

File Number: IRM3

Effective Date: May 1, 2011

Version: 1.0

LDC Information

Applicant Name

Chatham-Kent Hydro Inc.

OEB Application Number

IRM3

LDC Licence Number

ED-2002-0563

Applied for Effective Date

May 1, 2011

Last COS Re-based Year

2010

Last COS OEB Application Number

EB-2009-0261



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Rate Class 25

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Rate Class Selection, Re-Based Billing Determinants & Current Tariff Rates

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, 2010 (or subsequent) Tariff of rates and charges.

	Last COS Re-based Year			2010					
	Last COS OEB Application Number			EB-2009-0261					
Rate Group	Rate Class	Fixed Metric	Vol Metric	Re-based Billed Customers or Connections A		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	28,644	207,045,763		18.03	0.0084	
GSLT50	General Service Less Than 50 kW	Customer	kWh	3,038	90,210,202		33.10	0.0112	
GSGT50	General Service 50 to 999 kW	Customer	kW	421	189,939,582	494,092	94.43		2.6761
GSGT50	General Service Intermediate 1,000 To 4,999 kV	Customer	kW	28	139,888,648	382,377	123.54		5.8603
GSGT50	Intermediate With Self Generation	Customer	kW	1	32,205,189	87,305	1,100.17		2.7757
USL	Unmetered Scattered Load	Connection	kWh	194	1,081,178		7.60	0.0006	
Sen	Sentinel Lighting	Connection	kW	327	347,118	1,079	6.18		0.4390
SL	Street Lighting	Connection	kW	10,751	5,757,195	18,365	1.40		1.0460
SB	Stand-By	Connection	kW			22,920			1.3500
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						



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Removal of Rate Adders

The purpose of this sheet is to remove from current tariff rates any rate adders included in rates. Most applicants will not require input on this sheet

Last COS Re-based Year 2010

Last COS OEB Application Number EB-2009-0261

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	Base Service Charge H = A - D		Base Distribution Volumetric Rate kW J = C - F
Residential	18.03	0.0084	0.0000	0.17	0.0000	0.0000	17.86	0.0084	0.0000
General Service Less Than 50 kW	33.10	0.0112	0.0000	0.17	0.0000	0.0000	32.93	0.0112	0.0000
General Service 50 to 999 kW	94.43	0.0000	2.6761	0.17	0.0000	0.0000	94.26	0.0000	2.6761
General Service Intermediate 1,000 To 4,999 kW	123.54	0.0000	5.8603	0.17	0.0000	0.0000	123.37	0.0000	5.8603
Intermediate With Self Generation	1,100.17	0.0000	2.7757	0.17	0.0000	0.0000	1,100.00	0.0000	2.7757
Unmetered Scattered Load	7.60	0.0006	0.0000	0.00	0.0000	0.0000	7.60	0.0006	0.0000
Sentinel Lighting	6.18	0.0000	0.4390	0.00	0.0000	0.0000	6.18	0.0000	0.4390
Street Lighting	1.40	0.0000	1.0460	0.00	0.0000	0.0000	1.40	0.0000	1.0460
Stand-By	0.00	0.0000	1.3500	0.00	0.0000	0.0000	0.00	0.0000	1.3500



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Calculated Current Revenue From Rates

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

Last COS Re-based Year

2010

Last COS OEB Application Number

EB-2009-0261

Rate Class	Re-based Billed Customers or Connectio ns A	Re-based	Re-based Billed kW C	Base Service	n	Current Base Distributio n Volumetric Rate kW F	Service Charge Revenue *12	n	Distributio n Volumetric Rate Revenue kW I = C * F		Service Charge % Revenue K = G / J	n Volumetric Rate %	Distribution Volumetric Rate % Revenue kW M = I / J	
Residential	28,644	207,045,763	0	17.86	0.0084	0.0000	6,138,803	1,740,270	0	7,879,073	77.9%	22.1%	0.0%	53.6%
General Service Less Than 50 kW	3,038	90,210,202	0	32.93	0.0112	0.0000	1,200,338	1,009,228	0	2,209,566	54.3%	45.7%	0.0%	15.0%
General Service 50 to 999 kW	421	189,939,582	494,092	94.26	0.0000	2.6761	475,795	0	1,322,250	1,798,046	26.5%	0.0%	73.5%	12.2%
General Service Intermediate 1,000 To 4,	,! 28	139,888,648	382,377	123.37	0.0000	5.8603	40,844	0	2,240,852	2,281,696	1.8%	0.0%	98.2%	15.5%
Intermediate With Self Generation	1	32,205,189	87,305	1,100.00	0.0000	2.7757	13,200	0	242,330	255,530	5.2%	0.0%	94.8%	1.7%
Unmetered Scattered Load	194	1,081,178	0	7.60	0.0006	0.0000	17,723	690	0	18,413	96.3%	3.7%	0.0%	0.1%
Sentinel Lighting	327	347,118	1,079	6.18	0.0000	0.4390	24,220	0	474	24,693	98.1%	0.0%	1.9%	0.2%
Street Lighting	10,751	5,757,195	18,365	1.40	0.0000	1.0460	180,622	0	19,210	199,832	90.4%	0.0%	9.6%	1.4%
Stand-By	0	0	22,920	0.00	0.0000	1.3500	0	0	30,942	30,942	0.0%	0.0%	100.0%	0.2%
							8,091,546	2,750,187	3,856,057	14,697,791				100.0%



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Decision - Cost Revenue Adjustments by Rate Class

The purpose of this sheet is to input the Revenue Cost Ratios as determined from column G on Sheet "C1.5 Proposed R C Ratio Adj" of the applicants 2010 IRM3 Supplemental Filing Module or 2010 COS Decision and Order.

Under Direction the applicant can choose "No Change" - no change in that rate class ratio, "Change" - Board ordered change from COS decision, or Rebalance to apply offset adjustments to Decision prescribed rate classes.

		Current	Transitio	Transitio	Transitio	Transitio	Transitio
Rate Class	Direction	Year	n Year 1	n Year 2	n Year 3	n Year 4	n Year 5
		2010	2011	2012	2013	2014	2015
Residential	Change	94.70%	94.70%	94.70%	0.00%	0.00%	0.00%
General Service Less Than 50 kW	Change	106.62%	106.62%	106.62%	0.00%	0.00%	0.00%
General Service 50 to 999 kW	Change	73.08%	81.66%	90.23%	0.00%	0.00%	0.00%
General Service Intermediate 1,000 To	Change	241.51%	210.75%	180.00%	0.00%	0.00%	0.00%
Intermediate With Self Generation	Change	73.11%	81.67%	90.23%	0.00%	0.00%	0.00%
Unmetered Scattered Load	Change	66.20%	78.21%	90.23%	0.00%	0.00%	0.00%
Sentinel Lighting	Change	59.89%	69.42%	78.95%	0.00%	0.00%	0.00%
Street Lighting	Change	68.10%	73.52%	78.95%	0.00%	0.00%	0.00%
Stand-By	Change	73.11%	81.67%	90.23%	0.00%	0.00%	0.00%



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Revenue Offsets Allocation

The purpose of this sheet is to allocate the Revenue Offsets (miscellaneous revenue) 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	869,140	66.73%	869,140
General Service Less Than 50 kW	216,236	16.60%	216,236
General Service 50 to 999 kW	156,517	12.02%	156,517
General Service Intermediate 1,000			
To 4,999 kW	35,685	2.74%	35,685
Intermediate With Self Generation	11,199	0.86%	11,199
Unmetered Scattered Load	1,050	0.08%	1,050
Sentinel Lighting	1,571	0.12%	1,571
Street Lighting	11,052	0.85%	11,052
Stand-By	0	0.00%	-
	1,302,450	100.00%	1,302,450
	В		D

Enter revenue offsets as found in Cell F47 on sheet *C1.2 Revenue Offsets Allocation* of the 2010 IRM3 Supplemental Filing Module or from 2010 COS RRWF



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Transformer Allowance

The purpose of this sheet is to remove the transformer allowance from volumetric rates. Under 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 input the number of kW's and the transfromer 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	Adjusted Volumetric Distribution Rate
Residential	No						
General Service Less Than 50 kW	No						
General Service 50 to 999 kW	Yes	142,298	237,164	0.6000	2.6761	494,092	2.3881
General Service Intermediate 1,000							
To 4,999 kW	Yes	229,426	382,377	0.6000	5.8603	382,377	5.2603
Intermediate With Self Generation	Yes	52,383	87,305	0.6000	2.7757	87,305	2.1757
Unmetered Scattered Load	No						
Sentinel Lighting	No						
Street Lighting	No						
Stand-By	No						
		424,108	706,846			963,774	
	•	В	D			Н	
		- 0					

Enter Transformer Allowance as found in Cell E47 on sheet *C1.3 Transformer Allowance* of the 2010 IRM3 Supplemental Filing Module or from 2010 COS RRWF



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Revenue / Cost Ratio Revenue

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 reallocation.

Rate Class	Billed Customers or Connectio ns	Billed kWh	Billed kW		Base Service Charge	Base Distributio n Volumetric Rate kWh	n
	Α	В	С		D	E	F
Residential	28,644	207,045,763	0	0	17.86	0.0084	0.0000
General Service Less Than 50 kW	3,038	90,210,202	0	0	32.93	0.0112	0.0000
General Service 50 to 999 kW	421	189,939,582	494,092	0	94.26	0.0000	2.3881
General Service Intermediate 1,000							
To 4,999 kW	28	139,888,648	382,377	0	123.37	0.0000	5.2603
Intermediate With Self Generation	1	32,205,189	87,305	0	1,100.00	0.0000	2.1757
Unmetered Scattered Load	194	1,081,178	0	0	7.60	0.0006	0.0000
Sentinel Lighting	327	347,118	1,079	0	6.18	0.0000	0.4390
Street Lighting	10,751	5,757,195	18,365	0	1.40	0.0000	1.0460
Stand-By	0	0	22,920	0	0.00	0.0000	1.3500

Service Charge *12	Distribution Volumetric Rate kWh H = B * E	Distribution Volumetric Rate kW I = C * F	Revenue Requirement from Rates J = G + H + I	Allocated Revenue Offset K	Adjusted Revenue L = J + K
6,138,803	1,740,270	0	7,879,073	869,140	8,748,213
1,200,338	1,009,228	0	2,209,566	216,236	2,425,802
475,795	0	1,179,952	1,655,747	156,517	1,812,264
40,844	0	2,011,426	2,052,270	35,685	2,087,955
13,200	0	189,947	203,147	11,199	214,346
17,723	690	0	18,413	1,050	19,463
24,220	0	474	24,693	1,571	26,264
180,622	0	19,210	199,832	11,052	210,884
0	0	30,942	30,942	0	30,942
8,091,546	2,750,187	3,431,950	14,273,683	1,302,450	15,576,133



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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	nal Adjusted Revenue E = C * D	D	ollar Change F = E - C	Percentage Change G = (E / C) - 1
Residential	\$ 8,748,213	0.95	\$ 9,238,066	0.95	\$ 8,748,213	-\$	0	0.0%
General Service Less Than 50 kW	\$ 2,425,802	1.07	\$ 2,275,268	1.07	\$ 2,425,802	\$	0	0.0%
General Service 50 to 999 kW	\$ 1,812,264	0.73	\$ 2,479,797	0.82	\$ 2,024,904	\$	212,639	11.7%
General Service Intermediate 1,000 To	\$ 2,087,955	2.42	\$ 864,542	2.11	\$ 1,822,065	-\$	265,890	-12.7%
Intermediate With Self Generation	\$ 214,346	0.73	\$ 293,202	0.82	\$ 239,452	\$	25,107	11.7%
Unmetered Scattered Load	\$ 19,463	0.66	\$ 29,402	0.78	\$ 22,997	\$	3,534	18.2%
Sentinel Lighting	\$ 26,264	0.60	\$ 43,851	0.69	\$ 30,443	\$	4,178	15.9%
Street Lighting	\$ 210,884	0.68	\$ 309,679	0.74	\$ 227,691	\$	16,807	8.0%
Stand-By	\$ 30,942	0.73	\$ 42,325	0.82	\$ 34,566	\$	3,624	11.7%
	\$15,576,133		\$15,576,133		\$ 15,576,133	-\$	0	0.0%

Out of Balance 0 Final ? No



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Proposed Revenue from Revenue / Cost Ratio Adjustment

		Adjusted Revenue By evenue Cost	 llocated Re- sed Revenue	Re fi	Revenue equirement om Rates Before cansformer	Re-based Transformer	Revenue Requirement
Rate Class		Ratio	Offsets	A	Allowance	Allowance	from Rates
		Α	В		C = A - B	D	E = C + D
Residential	\$	8,748,213	\$ 869,140	\$	7,879,073	\$ -	\$ 7,879,073
General Service Less Than 50 kW	\$	2,425,802	\$ 216,236	\$	2,209,566	\$ -	\$ 2,209,566
General Service 50 to 999 kW	\$	2,024,904	\$ 156,517	\$	1,868,387	\$ 142,298	\$ 2,010,685
General Service Intermediate 1,000 To	: \$	1,822,065	\$ 35,685	\$	1,786,380	\$ 229,426	\$ 2,015,807
Intermediate With Self Generation	\$	239,452	\$ 11,199	\$	228,253	\$ 52,383	\$ 280,636
Unmetered Scattered Load	\$	22,997	\$ 1,050	\$	21,947	\$ -	\$ 21,947
Sentinel Lighting	\$	30,443	\$ 1,571	\$	28,872	\$ -	\$ 28,872
Street Lighting	\$	227,691	\$ 11,052	\$	216,639	\$ -	\$ 216,639
Stand-By	\$	34,566	\$ -	\$	34,566	\$ -	\$ 34,566
	\$	15,576,133	\$ 1,302,450	\$	14,273,683	\$ 424,108	\$14,697,790



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Proposed Fixed Variable Revenue Allocation

Rate Class	Revenue Requirement from Rates A	Service Charge % Revenue B		Distribution Volumetric Rate Revenue kW D	Se	vice Charge Revenue E = A * B	Vo	Distribution Jumetric Rate Revenue kWh F = A * C	Vol	Distribution umetric Rate Revenue kW G = A * D	Re fro R	Revenue equirement m Rates by ate Class = E + F + G
Residential	\$ 7,879,073	77.9%	22.1%	0.0%	\$	6,138,803	\$	1,740,270	\$	-	\$	7,879,073
General Service Less Than 50 kW	\$ 2,209,566	54.3%	45.7%	0.0%	\$	1,200,338	\$	1,009,228	\$	-	\$	2,209,566
General Service 50 to 999 kW	\$ 2,010,685	26.5%	0.0%	73.5%	\$	532,064	\$	-	\$	1,478,621	\$	2,010,685
General Service Intermediate 1,000	Γι \$ 2,015,807	1.8%	0.0%	98.2%	\$	36,084	\$	-	\$	1,979,722	\$	2,015,807
Intermediate With Self Generation	\$ 280,636	5.2%	0.0%	94.8%	\$	14,497	\$	-	\$	266,139	\$	280,636
Unmetered Scattered Load	\$ 21,947	96.3%	3.7%	0.0%	\$	21,124	\$	822	\$	-	\$	21,947
Sentinel Lighting	\$ 28,872	98.1%	0.0%	1.9%	\$	28,318	\$	-	\$	554	\$	28,872
Street Lighting	\$ 216,639	90.4%	0.0%	9.6%	\$	195,813	\$	-	\$	20,825	\$	216,639
Stand-By	\$ 34,566	0.0%	0.0%	100.0%	\$	-	\$	-	\$	34,566	\$	34,566
	\$14,697,790				\$	8,167,042	\$	2,750,320	\$	3,780,428	\$	14,697,790



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Proposed Fixed and Variable Rates

Rate Class		Service Charge Revenue A	٧	istribution /olumetric te Revenue kWh B	٧	istribution /olumetric te Revenue kW C	Re-based Billed Customers or Connections D	Re-based Billed kWh E	Re-based Billed kW F	Proposed Base Service Charge G = A / D / 12	Distribution Volumetric Rate kWh	Proposed Base Distribution Volumetric Rate kW I = C / F
Residential		\$6,138,803	\$	1,740,270	\$	-	28,644	207,045,763	0	17.86	0.0084	=
General Service Less Than 50 kW		\$1,200,338	\$	1,009,228	\$	-	3,038	90,210,202	0	32.93	0.0112	=
General Service 50 to 999 kW		\$ 532,064	\$	-	\$	1,478,621	421	189,939,582	494,092	105.41	=	2.9926
General Service Intermediate 1,000 To	4,!	\$ 36,084	\$	-	\$	1,979,722	28	139,888,648	382,377	108.99	-	5.1774
Intermediate With Self Generation		\$ 14,497	\$	-	\$	266,139	1	32,205,189	87,305	1,208.08	-	3.0484
Unmetered Scattered Load		\$ 21,124	\$	822	\$	-	194	1,081,178	0	9.06	0.0008	-
Sentinel Lighting		\$ 28,318	\$	-	\$	554	327	347,118	1,079	7.23	-	0.5133
Street Lighting		\$ 195,813	\$	-	\$	20,825	10,751	5,757,195	18,365	1.52	-	1.1340
Stand-By		\$ -	\$	_	\$	34.566	0	0	22.920	_	-	1.5081



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Adjustment required to Proposed Rates

Rate Class		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		,	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	
Residential		\$ 17.86	; ;	\$ 0.0084	\$	-		\$	17.86	\$	0.0084	\$	-	-	\$	0.00	-\$	0.0000	\$	-
General Service Less Than 50 kW		\$ 32.93	;	\$ 0.0112	\$	-		\$	32.93	\$	0.0112	\$	-		\$	0.00	\$	0.0000	\$	-
General Service 50 to 999 kW		\$ 105.41	:	\$ -	\$	2.9926		\$	94.26	\$	-	\$	2.6761		\$	11.15	\$	-	\$	0.3165
General Service Intermediate 1,000 To	4,٤	\$ 108.99) :	\$ -	\$	5.1774		\$	123.37	\$	-	\$	5.8603	-	\$	14.38	\$	-	-\$	0.6829
Intermediate With Self Generation		\$1,208.08	;	\$ -	\$	3.0484		\$1	,100.00	\$	-	\$	2.7757		\$	108.08	\$	-	\$	0.2727
Unmetered Scattered Load		\$ 9.06	; ;	\$ 0.0008	\$	-		\$	7.60	\$	0.0006	\$	-		\$	1.46	\$	0.0001	\$	-
Sentinel Lighting		\$ 7.23	;	\$ -	\$	0.5133		\$	6.18	\$	-	\$	0.4390		\$	1.05	\$	-	\$	0.0743
Street Lighting		\$ 1.52	: :	\$ -	\$	1.1340		\$	1.40	\$	-	\$	1.0460		\$	0.12	\$	-	\$	0.0880
Stand-By		\$ -		\$ -	\$	1.5081		\$	-	\$	-	\$	1.3500		\$	-	\$	-	\$	0.1581

Enter the above values onto Sheet "D1.X Revenue Cost Ratio Adj" of the 2011 OEB IRM3 Rate Generator.