9. BILL IMPACTS

Using the 2011 IRM3 rate generator, the total bill impacts for NOTL customer classes are all less than 10%.

Details of the bill impacts for various usage levels are provided below, as generated by the model. Also, a copy of all of these bill impact pages is provided in the application filing in Tab 7 of the binder and in PDF format, in accordance with Page 6 of Chapter 3 of the Filing Requirements for Transmission and Distribution Applications, dated June 22. 2011.

Residential

(A representative volume for NOTL for the residential class is 1,000 kWh).

Residential

Monthly Rates and Charges	Current Rate	Applied For Rate
Service Charge	18.06	18.09
Smart Meter Funding Adder	1.00	-
Service Charge Rate Rider(s)	-	0.30
Distribution Volumetric Rate	0.01270	0.01272
Distribution Volumetric Rate Rider(s)	(0.00370)	0.00067
Low Voltage Volumetric Rate	0.00000	0.00000
Retail Transmission Rate – Network Service Rate	0.00610	0.00593
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.00130	0.00123
Wholesale Market Service Rate	0.0052	0.0052
Rural Rate Protection Charge	0.0013	0.0013
Standard Supply Service – Administration Charge (if applicable)	0.25	0.25
Debt Retirement Charge (DRC)	0.0070	0.0070
Loss Factor	1.0463	1.0463

Consumption	1,000	kWh		kW	*Current Loss Factor*	*1.0463*
RPP Tier One	600	kWh	*Load Factor*		*Proposed Loss Factor*	*1.0463*

Residential	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy First Tier (kWh)	600.00	0.0680	40.80	600.00	0.0680	40.80	0.00	0.00%	27.91%
Energy Second Tier (kWh)	446.30	0.0790	35.26	446.30	0.0790	35.26	0.00	0.00%	24.12%
Sub-Total: Energy			**76.06**			**76.06**	**0.00**	**0.00%**	**52.02%**
Service Charge	1	18.06	18.06	1	18.09	18.09	0.03	0.18%	12.38%
Service Charge Rate Rider(s)	1	1.00	1.00	1	0.30	0.30	-0.70	(70.00)%	0.21%
Distribution Volumetric Rate	1,000	0.0127	12.70	1,000	0.0127	12.72	0.02	0.18%	8.70%
Low Voltage Volumetric Rate	1,000	0.0000	0.00	1,000	0.0000	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate Rider(s)	1,000	(0.0037)	(3.70)	1,000	0.0007	0.67	4.37	(117.98)%	0.45%
Total: Distribution			**28.06**			**31.78**	**3.72**	**13.26%**	**21.74%**
Retail Transmission Rate – Network Service Rate	1,046.30	0.0061	6.38	1,046.30	0.0059	6.20	-0.18	(2.82)%	4.24%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,046.30	0.0013	1.36	1,046.30	0.0012	1.29	-0.07	(5.12)%	0.88%
Total: Retail Transmission			**7.74**			**7.49**	**-0.25**	**(3.22)%**	**5.13%**
Sub-Total: Delivery (Distribution and Retail Transmission)			**35.80**			**39.27**	**3.47**	**9.69%**	**26.86%**
Wholesale Market Service Rate	1,046.30	0.0052	5.44	1,046.30	0.0052	5.44	0.00	0.00%	3.72%
Rural Rate Protection Charge	1,046.30	0.0013	1.36	1,046.30	0.0013	1.36	0.00	0.00%	0.93%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.17%
Sub-Total: Regulatory			**7.05**			**7.05**			**4.82%**
Debt Retirement Charge (DRC)	1,000.00	0.00700	**7.00**	1,000	0.0070	**7.00**	**0.00**	**0.00%**	**4.79%**
Total Bill before Taxes			**125.91**			**129.38**	**3.47**	**2.76%**	**88.50%**
HST		13%	**16.37**		13%	**16.82**	**0.45**	**2.76%**	**11.50%**
Total Bill			**142.28**			**146.20**	**3.92**	**2.76%**	**100.00%**
Ontario Clean Energy Benefit (OCEB)		(10%)	-14.23		(10%)	-14.62			
Total Bill (less OCEB)			**128.05**			**131.58**	**3.53**	**2.76%**	

GS < 50kW

(A representative volume for NOTL for the GS < 50kW class is 2,000 kWh).

General Service Less Than 50 kW

Monthly Rates and Charges	Current Rate	Applied For Rate
Service Charge	45.35	45.43
Smart Meter Funding Adder	1.00	-
Service Charge Rate Rider(s)	-	0.75
Distribution Volumetric Rate	0.01360	0.01362
Distribution Volumetric Rate Rider(s)	(0.00410)	0.00058
Low Voltage Volumetric Rate	0.00000	0.00000
Retail Transmission Rate – Network Service Rate	0.00560	0.00544
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.00120	0.00114
Wholesale Market Service Rate	0.0052	0.0052
Rural Rate Protection Charge	0.0013	0.0013
Standard Supply Service – Administration Charge (if applicable)	0.25	0.25
Debt Retirement Charge (DRC)	0.0070	0.0070
Loss Factor	1.0463	1.0463

Consumption	2,000	kWh		kW
RPP Tier One	600	kWh	*Load Factor*	

Current Loss Factor	*1.0463*
Proposed Loss Factor	*1.0463*

General Service Less Than 50 kW	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy First Tier (kWh)	600.00	0.0680	40.80	600.00	0.0680	40.80	0.00	0.00%	13.13%
Energy Second Tier (kWh)	1,492.60	0.0790	117.92	1,492.60	0.0790	117.92	0.00	0.00%	37.96%
Sub-Total: Energy			**158.72**			**158.72**	**0.00**	**0.00%**	**51.09%**
Service Charge	1	45.35	45.35	1	45.43	45.43	0.08	0.18%	14.62%
Service Charge Rate Rider(s)	1	1.00	1.00	1	0.75	0.75	-0.25	(25.00)%	0.24%
Distribution Volumetric Rate	2,000	0.0136	27.20	2,000	0.0136	27.25	0.05	0.18%	8.77%
Low Voltage Volumetric Rate	2,000	0.0000	0.00	2,000	0.0000	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate Rider(s)	2,000	(0.0041)	(8.20)	2,000	0.0006	1.16	9.36	(114.16)%	0.37%
Total: Distribution			**65.35**			**74.59**	**9.24**	**14.14%**	**24.01%**
Retail Transmission Rate – Network Service Rate	2,092.60	0.0056	11.72	2,092.60	0.0054	11.39	-0.33	(2.82)%	3.67%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,092.60	0.0012	2.51	2,092.60	0.0011	2.38	-0.13	(5.12)%	0.77%
Total: Retail Transmission			**14.23**			**13.77**	**-0.46**	**(3.23)%**	**4.43%**
Sub-Total: Delivery (Distribution and Retail Transmission)			**79.58**			**88.36**	**8.78**	**11.04%**	**28.44%**
Wholesale Market Service Rate	2,092.60	0.0052	10.88	2,092.60	0.0052	10.88	0.00	0.00%	3.50%
Rural Rate Protection Charge	2,092.60	0.0013	2.72	2,092.60	0.0013	2.72	0.00	0.00%	0.88%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.08%
Sub-Total: Regulatory			**13.85**			**13.85**			**4.46%**
Debt Retirement Charge (DRC)	2,000.00	0.00700	**14.00**	2,000	0.0070	**14.00**	**0.00**	**0.00%**	**4.51%**
Total Bill before Taxes			**266.15**			**274.93**	**8.78**	**3.30%**	**88.50%**
HST		13%	**34.60**		13%	**35.74**	**1.14**	**3.30%**	**11.50%**
Total Bill			**300.75**			**310.67**	**9.92**	**3.30%**	**100.00%**
Ontario Clean Energy Benefit (OCEB)		**(10%)**	**-30.07**		**(10%)**	**-31.07**			
Total Bill (less OCEB)			**270.67**			**279.60**	**8.93**	**3.30%**	

GS > 50kW

(A representative volume for NOTL for the GS > 50kW class is 500,000 kWh and 1,100 kW. However, the kWh cell in the model for this class is locked. Hence the volumes locked into the model are shown below).

General Service 50 to 4,999 kW

Monthly Rates and Charges	Current Rate	Applied For Rate
Service Charge	323.99	324.57
Smart Meter Funding Adder	1.00	-
Service Charge Rate Rider(s)	-	5.73
Distribution Volumetric Rate	2.53180	2.53636
Distribution Volumetric Rate Rider(s)	(1.05560)	0.04173
Low Voltage Volumetric Rate	0.00000	0.00000
Retail Transmission Rate – Network Service Rate	2.27380	2.20965
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.45730	0.43391
Wholesale Market Service Rate	0.0052	0.0052
Rural Rate Protection Charge	0.0013	0.0013
Standard Supply Service – Administration Charge (if applicable)	0.25	0.25
Debt Retirement Charge (DRC)	0.0070	0.0070
Loss Factor	1.0358	1.0358

Consumption	**500,000**	**kWh**	**1,100**	**kW**	***Current Loss Factor***	***1.0358***
		kWh	***Load Factor***	***62.3%***	***Proposed Loss Factor***	***1.0358***

General Service 50 to 4,999 kW	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy First Tier (kWh)	517,900.00	0.0680	35,217.20	517,900	0.0680	35,217.20	0.00	0.00%	543.35%
Energy Second Tier (kWh)			0.00			0.00	0.00	0.00%	0.00%
Sub-Total: Energy			**35,217.20**			**35,217.20**	**0.00**	**0.00%**	**543.35%**
Service Charge	1	323.99	323.99	1	324.57	324.57	0.58	0.18%	5.01%
Service Charge Rate Rider(s)	1	1.00	1.00	1	5.73	5.73	4.73	473.00%	0.09%
Distribution Volumetric Rate	1,100	2.5318	2,784.98	1,100	2.5364	2,789.99	5.01	0.18%	43.05%
Low Voltage Volumetric Rate	1,100	0.0000	0.00	1,100	0.0000	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate Rider(s)	1,100	(1.0556)	(1,161.16)	1,100	0.0417	45.90	1,207.06	(103.95)%	0.71%
Total: Distribution			**1,948.81**			**3,166.20**	**1,217.39**	**62.47%**	**48.85%**
Retail Transmission Rate – Network Service Rate	1,139.38	2.2738	2,590.72	1,139.38	2.2097	2,517.64	-73.09	(2.82)%	38.84%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,139.38	0.4573	521.04	1,139.38	0.4339	494.39	-26.65	(5.12)%	7.63%
Total: Retail Transmission			**3,111.76**			**3,012.02**	**-99.74**	**(3.21)%**	**46.47%**
Sub-Total: Delivery (Distribution and Retail Transmission)			**5,060.57**			**6,178.22**	**1,117.65**	**22.09%**	**95.32%**
Wholesale Market Service Rate	517,900.00	0.0052	2,693.08	517,900.00	0.0052	2,693.08	0.00	0.00%	41.55%
Rural Rate Protection Charge	517,900.00	0.0013	673.27	517,900.00	0.0013	673.27	0.00	0.00%	10.39%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
Sub-Total: Regulatory			**3,366.60**			**3,366.60**			**51.94%**
Debt Retirement Charge (DRC)	500,000.00	0.00700	**3,500.00**	500,000	0.0070	**3,500.00**	**0.00**	**0.00%**	**54.00%**
Total Bill before Taxes			**47,144.37**			**48,262.02**	**1,117.65**	**2.37%**	**744.62%**
HST		13%	**6,128.77**		13%	**6,274.06**	**145.29**	**2.37%**	**96.80%**
Total Bill			**53,273.14**			**54,536.08**	**1,262.94**	**2.37%**	**841.42%**
Ontario Clean Energy Benefit (OCEB)		(10%)	-5,327.31		(10%)	-5,453.61			
Total Bill (less OCEB)			**47,945.83**			**49,082.47**	**1,136.65**	**2.37%**	

Unmetered Scattered Loads

(A representative volume for NOTL for the USL class is 800 kWh).

Unmetered Scattered Load

Monthly Rates and Charges	Current Rate	Applied For Rate
Service Charge	53.58	53.68
Smart Meter Funding Adder	-	-
Service Charge Rate Rider(s)	-	0.89
Distribution Volumetric Rate	0.01610	0.01613
Distribution Volumetric Rate Rider(s)	(0.00170)	(0.00049)
Low Voltage Volumetric Rate	0.00000	0.00000
Retail Transmission Rate – Network Service Rate	0.00560	0.00544
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.00120	0.00114
Wholesale Market Service Rate	0.0052	0.0052
Rural Rate Protection Charge	0.0013	0.0013
Standard Supply Service – Administration Charge (if applicable)	0.25	0.25
Debt Retirement Charge (DRC)	0.0070	0.0070
Loss Factor	1.0463	1.0463

Consumption	800	kWh		kW
RPP Tier One	600	kWh	*Load Factor*	

Current Loss Factor	*1.0463*
Proposed Loss Factor	*1.0463*

Unmetered Scattered Load	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy First Tier (kWh)	600.00	0.0680	40.80	600.00	0.0680	40.80	0.00	0.00%	25.18%
Energy Second Tier (kWh)	237.04	0.0790	18.73	237.04	0.0790	18.73	0.00	0.00%	11.56%
Sub-Total: Energy			**59.53**			**59.53**	**0.00**	**0.00%**	**36.73%**
Service Charge	1	53.58	53.58	1	53.68	53.68	0.10	0.18%	33.12%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.89	0.89	0.89	0.00%	0.55%
Distribution Volumetric Rate	800	0.0161	12.88	800	0.0161	12.90	0.02	0.18%	7.96%
Low Voltage Volumetric Rate	800	0.0000	0.00	800	0.0000	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate Rider(s)	800	(0.0017)	(1.36)	800	(0.0005)	(0.39)	0.97	(71.44)%	(0.24)%
Total: Distribution			**65.10**			**67.08**	**1.98**	**3.04%**	**41.40%**
Retail Transmission Rate – Network Service Rate	837.04	0.0056	4.69	837.04	0.0054	4.56	-0.13	(2.82)%	2.81%
Retail Transmission Rate – Line and Transformation Connection Service Rate	837.04	0.0012	1.00	837.04	0.0011	0.95	-0.05	(5.12)%	0.59%
Total: Retail Transmission			**5.69**			**5.51**	**-0.18**	**(3.23)%**	**3.40%**
Sub-Total: Delivery (Distribution and Retail Transmission)			**70.79**			**72.59**	**1.80**	**2.54%**	**44.79%**
Wholesale Market Service Rate	837.04	0.0052	4.35	837.04	0.0052	4.35	0.00	0.00%	2.69%
Rural Rate Protection Charge	837.04	0.0013	1.09	837.04	0.0013	1.09	0.00	0.00%	0.67%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.15%
Sub-Total: Regulatory			**5.69**			**5.69**			**3.51%**
Debt Retirement Charge (DRC)	800.00	0.00700	**5.60**	800	0.0070	**5.60**	**0.00**	**0.00%**	**3.46%**
Total Bill before Taxes			**141.61**			**143.41**	**1.80**	**1.27%**	**88.50%**
HST		13%	**18.41**		13%	**18.64**	**0.23**	**1.27%**	**11.50%**
Total Bill			**160.02**			**162.05**	**2.03**	**1.27%**	**100.00%**
Ontario Clean Energy Benefit (OCEB)		(10%)	**-16.00**		(10%)	**-16.20**			
Total Bill (less OCEB)			**144.02**			**145.84**	**1.83**	**1.27%**	

Street Lighting

(A representative volume for NOTL for the Street Lighting class is 63 kWh and 0.14 kW).

Street Lighting

Monthly Rates and Charges	Current Rate	Applied For Rate
Service Charge	4.92	4.93
Smart Meter Funding Adder	-	-
Service Charge Rate Rider(s)	-	0.05
Distribution Volumetric Rate	19.21730	19.25189
Distribution Volumetric Rate Rider(s)	(2.15080)	(0.01401)
Low Voltage Volumetric Rate	0.00000	0.00000
Retail Transmission Rate – Network Service Rate	1.71470	1.66633
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.35350	0.33542
Wholesale Market Service Rate	0.0052	0.0052
Rural Rate Protection Charge	0.0013	0.0013
Standard Supply Service – Administration Charge (if applicable)	0.25	0.25
Debt Retirement Charge (DRC)	0.0070	0.0070
Loss Factor	1.0463	1.0463

Consumption	**63**	**kWh**	**0.14**	**kW**
		kWh	***Load Factor***	

Current Loss Factor	***1.0463***
Proposed Loss Factor	***1.0463***

Street Lighting	Volume	Current Rate ($)	Current Charge ($)	Volume	Proposed Rate ($)	Proposed Charge ($)	Change ($)	Change (%)	% of Total Bill
Energy First Tier (kWh)	65.92	0.0680	4.48	66	0.0680	4.48	0.00	0.00%	0.02%
Energy Second Tier (kWh)			0.00			0.00	0.00	0.00%	0.00%
Sub-Total: Energy			**4.48**			**4.48**	**0.00**	**0.00%**	**0.02%**
Service Charge	1	4.92	4.92	1	4.93	4.93	0.01	0.18%	0.03%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.01	0.01	0.01	0.00%	0.00%
Distribution Volumetric Rate	0	19.2173	2.69	0	19.2519	2.70	0.00	0.18%	0.01%
Low Voltage Volumetric Rate	0	0.0000	0.00	0	0.0000	0.00	0.00	0.00%	0.00%
Distribution Volumetric Rate Rider(s)	0	(2.1508)	(0.30)	0	(0.0140)	(0.00)	0.30	(99.35)%	(0.00)%
Total: Distribution			**7.31**			**7.63**	**0.32**	**4.35%**	**0.04%**
Retail Transmission Rate – Network Service Rate	0.15	1.7147	0.25	0.15	1.6663	0.24	-0.01	(2.82)%	0.00%
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.15	0.3535	0.05	0.15	0.3354	0.05	-0.00	(5.12)%	0.00%
Total: Retail Transmission			**0.30**			**0.29**	**-0.01**	**(3.21)%**	**0.00%**
Sub-Total: Delivery (Distribution and Retail Transmission)			**7.61**			**7.92**	**0.31**	**4.05%**	**0.04%**
Wholesale Market Service Rate	65.92	0.0052	0.34	65.92	0.0052	0.34	0.00	0.00%	0.00%
Rural Rate Protection Charge	65.92	0.0013	0.09	65.92	0.0013	0.09	0.00	0.00%	0.00%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.00%
Sub-Total: Regulatory			**0.68**			**0.68**			**0.00%**
Debt Retirement Charge (DRC)	63.00	0.00700	**0.44**	63	0.0070	**0.44**	**0.00**	**0.00%**	**0.00%**
Total Bill before Taxes			**13.21**			**13.52**	**0.31**	**2.33%**	**0.07%**
HST		13%	**1.72**		13%	**1.76**	**0.04**	**2.33%**	**0.01%**
Total Bill			**14.93**			**15.28**	**0.35**	**2.33%**	**0.08%**
Ontario Clean Energy Benefit (OCEB)		**(10%)**	**-1.49**		**(10%)**	**-1.53**			
Total Bill (less OCEB)			**13.44**			**13.75**	**0.31**	**2.33%**	

Mitigation Measures

NOTL submits that bill impact mitigation measures are not required for any of the classes.

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