Ontario Energy Board 2008 INCENTIVE RATE MECHANISM ADJUSTMENT

Sheet 1 Utility Information Sheet

Legend:	Input Cell	Pull-Down Menu Option	Output Cell	
Please note that this mode	el uses MACROS. Before stal	rting, please ensure that mac	cros have been enabled.	
Name of LDC:	Peninsula West Utilities Limited			
Licence Number:	ED-2002-0555]		
IRM 2008 EB Number: (<i>if known</i>)	EB-2007-XXXX	I		
IRM 2007 EB Number:	EB-2007-0570]		
EDR 2006 RP Number:	RP-2005-0020	EDR 2006 EB Number:	EB-2005-0405]
Date of Submission:	10/31/07	Last Saved Date:	10/31/07 3:46 PM]
Model Version:	2.0			
Contact Information Name:	Pamela Crump		1	
Title:	Accounting Supervisor			
Phone Number:	905-563-0469 ext. 226		1	
E-Mail Address:	pamela@penwest.on.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.

Comments

Copyright

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





Are you changing the descriptions of any of your service
Classifications?
Service Classifications, including descriptions, can be found on your Board
Approved 2007 Tariff of Rates and Charges.

Instructions:

(In some instances, rate classifications may differ from service classifications. The following table accounts for those differences.)

Using the pull-down list in column B, choose the classes that match those on your Board-Approved 2007 Tariff of Rates and Charges, are found under sub-heading "Monthly Rates and Charges". (If a Rate Classification needs to be added to the pull-down list, please contact the Board.)

YES

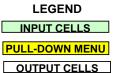
✓ NO

Indicate which Rate Classifications exist using the pull-down menu in column C.

Changes made to the Class names will affect the rest of the model. **Upon completion, press the update button.**

	Rate Classifications	Currently in Place
1	Residential Urban	Yes
2	Residential Suburban	Yes
3	General Service Less Than 50 kW	Yes
4	General Service 50 to 4,999 kW	Yes
5	Unmetered Scattered Load	Yes
6	Sentinel Lighting	Yes
7	Street Lighting	Yes
8	Rate Class 8	No
9	Rate Class 9	No
10	Rate Class 10	No
11	Rate Class 11	No
12	Rate Class 12	No
13	Rate Class 13	No
14	Rate Class 14	No
15	Rate Class 15	No
16	Rate Class 16	No





2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL Peninsula West Utilities Limited EB-2007-XXXX, EB-2007-0570, EB-2005-0405 Wednesday, October 31, 2007 Sheet 3 - 2007 Board-Approved Tariff of Rates and Charges

2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL 37

Peninsula West Utilities Limited EB-2007-XXXX, EB-2007-0570, EB-2005-0405

Wednesday, October 31, 2007

Ontario

Sheet 3 - 2007 Board-Approved Tariff of Rates and Charges

MONTHLY RATES AND CHARGES			below, indi	pull-down menu in cate whether (Yes) lers will be continu 2008-09 rate year	or not (No)
Residential Urban					
Service Charge	\$	10.40			
Distribution Volumetric Rate	\$/kWh	0.0205			
Deferred Projects Recovery	\$/kWh	0.0002		Yes]
Rate Rider 2 (if applicable)					
Regulatory Asset Recovery	\$/kWh	0.0066		No	
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0057			-
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0050			
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh				
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh				
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh				
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh				
Wholesale Market Service Rate	\$/kWh	0.0052			
Rural Rate Protection Charge	\$/kWh	0.0010			
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25			

2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL Peninsula West Utilities Limited EB-2007-XXXX, EB-2007-0570, EB-2005-0405

Wednesday, October 31, 2007

Sheet 3 - 2007 Board-Approved Tariff of Rates and Charges

Residential Suburban

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Ontario

Service Charge	\$	11.01	
Distribution Volumetric Rate	\$/kWh	0.0157	
Deferred Projects Recovery	\$/kWh	0.0001	Yes
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kWh	0.0062	No
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0057	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0050	
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate - Line and Transformation Connection Service Rate (if applicable)	\$/kWh		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	

General Service Less Than 50 kW

Service Charge	\$	10.72	
Distribution Volumetric Rate	\$/kWh	0.0196	
Deferred Projects Recovery	\$/kWh	0.0001	Yes
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kWh	0.0055	No
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045	
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	

General Service 50 to 4,999 kW

Service Charge	\$	23.23	
Distribution Volumetric Rate	\$/kWh	7.2162	
Deferred Projects Recovery	\$/kWh	0.0493	Yes
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kWh	1.6214	No
Retail Transmission Rate – Network Service Rate	\$/kWh	2.1218	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	1.7882	
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	

Unmetered Scattered Load

Service Charge(per connection)	\$	5.23	
Distribution Volumetric Rate	\$/kWh	0.0196	
Deferred Projects Recovery	\$/kWh	0.0001	Yes
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kWh	0.0066	No
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045	
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate - Line and Transformation Connection Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	

2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Peninsula West Utilities Limited EB-2007-XXXX, EB-2007-0570, EB-2005-0405

Wednesday, October 31, 2007

Sheet 3 - 2007 Board-Approved Tariff of Rates and Charges

Sentinel Lighting			
Service Charge(per connection)	\$	1.04	
Distribution Volumetric Rate	\$/kW	1.5406	
Deferred Projects Recovery	\$/kW	0.0418	Yes
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kW	1.2086	No
Retail Transmission Rate – Network Service Rate	\$/kW	1.6083	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4113	
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	
	Ŷ	0:20	

Street Lighting

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Ontario

\$	0.60	
\$/kW	1.4773	
\$/kW	0.0353	Yes
\$/kW	1.4401	No
\$/kW	1.6002	
\$/kW	1.3824	
\$/kW		
\$/kWh	0.0052	
\$/kWh	0.0010	
\$	0.25	
	\$/kW \$/kW \$/kW \$/kW \$/kW \$/kW \$/kW \$/kW	\$/kW 1.4773 \$/kW 0.0353 \$/kW 1.4401 \$/kW 1.6002 \$/kW 1.3824 \$/kW \$/kW \$/kW \$/kW \$/kW 0.0052 \$/kWh 0.0052 \$/kWh 0.0010

2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL Peninsula West Utilities Limited EB-2007-XXXX, EB-2007-0570, EB-2005-0405 Wednesday, October 31, 2007 Sheet 3 - 2007 Board-Approved Tariff of Rates and Charges 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL Peninsula West Utilities Limited EB-2007-XXXX, EB-2007-0570, EB-2005-0405 Wednesday, October 31, 2007 Sheet 3 - 2007 Board-Approved Tariff of Rates and Charges

Specific Service Charges

Returned cheque charge (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	S	

Non-Payment of Account

Late Payment - per month	%	1.50
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

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
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	s	

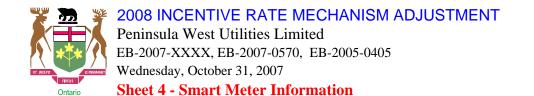
Allowances

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

LOSS FACTORS

1.0601
n/a
1.0495
n/a

2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL
 Peninsula West Utilities Limited
 EB-2007-XXXX, EB-2007-0570, EB-2005-0405
 Wednesday, October 31, 2007
 Sheet 3 - 2007 Board-Approved Tariff of Rates and Charges



The smart meter plan rate adder is a monthly service charge for metered customers <u>equivalent</u> 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 customer classes and sub-classes that the smart meter funding incremental adjustment applies to by inserting the smart meter rate adder into column D. For most utilities, the rate adder can be located in the Board-approved 2007 IRM model. Clicking the cursor on the Residential cell should show the formula for the monthly service charge including the smart meter adder. The adder is the same for all metered classes and sub-classes of a distributor.

Leave column F blank, and the model will by default use the existing rate adder in the following calculations. If a new value of the rate rider is required by a subsequent decision, Board staff will enter the appropriate values in column F.

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Smart	Meter	Rate	Adder

Residential Urban Residential Suburban General Service Less Than 50 kW General Service 50 to 4,999 kW

007 IRM	
0.26	
0.26	
0.26	
0.26	

2008 IRM



Did the applicant receive Board approval for incremental CDM spending (over and above the 3rd tranche) in 2007?



Class	2007	Monthly Service Charge	 07 Volumetric Rate Charge	M	ess: 2007 Smart eter Adder from lonthly Service Charge	Se	Adjusted Monthly ervice Charge	Vo	djusted lumetric Charge	
		\$	kW / kWh		\$		\$	k	V / kWh	
Residential Urban	\$	10.40	\$ 0.0205	\$	0.26	\$	10.14	\$	0.0205	\$/kWh
Residential Suburban	\$	11.01	\$ 0.0157	\$	0.26	\$	10.75	\$	0.0157	\$/kWh
General Service Less Than 50 kW	\$	10.72	\$ 0.0196	\$	0.26	\$	10.46	\$	0.0196	\$/kWh
General Service 50 to 4,999 kW	\$	23.23	\$ 7.2162	\$	0.26	\$	22.97	\$	7.2162	\$/kWh
Unmetered Scattered Load	\$	5.23	\$ 0.0196	\$	-	\$	5.23	\$	0.0196	\$/kWh
Sentinel Lighting	\$	1.04	\$ 1.5406	\$	-	\$	1.04	\$	1.5406	\$/kW
Street Lighting	\$	0.60	\$ 1.4773	\$	-	\$	0.60	\$	1.4773	\$/kW



2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Peninsula West Utilities Limited EB-2007-XXXX, EB-2007-0570, EB-2005-0405 Wednesday, October 31, 2007 Sheet 6 - K-Factor Derivation

Capital Structure Transition

OCT (Rate Base less \$10,000,000 X 0.30%)SBoard Approved 2006 PILs Model, Sheet "Test Year PILS, Tax Provision", Cell D30)PILs AllowanceS999,194U(Board Approved 2006 PILs Model, Sheet "Test Year PILS, Tax Provision", Cell D33)Taxable IncomeCurrent \$1,678,240AC(Board Approved 2006 PILs Model, Sheet "Test Year PILS, Tax Provision", Cell D13)Taxable IncomeCurrent \$1,678,240AC(Board Approved 2006 PILs Model, Sheet "Test Year PILS, Tax Provision", Cell D11)Federal Tax (grossed up)Current \$948,936V= AC + (Q1 - P1) * (R / 100)Federal Tax (grossed up)Current \$948,936V= AC * (R / 100) / (1 - R / 100)Base Revenue Requirement Adjustment (including PILs)(LCT is removed as it was removed in from rates in 2007 EDR,Current\$9.976,394.79X= N + V + T2008\$9.948,318.53Y= O + W + TBase 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)Current \$Current\$8,816,612.00Z= L + M2008\$7.88,535.74AA1= Z + (Y - X)Difference\$28,076.26AA2= AA1 - Z	Capital Struc	ture Transition				
$ \begin{array}{ c c c c c c c c c c c c c$			Mad Omali	Maddanas	1	1
DetermineEquity ControlDetermineEquity ControlDetermineEquity ControlDetermineEquity ControlDetermineEquity ControlDetermineEquity ControlDetermineEquity ControlDetermineEquity ControlDetermineEquity ControlDetermineEquity ControlDetermineEquity ControlDetermineDetermineEquity ControlDetermine <th>Year</th> <th></th> <th></th> <th></th> <th></th> <th></th>	Year					
Does5.3.% 200646.7% 6.0.%6.0.% 6.0.% 6.0.% 6.0.% 6.0.%6.0.% 6.0.% 6.0.% 6.0.% 6.0.%6.0.% 6.0.% 6.0.% 6.0.% 6.0.% 6.0.%6.0.% 6.0.% 6.0.% 6.0.%6.0.% 6.0.% 6.0.% 6.0.%6.0.% 6.0.% 6.0.% 6.0.%6.0.% 6.0.% 6.0.% 6.0.%6.0.% 6.0.% 6.0.% 6.0.%6.0.% 6.0.% 6.0.%6.0.% 6.0.% 6.0.%6.0.% 6.0.% 6.0.%6.0.% 6.0.% 6.0.%6.0.% 6.0.% 6.0.%6.0.% 6.0.% 6.0.%6.0.% 6.0.% 6.0.%6.0.% 6.0.% 6.0.%6.0.% 6.0.% 6.0.%6.0		Debt Equity	Debt Equity	Debt Equity	Debt Equity	
200 65.7° 43.3% 00.0% 40.0% 00.0% 40.0% 00.0% 40.0% 201 60.0% 40.0% 00.0% 40.0% 00.0% 40.0% 00.0% 40.0% Cosi of Capital parametersRole 10.0% 10.0% 40.0% 00.0% 40.0% 10.0% 10.0% Deht Rate 4 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% Dent Rate 4 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% Dent Capital StructureDettEquilyEquilyEquilyEquilyEquilyCurrent 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% Current 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 2008 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% Current 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% 2008 10.0% 10.0% 10.0% 10.0% 10.0% 10.0% Distrubution Expenses and Revenue Requirement L 10.0% 10.0% 10.0% 10.0% Distrubution ExpensesRevenue Requirement L 10.0% 10.0% 10.0% 10.0% CurrentN 5 5.0% 10.0% 10.0% 10.0% 10.0% 10.0% CurrentN 5 5.0% 10.0% 10.0% 10.0% 10.0% 10.0% </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Cost of Capital parameters ROE A 9000 % (Board Approved 2006 EDR Model, Sheet 3-2, Cell E22) Det Rate C 9 24:183.201 (Board Approved 2006 EDR Model, Sheet 3-1, Cell F21) Size of Utility 0 5 Board Approved 2006 EDR Model, Sheet 3-1, Cell F21) Deemed Capital Structure Exercise of Capital Current $f = \frac{1000}{0.001} \frac{5000}{0.001} \frac{5000}{0.001} \frac{22}{0.001} \frac{22}{0.000} Baard on C, copies the deemed Dif from row '2007' of the table Cost of Capital Current f = \frac{1000}{0.000} \frac{5000}{0.000} \frac{21}{0.000} \frac{21}{0.0$						
RDE A Stand Stan	2010	60.0% 40.0%	60.0% 40.0%	60.0% 40.0%	60.0% 40.0%	
Deb Rain B 2 23 K (geard Approved 2006 EDR Model, Sheet 3-2, Cell C25 ['] Reite Base of Unity D 2 23 100 (geard Approved 2006 EDR Model, Sheet 3-1, Cell F21; Durant F 20 100	Cost of Capit	al parameters				
Size of UNINY D Small Control Capital Structure Derived Capital Structure Current E Solution Control Capital Current Equity Current E Solution Control Capital Current Equity Current E Solution Control Capital Control Capital Control Capital Current Control Capital Current Control Capital Current Current			· · · ·			,
DebEquity 2008Based on C, copies the deamed D/E from row "2007" of the tableCost of Capital Coursent 2008 $A = \frac{51.6}{10.9}$ ($E + X B$) + ($E \times X A$) $E + E + X B$ Weighted Average Cost of capitalReturn on Rate Base Current $J = \frac{51.6}{10.9}$ ($E + X B$) + ($E \times X A$) $1.999.47.63$ = C × K P / 100Weighted Average Cost of capitalDistribution Expenses and Revenue Requirement (battore PLLs)Current $J = \frac{5}{1.999.47.63} = C \times K P / 100$ Distribution Expenses and Revenue Requirement $L \leq \frac{5}{7.55.95}$ (Board Approved 2006 EDR Model, Sheet 4-1, Cell F15, Base Revenue Requirement $L \leq \frac{5}{7.55.95}$ (Board Approved 2006 EDR Model, Sheet 6-3, Cell Total" in Row R120Revenue Requirement $L \leq \frac{5}{8.957.199.23} = 1 + K$ $B = \frac{50.107.69}{1.016.422.28} = J + K$ 2008 $S = \frac{10.106.427.15}{1.016.422.28} C = J - C 2$ Interest Expense 2008 $S = \frac{50.107.69}{1.016.422.28} C = 2 \times (B \times E1 / 100)$ PLs $S = \frac{50.107.69}{1.016.422.28} C = 2 \times (B \times E1 / 100)$ PLs $S = \frac{50.107.69}{1.016.422.28} C = 2 \times (B \times E1 / 100)$ PLs $S = \frac{50.107.69}{1.016.422.28} C = 2 \times (B \times E1 / 100)$ PLs $S = \frac{50.107.69}{1.016.422.28} C = 2 \times (B \times E1 / 100)$ PLs $S = \frac{50.107.69}{1.016.422.28} C = 2 \times (B \times E1 / 100)$ PLs $S = \frac{50.107.69}{1.016.422.28} C = 2 \times (B \times E1 / 100)$ PLs $S = \frac{50.107.69}{1.016.422.28} C = 2 \times (B \times E1 / 100)$ PLs $S = \frac{50.107.69}{1.016.422.28} C = C \times (B \times E1 / 100)$ PLs $S = \frac{50.107.69}{1.016.422.28} C = C \times (B \times E1 / 100)$ PLs $S = \frac{50.107.69}{1.016.422.28}$,		Approved 2006 ED	R Model, Sheet	3-1, Cell F21)
Current 2008Fr (3334)Stand or C. copies the deemed D/E from row "2004" of the table Based on C. copies the deemed D/E from row "2008" of the tableCost of Capital CurrentCost of Capital (2008)Cost of Capital (2008)Cost of Capital (2008)Cost of Capital (2008)Return on Rate Base CurrentImage: Cost of Capital (2008)Image: Cost of Capital (2008)Cost of Capital (2008)Cost of Capital (2008)Distribution Expenses and Revenue Requirement (Lot of Labora PLLs)KCost of Capital (Board Approved 2006 EDR Model, Sheet 4-1, Call F15, (Board Approved 2006 EDR Model, Sheet 5-5, Cell F27, Transformer Allowance CreditKS (2003)Cost of Capital (Board Approved 2006 EDR Model, Sheet 5-3, Cell Total" in Row R100Revenue Requirement 2008LS (2007)S (2008)S (2007)Cost of Capital (Board Approved 2006 EDR Model, Sheet 5-3, Cell Total" in Row R100Revenue Requirement (Lot of PLLs)S (1068;247:15 Pr = 1 - P2)S (Board Approved 2006 EDR Model, Sheet 5-3, Cell Total" in Row R100Current 2008N S (1068;247:15 Pr = 1 - P2)S (Board Approved 2006 PLLs Model, Sheet 7-ax Provision", Cell D14List 2008S (1068;247:15 Pr = 1 - P2)S (Board Approved 2006 PLLs Model, Sheet 7-ax Provision", Cell D14List 2008S (2007)S (Board Approved 2006 PLLs Model, Sheet 7-ax Provision", Cell D14List 2008S (2007)S (Board Approved 2000 PLLs Model, Sheet 7-ax Provision", Cell D31Current 2008S (2007)S (2008)PL 2008 <th< td=""><td>Deemed Capita</td><td></td><td></td><td></td><td></td><td></td></th<>	Deemed Capita					
Current $S = Start (FX B) + (EX X A)$ Weighted Average Cost of capital 2008 $H = Start (FX B) + (EX X A)$ Return on Rate Base Current $J = S = \frac{1.973.354.83}{1.973.354.83} = C \times 6 / 100$ 2008 $J = \frac{1.973.354.83}{1.959.947.63} = C \times 6 / 100$ 2008 $J = \frac{1.973.354.83}{1.959.947.63} = C \times 6 / 100$ Distribution Expenses and Revenue Requirement (before PLs) Distribution Expenses and Revenue Requirement $L = \frac{5}{9.0000} = \frac{7}{1.000} = \frac{7}{1.000} = \frac{7}{1.000} = \frac{7}{1.000} = \frac{7}{1.000} = \frac{7}{1.0000} = \frac{7}{1.00000} = \frac{7}{1.00000} = \frac{7}{1.000000} = \frac{1}{1.000000000} = \frac{1}{1.0000000000000000000000000000000000$		E1 50.0%	50.0% E2			
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$2008 \ \begin{tabular}{ c c c c c } \hline & & & & & & & & & & & & & & & & & & $						
Revenue Requirement (less LCT) (LCT is removed as it was removed in from rates in 2007 EDR, Current $9,976,394.79$ $X = N + V + T$ 2008 $9,948,318.53$ $Y = O + W + T$ 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) Current $\$$ $\$,816,612.00$ $Z = L + M$ 2008 $\$$ $\$,788,535.74$ $AA1 = Z + (Y - X)$ Difference $\$ - 28,076.26$ $AA2 = AA1 - Z$	Federal Tax (gr	ossed up)				
Current 2008 $$ 9,976,394.79$ 9,948,318.53 $X = N + V + T$ $= O + W + T$ Base Revenue Requirement (plus transformer allowance credit) (Transformer allowance credit needs to be added onto revenue requirement for full rate recovery - similar to LCT calculation in 2007 EDR)Current $$ 8,816,612.00$ $8,788,535.74$ $AA1 = Z + (Y - X)$ Difference $$ - 28,076.26$ $AA2 = AA1 - Z$	Base Revenu	e Requirement Adjust	ment (including l	PILs)		
2008 \$ 9,948,318.53 Y = $O + W + T$ 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) Current \$ 8,816,612.00 Z = L + M 2008 \$ 8,788,535.74 AA1 = Z + (Y - X) Difference \$ - 28,076.26 AA2 = AA1 - Z		· · ·	`		emoved in from r	ates in 2007 EDR,
(Transformer allowance credit needs to be added onto revenue requirement for full rate recovery - similar to LCT calculation in 2007 EDR) Current \$			1			
2008 \$ 8,788,535.74 AA1 = Z + (Y - X) Difference \$ - 28,076.26 AA2 = AA1 - Z	(Transformer a	allowance credit needs to	be added onto re	venue requireme	nt for	
	Difference	\$28	,076.26 AA2	= AA1 - Z		
	K-factor			= AA2 / Z		



2008 INCENTIVE RATE MECHANISM ADJUSTMENT Peninsula West Utilities Limited EB-2007-XXXX, EB-2007-0570, EB-2005-0405 Wednesday, October 31, 2007 Sheet 7 - Price Cap Adjustment

Note: No inputs are required for this worksheet.

Price Escalator (GDP-IPI)	expect	erage annual ed Productivity Gain (X)		(GDP-IPI) - X		K-Factor		al Price Cap djustment
1.9%		1.0%		0.9%		-0.3%		0.6%
	Adjusted	l Monthly Service Charge	Мо	nthly Service Charge with Price Cap Adjustment	Adj	usted Volumetric Rate (kW / kWh)	wi	lumetric Rate th Price Cap Adjustment
Residential Urban	\$	10.14	\$	10.20	\$	0.0205	\$	0.0206
Residential Suburban	\$	10.75	\$	10.81	\$	0.0157	\$	0.0158
General Service Less Than 50 kW	\$	10.46	\$	10.52	\$	0.0196	\$	0.0197
General Service 50 to 4,999 kW	\$	22.97	\$	23.11	\$	7.2162	\$	7.2595
Unmetered Scattered Load	\$	5.23	\$	5.26	\$	0.0196	\$	0.0197
Sentinel Lighting	\$	1.04	\$	1.05	\$	1.5406	\$	1.5498
Street Lighting	\$	0.60	\$	0.60	\$	1.4773	\$	1.4862



2008 INCENTIVE RATE MECHANISM ADJUSTMENT

Peninsula West Utilities Limited EB-2007-XXXX, EB-2007-0570, EB-2005-0405 Wednesday, October 31, 2007

Sheet 8 - Addback of Smart Meter Rate Adder

Note: No inputs are requir									
Class	Month	Nonthly Service Charge		Add: Smart Meter Rate Adder \$	Adjusted Monthly Service Charge \$		Adjusted Volumetric Charge <u>kW / kWh</u>		
Residential Urban	\$	10.20	\$	0.26	\$	10.46	\$	0.0206	
Residential Suburban	\$	10.81	\$	0.26	\$	11.07	\$	0.0158	
General Service Less Than 50 kW	\$	10.52	\$	0.26	\$	10.78	\$	0.0197	
General Service 50 to 4,999 kW	\$	23.11	\$	0.26	\$	23.37	\$	7.2595	
Unmetered Scattered Load	\$	5.26	\$	-	\$	5.26	\$	0.0197	
Sentinel Lighting	\$	1.05	\$	-	\$	1.05	\$	1.5498	
Street Lighting	\$	0.60	\$	-	\$	0.60	\$	1.4862	



🗸 NO

Is the Applicant seeking Board approval for other rate adjustments?

Z-Factor rate riders being applied for as part of the 2008 IRM rate adjustments should comply with Section 3.5 and Appendix C of the *Report of the Board on Cost of Capital and 2nd Generation Regulation Mechanism for Ontario's Electricity Distributors*, issued December 20, 2006 (link http://www.oeb.gov.on.ca/documents/cases/EB-2006-0088/report_of_the_board_201206.pdf). Rate riders applied for should comply with the eligibility requirements. A distributor should also file adequate support for its proposal.

In columns C and D below, insert the Z-Factor rate riders associated with the rate adjustment. Provide a brief explanation about the nature of the rate adjustment.

Class	Monthly Service Charge Rate Rider \$	Volumetric Charge Rate Rider <u>kW / kWh</u>
Residential Urban		
Residential Suburban		
General Service Less Than 50 kW		
General Service 50 to 4,999 kW		
Unmetered Scattered Load		
Sentinel Lighting		
Street Lighting		

Peninsula West Utilities Limited

Tariff OF RATES AND CHARGES Effective May 1, 2008* (*Except as otherwise noted) This schedule supersedes and replaces all previously approved schedules of Rates, Charges, and Loss Factors

EB-2007-0570

FOR OEB STAFF USE ONLY

MONTHLY RATES AND CHARGES

Residential Urban

Service Charge	\$	10.46
Distribution Volumetric Rate	\$/kWh	0.0206
Deferred Projects Recovery	\$/kWh	0.0002
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0057
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0050
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Residential Suburban

Service Charge	\$	11.07
Distribution Volumetric Rate	\$/kWh	0.0158
Deferred Projects Recovery	\$/kWh	0.0001
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0057
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0050
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

General Service Less Than 50 kW

Service Charge	\$	10.78
Distribution Volumetric Rate	\$/kWh	0.0197
Deferred Projects Recovery	\$/kWh	0.0001
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052
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

General Service 50 to 4,999 kW

Service Charge	\$	23.37
Distribution Volumetric Rate	\$/kWh	7.2595
Deferred Projects Recovery	\$/kWh	0.0493
Retail Transmission Rate – Network Service Rate	\$/kWh	2.1218
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	1.7882
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Unmetered Scattered Load

Service Charge(per connection)	\$	5.26
Distribution Volumetric Rate	\$/kWh	0.0197
Deferred Projects Recovery	\$/kWh	0.0001
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052
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

Sentinel Lighting

Service Charge(per connection)	\$	1.05
Distribution Volumetric Rate	\$/kW	1.5498
Deferred Projects Recovery	\$/kW	0.0418
Retail Transmission Rate – Network Service Rate	\$/kW	1.6083
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4113
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Street Lighting

Service Charge(per connection)	\$	0.60
Distribution Volumetric Rate	\$/kW	1.4862
Deferred Projects Recovery	\$/kW	0.0353
Retail Transmission Rate – Network Service Rate	\$/kW	1.6002
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3824
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Specific Service Charges

Customer Administration

Returned cheque charge (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Ion-Payment of Account		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	0	30.00
Collection of account charge - no disconnection - after regular hours	0	165.00
Disconnect/Reconnect at meter - during regular hours	0	65.00
Disconnect/Reconnect at meter - after regular hours	0	185.00
Disconnect/Reconnect at pole - during regular hours	0	185.00
Disconnect/Reconnect at pole - after regular hours	0	415.00
stall/Remove load control device - during regular hours	\$	65.00
nstall/Remove load control device - after regular hours	\$	185.00

2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL



Peninsula West Utilities Limited EB-2007-XXXX, EB-2007-0570, EB-2005-0405 Wednesday, October 31, 2007

Sheet 11 - Distribution Rate Change Summary

Note: No inputs are required for this worksheet.

			Fixed	Volumetric	
Residential Urban	Data		(\$)	\$ per	kW / kWh
	2007 Rates	\$	10.40	\$	0.0205
	Less: Smart meters	-\$	0.26	\$	-
	Less: CDM	\$	-	\$	-
	Add: GDP-IPI - X	\$	0.09	\$	0.0002
	Add: K-Factor	\$	(0.03)	-\$	0.0001
	Add: Smart Meters	\$	0.26	\$	-
	Final 2008 Rates	\$	10.46	\$	0.0206

<u>Residential Suburban</u>	Data		Fixed (\$)		olumetric r kW / kWh
	2007 Rates	\$	11.01	\$	0.0157
	Less: Smart meters	-\$	0.26	\$	-
	Less: CDM	\$	-	\$	-
	Add: GDP-IPI - X	\$	0.10	\$	0.0001
	Add: K-Factor	\$	(0.03)	-\$	0.0000
	Add: Smart Meters	\$	0.26	\$	-
	Final 2008 Rates	\$	11.07	\$	0.0158

			Fixed	Vo	lumetric
General Service Less Than 50 kW	Data		(\$)	\$ pe	r kW / kWh
	2007 Rates	\$	10.72	\$	0.0196
	Less: Smart meters	-\$	0.26	\$	-
	Less: CDM	\$	-	\$	-
	Add: GDP-IPI - X	\$	0.09	\$	0.0002
	Add: K-Factor	\$	(0.03)	-\$	0.0001
	Add: Smart Meters	\$	0.26	\$	-
	Final 2008 Rates	\$	10.78	\$	0.0197
			Fixed	Ma	lumetrie

			Fixed	v	olumetric
General Service 50 to 4,999 kW	Data		(\$)	\$ pe	er kW / kWh
	2007 Rates	\$	23.23	\$	7.2162
	Less: Smart meters	-\$	0.26	\$	-
	Less: CDM	\$	-	\$	-
	Add: GDP-IPI - X	\$	0.21	\$	0.0649
	Add: K-Factor	\$	(0.07)	-\$	0.0216
	Add: Smart Meters	\$	0.26	\$	-
	Final 2008 Rates	\$	23.37	\$	7.2595

2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL



Sentinel Lighting

Peninsula West Utilities Limited EB-2007-XXXX, EB-2007-0570, EB-2005-0405 Wednesday, October 31, 2007

Sheet 11 - Distribution Rate Change Summary

		Fixed	Volu	metric
Unmetered Scattered Load	Data	(\$)	\$ per k	W / kWh
	2007 Rates	\$ 5.23	\$	0.0196
	Less: Smart meters	\$ -	\$	-
	Less: CDM	\$ -	\$	-
	Add: GDP-IPI - X	\$ 0.05	\$	0.0002
	Add: K-Factor	\$ (0.02)	-\$	0.0001
	Add: Smart Meters	\$ -	\$	-
	Final 2008 Rates	\$ 5.26	\$	0.0197

	Fixed	Volumetric			
Data	(\$)	\$ F	oer kW / kWh		
2007 Rates	\$ 1.04	\$	1.5406		
Less: Smart meters	\$ -	\$	-		
Less: CDM	\$ -	\$	-		
Add: GDP-IPI - X	\$ 0.01	\$	0.0139		
Add: K-Factor	\$ (0.00)	-\$	0.0046		
Add: Smart Meters	\$ -	\$	-		
Final 2008 Rates	\$ 1.05	\$	1.5498		

Street Lighting	Data	Fixed (\$)		olumetric er kW / kWh
	2007 Rates	\$ 0.60	\$	1.4773
	Less: Smart meters	\$ -	\$	-
	Less: CDM	\$ -	\$	-
	Add: GDP-IPI - X	\$ 0.01	\$	0.0133
	Add: K-Factor	\$ (0.00)	-\$	0.0044
	Add: Smart Meters	\$ -	\$	-
	Final 2008 Rates	\$ 0.60	\$	1.4862





Peninsula West Utilities Limited EB-2007-XXXX, EB-2007-0570, EB-2005-0405

Wednesday, October 31, 2007 Sheet 12 - Annualized Bill Impact

Instructions

Ontario

(Remember, green cells are input cells)

1. Enter your desired consumption in both kWh and kW (if needed) into the green cells beneath the class name.

2. The Debt Retirement Charge (DRC) has been set at \$0.07. The figure can be overwritten if your LDC bills a different amount for the DRC.

Regulated Price Plan Residential	May-07		May-07	May-08		May-08
-	Threshold		\$ / kWh	Threshold		\$ / kWh
less than or equal to	600	\$	0.053	600	\$	0.053
greater than	> 600	\$	0.062	> 600	\$	0.062
Regulated Price Plan	May-07		May-07	May-08		May-08
Non-Residential	Threshold		\$ / kWh	Threshold		\$/kWh
		¢	0.053	750	¢	0.053
less than or equal to	750	\$	0.055	750	Ψ	0.055

Residential Urban

Consumption	1,000	kWh	0	kW	Loss Factor 1.0601
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		2007 BILI	_			2	008 BILL		IMPACT		
	Volume	RATE \$		CHARGE \$	Volume		RATE \$	CHARGE \$	\$	%	
Energy First Tier (kWh)	600	\$ 0.0530	\$	31.80	600	\$	0.0530	\$ 31.80	\$0.00	0.0%	
Energy Second Tier (kWh)	460	\$ 0.0620	\$	28.53	460	\$	0.0620	\$ 28.53	\$0.00	0.0%	
Sub-Total: Energy			\$	60.33				\$ 60.33	\$0.00	0.0%	
Monthly Service Charge	1	\$ 10.40	\$	10.40	1	\$	10.46	\$ 10.46	\$0.06	0.6%	
Distribution (kWh)	1,000	\$ 0.0205	\$	20.50	1,000	\$	0.0206	\$ 20.60	\$0.10	0.5%	
Distribution (kW)	0	\$ -	\$	-	0	\$	-	\$ -	\$0.00	0.0%	
Regulatory Assets (kWh)	1,000	\$ 0.0066	\$	6.60	1,000	\$	-	\$ -	(\$6.60)	(100.0)%	
Rate Riders	1,000	\$ 0.0002	\$	0.20	1,000	\$	0.0002	\$ 0.20	\$0.00	0.0%	
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A		N/A	1	\$	-	\$ -	\$0.00	0.0%	
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A		N/A	1,000	\$	-	\$ -	\$0.00	0.0%	
Retail Transmission Rate – Network Service Rate	1,060	\$ 0.0057	\$	6.04	1,060	\$	0.0057	\$ 6.04	\$0.00	0.0%	
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,060	\$ 0.0050	\$	5.30	1,060	\$	0.0050	\$ 5.30	\$0.00	0.0%	
Sub-Total: Delivery			\$	49.04				\$ 42.60	(\$6.44)	(13.1)%	
Wholesale Market Service Rate	1060	\$ 0.0052	\$	5.51	1060	\$	0.0052	\$ 5.51	\$0.00	0.0%	
Rural Rate Protection Charge	1060	\$ 0.0010	\$	1.06	1060	\$	0.0010	\$ 1.06	\$0.00	0.0%	
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$	0.25	1	\$	0.2500	\$ 0.25	\$0.00	0.0%	
Sub-Total: Regulatory			\$	6.82				\$ 6.82	\$0.00	0.0%	
Debt Retirement Charge (DRC)	1,000	\$ 0.0070	\$	7.00	1,000	\$	0.0070	\$ 7.00	\$0.00	0.0%	
Total Bill before Taxes			\$	123.19				\$ 116.75	(\$6.44)	(5.2)%	
GST	\$ 123.19	6.00%	\$	7.39	\$ 116.75		6.00%	\$ 7.01	(\$0.39)	(5.2)%	
Total Bill after Taxes			\$	130.58				\$ 123.76	(\$6.83)	(5.2)%	

Residential Suburban

Consumption	1,000	kW	′h	0	kW	N Loss Factor 1.0601						
Γ		20	07 BILL				2	2008 BILL		IMPACT		
	Volume		RATE \$	CHARGE \$	v	olume		RATE \$		CHARGE \$	\$	%
Energy First Tier (kWh)	600	\$	0.0530	\$ 31.80		600	\$	0.0530	\$	31.80	\$0.00	0.0%
Energy Second Tier (kWh)	460	\$	0.0620	\$ 28.53		460	\$	0.0620	\$	28.53	\$0.00	0.0%
Sub-Total: Energy				\$ 60.33					\$	60.33	\$0.00	0.0%
Monthly Service Charge	1	\$	11.01	\$ 11.01		1	\$	11.07	\$	11.07	\$0.06	0.5%
Distribution (kWh)	1,000	\$	0.0157	\$ 15.70		1,000	\$	0.0158	\$	15.80	\$0.10	0.6%
Distribution (kW)	0	\$	-	\$ -		0	\$	-	\$	-	\$0.00	0.0%
Regulatory Assets (kWh)	1,000	\$	0.0062	\$ 6.20		1,000	\$	-	\$		(\$6.20)	(100.0)%
Rate Riders	1,000	\$	0.0001	\$ 0.10		1,000	\$	0.0001	\$	0.10	\$0.00	0.0%
Monthly Rate Rider Adjustment (Sheet 9)	N/A		N/A	N/A		1	\$		\$	-	\$0.00	0.0%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A		N/A	N/A		1,000	\$	-	\$	-	\$0.00	0.0%
Retail Transmission Rate – Network Service Rate	1,060	\$	0.0057	\$ 6.04		1,060	\$	0.0057	\$	6.04	\$0.00	0.0%

Peninsula West Utilities Limited EB-2007-XXXX, EB-2007-0570, EB-2005-0405 Wednesday, October 31, 2007

Sheet 12 - Annualized Bill Impact

Ontario

(Remember, green cells are input cells)

1. Enter your desired consumption in both kWh and kW (if needed) into the green cells beneath the class name.

2. The Debt Retirement Charge (DRC) has been set at \$0.07. The figure can be overwritten if your LDC bills a different amount for the DRC.

Retail Transmission Rate - Line and			T			1				
Transformation Connection Service Rate	1,060	\$ 0.0050	\$	5.30	1,060	\$	0.0050	\$ 5.30	\$0.00	0.0%
Sub-Total: Delivery			\$	44.35				\$ 38.31	(\$6.04)	(13.6)%
Wholesale Market Service Rate	1060	\$ 0.0052	\$	5.51	1060	\$	0.0052	\$ 5.51	\$0.00	0.0%
Rural Rate Protection Charge	1060	\$ 0.0010	\$	1.06	1060	\$	0.0010	\$ 1.06	\$0.00	0.0%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$	0.25	1	\$	0.2500	\$ 0.25	\$0.00	0.0%
Sub-Total: Regulatory			\$	6.82				\$ 6.82	\$0.00	0.0%
Debt Retirement Charge (DRC)	1,000	\$ 0.0070	\$	7.00	1,000	\$	0.0070	\$ 7.00	\$0.00	0.0%
Total Bill before Taxes			\$	118.50				\$ 112.46	(\$6.04)	(5.1)%
GST	\$ 118.50	6.00%	\$	7.11	\$ 112.46		6.00%	\$ 6.75	(\$0.36)	(5.1)%
Total Bill after Taxes			\$	125.61				\$ 119.21	(\$6.40)	(5.1)%

General Service Less Than 50 kW

Consumption	2,000	kWh	0	kW Loss Factor 1.0601						
1		2007 BILL	-		2008 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%		
Energy First Tier (kWh)	750	\$ 0.0530		5 750	\$ 0.0530	\$ 39.75	\$0.00	0.0%		
Energy Second Tier (kWh)	1,370	\$ 0.0620	\$ 84.9	5 1,370	\$ 0.0620	\$ 84.95	\$0.00	0.0%		
Sub-Total: Energy			\$ 124.7)		\$ 124.70	\$0.00	0.0%		
Monthly Service Charge	1	\$ 10.72	\$ 10.7	2 1	\$ 10.78	\$ 10.78	\$0.06	0.6%		
Distribution (kWh)	2,000	\$ 0.0196	\$ 39.2	2,000	\$ 0.0197	\$ 39.40	\$0.20	0.5%		
Distribution (kW)	0	\$-	\$-	0	\$-	\$-	\$0.00	0.0%		
Regulatory Assets (kWh)	2,000	\$ 0.0055	\$ 11.0	2,000	\$-	\$-	(\$11.00)	(100.0)%		
Rate Riders	2,000	\$ 0.0001	\$ 0.2	2,000	\$ 0.0001	\$ 0.20	\$0.00	0.0%		
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$-	\$-	\$0.00	0.0%		
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	2,000	\$-	\$-	\$0.00	0.0%		
Retail Transmission Rate – Network Service Rate	2,120	\$ 0.0052	\$ 11.0	3 2,120	\$ 0.0052	\$ 11.03	\$0.00	0.0%		
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,120	\$ 0.0045	\$ 9.5	4 2,120	\$ 0.0045	\$ 9.54	\$0.00	0.0%		
Sub-Total: Delivery			\$ 81.6)		\$ 70.95	(\$10.74)	(13.1)%		
Wholesale Market Service Rate	2120	\$ 0.0052	\$ 11.0	3 2120	\$ 0.0052	\$ 11.03	\$0.00	0.0%		
Rural Rate Protection Charge	2120	\$ 0.0010	\$ 2.1	2 2120	\$ 0.0010	\$ 2.12	\$0.00	0.0%		
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.2	5 1	\$ 0.2500		\$0.00	0.0%		
Sub-Total: Regulatory			\$ 13.4)		\$ 13.40	\$0.00	0.0%		
Debt Retirement Charge (DRC)	2,000	\$ 0.0070	\$ 14.0	2,000	\$ 0.0070	\$ 14.00	\$0.00	0.0%		
Total Bill before Taxes			\$ 233.7	3		\$ 223.04	(\$10.74)	(4.6)%		
GST	\$ 233.78	6.00%	\$ 14.0	\$ 223.04	6.00%	\$ 13.38	(\$0.64)	(4.6)%		
Total Bill after Taxes			\$ 247.8			\$ 236.43	(\$11.38)	(4.6)%		

Peninsula West Utilities Limited EB-2007-XXXX, EB-2007-0570, EB-2005-0405

Wednesday, October 31, 2007 Sheet 12 - Annualized Bill Impact

Instructions (Remember, <u>green cells</u> are input cells)

Ontario

1. Enter your desired consumption in both kWh and kW (if needed) into the green cells beneath the class name.

2. The Debt Retirement Charge (DRC) has been set at \$0.07. The figure can be overwritten if your LDC bills a different amount for the DRC.

General Service 50 to 4,999 kW

Consumption	157, <mark>000</mark>	kWh	310	kW	Loss Factor 1.0601

		2007 BILL	-		2	008 BILL			MPACT
	Volume	RATE \$	CHARGE \$	Volume		RATE \$	CHARGE \$	\$	%
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39	75 750	\$	0.0530	\$ 39.75	\$0.00	0.0%
Energy Second Tier (kWh)	165,686	\$ 0.0620	\$ 10,272	51 165,686	\$	0.0620	\$ 10,272.51	\$0.00	0.0%
Sub-Total: Energy			\$ 10,312	26			\$ 10,312.26	\$0.00	0.0%
Monthly Service Charge	1	\$ 23.23	\$ 23	23 1	\$	23.37	\$ 23.37	\$0.14	0.6%
Distribution (kWh)	157,000	\$-	\$	157,000	\$	-	\$ -	\$0.00	0.0%
Distribution (kW)	310	\$ 7.2162	\$ 2,237	02 310	\$	7.2595	\$ 2,250.45	\$13.42	0.6%
Regulatory Assets (kWh)	310	\$ 1.6214	\$ 502	63 310	\$	-	\$ -	(\$502.63)	(100.0)%
Rate Riders	310	\$ 0.0493	\$ 15	28 310	\$	0.0493	\$ 15.28	\$0.00	0.0%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$	-	\$ -	\$0.00	0.0%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	310	\$	-	\$ -	\$0.00	0.0%
Retail Transmission Rate – Network Service Rate	329	\$ 2.1218	\$ 697	29 329	\$	2.1218	\$ 697.29	\$0.00	0.0%
Retail Transmission Rate – Line and Transformation Connection Service Rate	329	\$ 1.7882	\$ 587	66 329	\$	1.7882	\$ 587.66	\$0.00	0.0%
Sub-Total: Delivery			\$ 4,063	12			\$ 3,574.05	(\$489.07)	(12.0)%
Wholesale Market Service Rate	166436	\$ 0.0052	\$ 865	47 166436	\$	0.0052	\$ 865.47	\$0.00	0.0%
Rural Rate Protection Charge	166436	\$ 0.0010	\$ 166	44 166436	\$	0.0010	\$ 166.44	\$0.00	0.0%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0	25 1	\$	0.2500	\$ 0.25	\$0.00	0.0%
Sub-Total: Regulatory			\$ 1,032	15			\$ 1,032.15	\$0.00	0.0%
Debt Retirement Charge (DRC)	157,000	\$ 0.0070	\$ 1,099	00 157,000	\$	0.0070	\$ 1,099.00	\$0.00	0.0%
Total Bill before Taxes			\$ 16,506	53			\$ 16,017.46	(\$489.07)	(3.0)%
GST	\$ 16,506.53	6.00%	\$ 990	39 \$ 16,017.46	6	6.00%	\$ 961.05	(\$29.34)	(3.0)%
Total Bill after Taxes			\$ 17,496	92			\$ 16,978.51	(\$518.42)	(3.0)%

Unmetered Scattered Load

Consumption	732	kWh	0	kW Loss Factor 1.0601							
		2007 BILL	•		2008 BILL	-	IMPACT				
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%			
Energy First Tier (kWh)	750	\$ 0.0530	÷	750	\$ 0.0530		\$0.00	0.0%			
Energy Second Tier (kWh)	26	\$ 0.0620	\$ 1.61	26	\$ 0.0620	\$ 1.61	\$0.00	0.0%			
Sub-Total: Energy			\$ 41.36			\$ 41.36	\$0.00	0.0%			
Monthly Service Charge	1	\$ 5.23	\$ 5.23	1	\$ 5.26	\$ 5.26	\$0.03	0.6%			
Distribution (kWh)	732	\$ 0.0196	\$ 14.35	732	\$ 0.0197	\$ 14.42	\$0.07	0.5%			
Distribution (kW)	0	\$-	\$-	0	\$-	\$-	\$0.00	0.0%			
Regulatory Assets (kWh)	732	\$ 0.0066	\$ 4.83	732	\$-	\$-	(\$4.83)	(100.0)%			
Rate Riders	732	\$ 0.0001	\$ 0.07	732	\$ 0.0001	\$ 0.07	\$0.00	0.0%			
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$-	\$-	\$0.00	0.0%			
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	732	\$-	\$-	\$0.00	0.0%			
Retail Transmission Rate – Network Service Rate	776	\$ 0.0052	\$ 4.04	776	\$ 0.0052	\$ 4.04	\$0.00	0.0%			
Retail Transmission Rate – Line and Transformation Connection Service Rate	776	\$ 0.0045	\$ 3.49	776	\$ 0.0045	\$ 3.49	\$0.00	0.0%			
Sub-Total: Delivery			\$ 32.01			\$ 27.28	(\$4.73)	(14.8)%			
Wholesale Market Service Rate	776	\$ 0.0052	\$ 4.04	776	\$ 0.0052	\$ 4.04	\$0.00	0.0%			
Rural Rate Protection Charge	776	\$ 0.0010	\$ 0.78	776	\$ 0.0010	\$ 0.78	\$0.00	0.0%			
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%			
Sub-Total: Regulatory			\$ 5.06			\$ 5.06	\$0.00	0.0%			
Debt Retirement Charge (DRC)	732	\$ 0.0070	\$ 5.12	732	\$ 0.0070	\$ 5.12	\$0.00	0.0%			
Total Bill before Taxes			\$ 83.56			\$ 78.83	(\$4.73)	(5.7)%			
GST	\$ 83.56	6.00%	\$ 5.01	\$ 78.83	6.00%	\$ 4.73	(\$0.28)	(5.7)%			

Peninsula West Utilities Limited EB-2007-XXXX, EB-2007-0570, EB-2005-0405

Wednesday, October 31, 2007

Sheet 12 - Annualized Bill Impact

Ontario

(Remember, green cells are input cells)

1. Enter your desired consumption in both kWh and kW (if needed) into the green cells beneath the class name.

2. The Debt Retirement Charge (DRC) has been set at \$0.07. The figure can be overwritten if your LDC bills a different amount for the DRC.

Total Bill after Taxes	\$ 88.57		\$ 83.56	(\$5.01)	(5.7)%

Sentinel Lighting

Consumption	310	kWh	10	kW	1.0 <mark>6</mark> 01			
	2007 BILL			2008 BILL	IMPACT			
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%
Energy First Tier (kWh)	329	\$ 0.0530	\$ 17.42	329	\$ 0.0530	\$ 17.42	\$0.00	0.0%
Energy Second Tier (kWh)	0	\$ 0.0620	\$-	0	\$ 0.0620	\$-	\$0.00	0.0%
Sub-Total: Energy			\$ 17.42			\$ 17.42	\$0.00	0.0%
Monthly Service Charge	1	\$ 1.04	\$ 1.04	1	\$ 1.05	\$ 1.05	\$0.01	1.0%
Distribution (kWh)	310	\$-	ş -	310	\$-	\$-	\$0.00	0.0%
Distribution (kW)	10	\$ 1.5406	\$ 15.41	10	\$ 1.5498	\$ 15.50	\$0.09	0.6%
Regulatory Assets (kWh)	10	\$ 1.2086	\$ 12.09	10	\$-	\$-	(\$12.09)	(100.0)%
Rate Riders	10	\$ 0.0418	\$ 0.42	10	\$ 0.0418	\$ 0.42	\$0.00	0.0%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$-	\$-	\$0.00	0.0%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	10	\$-	\$-	\$0.00	0.0%
Retail Transmission Rate – Network Service Rate	11	\$ 1.6083	\$ 17.05	11	\$ 1.6083	\$ 17.05	\$0.00	0.0%
Retail Transmission Rate – Line and Transformation Connection Service Rate	11	\$ 1.4113	\$ 14.96	11	\$ 1.4113	\$ 14.96	\$0.00	0.0%
Sub-Total: Delivery			\$ 60.96			\$ 48.98	(\$11.98)	(19.7)%
Wholesale Market Service Rate	329	\$ 0.0052	\$ 1.71	329	\$ 0.0052	\$ 1.71	\$0.00	0.0%
Rural Rate Protection Charge	329	\$ 0.0010	\$ 0.33	329	\$ 0.0010	\$ 0.33	\$0.00	0.0%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%
Sub-Total: Regulatory			\$ 2.29			\$ 2.29	\$0.00	0.0%
Debt Retirement Charge (DRC)	310	\$ 0.0070	\$ 2.17	310	\$ 0.0070	\$ 2.17	\$0.00	0.0%
Total Bill before Taxes			\$ 82.84			\$ 70.85	(\$11.98)	(14.5)%
GST	\$ 82.84	6.00%	\$ 4.97	\$ 70.85	6.00%	\$ 4.25	(\$0.72)	(14.5)%
Total Bill after Taxes		•	\$ 87.81			\$ 75.10	(\$12.70)	(14.5)%

Street Lighting

Consumption	32,000	kWh	97	kW Loss Factor 1.0601							
]	2007 BILL				200	IMPACT					
	Volume	RATE \$	CHARGE \$	Volume		RATE \$	CH	ARGE \$	\$	%	
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39.75	750	\$	0.0530		39.75	\$0.00	0.0%	
Energy Second Tier (kWh)	33,173	\$ 0.0620	\$ 2,056.74	33,173	\$	0.0620	\$	2,056.74	\$0.00	0.0%	
Sub-Total: Energy			\$ 2,096.49				\$	2,096.49	\$0.00	0.0%	
Monthly Service Charge	1	\$ 0.60	\$ 0.60		\$	0.60	\$	0.60	\$0.00	0.0%	
Distribution (kWh)	32,000	\$ -	\$-	32,000	\$	-	\$	-	\$0.00	0.0%	
Distribution (kW)	97	\$ 1.4773	\$ 143.30		\$	1.4862	\$	144.16	\$0.86	0.6%	
Regulatory Assets (kWh)	97	\$ 1.4401	\$ 139.69	-	\$	-	\$	-	(\$139.69)	(100.0)%	
Rate Riders	97	\$ 0.0353	\$ 3.42	97	\$	0.0353	\$	3.42	\$0.00	0.0%	
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$	-	\$	-	\$0.00	0.0%	
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	97	\$	-	\$	-	\$0.00	0.0%	
Retail Transmission Rate – Network Service Rate	103	\$ 1.6002	\$ 164.55	103	\$	1.6002	\$	164.55	\$0.00	0.0%	
Retail Transmission Rate – Line and Transformation Connection Service Rate	103	\$ 1.3824	\$ 142.15	103	\$	1.3824	\$	142.15	\$0.00	0.0%	
Sub-Total: Delivery			\$ 593.71				\$	454.89	(\$138.83)	(23.4)%	
Wholesale Market Service Rate	33923	\$ 0.0052	\$ 176.40	33923	\$	0.0052	\$	176.40	\$0.00	0.0%	
Rural Rate Protection Charge	33923	\$ 0.0010	\$ 33.92	33923	\$	0.0010	\$	33.92	\$0.00	0.0%	
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$	0.2500	\$	0.25	\$0.00	0.0%	
Sub-Total: Regulatory			\$ 210.57				\$	210.57	\$0.00	0.0%	

Peninsula West Utilities Limited EB-2007-XXXX, EB-2007-0570, EB-2005-0405 Wednesday, October 31, 2007

Ontario Sheet 12 - Annualized Bill Impact

Instructions

(Remember, <u>green cells</u> are input cells)

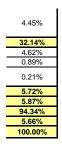
1. Enter your desired consumption in both kWh and kW (if needed) into the green cells beneath the class name.

2. The Debt Retirement Charge (DRC) has been set at \$0.07. The figure can be overwritten if your LDC bills a different amount for the DRC.

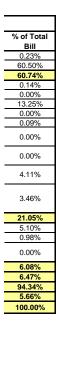
					-			
Debt Retirement Charge (DRC)	32,000	\$ 0.0070	\$ 224.0	32,000	\$ 0.0070	\$ 224.00	\$0.00	0.0%
Total Bill before Taxes			\$ 3,124.7	7		\$ 2,985.95	(\$138.83)	(4.4)%
GST	\$ 3,124.77	6.00%	\$ 187.4	9 \$ 2,985.95	6.00%	\$ 179.16	(\$8.33)	(4.4)%
Total Bill after Taxes			\$ 3,312.2	6		\$ 3,165.10	(\$147.16)	(4.4)%

% of Total
Bill
26.68%
23.93%
50.61%
9.29%
13.25%
0.00%
0.00%
0.08%
0.00%
0.00%
5.07%

% of Total
Bill
25.70%
23.05%
48.75%
8.45%
16.65%
0.00%
0.00%
0.16%
0.00%
0.00%
4.88%
4.28%
34.42%
4.45%
0.86%
0.20%
5.51%
5.66%
94.34%
5.66%
100.00%







% of Total
Bill
47.57%
1.93%
49.50%
6.30% 17.26%
0.00%
0.00%
0.09%
0.00%
0.00%
4.83%
4.18%
32.65%
4.83%
0.93%
0.30%
6.06%
6.13%
94.34%
5.66%





3.05% 2.89% 94.34% 5.66% 100.00%

% of Total
Bill
1.26%
64.98%
66.24%
0.02%
0.00%
4.55%
0.00%
0.11%
0.00%
0.00%
5.20%
4.49%
14.37%
5.57%
1.07%
0.01%
6.65%





Click on the Calculate" button to determine a series of bill impacts for each class at different consumption levels. *Please note that the values input into columns C (kWh) and D (kW) below are filler only and may or may not reflect the true consumption nature of the associated rate class. It is the applicant's responsibility to ensure realistic value ranges are entered into the Columns C & D.*

Class	Consumption	Consumption	2007 Bill	l	2008 Bill	Difference	Bill Impact	Max	Min
	kWh	kW				\$	%		
Residential Urban	100		\$ 22.78	\$	22.15	\$ (0.63)	-2.7%	-2.7%	-5.3%
	250		\$ 40.02	\$	38.36	(1.66)	-4.1%		
	500		\$ 68.74	\$	65.36	\$ (3.38)	-4.9%		
	600		\$ 80.58	\$	76.51	\$ (4.07)	-5.1%		
	750		\$ 99.33		94.22	\$ (5.10)	-5.1%		
	1,000		\$ 130.58		123.76	(6.83)	-5.2%		
	1,500		\$ 193.09	\$	182.82	\$ (10.27)	-5.3%		
Residential Suburban	100		\$ 50.62	\$	50.03	\$ (0.58)	-1.2%	-1.2%	-5.2%
	250		\$ 58.08	\$	56.52	\$ (1.55)	-2.7%		
	500		\$ 70.51	\$	67.34	\$ (3.17)	-4.5%		
	600		\$ 77.85		74.04	\$ (3.82)	-4.9%		
	750		\$ 95.76	\$	90.98	\$ (4.79)	-5.0%		
	1,000		\$ 125.61	\$	119.21	\$ (6.40)	-5.1%		
	1,500		\$ 185.31	\$	175.68	\$ (9.64)	-5.2%		
General Service Less Than 50 kW	2,000	10	\$	\$	172.98	\$ -	0.0%	0.0%	-0.4%
	5,000	27	\$ 425.79	\$	425.69	\$ (0.09)	0.0%		
	7,000	69	\$ 595.45	\$	595.12	\$ (0.33)	-0.1%		
	10,000	274	\$ 855.35	\$	853.85	\$ (1.51)	-0.2%		
	12,000	685	\$ 1,038.93	\$	1,035.07	\$ (3.86)	-0.4%		
	15,000	1,028	\$ 1,303.99	\$	1,298.17	\$ (5.82)	-0.4%		
	20,000	1,371	\$ 1,737.16	\$	1,729.38	\$ (7.78)	-0.4%		
General Service 50 to 4,999 kW	20,000	10	\$ 1,840.87	\$	1,823.82	\$ (17.05)	-0.9%	-0.9%	-1.2%
	40,000	27	\$ 3,758.67	\$	3,712.97	\$ (45.71)	-1.2%		
	100,000	69	\$ 9,370.08	\$	9,255.59	\$ (114.49)	-1.2%		
	400,000	274	\$ 37,427.11	\$	36,968.71	\$ (458.40)	-1.2%		
	1,000,000	685	\$ 93,541.18	\$	92,394.96	\$ (1,146.22)	-1.2%		
	1,500,000	1,028	\$ 140,302.90	\$	138,583.49	\$ (1,719.41)	-1.2%		
	2,000,000	1,371	\$ 187,064.63	\$	184,772.03	\$ (2,292.60)	-1.2%		
Unmetered Scattered Load	100	10	\$ 13.60	\$	13.56	\$ (0.04)	-0.3%	-0.3%	-5.8%
	250	27	\$ 25.36	\$	25.20	\$ (0.16)	-0.6%	•	
	500	69	\$ 45.44	\$	45.00	\$ (0.44)	-1.0%		
	600	274	\$ 60.80	\$	58.95	\$ (1.86)	-3.1%		
	750	685	\$ 88.27		83.58	\$ (4.69)	-5.3%		
	1,000	1,028	\$ 122.57	\$	115.52	\$ (7.05)	-5.8%		
	1,500	1,371	\$ 177.89	\$	168.48	\$ (9.41)	-5.3%		



Click on the Calculate" button to determine a series of bill impacts for each class at different consumption levels. *Please note that the values input into columns C (kWh) and D (kW) below are filler only and may or may not reflect the true consumption nature of the associated rate class. It is the applicant's responsibility to ensure realistic value ranges are entered into the Columns C & D.*

Class	Consumption	Consumption	2007 Bill		2008 Bill	Difference	Bill Impact	Max	Min
	kWh	kW				\$	%		l
Sentinel Lighting	50	10	\$ 70	36 \$	57.30	\$ (13.06)	-18.6%	-18.6%	-19.7%
	125	27	\$ 184	72 \$	149.88	\$ (34.84)	-18.9%		
	250	69	\$ 455	13 \$	368.02	\$ (87.12)	-19.1%		
	500	274	\$ 1,779	46 \$	1,430.96	\$ (348.50)	-19.6%		
	1,000	685	\$ 4,431	07 \$	3,559.80	\$ (871.26)	-19.7%		
	1,500	1,028	\$ 6,649	49 \$	5,342.59	\$ (1,306.90)	-19.7%		
	2,000	1,371	\$ 8,867	92 \$	7,125.38	\$ (1,742.54)	-19.6%		
Street Lighting	2,000	10	\$ 228	49 \$	212.89	\$ (15.59)	-6.8%	-6.8%	-10.4%
	4,000	27	\$ 507	64 \$	466.06	\$ (41.59)	-8.2%		
	10,000	69	\$ 1,278	49 \$	1,174.52	\$ (103.97)	-8.1%		
	50,000	274	\$ 5,973	29 \$	5,557.43	\$ (415.86)	-7.0%		
	75,000	685	\$ 10,739	77 \$	9,700.11	\$ (1,039.66)	-9.7%		
	100,000	1,028	\$ 15,062	07 \$	13,502.58	\$ (1,559.49)	-10.4%		
	150,000	1,371	\$ 21,485	79 \$	19,406.47	\$ (2,079.32)	-9.7%		

October 31, 2007

Ontario Energy Board ATTN: Kirsten Walli, Board Secretary 2300 Yonge Street 27th Floor Toronto, Ontario M4P 1E4

Dear Ms. Walli,

Re: License #ED-2002-0555 IRM 2007 EB-2007-0570 EDR 2006 RP-2005-0020 EDR 2006 EB-2005-0405

Enclosed are the following:

- Manager's Summary
- 2 hard copies of 2008 IRM Model
- Print screen of on-line confirmation

Yours truly,

Karen Bubish Peninsula West Utilities Limited Chief Operating Officer

KB/clj

MANAGER'S SUMMARY - MAY 1, 2008 ELECTRICITY DISTRIBUTION RATE ADJUSTMENT – PENINSULA WEST UTILITIES LIMITED. (THE "APPLICANT") FILED NOVEMBER 1, 2007

1. Introduction:

- 1.1 On September 28, 2007, the Ontario Energy Board (the "OEB") issued the Filing Requirements for 2008 Incentive Regulation Mechanism Distribution Rate Adjustments. The Filing Requirements set out that distributor's applying for distribution rate adjustments for May 1, 2008 based on the 2nd Generation Incentive Regulation Mechanism ("IRM") policies set out in the Report of the Board on Cost of Capital and 2nd Generation Incentive Regulation Mechanism (the "Board Report" or the "Report") dated December 20, 2006. Distributors not filing on this basis will need to file a Cost of Service rate application in accordance with the Board's Filing Requirements for Transmission and Distribution Applications, based on a forward test year.
- 1.2 The Filing Requirements convey the OEB's expectation that 2008 electricity distribution rate adjustment applications be filed by November 1, 2007.

The Filing Requirements outline that the 2008 rate adjustments will include the 2^{nd} Generation IRM price cap adjustment; and the removal of the regulatory asset recovery, as applicable.

- 1.3 The Applicant confirms that it is applying for its 2008 distribution rate adjustment based on the cost of capital and 2nd Generation IRM policies as set out in the OEB's Filing Requirements. Accordingly, the Applicant has prepared its submission in accordance with the methodology set out in the Filing Requirements, and has used the OEB's 2008 Incentive Regulation Mechanism Distribution Rate Adjustment Model (the "2008 IRM Model") issued with the Filing Requirements to calculate its proposed 2008 electricity distribution rates and charges, effective May 1, 2008.
- 1.4 The Applicant's requested 2008 adjustments, based on the bill impact analysis incorporated into the 2008 IRM Model, result in the following average bill impacts:

Residential URBAN (1000 kWh before GST)	-5.2%
Residential SUB(1000 kWh before GST)	-5.1%
General Service <50 kW (2,000 kWh before GST)	-4.6%
General Service > 50 kW (310 kW before GST)	-3.0%

Bill impacts related to specific customer classes and consumption profiles are reviewed in detail in the body of this Manager's Summary.

1.5 As this submission is consistent with the policies of the Report and the OEB's Filing Requirements, the Applicant trusts that this Application will be addressed and determined by the OEB in order that the proposed distribution rates may be implemented for May 1,

2008. In the event that the OEB determines that it will be unable to consider certain of the adjustments requested by the Applicant within the time available prior to May 1, 2008, the Applicant requests that the OEB issue an interim Order which would allow for those adjustments with which the OEB has no concerns to be made effective May 1, 2008.

1.6 This Manager's Summary is organized to correspond to the various steps in the 2008 IRM Model, from the identification of the Applicant's 2007 Rate Classes in Sheet 2 (Sheet 1, the "Utility Information Sheet", consists simply of the identification of, and the contact information for the Applicant), through the analysis of bill impacts in Sheets 12-13. The remainder of this submission is set out as follows:

Section: Topic:

- 2. Identification of 2007 Rate Classes (Sheet 2)
- 3. 2007 OEB-Approved Tariff of Rates and Charges (Sheet 3)
- 4. Smart Meter Information, and Removal of Smart Meter Charge from 2007 Rates (Sheets 4 and 5)
- 5. Conservation and Demand Management
- 6. K-factor Derivation (Sheet 6)
- 7. Price Cap Adjustment to "Basic" Distribution Rates (Sheet 7)
- 8. Add back of Smart Meter Amounts (Sheet 8)
- 9. Z-Factor Rate Rider Adjustment (Sheet 9)
- 10. Proposed Tariff of Rates and Charges, Effective May 1, 2008 (Sheet 10)
- 11. Distribution Rate Change Summary (Sheet 11)
- 12. Bill Impacts (Sheets 12 and 13)
- 13. Conclusion

The Applicant would be pleased to address any questions the OEB may have in respect of this proposed rate adjustment, to be implemented May 1, 2008.

2. Identification of 2007 Rate Classes (Sheet 2):

2.1 The Applicant has identified its 2007 Service Classifications and Rate Classifications in Sheet 2 of the 2008 IRM Model. The classifications are set out in Table 2-1 below, for the OEB's reference.

TABLE 2-1

PENINSULA WEST UTILITIES LIMITED 2007 RATE CLASSIFICATIONS

Rate Classifications:

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

3. 2007 OEB-Approved Tariff of Rates and Charges (Sheet 3):

- 3.1 In Sheet 3, the Applicant has entered its OEB-approved 2007 electricity distribution rates and charges. In accordance to the Filing Requirements, the Applicant does not request an extension for recovery of Regulatory Assets.
- 3.2 The OEB-2007 electricity distribution rates and charges are set out in Table 3-1 below, for the OEB's reference.

TABLE 3-1

PENINSULA WEST UTILITIES LIMITED OEB-APPROVED 2007 ELECTRICITY DISTRIBUTION RATES AND CHARGES

Residential - Urban		
Monthly Service Charge per Customer		\$10.40
Distribution kWh Rate		\$0.0205
Regulatory Asset Recovery		\$0.0066
Residential - Suburban Monthly Service Charge per Customer Distribution kWh Rate Regulatory Asset Recovery		\$11.01 \$0.0157 \$0.0062
General Service < 50 kW Monthly Service Charge per Customer Distribution kWh Rate Regulatory Asset Recovery	\$10.72 \$0.0196 \$0.0055	
General Service > 50 kW Monthly Service Charge per Customer Distribution kW Rate Regulatory Asset Recovery		\$23.23 \$7.2162 \$1.6214

Unmetered Scattered Load	
Monthly Service Charge per Customer	\$5.23
Distribution kWh Rate	\$0.0196
Regulatory Asset Recovery	\$0.0066
Sentinel Lights	
Monthly Service Charge per Connection	\$1.04
Distribution kW Rate	\$1.5406
Regulatory Asset Recovery	\$1.2086
Street Lighting	
Monthly Service Charge per Connection	\$0.6033
Distribution kW Rate	\$1.4773
Regulatory Asset Recovery	\$1.4401

4. Smart Meter Information, and Removal of Smart Meter Charge from 2007 Rates (Sheets 4 and 5):

- 4.1 In accordance with the Board's Decision RP-2005-0020/EB-2005-0529 and as approved in the Board's Decision and Rate Order for each distribution rate application, smart meter funding is currently included in the Monthly Service Charge for metered customers. The Filing Requirements outline that the current rate adder must be removed and then reincorporated into the 2008 rate.
- 4.2 As reported in the Filing Requirements,

"Based on the methodology set out in Appendix "E" in the Board's Decision EB-2007-0063, prescribed distributors are required to calculate their Smart Meter adder for 2008. This amount should be entered into the Smart Meter Adder Sheet. "

4.3

Sheet 4 of the 2008 IRM Model shows the Applicant's 2007 and 2008 smart meterrelated rate adders. Sheet 5 removes the smart meter component of the fixed monthly charge to create a new "Base" monthly service charge. The Applicant's Monthly Service Charges, Smart Meter Charges and Base Monthly Service Charges are set out on Sheet 5.

4.4 The 2008 smart meter-related adder is applied to the Base Monthly Service Charges later in the rate making process, after the price cap adjustment to the "Basic" Distribution Rates. It is discussed in Section 8, below.

5. Conservation and Demand Management:

- 5.1 The Filing Requirements set out that CDM funding approved in rates for 2007 must be removed from the 2008 rates. This adjustment does not apply to funds approved under the third tranche of the Market Adjusted Revenue Requirement, approved in rates in 2005.
- 5.2 The Applicant did not receive any incremental CDM funding in its OEB-approved 2007 distribution rates. Accordingly, the Adjusted Monthly Service Charges at this stage are shown in Table 4-1, and the volumetric rates remain unchanged.

6. K-Factor (Sheet 6):

- 6.1 Sheet 6 of the 2008 IRM Model calculates the K-factor adjustment for the transition to the common deemed capital structure of 60% equity and 40% debt to be used for rate setting, replacing the four capital structures in use since 2000. The calculated K-factor represents the percentage change in revenue requirement (including taxes/PILs) and hence, distribution rates, due solely to changing from the distributor's current deemed capital structure to the 2008 transitional capital structure appropriate for that distributor (the "K-factor adjustment").
- 6.2 The Applicant submits a calculated K-Factor of -03%.

7. Price Cap Adjustment (Sheet 7):

- 7.1 The Filing Requirements (at page 4) provide that "The Board has determined that GDP-IPI [the Canada Gross Domestic Product Implicit Price Index] – for final domestic demand is to be used as the price escalator for the 2nd Generation IRM. The Board expects applicants to use, as a proxy, the current value of 1.9% in their application. When the final 2007 data are published by Statistics Canada in late February 2008, the Board will adjust the inflation index in each distributor's rate application model, to ensure this final published number is used to adjust rates for all distributors."
- 7.2 The OEB's 1% X-Factor is then applied to the price escalator, so that the price adjustment formula is (GDP-IPI)-X, and the -0.3% K-Factor. Based on the current GDP-IPI proxy of 1.9%, the result is a net upward adjustment of 0.6%.
- 7.3 Sheet 7 of the 2008 IRM Model applies this price cap adjustment. The Applicant's resulting price cap adjusted monthly service charges and volumetric rates are summarized on sheet 7

8. Addback of Smart Meter Amounts (Sheet 8)

- 8.1 Having removed the smart meter adder in Sheet 5, the 2008 IRM Model restores the smart meter adder in Sheet 8.
- 8.2 The 2008 smart meter adder will be \$0.26, once again to be added to the monthly service charge. The price cap adjusted volumetric charge will not change because of the restoration of the smart meter adder.
- 8.3 Sheet 8 generates the "Final" 2008 monthly service charges and volumetric charges, which are then incorporated into Sheet 10 (the Applicant's proposed Tariff of Rates and Charges.)
- 8.4 The Applicant's resulting "2008 Final Monthly Service Charges" and "2008 Final Volumetric Rates" are shown in sheet 8

9. Z-Factors and Other Matters

9.1 The Applicant confirms that there are no Z-Factor or other adjustments being requested in this Application.

10. Proposed Tariff of Rates and Charges, Effective May 1, 2008 (Sheet 10):

10.1 Sheet 10 of the 2008 IRM Model sets out the Applicant's full tariff of rates and charges, which includes the 2008 Final Monthly Service Charges and Volumetric Rates calculated in Sheet 8 and all other charges that form part of the Applicant's rate order - these other charges are not changing in the 2008 IRM process. Accordingly, the Applicant has not provided a summary of the tariff here. The 2008 Final Monthly Service Charges and Variable Rates that result from the operation of the 2008 IRM Model has been summarized in Table 8-1.

11. Distribution Rate Change Summary

11.1 Sheet 11 of the 2008 IRM Model sets out the Applicant's Distribution Rate Change summary, which outlines the calculation of rate change for each of the Applicant's rate classes.

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12. Bill Impacts (Sheets 12 and 13)

- 12.1 Sheets 12 and 13 of the 2008 IRM Model calculate the impacts of the 2008 adjustments on customer bills the sheets include numerous customer profiles, and bill impacts are calculated.
- 12.2 The sheets calculate dollar and percentage changes in respect of individual elements of the bill, and in respect of the total bill. The following briefly summarize the average consumption impacts of the adjustments on the total bill.

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TABLE 12-1 Sheet 13 PENINSULA WEST UTILITIES LIMITED BILL IMPACT ANALYSIS

	2007 Bill	2008 Bill	Difference	Bill Impact %
Residential Class 1000 kWh	\$130.58	\$123.76	\$(6.83)	-5.2%
General Service < 50 kW	¢247.91	¢226.42		4.60/
2000 kWh	\$247.81	\$236.43	\$(11.38)	-4.6%
General Service > 50 kW 310kW 157,000 kWh	\$17,496.92	\$16,978.51	\$(518.42	-3.0%
Unmetered Scattered Load 732 kWh	\$88.57	\$83.56	\$(5.01)	-5.7%
Sentinel Lighting 10kW, 310kWh	\$87.81	\$75.11	\$(12.70)	-14.5%
Street Lighting 97 kW, 32,000 kWh	\$3312.26	\$3165.10	\$(147.16)	-4.4%

12.3 The Applicant submits that the anticipated bill impacts in this application are reasonable and that no mitigation measures are necessary.

13. Conclusion

13.1 In light of the all of the foregoing, including the minimal bill impacts arising out of its proposed 2008 distribution rate adjustments, the Applicant requests that the OEB adjust its rates in the manner set out in the 2008 IRM Model submitted herewith.