



Ontario Energy Board

Revenue/Cost Ratio Model

Choose Your Utility:

Ottawa River Power Corporation	-
Parry Sound Power Corporation	-

Application ED-2003-0006
 OEB Application IRM3
 LDC Licence #: EB-2011-0193

Application Contact Information

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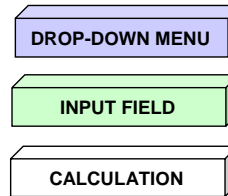
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We are applying for rates effective: January 1, 2012

Last COS Re-based Year: 2011

Legend



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While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.



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The purpose of this sheet is to set up the rate classes, enter the re-based billing determinants from your last cost of service application and enter the current service charge and volumetric distribution rates as found on your May 1, 2011 (or subsequent) Tariff of rates and charges.

Rate Group	Rate Class	Fixed Metric	Vol Metric	Re-based Billed Customers or Connections A	Re-based Billed kWh B	Re-based Billed kW C	Current Tariff Service Charge D	Current Tariff Distribution Volumetric Rate kWh E	Current Tariff Distribution Volumetric Rate kW F
RES	Residential	Customer	kWh	2,812	33,427,924		21.55	0.0172	
GSLT50	General Service Less Than 50 kW	Customer	kWh	493	16,733,379		32.19	0.0132	
GSGT50	General Service 50 to 4,999 kW	Customer	kW	68	37,802,659	97,727	203.06		4.0776
USL	Unmetered Scattered Load	Customer	kWh	18	58,750		22.29	0.1301	
Sen	Sentinel Lighting	Connection	kW	12	12,745	36	4.16		16.1330
SL	Street Lighting	Connection	kW	1,004	867,846	2,421	1.31		13.1417
NA	Rate Class 7	NA	NA						
NA	Rate Class 8	NA	NA						
NA	Rate Class 9	NA	NA						
NA	Rate Class 10	NA	NA						
NA	Rate Class 11	NA	NA						
NA	Rate Class 12	NA	NA						
NA	Rate Class 13	NA	NA						
NA	Rate Class 14	NA	NA						
NA	Rate Class 15	NA	NA						
NA	Rate Class 16	NA	NA						
NA	Rate Class 17	NA	NA						
NA	Rate Class 18	NA	NA						
NA	Rate Class 19	NA	NA						
NA	Rate Class 20	NA	NA						
NA	Rate Class 21	NA	NA						
NA	Rate Class 22	NA	NA						
NA	Rate Class 23	NA	NA						
NA	Rate Class 24	NA	NA						
NA	Rate Class 25	NA	NA						



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The purpose of this sheet is to remove any rate adders included in current rates. Most applicants will not need to make an entry on this sheet.

Rate Class	Current Tariff Service Charge A	Current Tariff Distribution Volumetric Rate kWh B	Current Tariff Distribution Volumetric Rate kW C	Service Charge Rate Adders D	Distribution Volumetric kWh Rate Adders E	Distribution Volumetric kW Rate Adders F
Residential	21.55	0.0172	0.0000	0.00	0.0000	0.0000
General Service Less Than 50 kW	32.19	0.0132	0.0000	0.00	0.0000	0.0000
General Service 50 to 4,999 kW	203.06	0.0000	4.0776	0.00	0.0000	0.0000
Unmetered Scattered Load	22.29	0.1301	0.0000	0.00	0.0000	0.0000
Sentinel Lighting	4.16	0.0000	16.1330	0.00	0.0000	0.0000
Street Lighting	1.31	0.0000	13.1417	0.00	0.0000	0.0000



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

Rate Class	Re-based Billed Customers or Connections A	Re-based Billed kWh B	Re-based Billed kW C	Current Base Service Charge D	Current Base Distribution Volumetric Rate kWh E	Current Base Distribution Volumetric Rate kW F	Service Charge Revenue G = A * D * 12	Distribution Volumetric Rate Revenue kWh H = B * E	Distribution Volumetric Rate Revenue kW I = C * F	Revenue Requirement from Rates J = G + H + I
Residential	2,812	33,427,924	0	21.55	0.0172	0.0000	727,183	574,960	0	1,302,143
General Service Less Than 50 kW	493	16,733,379	0	32.19	0.0132	0.0000	190,436	220,881	0	411,317
General Service 50 to 4,999 kW	68	37,802,659	97,727	203.06	0.0000	4.0776	165,697	0	398,492	564,189
Unmetered Scattered Load	18	58,750	0	22.29	0.1301	0.0000	4,815	7,643	0	12,458
Sentinel Lighting	12	12,745	36	4.16	0.0000	16.1330	599	0	581	1,180
Street Lighting	1,004	867,846	2,421	1.31	0.0000	13.1417	15,783	0	31,816	47,599
							1,104,513	803,484	430,888	2,338,885



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The purpose of this sheet is to enter the Revenue Cost Ratios as determined from column G on Sheet "C1.5 Proposed R C Ratio Adj" of the applicant's 2011 IRM3 Supplemental Filing Module or 2011 COS Decision and Order.

Under the column labeled "Direction", the applicant can choose "No Change" (i.e: no change in that rate class ratio), "Change" (i.e: Board ordered change from COS decision) or "Rebalance" (i.e: to apply any offset adjustments required).

Rate Class	Direction	Current Year 2011	Transition Year 1 2012	Transition Year 2 2013	Transition Year 3 2014	Transition Year 4 2015	Transition Year 5 2016
Residential	No Change	102.00%	102.00%	102.00%	102.00%	102.00%	102.00%
General Service Less Than 50 kW	No Change	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
General Service 50 to 4,999 kW	Rebalance	135.60%	tbd	tbd	tbd	tbd	tbd
Unmetered Scattered Load	No Change	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%
Sentinel Lighting	No Change	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%
Street Lighting	Change	35.00%	52.00%	70.00%	70.00%	70.00%	70.00%



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The purpose of this sheet is to allocate the Revenue Offsets (miscellaneous revenue, cell F47) found in the last COS to the various rate classes in proportion to the allocation from the Cost Allocation informational filing.

Rate Class	Informational Filing Revenue Offsets A	Percentage Split C = A / B	Allocated Revenue Offsets E = D * C
Residential	62,381	61.77%	64,729
General Service Less Than 50 kW	19,675	19.48%	20,416
General Service 50 to 4,999 kW	14,170	14.03%	14,703
Unmetered Scattered Load	3,752	3.72%	3,893
Sentinel Lighting	42	0.04%	44
Street Lighting	965	0.96%	1,001
	B 100,985	100.00%	D 104,786



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The purpose of this sheet is to remove the transformer allowance from volumetric rates. In Cell E47, enter your Transformer Allowance as per your 2011 IRM3 Supplemental Filing Module or your last CoS Decision. Under the column labeled "Transformer Allowance in Rates" select "Yes" if included in that rate class or "No" if not included. Once selected, apply the update button to reveal input cells in which you can enter the number of kW's and the transformer rate for each rate class.

Rate Class	Transformer Allowance in Rate	Transformer Allowance A	Transformer Allowance kW's C	Transformer Allowance Rate E	Volumetric Distribution Rate F	Billed kW's G	Adjusted Volumetric Distribution Rate I = (F * (G - C) + (F - E) * C) / G
Residential	No						
General Service Less Than 50 kW	No						
General Service 50 to 4,999 kW	Yes	14,046	23,410	0.6000	4.0776	97,727	3.9339
Unmetered Scattered Load	No						
Sentinel Lighting	No						
Street Lighting	No						
		- 14,046	23,410			97,727	
		B	D			H	
		28,092					



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

Rate Class	Billed Customers or Connections A	Billed kWh B	Billed kW C	Base Service Charge D	Base Distribution Volumetric Rate kWh E	Base Distribution Volumetric Rate kW F	Service Charge G = A * D * 12	Distribution Volumetric Rate kWh H = B * E	Distribution Volumetric Rate kW I = C * F	Revenue Requirement from Rates J = G + H + I
Residential	2,812	33,427,924	0	0	21.55	0.0172	0.0000	727,183	0	1,302,143
General Service Less Than 50 kW	493	16,733,379	0	0	32.19	0.0132	0.0000	190,436	0	411,317
General Service 50 to 4,999 kW	68	37,802,659	97,727	0	203.06	0.0000	3,9339	165,697	384,446	550,143
Unmetered Scattered Load	18	58,750	0	0	22.29	0.1301	0.0000	4,815	7,643	12,458
Sentinel Lighting	12	12,745	36	0	4.16	0.0000	0.0000	599	0	1,180
Street Lighting	1,004	867,846	2,421	0	1.31	0.0000	0.0000	15,783	31,816	47,599
							1,104,513	803,484	416,842	2,324,839



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Proposed Revenue Cost Ratio Adjustment

Rate Class	Adjusted Revenue A	Current Revenue Cost Ratio B	Re-Allocated Cost C = A / B	Proposed Revenue Cost Ratio D	Final Adjusted Revenue E = C * D	Dollar Change F = E - C	Percentage Change G = (E / C) - 1
Residential	\$ 1,366,872	1.02	\$ 1,340,071	1.02	\$ 1,366,872	-\$ 0	0.0%
General Service Less Than 50 kW	\$ 431,732	0.85	\$ 507,920	0.85	\$ 431,732	\$ 0	0.0%
General Service 50 to 4,999 kW	\$ 564,846	1.36	\$ 416,553	1.30	\$ 541,240	-\$ 23,606	-4.2%
Unmetered Scattered Load	\$ 16,351	0.80	\$ 20,439	0.80	\$ 16,351	\$ 0	0.0%
Sentinel Lighting	\$ 1,223	0.70	\$ 1,748	0.70	\$ 1,223	-\$ 0	0.0%
Street Lighting	\$ 48,600	0.35	\$ 138,858	0.52	\$ 72,206	\$ 23,606	48.6%
	<u>\$ 2,429,625</u>		<u>\$ 2,425,589</u>		<u>\$ 2,429,625</u>	<u>\$ 0</u>	<u>0.0%</u>

Out of Balance - **0**

Final ? **Yes**



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Proposed Revenue from Revenue Cost Ratio Adjustment

Rate Class	Adjusted Revenue By Revenue Cost Ratio A		Allocated Re-Based Revenue Offsets B		Revenue Requirement from Rates Before Transformer Allowance C = A - B		Re-based Transformer Allowance D		Revenue Requirement from Rates E = C + D	
Residential	\$	1,366,872	\$	64,729	\$	1,302,143	\$	-	\$	1,302,143
General Service Less Than 50 kW	\$	431,732	\$	20,416	\$	411,317	\$	-	\$	411,317
General Service 50 to 4,999 kW	\$	541,240	\$	14,703	\$	526,537	\$	14,046	\$	540,583
Unmetered Scattered Load	\$	16,351	\$	3,893	\$	12,458	\$	-	\$	12,458
Sentinel Lighting	\$	1,223	\$	44	\$	1,180	\$	-	\$	1,180
Street Lighting	\$	72,206	\$	1,001	\$	71,205	\$	-	\$	71,205
	\$	2,429,625	\$	104,786	\$	2,324,839	\$	14,046	\$	2,338,885



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Proposed fixed and variable revenue allocation

Rate Class	Revenue Requirement from Rates A	Service Charge % Revenue B	Distribution Volumetric Rate % Revenue kWh C	Distribution Volumetric Rate % Revenue kW D	Service Charge Revenue E = A * B	Distribution Volumetric Rate Revenue kWh F = A * C	Distribution Volumetric Rate Revenue kW G = A * D	Revenue Requirement from Rates by Rate Class H = E + F + G
Residential	\$ 1,302,143	55.8%	44.2%	0.0%	\$ 727,183	\$ 574,960	\$ -	\$ 1,302,143
General Service Less Than 50 kW	\$ 411,317	46.3%	53.7%	0.0%	\$ 190,436	\$ 220,881	\$ -	\$ 411,317
General Service 50 to 4,999 kW	\$ 540,583	29.4%	0.0%	70.6%	\$ 158,764	\$ -	\$ 381,819	\$ 540,583
Unmetered Scattered Load	\$ 12,458	38.6%	61.4%	0.0%	\$ 4,815	\$ 7,643	\$ -	\$ 12,458
Sentinel Lighting	\$ 1,180	50.8%	0.0%	49.2%	\$ 599	\$ -	\$ 581	\$ 1,180
Street Lighting	\$ 71,205	33.2%	0.0%	66.8%	\$ 23,610	\$ -	\$ 47,595	\$ 71,205
	<u>\$ 2,338,885</u>				<u>\$ 1,105,407</u>	<u>\$ 803,484</u>	<u>\$ 429,994</u>	<u>\$ 2,338,885</u>



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Proposed fixed and variable rates

Rate Class	Service Charge	Distribution Volumetric	Distribution Volumetric	Re-based Billed	Re-based Billed	Re-based Billed	Proposed Base	Proposed Base	Proposed Base
	Revenue	Rate Revenue	Rate Revenue	Customers or	Re-based Billed	Re-based Billed	Service Charge	Distribution	Distribution
	A	kWh	kW	Connections	kWh	kW	G = A / D / 12	Volumetric Rate kWh	Volumetric Rate kW
		B	C	D	E	F		H = B / E	I = C / F
Residential	\$ 727,183	\$ 574,960	\$ -	2,812	33,427,924	0	21.55	0.0172	-
General Service Less Than 50 kW	\$ 190,436	\$ 220,881	\$ -	493	16,733,379	0	32.19	0.0132	-
General Service 50 to 4,999 kW	\$ 158,764	\$ -	\$ 381,819	68	37,802,659	97,727	194.56	-	3.9070
Unmetered Scattered Load	\$ 4,815	\$ 7,643	\$ -	18	58,750	0	22.29	0.1301	-
Sentinel Lighting	\$ 599	\$ -	\$ 581	12	12,745	36	4.16	-	16.1330
Street Lighting	\$ 23,610	\$ -	\$ 47,595	1,004	867,846	2,421	1.96	-	19.6591



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Proposed adjustments to Base Service Charge and Distribution Volumetric Rate. Enter the adjustments found in column M and N below into Sheet 17 of the 2012 IRM Rate Generator Model.

Rate Class	Proposed Base			Current Base			Adjustment Required Base Service Charge G = A - D	Adjustment Required Base Distribution Volumetric Rate kWh H = B - E	Adjustment Required Base Distribution Volumetric Rate kW I = C - F
	Proposed Base Service Charge A	Proposed Base Distribution Volumetric Rate kWh B	Proposed Base Distribution Volumetric Rate kW C	Current Base Service Charge D	Current Base Distribution Volumetric Rate kWh E	Current Base Distribution Volumetric Rate kW F			
Residential	\$ 21.55	\$ 0.0172	\$ -	\$ 21.55	\$ 0.0172	\$ -	\$ -	\$ -	\$ -
General Service Less Than 50 kW	\$ 32.19	\$ 0.0132	\$ -	\$ 32.19	\$ 0.0132	\$ -	\$ -	\$ -	\$ -
General Service 50 to 4,999 kW	\$ 194.56	\$ -	\$ 3.9070	\$ 203.06	\$ -	\$ 4.0776	\$ 8.50	\$ -	\$ 0.1706
Unmetered Scattered Load	\$ 22.29	\$ 0.1301	\$ -	\$ 22.29	\$ 0.1301	\$ -	\$ -	\$ -	\$ -
Sentinel Lighting	\$ 4.16	\$ -	\$ 16.1330	\$ 4.16	\$ -	\$ 16.1330	\$ -	\$ -	\$ -
Street Lighting	\$ 1.96	\$ -	\$ 19.6591	\$ 1.31	\$ -	\$ 13.1417	\$ 0.65	\$ -	\$ 6.5174