

**Response to Undertakings  
2017 Cost of Service Rate Application  
Renfrew Hydro Inc. (Renfrew Hydro)  
EB-2016-0166  
December 19, 2016**

## JT1.15

To update the bill impact scenarios provided in response to 8-Staff-63 to include the LRAMVA claim over a one year period.

### Response:

Please find below a summary of the bill impact scenarios to include the LRAMVA claim over a one year period.

### Summary of Bill Impacts

1 YEAR Disposition - Group 1 and 2 DVAs										
RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Usage		Sub-Total						Total	
	kWh	kW	A		B		C		A + B + C	
			\$	%	\$	%	\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	750		\$ 3.21	12.9%	\$ 4.63	13.9%	\$ 4.80	11.7%	\$ 4.69	3.2%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - RPP	2,000		\$ 6.14	10.5%	\$ 9.74	12.3%	\$ 10.17	10.3%	\$ 9.54	2.4%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	61,605	156	\$ 14.02	2.4%	\$ 354.09	55.3%	\$ 363.60	30.6%	\$ 350.67	3.2%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - Non-RPP (Other)	392		\$ (160.14)	-10.8%	\$ (157.94)	-10.6%	\$ (157.86)	-10.6%	\$ (178.76)	-10.2%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	90,251	250	\$ (594.97)	-11.1%	\$ (181.37)	-3.3%	\$ (169.57)	-2.8%	\$ (279.81)	-1.3%
RESIDENTIAL SERVICE CLASSIFICATION - RPP - 10th percentile	286		\$ 4.09	22.6%	\$ 4.63	21.3%	\$ 4.70	18.9%	\$ 5.03	7.5%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	750		\$ 3.21	12.9%	\$ 7.48	22.5%	\$ 7.65	18.6%	\$ 7.91	5.3%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer) - 10th percentile	286		\$ 4.09	22.6%	\$ 5.72	26.2%	\$ 5.78	23.3%	\$ 6.26	9.3%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - Non-RPP (Retailer)	2,000		\$ 6.14	10.5%	\$ 17.34	21.7%	\$ 17.77	18.0%	\$ 18.13	4.5%

2 YEAR Disposition - Group 1 and 2 DVAs										
RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Usage		Sub-Total						Total	
	kWh	kW	A		B		C		A + B + C	
			\$	%	\$	%	\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	750		\$ 3.00	12.1%	\$ 4.12	12.4%	\$ 4.29	10.4%	\$ 4.11	2.8%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - RPP	2,000		\$ 5.54	9.4%	\$ 8.34	10.5%	\$ 8.77	8.9%	\$ 7.96	2.0%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	61,605	156	\$ (4.56)	-0.8%	\$ 196.98	30.8%	\$ 206.49	17.4%	\$ 173.14	1.6%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - Non-RPP (Other)	392		\$ (160.26)	-10.8%	\$ (158.96)	-10.7%	\$ (158.88)	-10.6%	\$ (179.92)	-10.3%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	90,251	250	\$ (624.07)	-11.7%	\$ (415.64)	-7.7%	\$ (403.84)	-6.6%	\$ (544.54)	-2.6%
RESIDENTIAL SERVICE CLASSIFICATION - RPP - 10th percentile	286		\$ 3.88	21.4%	\$ 4.31	19.8%	\$ 4.37	17.6%	\$ 4.66	7.0%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	750		\$ 3.00	12.1%	\$ 5.55	16.7%	\$ 5.71	13.9%	\$ 5.72	3.9%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer) - 10th percentile	286		\$ 3.88	21.4%	\$ 4.85	22.2%	\$ 4.92	19.8%	\$ 5.28	7.9%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - Non-RPP (Retailer)	2,000		\$ 5.54	9.4%	\$ 12.14	15.2%	\$ 12.57	12.7%	\$ 12.25	3.1%

3 YEAR Disposition - Group 1 and 2 DVAs										
RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Usage		Sub-Total						Total	
	kWh	kW	A		B		C		A + B + C	
			\$	%	\$	%	\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	750		\$ 2.94	11.8%	\$ 3.99	12.0%	\$ 4.15	10.1%	\$ 3.96	2.7%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - RPP	2,000		\$ 5.34	9.1%	\$ 7.94	10.0%	\$ 8.37	8.5%	\$ 7.51	1.9%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	61,605	156	\$ (10.76)	-1.8%	\$ 146.64	22.9%	\$ 156.16	13.1%	\$ 116.26	1.1%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - Non-RPP (Other)	392		\$ (160.30)	-10.8%	\$ (159.28)	-10.7%	\$ (159.19)	-10.6%	\$ (180.27)	-10.3%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	90,251	250	\$ (633.79)	-11.8%	\$ (490.74)	-9.1%	\$ (478.94)	-7.9%	\$ (629.40)	-3.0%
RESIDENTIAL SERVICE CLASSIFICATION - RPP - 10th percentile	286		\$ 3.82	21.1%	\$ 4.22	19.4%	\$ 4.28	17.3%	\$ 4.56	6.8%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	750		\$ 2.94	11.8%	\$ 4.96	14.9%	\$ 5.13	12.4%	\$ 5.06	3.4%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer) - 10th percentile	286		\$ 3.82	21.1%	\$ 4.59	21.0%	\$ 4.66	18.7%	\$ 4.98	7.4%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - Non-RPP (Retailer)	2,000		\$ 5.34	9.1%	\$ 10.54	13.2%	\$ 10.97	11.1%	\$ 10.44	2.6%

4 YEAR Disposition - Group 1 and 2 DVAs										
RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Usage		Sub-Total						Total	
	kWh	kW	A		B		C		A + B + C	
			\$	%	\$	%	\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	750		\$ 2.90	11.7%	\$ 3.80	11.4%	\$ 3.96	9.6%	\$ 3.74	2.5%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - RPP	2,000		\$ 5.34	9.1%	\$ 7.54	9.5%	\$ 7.97	8.1%	\$ 7.05	1.8%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	61,605	156	\$ (13.84)	-2.4%	\$ 115.34	18.0%	\$ 124.86	10.5%	\$ 80.89	0.7%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - Non-RPP (Other)	392		\$ (160.30)	-10.8%	\$ (159.51)	-10.7%	\$ (159.43)	-10.7%	\$ (180.54)	-10.3%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	90,251	250	\$ (638.65)	-11.9%	\$ (537.29)	-9.9%	\$ (525.49)	-8.6%	\$ (682.00)	-3.3%
RESIDENTIAL SERVICE CLASSIFICATION - RPP - 10th percentile	286		\$ 3.78	20.9%	\$ 4.12	18.9%	\$ 4.19	16.9%	\$ 4.45	6.7%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	750		\$ 2.90	11.7%	\$ 4.47	13.4%	\$ 4.64	11.3%	\$ 4.51	3.0%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer) - 10th percentile	286		\$ 3.78	20.9%	\$ 4.38	20.1%	\$ 4.44	17.9%	\$ 4.74	7.1%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - Non-RPP (Retailer)	2,000		\$ 5.34	9.1%	\$ 9.34	11.7%	\$ 9.77	9.9%	\$ 9.09	2.3%