Number	ED-2002-0499
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:	Richard Dimmel
Title:	General Manager
Phone Number:	(519) 776-8900 extension 487
E-Mail Address:	rdimmel@essexpower.ca

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 Smart Meter 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 Wrksht	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 Wrksht	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 Wrksht	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 Unq	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 Smart Meter 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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Instructions

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	kW
GSGT50	General Service 3,000 to 4,999 kW	Continuing	Customer - 12 per year	kW
USL	Unmetered Scattered Load	Continuing	Connection - 12 per year	kWh
Sen	Sentinel Lighting	Continuing	Connection - 12 per year	kW
SL	Street Lighting	Continuing	Connection - 12 per year	kW
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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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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Instructions

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	Continuing
Metric Applied To	Metered Customers
Method of Application	Uniform Service Charge
Uniform Service Charge Amount	0.280000

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.280000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	0.280000	Customer - 12 per year	0.000000	kWh
General Service 50 to 2,999 kW	Yes	0.280000	Customer - 12 per year	0.000000	kW
General Service 3,000 to 4,999 kW	Yes	0.280000	Customer - 12 per year	0.000000	kW

Rate Rider	Smart Meter Cost Recovery
Sunset Date	<div>DD/MM/YYYY</div>
Metric Applied To	Metered Customers
Method of Application	Uniform Service Charge
Uniform Service Charge Amount	0.000000

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

Rate Rider	Regulatory Asset Recovery
Sunset Date	<div>DD/MM/YYYY</div>
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	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

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	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



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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	\$	11.19
Distribution Volumetric Rate	\$/kWh	0.0149
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0044
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0041
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

General Service Less Than 50 kW

Rate Description	Metric	Rate
Service Charge	\$	12.83
Distribution Volumetric Rate	\$/kWh	0.0050
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0039
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0038
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	\$	342.41
Distribution Volumetric Rate	\$/kW	2.7365
Retail Transmission Rate – Network Service Rate	\$/kW	1.5778
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW	1.9438
	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5343
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kW	1.7004
	\$/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	\$	4,059.93
Distribution Volumetric Rate	\$/kW	4.7901
Retail Transmission Rate – Network Service Rate	\$/kW	1.9438
	\$/kW	0.0000
	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.7004
	\$/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

Unmetered Scattered Load

Rate Description	Metric	Rate
Service Charge (per connection)	\$	8.88
Distribution Volumetric Rate	\$/kWh	0.0308
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0039
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0038
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)	\$	0.72
Distribution Volumetric Rate	\$/kW	4.5259
Retail Transmission Rate – Network Service Rate	\$/kW	1.2148
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.1695
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)	\$	0.38
Distribution Volumetric Rate	\$/kW	3.3937
Retail Transmission Rate – Network Service Rate	\$/kW	1.1978
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.1621
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

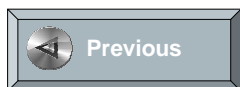


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Instructions

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	Customer - 12 per year	11.190000	0.280000	10.910000
General Service Less Than 50 kW	Customer - 12 per year	12.830000	0.280000	12.550000
General Service 50 to 2,999 kW	Customer - 12 per year	342.410000	0.280000	342.130000
General Service 3,000 to 4,999 kW	Customer - 12 per year	4,059.930000	0.280000	4,059.650000
Unmetered Scattered Load	Connection -12 per year	8.880000	0.000000	8.880000
Sentinel Lighting	Connection - 12 per year	0.720000	0.000000	0.720000
Street Lighting	Connection - 12 per year	0.380000	0.000000	0.380000

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	0.014900	0.000000	0.014900



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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	6.45%	(Board Approved 2006 EDR Model, Sheet 3-2, Cell C25)
Rate Base	C	\$ 29,701,333	(Board Approved 2006 EDR Model, Sheet 3-1, Cell F21)
Size of Utility	D	Small	

Deemed Capital Structure

	Debt	Equity	
2006	E1 50.0%	50.0%	E2
2008	F1 53.3%	46.7%	F2
2009	F1.2 56.7%	43.3%	F2.2

Based on C, copies the deemed D/E from row "2007" of the table
Based on C, copies the deemed D/E from row "2008" of the table
Based on C, copies the deemed D/E from row "2009" of the table

Cost of Capital

2006	G 7.725%	= (E1 X B) + (E2 X A)	Weighted Average Cost of capital
2008	H 7.64%	= (F1 X B) + (F2 X A)	
2009	H1 7.55%	= (F1.2 X B) + (F2.2 X A)	

Return on Rate Base

2006	I	\$ 2,294,427.97	= C X G / 100
2008	J	\$ 2,269,434.30	= C X H / 100
2009	J1	\$ 2,243,683.25	= C X H1 / 100

Distribution Expenses and Revenue Requirement (before PILs)

Distribution Expenses (other than PILs)	K	\$ 8,013,163	(Board Approved 2006 EDR Model, Sheet 4-1, Cell F15)
Base Revenue Requirement	L	\$ 10,385,134	(Board Approved 2006 EDR Model, Sheet 5-5, Cell F27)
Transformer Allowance Credit	M	\$ 105,214	(Board Approved 2006 EDR Model, Sheet 6-3, Cell "Total" in Row R120)

Revenue Requirement (before PILs)

2006	N	\$ 10,307,590.97	= I + K
2008	O	\$ 10,282,597.30	= J + K
2009	O2	\$ 10,256,846.25	= J1 + K

Target Net Income (EBIT)

2006	\$ 1,336,559.99	P1 = I - P2
2008	\$ 1,248,347.03	Q1 = J - Q2
2009	\$ 1,157,460.95	Q1.2 = J1 - Q2.2

Interest Expense

2006	\$ 957,867.99	P2 = C X (B X E1 / 100)
2008	\$ 1,021,087.28	Q2 = C X (B X F1 / 100)
2009	\$ 1,086,222.30	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	\$		S	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D31)
OCT (Rate Base less \$10,000,000 X 0.30%)	\$	74,612	T	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D30)
PILs Allowance	\$	943,488	U	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D33)
Taxable Income				
	2006	\$ 1,536,650	AC	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D11)
	2008	\$ 1,504,787	AD	= AC + (Q1 - P1) * (R / 100)
	2009	\$ 1,471,959	AD1	= AC + (Q1.2 - P1) * (R / 100)
Federal Tax (grossed up)				
	2006	\$ 868,876	V	= AC * (R / 100) / (1 - R / 100)
	2008	\$ 850,860	W	= AD * (R / 100) / (1 - R / 100)
	2009	\$ 832,298	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	\$ 11,251,078.96	X	= N + V + T
2008	\$ 11,208,069.10	Y	= O + W + T
2009	\$ 11,163,755.91	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		\$	10,490,348.00	Z	= L + M
2008		\$	10,447,338.14	AA1	= Z + (Y - X)
2009		\$	10,403,024.95	AA1.2	= Z + (Y2 - X)
Difference	2008	\$	-43,009.86	AA2	= AA1 - Z
	2009	\$	-44,313.19	AA2.2	= AA1.2 - AA1
K-factor	2008		-0.4%	AB	= AA2 / Z
	2009		-0.4%	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

-0.400%

Uniform Volumetric Charge Percent

-0.400% kWh
-0.400% kW

Monthly Service Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	Customer - 12 per year	10.910000	Yes	-0.400% -	0.043640
General Service Less Than 50 kW	Customer - 12 per year	12.550000	Yes	-0.400% -	0.050200
General Service 50 to 2,999 kW	Customer - 12 per year	342.130000	Yes	-0.400% -	1.368520
General Service 3,000 to 4,999 kW	Customer - 12 per year	4059.650000	Yes	-0.400% -	16.238600
Unmetered Scattered Load	Connection - 12 per year	8.880000	Yes	-0.400% -	0.035520
Sentinel Lighting	Connection - 12 per year	0.720000	Yes	-0.400% -	0.002880
Street Lighting	Connection - 12 per year	0.380000	Yes	-0.400% -	0.001520

Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	kWh	0.014900	Yes	-0.400% -	0.000060
General Service Less Than 50 kW	kWh	0.005000	Yes	-0.400% -	0.000020
General Service 50 to 2,999 kW	kW	2.736500	Yes	-0.400% -	0.010946
General Service 3,000 to 4,999 kW	kW	4.790100	Yes	-0.400% -	0.019160
Unmetered Scattered Load	kWh	0.030800	Yes	-0.400% -	0.000123
Sentinel Lighting	kW	4.525900	Yes	-0.400% -	0.018104
Street Lighting	kW	3.393700	Yes	-0.400% -	0.013575



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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

0.000%

Uniform Volumetric Charge Percent

0.000% kWh

0.000% kW

Monthly Service Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>To This Class</u>	<u>% Adjustment</u>	<u>Adj To Base</u>
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Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>To This Class</u>	<u>% Adjustment</u>	<u>Adj To Base</u>
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Instructions

This worksheet derives the 2009 Federal Tax Rate Adjustment Factor.

No input required.

	2006		2008	2008 Adjustment	2009	2009 Adjustment
From 2006 PIL's Model						
2006 Regulatory Taxable Income (<i>K-Factor Cell H87</i>)	1,536,650	A	1,536,650		1,536,650	
2006 Corporate Income Tax Rate (<i>K-Factor Cell E79</i>)	36.12%	B	33.50%		33.00%	
Corporate PILs/Income Tax Provision for Test Year	555,038	C = A * B	514,778		507,095	
Income Tax (grossed-up)	868,876	D = C / (1 - B)	774,102	-94,774	756,857	-17,244 ← 2009 Amount to be adjusted
From 2006 EDR Model						
2006 EDR Base Revenue Requirement From Distribution Rates (<i>K-Factor Cell E105</i>)	10,490,348	E	10,490,348		10,490,348	
Grossed up taxes as a % of Revenue Requirement	8.300%	F = D / E	7.400%	-0.900%	7.200%	-0.200% ↑ 2009 Federal Tax Rate Adjustment Factor



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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

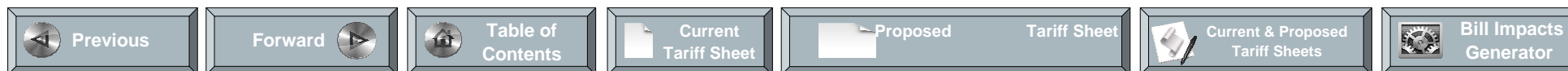
<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>To This Class</u>	<u>% Adjustment</u>	<u>Adj To Base</u>
Residential	Customer - 12 per year	10.910000	Yes	-0.200% -	0.021820



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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

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>To This Class</u>	<u>% Adjustment</u>	<u>Adj To Base</u>
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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

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>K-factor Adjustment - General</u>	<u>Federal Tax Adjustment - General</u>	<u>Rate ReBal Base</u>
Residential	Customer - 12 per year	10.910000	-0.043640	-0.021820	10.844540
General Service Less Than 50 kW	Customer - 12 per year	12.550000	-0.050200	-0.025100	12.474700
General Service 50 to 2,999 kW	Customer - 12 per year	342.130000	-1.368520	-0.684260	340.077220
General Service 3,000 to 4,999 kW	Customer - 12 per year	4,059.650000	-16.238600	-8.119300	4,035.292100
Unmetered Scattered Load	Connection - 12 per year	8.880000	-0.035520	-0.017760	8.826720
Sentinel Lighting	Connection - 12 per year	0.720000	-0.002880	-0.001440	0.715680
Street Lighting	Connection - 12 per year	0.380000	-0.001520	-0.000760	0.377720

Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>K-factor Adjustment - General</u>	<u>Federal Tax Adjustment - General</u>	<u>Rate ReBal Base</u>
Residential	kWh	0.014900	-0.000060	-0.000030	0.014810
General Service Less Than 50 kW	kWh	0.005000	-0.000020	-0.000010	0.004970
General Service 50 to 2,999 kW	kW	2.736500	-0.010946	-0.005473	2.720081
General Service 3,000 to 4,999 kW	kW	4.790100	-0.019160	-0.009580	4.761360
Unmetered Scattered Load	kWh	0.030800	-0.000123	-0.000062	0.030615
Sentinel Lighting	kW	4.525900	-0.018104	-0.009052	4.498744
Street Lighting	kW	3.393700	-0.013575	-0.006787	3.373338



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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	Customer - 12 per year	10.844540	Yes	1.100%	0.119290
General Service Less Than 50 kW	Customer - 12 per year	12.474700	Yes	1.100%	0.137222
General Service 50 to 2,999 kW	Customer - 12 per year	340.077220	Yes	1.100%	3.740849
General Service 3,000 to 4,999 kW	Customer - 12 per year	4035.292100	Yes	1.100%	44.388213
Unmetered Scattered Load	Connection - 12 per year	8.826720	Yes	1.100%	0.097094
Sentinel Lighting	Connection - 12 per year	0.715680	Yes	1.100%	0.007872
Street Lighting	Connection - 12 per year	0.377720	Yes	1.100%	0.004155

Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	kWh	0.014810	Yes	1.100%	0.000163
General Service Less Than 50 kW	kWh	0.004970	Yes	1.100%	0.000055
General Service 50 to 2,999 kW	kW	2.720081	Yes	1.100%	0.029921
General Service 3,000 to 4,999 kW	kW	4.761360	Yes	1.100%	0.052375
Unmetered Scattered Load	kWh	0.030615	Yes	1.100%	0.000337
Sentinel Lighting	kW	4.498744	Yes	1.100%	0.049486
Street Lighting	kW	3.373338	Yes	1.100%	0.037107



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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

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>To This Class</u>	<u>% Adjustment</u>	<u>Adj To Base</u>
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Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>To This Class</u>	<u>% Adjustment</u>	<u>Adj To Base</u>
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Instructions

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

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Price Cap Adjustment - General</u>	<u>After Price Cape Base</u>
Residential	<u>Customer - 12 per year</u>	<u>10.844540</u>	<u>0.119290</u>	<u>10.963830</u>
General Service Less Than 50 kW	<u>Customer - 12 per year</u>	<u>12.474700</u>	<u>0.137222</u>	<u>12.611922</u>
General Service 50 to 2,999 kW	<u>Customer - 12 per year</u>	<u>340.077220</u>	<u>3.740849</u>	<u>343.818069</u>
General Service 3,000 to 4,999 kW	<u>Customer - 12 per year</u>	<u>4035.292100</u>	<u>44.388213</u>	<u>4079.680313</u>
Unmetered Scattered Load	<u>Connection -12 per year</u>	<u>8.826720</u>	<u>0.097094</u>	<u>8.923814</u>
Sentinel Lighting	<u>Connection - 12 per year</u>	<u>0.715680</u>	<u>0.007872</u>	<u>0.723552</u>
Street Lighting	<u>Connection - 12 per year</u>	<u>0.377720</u>	<u>0.004155</u>	<u>0.381875</u>

Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Price Cap Adjustment - General</u>	<u>After Price Cape Base</u>
Residential	kWh	0.014810	0.000163	0.014973
General Service Less Than 50 kW	kWh	0.004970	0.000055	0.005025
General Service 50 to 2,999 kW	kW	2.720081	0.029921	2.750002
General Service 3,000 to 4,999 kW	kW	4.761360	0.052375	4.813735
Unmetered Scattered Load	kWh	0.030615	0.000337	0.030952
Sentinel Lighting	kW	4.498744	0.049486	4.548230
Street Lighting	kW	3.373338	0.037107	3.410445



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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

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Price Cap Adjustment - Unique</u>	<u>After Price Cape Base</u>
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Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Price Cap Adjustment - Unique</u>	<u>After Price Cape Base</u>
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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	0.280000

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.280000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	0.280000	Customer - 12 per year	0.000000	kWh
General Service 50 to 2,999 kW	Yes	0.280000	Customer - 12 per year	0.000000	kW
General Service 3,000 to 4,999 kW	Yes	0.280000	Customer - 12 per year	0.000000	kW

Rate Rider	Smart Meter Cost Recovery
Sunset Date	
	DD/MM/YYYY
Metric Applied To	Metered Customers
Method of Application	Uniform Service Charge
Uniform Service Charge Amount	0.000000

Rate Class	Applied to Class	Fixed Amount
Residential	Yes	0.000000
General Service Less Than 50 kW	Yes	0.000000
General Service 50 to 2,999 kW	Yes	0.000000
General Service 3,000 to 4,999 kW	Yes	0.000000

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

Fixed Metric	Vol Amount	Vol Metric
Customer - 12 per year	0.000000	kWh
Customer - 12 per year	0.000000	kWh
Customer - 12 per year	0.000000	kW
Customer - 12 per year	0.000000	kW
Connection -12 per year	0.000000	kWh
Connection - 12 per year	0.000000	kW
Connection - 12 per year	0.000000	kW

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

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

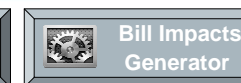
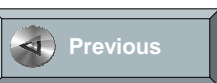
Vol Amount	Vol Metric
0.000000	kWh
0.000000	kWh
0.000000	kW
0.000000	kW
0.000000	kWh
0.000000	kW
0.000000	kW



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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	Customer - 12 per year	10.963830	0.280000	11.243830
General Service Less Than 50 kW	Customer - 12 per year	12.611922	0.280000	12.891922
General Service 50 to 2,999 kW	Customer - 12 per year	343.818069	0.280000	344.098069
General Service 3,000 to 4,999 kW	Customer - 12 per year	4,079.680313	0.280000	4,079.960313
Unmetered Scattered Load	Connection -12 per year	8.923814	0.000000	8.923814
Sentinel Lighting	Connection - 12 per year	0.723552	0.000000	0.723552
Street Lighting	Connection - 12 per year	0.381875	0.000000	0.381875

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	kWh	0.014973	0.000000	0.014973
General Service Less Than 50 kW	kWh	0.005025	0.000000	0.005025
General Service 50 to 2,999 kW	kW	2.750002	0.000000	2.750002
General Service 3,000 to 4,999 kW	kW	4.813735	0.000000	4.813735
Unmetered Scattered Load	kWh	0.030952	0.000000	0.030952
Sentinel Lighting	kW	4.548230	0.000000	4.548230
Street Lighting	kW	3.410445	0.000000	3.410445



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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%				
<u>Rate Class</u>	<u>Applied to Class</u>				
Residential	Yes				
<u>Rate Description</u>	<u>Vol Metric</u>	<u>Current Amount</u>	<u>% Adjustment</u>	<u>\$ Adjustment</u>	<u>Final Amount</u>
Retail Transmission Rate – Network Service Rate	\$/kWh	0.004400	11.000%	0.000484	0.004884
Rate Class	Applied to Class				
General Service Less Than 50 kW	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kWh	0.003900	11.000%	0.000429	0.004329
Rate Class	Applied to Class				
General Service 50 to 2,999 kW	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kW	1.577800	11.000%	0.173558	1.751358
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW	1.943800	11.000%	0.213818	2.157618
Rate Class	Applied to Class				
General Service 3,000 to 4,999 kW	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kW	1.943800	11.000%	0.213818	2.157618
Rate Class	Applied to Class				
Unmetered Scattered Load	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kWh	0.003900	11.000%	0.000429	0.004329
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	1.214800	11.000%	0.133628	1.348428
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	1.197800	11.000%	0.131758	1.329558



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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%

Rate Class

Residential

Applied to Class

Yes

Rate Description

Retail Transmission Rate – Line and Transformation Connection Service Rate

Vol Metric

\$/kWh

Current Amount

0.004100

% Adjustment

5.000%

\$ Adjustment

0.000205

Final Amount

0.004305

Rate Class

General Service Less Than 50 kW

Applied to Class

Yes

Rate Description

Retail Transmission Rate – Line and Transformation Connection Service Rate

Vol Metric

\$/kWh

Current Amount

0.003800

% Adjustment

5.000%

\$ Adjustment

0.000190

Final Amount

0.003990

Rate Class

General Service 50 to 2,999 kW

Applied to Class

Yes

Rate Description

Retail Transmission Rate – Line and Transformation Connection Service Rate

Vol Metric

\$/kW

Current Amount

1.534300

% Adjustment

5.000%

\$ Adjustment

0.076715

Final Amount

1.611015

Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered

Vol Metric

\$/kW

Current Amount

1.700400

% Adjustment

5.000%

\$ Adjustment

0.085020

Final Amount

1.785420

Rate Class

General Service 3,000 to 4,999 kW

Applied to Class

Yes

Rate Description

Retail Transmission Rate – Line and Transformation Connection Service Rate

Vol Metric

\$/kW

Current Amount

1.700400

% Adjustment

5.000%

\$ Adjustment

0.085020

Final Amount

1.785420

Rate Class

Unmetered Scattered Load

Applied to Class

Yes

Rate Description

Retail Transmission Rate – Line and Transformation Connection Service Rate

Vol Metric

\$/kWh

Current Amount

0.003800

% Adjustment

5.000%

\$ Adjustment

0.000190

Final Amount

0.003990

Rate Class

Sentinel Lighting

Applied to Class

Yes

Rate Description

Retail Transmission Rate – Line and Transformation Connection Service Rate

Vol Metric

\$/kW

Current Amount

1.169500

% Adjustment

5.000%

\$ Adjustment

0.058475

Final Amount

1.227975

Rate Class

Street Lighting

Applied to Class

Yes

Rate Description

Retail Transmission Rate – Line and Transformation Connection Service Rate

Vol Metric

\$/kW

Current Amount

1.162100

% Adjustment

5.000%

\$ Adjustment

0.058105

Final Amount

1.220205



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Method of Application

Uniform Percentage

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tion Mechanism

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

Rate Description	Metric	Rate
Service Charge	\$	11.24
Distribution Volumetric Rate	\$/kWh	0.0150
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0049
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0043
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

Current

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

1.0544

1.0439



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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	11.19	0.0149
Less Rate Adders		
Smart Meters Rate Adder	0.28	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.04	-0.0001
Federal Tax Adjustment General	-0.02	0.0000
Price Cap Adj		
Price Cap Adjustment - General	0.12	0.0002
Smart Meters Rate Adder	0.28	0.0000
Applied For Rates	11.24	0.0150
	0.00	0.0000

	Fixed	Volumetric
	(\$)	\$/kWh
General Service Less Than 50 kW		
Current Rates	12.83	0.0050
Less Rate Adders		
Smart Meters Rate Adder	0.28	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.05	0.0000
Federal Tax Adjustment General	-0.03	0.0000
Price Cap Adj		
Price Cap Adjustment - General	0.14	0.0001
Smart Meters Rate Adder	0.28	0.0000
Applied For Rates	12.89	0.0050
	0.00	0.0000

	Fixed	Volumetric
	(\$)	\$/kW
General Service 50 to 2,999 kW		
Current Rates	342.41	2.7365
Less Rate Adders		
Smart Meters Rate Adder	0.28	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-1.37	-0.0109
Federal Tax Adjustment General	-0.68	-0.0055
Price Cap Adj		
Price Cap Adjustment - General	3.74	0.0299
Smart Meters Rate Adder	0.28	0.0000
Applied For Rates	344.10	2.7500
	0.00	0.0000

	Fixed	Volumetric
	(\$)	\$/kW
General Service 3,000 to 4,999 kW		
Current Rates	4,059.93	4.7901
Less Rate Adders		
Smart Meters Rate Adder	0.28	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-16.24	-0.0192
Federal Tax Adjustment General	-8.12	-0.0096
Price Cap Adj		
Price Cap Adjustment - General	44.39	0.0524
Smart Meters Rate Adder	0.28	0.0000
Applied For Rates	4,079.96	4.8137
	0.00	0.0000

	Fixed	Volumetric
	(\$)	\$/kWh
Unmetered Scattered Load		
Current Rates	8.88	0.0308
Less Rate Adders		
Smart Meters Rate Adder	0.00	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.04	-0.0001
Federal Tax Adjustment General	-0.02	-0.0001
Price Cap Adj		
Price Cap Adjustment - General	0.10	0.0003
Smart Meters Rate Adder	0.00	0.0000
Applied For Rates	8.92	0.0310
	0.00	0.0000

	Fixed	Volumetric
	(\$)	\$/kW
Sentinel Lighting		
Current Rates	0.72	4.5259
Less Rate Adders		
Smart Meters Rate Adder	0.00	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	0.00	-0.0181
Federal Tax Adjustment General	0.00	-0.0091
Price Cap Adj		

Price Cap Adjustment - General	0.01	0.0495
Smart Meters Rate Adder	0.00	0.0000
Applied For Rates	0.72	4.5482
	0.00	0.0000

	Fixed	Volumetric
Street Lighting	(\$)	\$/kW
Current Rates	0.38	3.3937
Less Rate Adders		
Smart Meters Rate Adder	0.00	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	0.00	-0.0136
Federal Tax Adjustment General	0.00	-0.0068
Price Cap Adj		
Price Cap Adjustment - General	0.00	0.0371
Smart Meters Rate Adder	0.00	0.0000
Applied For Rates	0.38	3.4104
	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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Instructions

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

Street Lighting

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	0.38	0.38
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	3.3937	3.4104
Distribution Volumetric Rate Rider(s)	\$/kW	-	-
Retail Transmission Rate – Network Service Rate	\$/kW	1.1978	1.3296
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.1621	1.2202
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	180	kWh	0.50	kW
RPP Tier One	750	kWh	Load Factor	49.3%

Loss Factor 1.0544

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	190	0.0560	10.64	190	0.0560	10.64	0.00	0.0%	51.53%
Energy Second Tier (kWh)	0	0.0650	0.00	0	0.0650	0.00	0.00	0.0%	0.00%
Sub-Total: Energy			10.64			10.64	0.00	0.0%	51.53%
Service Charge	1	0.38	0.38	1	0.38	0.38	0.00	0.0%	1.84%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	1	3.3937	3.39	1	3.4104	3.41	0.02	0.6%	16.51%
Distribution Volumetric Rate Rider(s)	1	0.0000	0.00	1	0.0000	0.00	0.00	0.0%	0.00%
Total: Distribution			3.77			3.79	0.02	0.5%	18.35%
Retail Transmission Rate – Network Service Rate	1	1.1978	1.20	1	1.3296	1.33	0.13	10.8%	6.44%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1	1.1621	1.16	1	1.2202	1.22	0.06	5.2%	5.91%
Total: Retail Transmission			2.36			2.55	0.19	8.1%	12.35%
Sub-Total: Delivery (Distribution and Retail Transmission)			6.13			6.34	0.21	3.4%	30.70%
Wholesale Market Service Rate	190	0.0052	0.99	190	0.0052	0.99	0.00	0.0%	4.79%
Rural Rate Protection Charge	190	0.0010	0.19	190	0.0010	0.19	0.00	0.0%	0.92%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	1.21%
Sub-Total: Regulatory			1.43			1.43	0.00	0.0%	6.92%
Debt Retirement Charge (DRC)	180	0.00700	1.26	180	0.00700	1.26	0.00	0.0%	6.10%
Total Bill before Taxes			19.46			19.67	0.21	1.1%	95.25%
GST	19.46	5%	0.97	19.67	5%	0.98	0.01	1.0%	4.75%
			20.43			20.65	0.22	1.1%	100.00%

Rate Class Threshold Test**Street Lighting**

	kWh	70	130	180	270	360
Loss Factor Adjusted kWh		74	138	190	285	380
	kW	0.20	0.35	0.50	0.75	1.00
Load Factor		0.48	0.51	0.49	0.49	0.49

Energy

Applied For Bill	\$ 4.14	\$ 7.73	\$ 10.64	\$ 15.96	\$ 21.28
Current Bill	\$ 4.14	\$ 7.73	\$ 10.64	\$ 15.96	\$ 21.28
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	33.8%	45.8%	51.5%	58.0%	61.9%

Distribution

Applied For Bill	\$ 3.79	\$ 3.79	\$ 3.79	\$ 3.79	\$ 3.79
Current Bill	\$ 3.77	\$ 3.77	\$ 3.77	\$ 3.77	\$ 3.77
\$ Impact	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02
% Impact	0.5%	0.5%	0.5%	0.5%	0.5%
% of Total Bill	30.9%	22.4%	18.4%	13.8%	11.0%

Retail Transmission

Applied For Bill	\$ 2.55	\$ 2.55	\$ 2.55	\$ 2.55	\$ 2.55
Current Bill	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36	\$ 2.36
\$ Impact	\$ 0.19	\$ 0.19	\$ 0.19	\$ 0.19	\$ 0.19
% Impact	8.1%	8.1%	8.1%	8.1%	8.1%
% of Total Bill	20.8%	15.1%	12.3%	9.3%	7.4%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 6.34	\$ 6.34	\$ 6.34	\$ 6.34	\$ 6.34
Current Bill	\$ 6.13	\$ 6.13	\$ 6.13	\$ 6.13	\$ 6.13
\$ Impact	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21
% Impact	3.4%	3.4%	3.4%	3.4%	3.4%
% of Total Bill	51.8%	37.5%	30.7%	23.0%	18.4%

Regulatory

Applied For Bill	\$ 0.70	\$ 1.11	\$ 1.43	\$ 2.02	\$ 2.61
Current Bill	\$ 0.70	\$ 1.11	\$ 1.43	\$ 2.02	\$ 2.61
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.7%	6.6%	6.9%	7.3%	7.6%

Debt Retirement Charge

Applied For Bill	\$ 0.49	\$ 0.91	\$ 1.26	\$ 1.89	\$ 2.52
Current Bill	\$ 0.49	\$ 0.91	\$ 1.26	\$ 1.89	\$ 2.52
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.0%	5.4%	6.1%	6.9%	7.3%

GST

Applied For Bill	\$ 0.58	\$ 0.80	\$ 0.98	\$ 1.31	\$ 1.64
Current Bill	\$ 0.57	\$ 0.79	\$ 0.97	\$ 1.30	\$ 1.63
\$ Impact	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01
% Impact	1.8%	1.3%	1.0%	0.8%	0.6%
% of Total Bill	4.7%	4.7%	4.7%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 12.25	\$ 16.89	\$ 20.65	\$ 27.52	\$ 34.39
Current Bill	\$ 12.03	\$ 16.67	\$ 20.43	\$ 27.30	\$ 34.17
\$ Impact	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22
% Impact	1.8%	1.3%	1.1%	0.8%	0.6%



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

Allowances

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

Metric **Current**

\$/kW	-0.60
%	-1.0



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Instructions

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

Customer Administration

	Metric	Current
Returned cheque charge (plus bank charges)	\$	15.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Special meter reads	\$	30.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Legal letter charge	\$	15.00
Arrears certificate	\$	15.00
Statement of account	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Income tax letter	\$	15.00
Account history	\$	15.00
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	

Non-Payment of Account

	Metric	Current
Late Payment - per month	%	1.5%
Late Payment - per annum	%	19.56%
Collection of account charge - no disconnection	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/Reconnect at meter - during regular hours	\$	65.00
Disconnect/Reconnect at meter - after regular hours	\$	185.00
Disconnect/Reconnect at pole - during regular hours	\$	185.00
Disconnect/Reconnect at pole - after regular hours	\$	415.00
	\$	
	\$	

Other

	Metric	Current
Install/Remove load control device - during regular hours	\$	65.00
Install/Remove load control device - after regular hours	\$	185.00
Service call - customer-owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Temporary service install & remove - overhead - no transformer	\$	500.00
Temporary service install & remove - underground - no transformer	\$	300.00
Temporary service install & remove - overhead - with transformer	\$	1000.00
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35
	\$	
	\$	
	\$	
	\$	
	\$	



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Instructions

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

	<u>Metric</u>	<u>Current</u>
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