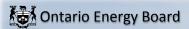


Revenue to Cost Ratio Adjustment Model for 2015 IRM Filers

Utility Name	Chapleau Public Utilities Corporation	
Service Territory Name	Town of Chapleau	
Assigned EB Number	EB-2014-0063	
Name and Title	Marita Morin, Secretary/Treasurer	
Phone Number	705-864-0111	
Email Address	chec@onlink.net	
Date	Oct. 1, 2014	
Last COS Re-based Year	2012	

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While this model has been providein 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.

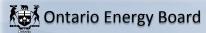


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The purpose of this sheet is to set up the rate classes, enter the re-based billing determinants from your last cost of service application and enter the current service charge and volumetric distribution rates as found on your most current Tariff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

Rate Group	Rate Class	Fixed Metric	Vol Metric	Re-based Billed Customers or Connections A	Re-based Billed kWh B		Current Tariff Service Charge D	Current Tariff Distribution Volumetric Rate kWh E	Current Tariff Distribution Volumetric Rate kW F
RES	Residential	Customer	kWh	1,133	14,448,113		23.77	0.0138	
GSLT50	General Service Less Than 50 kW	Customer	kWh	161	5,209,322		34.78	0.0177	
GSGT50	General Service 50 to 4,999 kW	Customer	kW	14	7,592,321	19,360	192.00		3.5875
USL	Unmetered Scattered Load	Connection	kWh	6	7,209		24.71	0.0332	
Sen	Sentinel Lighting	Connection	kW	23	25,718	65	7.84		13.6395
SL	Street Lighting	Connection	kW	341	292,061	773	4.38		20.3873
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						



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	23.77	0.0138	0.0000	0.00	0.0000	0.0000
General Service Less Than 50 kW	34.78	0.0177	0.0000	0.00	0.0000	0.0000
General Service 50 to 4,999 kW	192.00	0.0000	3.5875	0.00	0.0000	0.0000
Unmetered Scattered Load	24.71	0.0332	0.0000	0.00	0.0000	0.0000
Sentinel Lighting	7.84	0.0000	13.6395	0.00	0.0000	0.0000
Street Lighting	4.38	0.0000	20.3873	0.00	0.0000	0.0000



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 kW C	Current Base Service Charge D	Volumetric	Current Base Distribution Volumetric Rate kW F	Service Charge Revenue *12	Distribution Volumetric Rate Revenue kWh H = B * E	Distribution Volumetric Rate Revenue kW I = C * F	Revenue Requireme nt from Rates I
Residential	1,133	14,448,113	0	23.77	0.0138	0.0000	323,17	7 199,384	0	522,561
General Service Less Than 50 kW	161	5,209,322	0	34.78	0.0177	0.0000	67,19	5 92,205	0	159,400
General Service 50 to 4,999 kW	14	7,592,321	19,360	192.00	0.0000	3.5875	32,25	6 0	69,454	101,710
Unmetered Scattered Load	6	7,209	0	24.71	0.0332	0.0000	1,77	9 239	0	2,018
Sentinel Lighting	23	25,718	65	7.84	0.0000	13.6395	2,16	4 0	887	3,050
Street Lighting	341	292,061	773	4.38	0.0000	20.3873	17,92	3 0	15,759	33,682
							444,49	4 291,828	86,100	822,422



The purpose of this sheet is to enter the Revenue Cost Ratios as determined from column G on Sheet "10. Proposed R C Ratio Adj" of the applicant's 2014 Revenue to Cost Ratio Adjustment Workform (V2.0) or latest 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).

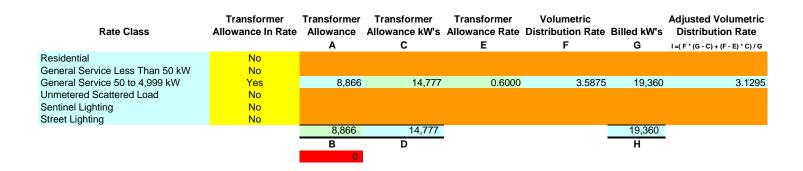
Rate Class	Direction	Current Year	Transitio n Year 1		Transitio n Year 3	Transitio n Year 4	
		2014	2015	2016	2017	2018	2019
Residential	No Change	97.47%	97.47%	97.47%	97.47%	97.47%	97.47%
General Service Less Than 50 kW	No Change	104.28%	104.28%	104.28%	104.28%	104.28%	104.28%
General Service 50 to 4,999 kW	Change	120.37%	120.00%	120.00%	120.00%	120.00%	120.00%
Unmetered Scattered Load	No Change	118.80%	118.80%	118.80%	118.80%	118.80%	118.80%
Sentinel Lighting	Change	74.77%	81.53%	81.53%	81.53%	81.53%	81.53%
Street Lighting	No Change	81.52%	81.52%	81.52%	81.52%	81.52%	81.52%

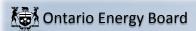
The purpose of this sheet is to allocate the Revenue Offsets (miscellaneous revenue, cell F47) found in the last COS to the various rate classes in proportion to the allocation from the Cost Allocation informational filing.

Rate Class	Informational Filing Revenue Offsets A	Percentage Split C= A / B	Allocated Revenue Offsets E = D * C
Residential	0	0.00%	-
General Service Less Than 50 kW	0	0.00%	-
General Service 50 to 4,999 kW	(3,610)	0.00%	-
Unmetered Scattered Load	0	0.00%	-
Sentinel Lighting	1,179	0.00%	-
Street Lighting	2,431	0.00%	-
	-	0.00%	
	B		D



The purpose of this sheet is to remove the transformer allowance from volumetric rates. In Cell E47, enter your Transformer Allowance as per your 2014 Revenue to Cost Ratio Adjustment Workform (V2.0) 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 transfromer rate for each rate class.



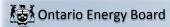


The purpose of this sheet is to calculate revenue by rate class that inlcudes Revenue Offsets and excludes Transformer Allowance prior to Revenue Cost Ratio Adjustment re-allocation.

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
Residential	1,133	14,448,113	0	0	23.77	0.0138	0.0000
General Service Less Than 50 kW	161	5,209,322	0	0	34.78	0.0177	0.0000
General Service 50 to 4,999 kW	14	7,592,321	19,360	0	192.00	0.0000	3.1295
Unmetered Scattered Load	6	7,209	0	0	24.71	0.0332	0.0000
Sentinel Lighting	23	25,718	65	0	7.84	0.0000	13.6395
Street Lighting	341	292,061	773	0	4.38	0.0000	20.3873

Service Charge *12		Distribution Volumetric Rate kW I = C * F	Revenue Requirement from Rates J = G + H + I
323,177	199,384	0	522,561
67,195	92,205	0	159,400
32,256	0	60,588	92,844
1,779	239	0	2,018
2,164	0	887	3,050
17,923	0	15,759	33,682
444 494	291 828	77 234	813 556





Proposed Revenue Cost Ratio Adjustment

						Proposed					
			Current Revenue			Revenue Cost	Fina	al Adjusted			
Rate Class	Adju	sted Revenue	Cost Ratio	Re-A	Allocated Cost	Ratio	F	Revenue	Dolla	ar Change	Percentage Change
		Α	В		C = A / B	D	E	E = C * D	F	= E - C	G = (E / C) - 1
Residential	\$	522,561	0.97	\$	536,125	0.97	\$	522,561	-\$	0	0.0%
General Service Less Than 50 kW	\$	159,400	1.04	\$	152,858	1.04	\$	159,400	-\$	0	0.0%
General Service 50 to 4,999 kW	\$	92,844	1.20	\$	77,132	1.20	\$	92,558	-\$	285	-0.3%
Unmetered Scattered Load	\$	2,018	1.19	\$	1,699	1.19	\$	2,018	-\$	0	0.0%
Sentinel Lighting	\$	3,050	0.75	\$	4,080	0.82	\$	3,326	\$	276	9.0%
Street Lighting	\$	33,682	0.82	\$	41,318	0.82	\$	33,682	-\$	0	0.0%
	\$	813,556		\$	813,211		\$	813,546	-\$	10	0.0%

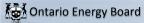
Out of Balance 10

Final? No



Proposed Revenue from Revenue Cost Ratio Adjustment

Rate Class	Re	Adjusted evenue By venue Cost Ratio A	located Re- sed Revenue Offsets B	Re- fro Tra	quirement om Rates Before ansformer Ilowance C = A - B	Trar	e-based nsformer owance D	Red fro	Revenue quirement om Rates = C + D
Residential	\$	522,561	\$ -	\$	522,561	\$	-	\$	522,561
General Service Less Than 50 kW	\$	159,400	\$ -	\$	159,400	\$	-	\$	159,400
General Service 50 to 4,999 kW	\$	92,558	\$ -	\$	92,558	\$	8,866	\$	101,425
Unmetered Scattered Load	\$	2,018	\$ -	\$	2,018	\$	-	\$	2,018
Sentinel Lighting	\$	3,326	\$ -	\$	3,326	\$	-	\$	3,326
Street Lighting	\$	33,682	\$ -	\$	33,682	\$	-	\$	33,682
	\$	813,546	\$ -	\$	813,546	\$	8,866	\$	822,412



Revenue to Cost Ratio Adjustment Model for 2015 IRM Filers

Proposed fixed and variable revenue allocation

Rate Class	Req	Revenue juirement from Rates A	Service Charge % Revenue B	Distribution Volumetric Rate % Revenue kWh C	Distribution Volumetric Rate % Revenue kW D	vice Charge Revenue E = A * B	Dist	tribution Volumetric Rate Revenue kWh F = A * C	Dis	tribution Volumetric Rate Revenue kW G = A * D
Residential	\$	522,561	61.8%	38.2%	0.0%	\$ 323,177	\$	199,384	\$	-
General Service Less Than 50 kW	\$	159,400	42.2%	57.8%	0.0%	\$ 67,195	\$	92,205	\$	-
General Service 50 to 4,999 kW	\$	101,425	31.7%	0.0%	68.3%	\$ 32,165	\$	-	\$	69,259
Unmetered Scattered Load	\$	2,018	88.1%	11.9%	0.0%	\$ 1,779	\$	239	\$	-
Sentinel Lighting	\$	3,326	70.9%	0.0%	29.1%	\$ 2,359	\$	-	\$	967
Street Lighting	\$	33,682	53.2%	0.0%	46.8%	\$ 17,923	\$	-	\$	15,759
	\$	822,412				\$ 444,599	\$	291,828	\$	85,985

Revenue

Requirement from

Rates by Rate Class

H = E + F + G522,561 159,400

101,425 2,018

3,326

822,412

15,759 85,985 \$



Revenue to Cost Ratio Adjustment Model for 2015 IRM Filers

Proposed fixed and variable rates

Rate Class	rice Charge Revenue	ribution Volumetric Rate Revenue kWh	Dis	tribution Volumetric Rate Revenue kW	Re-based Billed Customers or Connections	Re-based Billed kWh	Re-based Billed kW		osed Base ce Charge	Proposed Base Distribution Volumetric Rate kWh	Proposed Base Distribution Volumetric Rate kW
	Α	В		С	D	E	F	G =	A/D/12	H = B / E	I = C / F
Residential	\$ 323,177	\$ 199,384	\$	-	1,133	14,448,113	0		23.77	0.0138	-
General Service Less Than 50 kW	\$ 67,195	\$ 92,205	\$	-	161	5,209,322	0		34.78	0.0177	-
General Service 50 to 4,999 kW	\$ 32,165	\$ -	\$	69,259	14	7,592,321	19,360		191.46	-	3.5774
Unmetered Scattered Load	\$ 1,779	\$ 239	\$	-	6	7,209	0		24.71	0.0332	-
Sentinel Lighting	\$ 2,359	\$ -	\$	967	23	25,718	65		8.55	-	14.8727
Street Lighting	\$ 17,923	\$ -	\$	15,759	341	292,061	773		4.38		20.3873



Revenue to Cost Ratio Adjustment Model for 2015 IRM Filers

Proposed adjustments to Base Service Charge and Distribution Volumetric Rate. Enter the adjustments found in column M and N below into Sheet 24 of the 2015 IRM Rate Generator Model.

Rate Class	Proposed Base Service Charge		Rate kWh		D V	Distribution Volumetric Rate kW		Current Base Service Charge		Current Base Distribution Volumetric Rate kWh		Current Base Distribution Volumetric Rate kW		•		Volumetric Rate kWh		Distribution Volumetric Rate kW	
		Α		В		С		D		E		F		G = A - D		H = B - E		I = C - F	
Residential	\$	23.77	\$	0.0138	\$	-		\$ 23.77	\$	0.0138	\$	-	\$	-	\$	-	\$	-	
General Service Less Than 50 kW	\$	34.78	\$	0.0177	\$	-		\$ 34.78	\$	0.0177	\$	-	\$	-	\$	-	\$	-	
General Service 50 to 4,999 kW	\$	191.46	\$	-	\$	3.5774		\$ 192.00	\$	-	\$	3.5875	-\$	0.54	\$	-	-\$	0.0101	
Unmetered Scattered Load	\$	24.71	\$	0.0332	\$	-		\$ 24.71	\$	0.0332	\$	-	\$	-	\$	-	\$	-	
Sentinel Lighting	\$	8.55	\$	-	\$	14.8727		\$ 7.84	\$	-	\$	13.6395	\$	0.71	\$	-	\$	1.2332	
Street Lighting	\$	4.38	\$	-	\$	20.3873		\$ 4.38	\$	-	\$	20.3873	\$	-	\$	-	\$	-	