



Serving the Community of Renfrew

29 Bridge Street, Renfrew, Ontario K7V 3R3

Tel: (613) 432-4884 Fax: (613) 432-7463

www.renfrewhydro.com

Renfrew Hydro Inc.
29 Bridge Avenue W.
Renfrew, ON
K7V 3R3

September 28, 2012

Ms. Kirstin Walli Board
Secretary Ontario Energy
Board P.O. Box 2319
2300 Yonge Street, 27th Floor
Toronto, ON M4P 1E4

Re: 2013 IRM Application EB-2012-0163

Dear Ms. Walli:

Please find enclosed the application and evidence (the "Application") submitted by Renfrew Hydro Inc. ("Renfrew Hydro") for new rates under Third Generation Incentive Regulation Mechanism, effective May 1, 2013.

This document is being filed pursuant to the Board's e-Filing Services. Yours

Truly,

Tom Freemark
President

Legal Application

ONTARIO ENERGY BOARD

IN THE MATTER OF the *Ontario Energy Board Act*,
1998, S.O.1998, c.15 (Sched. B), as amended;

AND IN THE MATTER OF an application by
Renfrew Hydro Inc. for an Order or
Orders pursuant to the *Ontario Energy Board Act*,
1998, for 2013 electricity distribution rates and related matters.

1. Renfrew Hydro Inc. (“Renfrew Hydro” or “the Applicant”) distributes electricity to most inhabitants of the Town of Renfrew, pursuant to a distribution license (ED-2002-0577) issued by the Ontario Energy Board (the “Board”) and charges Board-authorized rates (EB-2011-0195) for the distribution service it provides.
2. Pursuant to section 78 of the Ontario Energy Board Act, 1998, Renfrew Hydro seeks an Order or Orders of the Board establishing distribution rates and specific service charges effective May 1, 2013.
3. This application (the “Application”) is prepared in accordance with, among other Board guidelines and directions, the Update to Chapter 2 of the Board’s Filing Requirements for Transmission and Distribution Applications, dated June 28, 2012; and is supported by written evidence that may be amended from time to time, prior to the Board’s final decision on this Application.
4. Renfrew Hydro has used the applicable Board-issued Excel models, such models having been subject to subsequent corrections and updates. The applicable models are:
 - i. 2013 IRM3 Rate Generator;
 - ii. 2013 Revenue-to-Cost Ratio Workform
 - iii. 2013 IRM3 Tax Sharing Workform; and
 - iv. 2013 RTSR Adjustment Workform.

RENFREW HYDRO INC.
EB – 2012 -0163

5. Renfrew Hydro applies for Board approval for the following matters:
- 2013 distribution rates based on 2012 rates adjusted for a price cap adjustment;
 - A revenue-to-cost ratio adjustment as required by OEB decision and Order (EB-2009-0146)
 - transfer of immaterial refund amount of shared tax savings to deferral account 1595
 - adjusted Retail Transmission Service Rates;
6. Renfrew Hydro has determined that for this application the following bill impacts for purposes of the Boards directed notice.

CUSTOMER CLASS	EXISTING	PROPOSED	CHANGE	CHANGE %
RESIDENTIAL -800 kwh	\$109.96	\$112.74	\$2.79	2.53%
GENERAL SERVICE<50	\$265.89	\$275.47	\$9.58	3.6%

SUMMARY

RETAIL TRANSMISSION RATES – RTSR ADJUSTMENT

Rate Class	Unit	Existing RTSR Network	Proposed RTSR Network	Existing RTSR Connection	Proposed RTSR Connection
Residential	kWh	\$.0051	\$.0049	\$.0029	\$.0028
GS< 50 kW	kWh	\$.0047	\$.0045	\$.0027	\$.0026
GS 50 to 4,999 kW	kW	\$1.9073	\$1.8264	\$1.045	\$1.0120
USL	kWh	\$.0047	\$.0045	\$.0027	\$.0026
Street Lighting	kW	\$1.4384	\$1.3774	\$.8043	\$.7823

SHARED TAX SAVINGS

Renfrew requests that the Board authorizes the amount of \$2387 to be recorded in Account 1595 for disposition in a future application given that the amount is not significant.

Rate Class	\$ Tax Change	Rate Rider
Residential	-\$1298	\$0.0000
GS< 50 kW	-\$422	\$0.0000
GS 50 to 4,999 kW	-\$583	-\$.0041
USL	-\$19	-\$.0001
Street Lighting	-465	-\$.0209
Total	-\$2387	

REVENUE –TO- COST RATIO ADJUSTMENTS

Pursuant to the Board’s decision in Renfrew’s 2010 cost of service application (EB-2009-0146) Renfrew proposes to make the final adjustment to these ratios as follows:

Rate Class	Current 2012 ratio	Proposed 2013 ratio	Target Range	Dollar Change
Residential	1.11	1.08	85-115	-\$24,687
GS less than 50kw	1.00	1.00	80-120	-
GS 50 to 4,999 kW	.87	.90	80-180	\$14,742
USL	.75	.80	80-120	\$1041
Street Light	.60	.70	70-120	\$8904

2013 IRM Rate Model Adjustments

- Rate rider credit for Deferral/Variance Account Disposition (2010) ends April 30, 2013
- Rate rider credit for Deferral/Variance Account Disposition (2012) continues until April 30, 2014
- The variance account balances ending Dec 31, 2011 do not pass the Threshold Test and there is no Deferral/Variance Account disposition included in the 2013 IRM
- The tax sharing amount of \$2387 is not included in the rate adjustment
- The revenue- to- cost adjustments are included in the rate adjustment
- The transmission rate adjustments are included in the 2013 IRM.

NOTE: The elimination of the Deferral/Variance Account Disposition (2010) credit impacts rates significantly.

CUSTOMER CLASS	EXISTING	PROPOSED	CHANGE	CHANGE %	Change due to 2010 rate rider ending
RESIDENTIAL -800 kwh	\$109.96	\$112.74	\$2.79	2.53%	\$3.36
GENERAL SERVICE<50	\$265.89	\$275.47	\$9.58	3.6%	\$9.60

RENfrew HYDRO
Residential
500kwh

500 kWh
600 kWh
1.0810

Consumption
RPP Tier One
Load Factor
Loss Factor

CURRENT ESTIMATED BILL		PROPOSED ESTIMATED BILL		PROPOSED ESTIMATED BILL		PROPOSED ESTIMATED BILL			
Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
540.50	0.0750	40.54	540.50	0.0750	40.54	0.00	0.00%	55.78%	
0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
345.92	0.0650	22.48	345.92	0.0650	22.48	0.00	0.00%		29.67%
97.29	0.1000	9.73	97.29	0.1000	9.73	0.00	0.00%		12.84%
97.29	0.1170	11.38	97.29	0.1170	11.38	0.00	0.00%		15.02%
1	13.91	13.91	1	13.71	13.71	(0.20)	(1.44)%	18.86%	18.09%
1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
500	0.0144	7.20	500	0.0142	7.10	(0.10)	(1.39)%	9.77%	9.37%
500	0.0011	0.55	500	0.0011	0.55	0.00	0.00%	0.76%	0.73%
500	(0.0077)	(3.85)	500	(0.0035)	(1.75)	2.10	(54.55)%	-2.41%	-2.31%
Total: Distribution		17.81			19.61	1.80	10.11%	26.98%	25.88%
Retail Transmission Rate - Network Service Rate	0.0051	2.76	540.50	0.0049	2.65	(0.11)	-3.99%	3.65%	3.50%
Retail Transmission Rate - Line and Transformation Connection Service Rate	0.0029	1.57	540.50	0.0028	1.51	(0.06)	-3.82%	2.08%	1.99%
Total: Retail Transmission		4.33			4.16	(0.17)	(3.93)%	5.72%	5.49%
Sub-Total: Delivery (Distribution and Retail Transmission)		22.14			23.77	1.63	7.36%	32.71%	31.36%
Wholesale Market Service Rate	0.0052	2.81	540.50	0.0052	2.81	0.00	0.00%	3.87%	3.71%
Rural Rate Protection Charge	0.0011	0.59	540.50	0.0011	0.59	0.00	0.00%	0.82%	0.78%
Standard Supply Service - Administration Charge (if applicable)	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.34%	0.33%
Sub-Total: Regulatory		3.66			3.66	0.00	0.00%	5.03%	4.82%
Debt Retirement Charge (DRC)	0.00700	3.50	500.00	0.0070	3.50	0.00	0.00%	4.82%	4.62%
Total Bill on RPP (before taxes)		69.63			71.46	1.83	2.33%	98.33%	
HST	13%	9.08		13%	9.29	0.21	2.33%	12.78%	
Total Bill (including HST)		78.91			80.75	1.84	2.33%	111.11%	
Ontario Clean Energy Benefit (OCEB)	(10%)	(7.89)		(10%)	(8.07)	(0.18)	2.33%	-11.11%	
Total Bill on RPP (including OCEB)		71.02			72.67	1.66	2.33%	100.00%	
Total Bill on TOU (before taxes)		72.89			74.52	1.63	2.24%		98.33%
HST	13%	9.48		13%	9.69	0.21	2.24%	12.78%	
Total Bill (including HST)		82.37			84.21	1.84	2.24%		111.11%
Ontario Clean Energy Benefit (OCEB)	(10%)	(8.24)		(10%)	(8.42)	(0.18)	2.24%	-11.11%	
Total Bill on TOU (including OCEB)		74.13			75.79	1.66	2.24%		100.00%

RenFrew Hydro
Residential
800 kwh

800 kWh
600 kWh
1.0810

Consumption
RPP Tier One
Load Factor
Loss Factor

	CURRENT ESTIMATED BILL				PROPOSED ESTIMATED BILL				% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Proposed Rate (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)		
Energy First Tier (kWh)	600.00	0.0750	45.00	0.0750	600.00	0.0750	45.00	0.00	0.00%	40.44%
Energy Second Tier (kWh)	264.80	0.0880	23.30	0.0880	264.80	0.0880	23.30	0.00	0.00%	20.94%
TOU - Off Peak	553.47	0.0650	35.98	0.0650	553.47	0.0650	35.98	0.00	0.00%	
TOU - Mid Peak	155.66	0.1000	15.57	0.1000	155.66	0.1000	15.57	0.00	0.00%	31.91%
TOU - On Peak	155.66	0.1170	18.21	0.1170	155.66	0.1170	18.21	0.00	0.00%	13.81%
Service Charge	1	13.91	13.91	13.71	1	13.71	13.71	(0.20)	(1.44)%	12.32%
Service Charge Rate Rider(s)	1	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate	800	0.0144	11.52	0.0142	800	0.0142	11.36	(0.16)	(1.39)%	10.21%
Low Voltage Volumetric Rate	800	0.0011	0.88	0.0011	800	0.0011	0.88	0.00	0.00%	0.79%
Distribution Volumetric Rate Rider(s)	800	(0.0077)	(6.16)	(0.0035)	800	(0.0035)	(2.80)	3.36	(54.55)%	-2.48%
Total: Distribution			20.15				23.15	3.00	14.89%	20.81%
Retail Transmission Rate - Network Service Rate	864.80	0.0051	4.41	0.0049	864.80	0.0049	4.24	(0.17)	-3.85%	3.81%
Retail Transmission Rate - Line and Transformation Connection Service Rate	864.80	0.0029	2.51	0.0028	864.80	0.0028	2.42	(0.09)	-3.59%	2.17%
Total: Retail Transmission			6.92				6.66	(0.26)	(3.76)%	5.99%
Sub-Total: Delivery (Distribution and Retail Transmission)			27.07				29.81	2.74	10.12%	26.78%
Wholesale Market Service Rate	864.80	0.0052	4.50	0.0052	864.80	0.0052	4.50	0.00	0.00%	4.04%
Rural Rate Protection Charge	864.80	0.0011	0.95	0.0011	864.80	0.0011	0.95	0.00	0.00%	0.85%
Standard Supply Service - Administration Charge, (if applicable)	1	0.25	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.22%
Sub-Total: Regulatory			5.70				5.70	0.00	0.00%	5.12%
Debt Retirement Charge (DRC)	800.00	0.00700	5.60	0.0070	800.00	0.0070	5.60	0.00	0.00%	5.03%
Total Bill on RPP (before taxes)			108.67				109.41	2.74	2.57%	98.33%
HST		13%	13.87	13%		13%	14.22	0.36	2.57%	12.78%
Total Bill (including HST)			120.54				123.63	3.10	2.57%	111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(12.05)	(10%)		(10%)	(12.36)	(0.31)	2.57%	-11.11%
Total Bill on RPP (including OCEB)			108.48				111.27	2.79	2.57%	100.00%
Total Bill on TOU (before taxes)			108.12				110.86	2.74	2.53%	98.33%
HST		13%	14.06	13%		13%	14.41	0.36	2.53%	12.78%
Total Bill (including HST)			122.18				125.27	3.10	2.53%	111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(12.22)	(10%)		(10%)	(12.53)	(0.31)	2.53%	-11.11%
Total Bill on TOU (including OCEB)			109.96				112.74	2.79	2.53%	100.00%

Renfrew Hydro
Residential
1500 kWh

1,500 kWh
600 kWh
1.0810

Consumption
RPP Tier One
Load Factor
Loss Factor

CURRENT ESTIMATED BILL		PROPOSED ESTIMATED BILL		CURRENT ESTIMATED BILL		PROPOSED ESTIMATED BILL		CURRENT ESTIMATED BILL		PROPOSED ESTIMATED BILL	
Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill	% of Total RPP Bill	% of Total TOU Bill
600.00	0.0750	45.00	600.00	0.0750	45.00	0.00	0.00%	22.15%		22.15%	
1,021.50	0.0880	89.89	1,021.50	0.0880	89.89	0.00	0.00%	44.25%		44.25%	
1,037.76	0.0650	67.45	1,037.76	0.0650	67.45	0.00	0.00%		33.90%		33.90%
291.87	0.1000	29.19	291.87	0.1000	29.19	0.00	0.00%		14.67%		14.67%
291.87	0.1170	34.15	291.87	0.1170	34.15	0.00	0.00%		17.16%		17.16%
1	13.91	13.91	1	13.71	13.71	(0.20)	(1.44)%	6.75%	6.89%	6.75%	6.89%
1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1500	0.0144	21.60	1,500	0.0142	21.30	(0.30)	(1.39)%	10.48%	10.70%	10.48%	10.70%
1500	0.0011	1.65	1,500	0.0011	1.65	0.00	0.00%	0.81%	0.83%	0.81%	0.83%
1500	(0.0077)	(11.55)	1,500	(0.0035)	(5.25)	6.30	(54.55)%	-2.58%	-2.64%	-2.58%	-2.64%
		25.61			31.41	5.80	22.65%	15.46%	15.79%	15.46%	15.79%
1,621.50	0.0051	8.27	1,621.50	0.0049	7.95	(0.32)	-3.87%	3.91%	4.00%	3.91%	4.00%
1,621.50	0.0029	4.70	1,621.50	0.0028	4.54	(0.16)	-3.40%	2.23%	2.28%	2.23%	2.28%
		12.97			12.49	(0.48)	(3.70)%	6.15%	6.28%	6.15%	6.28%
		36.58			43.90	5.32	13.79%	21.61%	22.06%	21.61%	22.06%
1,621.50	0.0052	8.43	1,621.50	0.0052	8.43	0.00	0.00%	4.15%	4.24%	4.15%	4.24%
1,621.50	0.0011	1.78	1,621.50	0.0011	1.78	0.00	0.00%	0.88%	0.90%	0.88%	0.90%
1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.12%	0.13%	0.12%	0.13%
		10.47			10.47	0.00	0.00%	5.15%	5.26%	5.15%	5.26%
1,500.00	0.00700	10.50	1,500.00	0.0070	10.50	0.00	0.00%	5.17%	5.28%	5.17%	5.28%
		194.44			199.76	5.32	2.74%	98.33%		98.33%	
	13%	25.28		13%	25.97	0.69	2.74%	12.78%		12.78%	
		219.72			225.73	6.01	2.74%	111.11%		111.11%	
	(10%)	(21.97)		(10%)	(22.57)	(0.60)	2.74%	-11.11%		-11.11%	
		197.75			203.16	5.41	2.74%	100.00%		100.00%	
		190.34			195.66	5.32	2.79%	98.33%		98.33%	
	13%	24.74		13%	25.44	0.69	2.79%	12.78%		12.78%	
		215.08			221.10	6.01	2.79%	111.11%		111.11%	
	(10%)	(21.51)		(10%)	(22.11)	(0.60)	2.79%	-11.11%		-11.11%	
		193.58			199.99	5.41	2.79%	100.00%		100.00%	

Renfrew Hydro

GS 450
2000kwh

2,000 kWh
750 kWh
1.0810

Consumption
RPP Tier One
Load Factor
Loss Factor

	CURRENT ESTIMATED BILL				PROPOSED ESTIMATED BILL				Change (%)	Changes (\$)	% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Changes (\$)					
Energy First Tier (kWh)	750.00	0.0750	56.25	750.00	0.0750	56.25	0.00	0.00%	0.00	19.97%	44.11%	
Energy Second Tier (kWh)	1,412.00	0.0880	124.26	1,412.00	0.0880	124.26	0.00	0.00%	0.00			
TOU - Off Peak	1,383.68	0.0650	89.94	1,383.68	0.0650	89.94	0.00	0.00%	0.00			
TOU - Mid Peak	389.16	0.1000	38.92	389.16	0.1000	38.92	0.00	0.00%	0.00			
TOU - On Peak	389.16	0.1170	45.53	389.16	0.1170	45.53	0.00	0.00%	0.00			
Service Charge	1	30.39	30.39	1	30.66	30.66	0.27	0.89%	0.27	10.88%	11.13%	
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00	0.00%	0.00%	
Distribution Volumetric Rate	2000	0.0134	26.80	2,000	0.0135	27.00	0.20	0.75%	0.20	9.58%	9.80%	
Low Voltage Volumetric Rate	2000	0.0010	2.00	2,000	0.0010	2.00	0.00	0.00%	0.00	0.71%	0.73%	
Distribution Volumetric Rate Rider(s)	2000	(0.0080)	(16.00)	2,000	(0.0032)	(6.40)	9.60	(60.00)%	9.60	(-2.27)%	(-2.32)%	
Total: Distribution			43.19			53.26	10.07	23.32%	10.07	18.91%	19.33%	
Retail Transmission Rate - Network Service Rate	2,162.00	0.0047	10.16	2,162.00	0.0045	9.73	(0.43)	-4.23%	(0.43)	3.45%	3.59%	
Retail Transmission Rate - Line and Transformation Connection Service Rate	2,162.00	0.0027	5.84	2,162.00	0.0026	5.62	(0.22)	-3.77%	(0.22)	2.00%	2.04%	
Total: Retail Transmission			16.00			15.35	(0.65)	(4.06)%	(0.65)	5.45%	5.57%	
Sub-Total: Delivery (Distribution and Retail Transmission)			59.19			68.61	9.42	15.91%	9.42	24.36%	24.91%	
Wholesale Market Service Rate	2,162.00	0.0052	11.24	2,162.00	0.0052	11.24	0.00	0.00%	0.00	3.99%	4.08%	
Rural Rate Protection Charge	2,162.00	0.0011	2.38	2,162.00	0.0011	2.38	0.00	0.00%	0.00	0.84%	0.86%	
Standard Supply Service - Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00	0.09%	0.09%	
Sub-Total: Regulatory			13.87			13.87	0.00	0.00%	0.00	4.92%	5.04%	
Debt Retirement Charge (DRC)	2,000.00	0.00700	14.00	2,000.00	0.0070	14.00	0.00	0.00%	0.00	4.97%	5.08%	
Total Bill on RPP (before taxes)			267.57			276.99	9.42	3.52%	9.42	98.33%		
HST		13%	34.78		13%	36.01	1.22	3.52%	1.22	12.78%		
Total Bill (including HST)			302.35			313.00	10.64	3.52%	10.64	111.11%		
Ontario Clean Energy Benefit (OCEB)		(10%)	(30.24)		(10%)	(31.30)	(1.06)	3.52%	(1.06)	-11.11%		
Total Bill on RPP (including OCEB)			272.12			281.70	9.58	3.52%	9.58	100.00%		
Total Bill on TOU (before taxes)			261.45			270.87	9.42	3.60%	9.42	98.33%		
HST		13%	33.99		13%	35.21	1.22	3.60%	1.22	12.78%		
Total Bill (including HST)			295.44			306.08	10.64	3.60%	10.64	111.11%		
Ontario Clean Energy Benefit (OCEB)		(10%)	(28.54)		(10%)	(30.61)	(1.06)	3.60%	(1.06)	-11.11%		
Total Bill on TOU (including OCEB)			266.89			275.47	9.58	3.60%	9.58	100.00%		

Renfrew Hydro
GS 450
10,000 kWh

Consumption 10,000 kWh
RPP Tier One 750 kWh
Load Factor 1.0810
Loss Factor

	CURRENT ESTIMATED BILL			PROPOSED ESTIMATED BILL			Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)				
Energy First Tier (kWh)	750.00	0.0750	56.25	750.00	0.0750	56.25	0.00	0.00%	4.25%	
Energy Second Tier (kWh)	10,060.00	0.0880	885.28	10,060.00	0.0880	885.28	0.00	0.00%	66.95%	
TOU - Off Peak	6,918.40	0.0650	449.70	6,918.40	0.0650	449.70	0.00	0.00%		35.93%
TOU - Mid Peak	1,945.80	0.1000	194.58	1,945.80	0.1000	194.58	0.00	0.00%		15.55%
TOU - On Peak	1,945.80	0.1170	227.66	1,945.80	0.1170	227.66	0.00	0.00%		18.19%
Service Charge	1	30.39	30.39	1	30.66	30.66	0.27	0.89%	2.32%	2.45%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	10000	0.0134	134.00	10,000	0.0135	135.00	1.00	0.75%	10.21%	10.79%
Low Voltage Volumetric Rate	10000	0.0010	10.00	10,000	0.0010	10.00	0.00	0.00%	0.76%	0.80%
Distribution Volumetric Rate Rider(s)	10000	(0.0080)	(80.00)	10,000	(0.0032)	(32.00)	48.00	(60.00)%	(2.42)%	(2.56)%
Total: Distribution			94.39			143.66	49.27	52.20%	10.66%	11.48%
Retail Transmission Rate - Network Service Rate	10,810.00	0.0047	50.81	10,810.00	0.0045	48.64	(2.17)	(4.27%)	3.68%	3.89%
Retail Transmission Rate - Line and Transformation Connection Service Rate	10,810.00	0.0027	29.19	10,810.00	0.0026	28.11	(1.08)	(3.70%)	2.13%	2.25%
Total: Retail Transmission			80.00			76.75	(3.25)	(4.06%)	5.80%	6.13%
Sub-Total: Delivery (Distribution and Retail Transmission)			174.39			220.41	46.02	26.39%	16.67%	17.61%
Wholesale Market Service Rate	10,810.00	0.0052	56.21	10,810.00	0.0052	56.21	0.00	0.00%	4.25%	4.49%
Rural Rate Protection Charge	10,810.00	0.0011	11.89	10,810.00	0.0011	11.89	0.00	0.00%	0.90%	0.95%
Standard Supply Service - Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.02%	0.02%
Sub-Total: Regulatory			68.35			68.35	0.00	0.00%	5.17%	5.46%
Debt Retirement Charge (DRC)	10,000.00	0.0070	70.00	10,000.00	0.0070	70.00	0.00	0.00%	5.29%	5.59%
Total Bill on RPP (before taxes)			1,254.27			1,300.29	46.02	3.67%	96.33%	
HST		13%	163.06		13%	169.04	5.98	3.67%	12.78%	
Total Bill (including HST)			1,417.33			1,469.33	52.00	3.67%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(141.73)		(10%)	(146.93)	(5.20)	(3.67%)	(11.11%)	
Total Bill on RPP (including OCEB)			1,275.59			1,322.39	46.80	3.67%	100.00%	
Total Bill on TOU (before taxes)			1,184.68			1,230.70	46.02	3.88%		98.33%
HST		13%	154.01		13%	159.99	5.98	3.88%	12.78%	
Total Bill (including HST)			1,338.69			1,390.69	52.00	3.88%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(133.87)		(10%)	(139.07)	(5.20)	(3.88%)	(11.11%)	
Total Bill on TOU (including OCEB)			1,204.82			1,251.62	46.80	3.88%		100.00%

Renfrew Hydro
 GS > 50 - 4.999
 540kw
 275,940kwh

275,940 kWh
 750 kWh
 70%
 1.0810

540.0 kW

	CURRENT ESTIMATED BILL			PROPOSED ESTIMATED BILL			Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)				
Energy First Tier (kWh)	298,291.14	0.0750	22,371.84	298,291.14	0.0750	22,371.84	0.00	0.00%	75.75%	
Energy Second Tier (kWh)	0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
TOU - Off Peak	190,906.33	0.0650	12,408.91	190,906.33	0.0650	12,408.91	0.00	0.00%		39.71%
TOU - Mid Peak	53,692.41	0.1000	5,369.24	53,692.41	0.1000	5,369.24	0.00	0.00%		17.18%
TOU - On Peak	53,692.41	0.1170	6,282.01	53,692.41	0.1170	6,282.01	0.00	0.00%		20.10%
Service Charge	1	178.61	178.61	1	185.73	185.73	7.12	3.99%	0.63%	0.59%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	540	2.9903	1,290.76	540	2.4856	1,342.22	51.46	3.99%	4.54%	4.30%
Low Voltage Volumetric Rate	540	0.3584	192.46	540	0.3564	192.46	0.00	0.00%	0.65%	0.62%
Distribution Volumetric Rate Rider(s)	540	(2.6688)	(1,441.15)	540	(0.7339)	(396.31)	1,044.85	(72.50)%	-1.34%	-1.27%
Total: Distribution			220.68			1,324.10	1,103.42	500.01%	4.48%	4.24%
Retail Transmission Rate - Network Service Rate	540.00	1.9073	1,029.94	540.00	1.8264	986.26	(43.68)	-4.24%	3.34%	3.16%
Retail Transmission Rate - Line and Transformation Connection Service Rate	540.00	1.0405	561.87	540.00	1.0120	546.48	(15.39)	-2.74%	1.85%	1.75%
Total: Retail Transmission			1,591.81			1,532.74	(59.07)	(3.71)%	5.19%	4.90%
Sub-Total: Delivery (Distribution and Retail Transmission)			1,812.49			2,856.84	1,044.35	57.62%	9.67%	9.14%
Wholesale Market Service Rate	298,291.14	0.0052	1,551.11	298,291.14	0.0052	1,551.11	0.00	0.00%	5.25%	4.96%
Rural Rate Protection Charge	298,291.14	0.0011	328.12	298,291.14	0.0011	328.12	0.00	0.00%	1.11%	1.05%
Standard Supply Service - Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%	0.00%
Sub-Total: Regulatory			1,879.48			1,879.48	0.00	0.00%	6.36%	6.01%
Debt Retirement Charge (DRC)	275,940.00	0.00700	1,931.58	275,940.00	0.0070	1,931.58	0.00	0.00%	6.54%	6.18%
Total Bill on RPP (before taxes)			27,995.39			29,039.74	1,044.35	3.73%	96.33%	
HST		13%	3,639.40		13%	3,775.17	135.77	3.73%	12.78%	
Total Bill (including HST)			31,634.79			32,814.91	1,180.12	3.73%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(3,163.48)		(10%)	(3,281.49)	(118.01)	3.73%	-11.11%	
Total Bill on RPP (including OCEB)			28,471.31			29,533.42	1,062.10	3.73%	100.00%	
Total Bill on TOU (before taxes)			29,683.72			30,728.07	1,044.35	3.52%	98.33%	
HST		13%	3,888.88		13%	3,994.65	105.77	3.52%	12.78%	
Total Bill (including HST)			33,572.60			34,722.72	1,150.12	3.52%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(3,354.26)		(10%)	(3,472.27)	(118.01)	3.52%	-11.11%	
Total Bill on TOU (including OCEB)			30,185.34			31,250.45	1,065.10	3.52%	100.00%	

RENFREW HYDRO INC.
 UNMETERED SCATTERED LOADS
 400kwh

Consumption 400 kWh
 RPP Tier One 750 kWh
 Load Factor
 Loss Factor 1.0810

	CURRENT ESTIMATED BILL				PROPOSED ESTIMATED BILL				% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)		
Energy First Tier (kWh)	432.40	0.0750	32.43	432.40	0.0750	32.43	0.00	0.00%	36.98%	
Energy Second Tier (kWh)	0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
TOU - Off Peak	276.74	0.0850	17.99	276.74	0.0650	17.99	0.00	0.00%	19.94%	
TOU - Mid Peak	77.83	0.1000	7.78	77.83	0.1000	7.78	0.00	0.00%	8.63%	
TOU - On Peak	77.83	0.1170	9.11	77.83	0.1170	9.11	0.00	0.00%	10.10%	
Service Charge	1	39.79	39.79	1	42.81	42.81	3.02	7.59%	48.81%	
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%	
Distribution Volumetric Rate	400	0.0090	3.60	400	0.0097	3.88	0.28	7.78%	4.42%	
Low Voltage Volumetric Rate	400	0.0010	0.40	400	0.0010	0.40	0.00	0.00%	0.46%	
Distribution Volumetric Rate Rider(s)	400	(0.0109)	(4.36)	400	(0.0053)	(2.12)	2.24	(51.36)%	-2.42%	
Total: Distribution			39.43			44.97	5.54	14.05%	49.86%	
Retail Transmission Rate - Network Service Rate	432.40	0.0047	2.03	432.40	0.0045	1.95	(0.08)	-3.94%	2.22%	
Retail Transmission Rate - Line and Transformation Connection Service Rate	432.40	0.0027	1.17	432.40	0.0026	1.12	(0.05)	-4.27%	1.28%	
Total: Retail Transmission			3.20			3.07	(0.13)	(4.06%)	3.50%	
Sub-Total: Delivery (Distribution and Retail Transmission)			42.63			46.04	5.41	12.69%	54.77%	
Wholesale Market Service Rate	432.40	0.0052	2.25	432.40	0.0052	2.25	0.00	0.00%	2.56%	
Rural Rate Protection Charge	432.40	0.0011	0.48	432.40	0.0011	0.48	0.00	0.00%	0.54%	
Standard Supply Service - Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.29%	
Sub-Total: Regulatory			2.97			2.97	0.00	0.00%	3.39%	
Debt Retirement Charge (DRC)	400.00	0.0070	2.80	400.00	0.0070	2.80	0.00	0.00%	3.19%	
Total Bill on RPP (before taxes)			80.83			86.24	5.41	6.69%	98.83%	
HST		13%	10.51		13%	11.21	0.70	6.69%	12.78%	
Total Bill (including HST)			91.34			97.45	6.11	6.69%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(9.13)		(10%)	(9.75)	(0.61)	6.69%	-11.11%	
Total Bill on RPP (including OCEB)			82.20			87.71	5.50	6.69%	100.00%	
Total Bill on TOU (before taxes)			83.28			88.69	5.41	6.50%	98.33%	
HST		13%	10.83		13%	11.53	0.70	6.50%	12.78%	
Total Bill (including HST)			94.11			100.22	6.11	6.50%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(9.41)		(10%)	(10.02)	(0.61)	6.50%	-11.11%	
Total Bill on TOU (including OCEB)			84.70			90.20	5.50	6.50%	100.00%	

RENFREW - STREET LIGHT

**RENFREW HYDRO INC.
STREET LIGHT**

Consumption 94,170 kWh
 RPP Tier One 750 kWh
 Load Factor 50%
 Loss Factor 1.0810

258.0 KW

	CURRENT ESTIMATED BILL			PROPOSED ESTIMATED BILL			Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)				
Energy First Tier (kWh)	101,797.77	0.0750	7,634.83	101,797.77	0.0750	7,634.83	0.00	0.00%	51.17%	
Energy Second Tier (kWh)	0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
TOU - Off Peak	65,150.57	0.0650	4,234.79	65,150.57	0.0650	4,234.79	0.00	0.00%		21.31%
TOU - Mid Peak	18,323.60	0.1000	1,832.36	18,323.60	0.1000	1,832.36	0.00	0.00%		11.82%
TOU - On Peak	18,323.60	0.1170	2,143.86	18,323.60	0.1170	2,143.86	0.00	0.00%		13.83%
Service Charge	1173	2.46	2,885.58	1173	2.90	3,401.70	516.12	17.89%	22.80%	21.94%
Service Charge Rate Rider(s)	1173	0.00	0.00	1,173	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	258	6.0432	1,559.15	258	7.1125	1,835.03	275.88	17.69%	12.30%	11.83%
Low Voltage Volumetric Rate	258	0.2754	71.05	258	0.2754	71.05	0.00	0.00%	0.43%	0.46%
Distribution Volumetric Rate Rider(s)	258	(1.9451)	(501.84)	258	(0.5000)	(129.00)	372.84	(74.29)%	-0.86%	-0.83%
Total: Distribution			4,013.94			5,178.78	1,164.84	29.02%	34.71%	33.40%
Retail Transmission Rate - Network Service Rate	258.00	1.4384	371.11	258.00	1.3774	355.37	(15.74)	-4.24%	2.38%	2.29%
Retail Transmission Rate - Line and Transformation Connection Service Rate	258.00	0.8043	207.51	258.00	0.7823	201.83	(5.68)	-2.74%	1.35%	1.30%
Total: Retail Transmission			578.62			557.20	(21.42)	(3.70)%	3.73%	3.59%
Sub-Total: Delivery (Distribution and Retail Transmission)			4,592.56			5,735.98	1,143.42	24.90%	38.44%	36.99%
Wholesale Market Service Rate	101,797.77	0.0052	529.35	101,797.77	0.0052	529.35	0.00	0.00%	3.55%	3.41%
Rural Rate Protection Charge	101,797.77	0.0011	111.98	101,797.77	0.0011	111.98	0.00	0.00%	0.75%	0.72%
Standard Supply Service - Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%	0.00%
Sub-Total: Regulatory			641.58			641.58	0.00	0.00%	4.30%	4.14%
Debt Retirement Charge (DRC)	94,170.00	0.0070	659.19	94,170.00	0.0070	659.19	0.00	0.00%	4.42%	4.25%
Total Bill on RPP (before taxes)			13,528.16			14,671.58	1,143.42	8.45%	98.33%	98.33%
HST		13%	1,758.66		13%	1,907.31	148.64	8.45%	12.78%	12.78%
Total Bill (including HST)			15,286.82			16,578.89	1,292.06	8.45%	111.11%	111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(1,528.68)		(10%)	(1,657.89)	(129.21)	8.45%	-11.11%	-11.11%
Total Bill on RPP (including OCEB)			13,758.14			14,921.00	1,162.86	8.45%	100.00%	100.00%
Total Bill on TOU (before taxes)			14,104.33			15,247.75	1,143.42	8.11%		98.33%
HST		13%	1,833.56		13%	1,982.21	148.64	8.11%		12.78%
Total Bill (including HST)			15,937.89			17,229.96	1,292.06	8.11%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(1,593.79)		(10%)	(1,723.00)	(129.21)	8.11%		-11.11%
Total Bill on TOU (including OCEB)			14,344.10			15,506.96	1,162.86	8.11%		100.00%