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Newmarket-Tay Power Distribution Ltd.

March 12, 2018

Ontario Energy Board
2300 Yonge Street
P.O. Box 2319
Suite 2700
Toronto, ON
M4P 1E4

**Attention: Ms. Kirsten Walli
Board Secretary**

Dear Ms. Walli:

**Re: Newmarket-Tay Power Distribution Ltd.
2018 IRM Distribution Rate Application, OEB Case No. EB-2017-0062**

Newmarket – Tay Power Distribution Ltd. (“NT Power”) submitted a reply submission in the matter of its 2018 IRM application EB-2017-0062 (the “2018 IRM”) on March 2, 2018. Subsequent to that submission, an error was identified for some Account 1576 rate riders to clear the 2016 account balance on an interim basis within the application. The same error exists in the Decision and Rate Order effective May 1, 2017 in respect of NT Power’s 2017 IRM application, EB-2016-0275 (the “2017 IRM”).

This letter describes the error and respectfully submits a proposal to correct it as part of the subject application.

Background

Effective January 1, 2012, NT Power adopted IFRS, implemented updated asset useful lives and recorded the financial differences in Account 1576. The OEB approved a one year interim clearance in the 2017 IRM of the 2012 to 2015 accumulated Account 1576 balance. NT Power is proposing a one-year interim clearance of the Account 1576 2016 balance in the 2018 IRM. The 2017 IRM contained an error in some of the rate riders calculated for the Account 1576 balance clearance. The 2018 IRM as submitted contains this same error.

The Rate Rider Error

The error is caused by dividing the annual kW and kWh allocators by 12 to derive the \$/kW and \$/kWh rate riders.

The residential rate rider was correctly calculated in the 2017 and 2018 IRMs. The residential allocator is a monthly billing determinant. The residential rate rider is correctly calculated by dividing the allocator by 12.

The appendixes and tables describing the Account 1576 rate rider within the 2018 IRM can be found at pages 27 to 29 of that application; and in the 2017 IRM at pages 11 and 12.

The error causes an underachievement of the rate riders in the general service, streetlighting, unmetered scattered load and sentinel light classifications. The net effect of underachievement is a shortfall in the Account 1576 balance clearance amount.

Proposed Correction Within the 2018 IRM

NT Power is proposing revised Account 1576 rate riders be approved in the 2018 IRM to refund to applicable customers the estimated 2017 IRM Account 1576 clearance shortfall and refund to all customers the 2016 Account 1576 balance. NT Power is proposing to do this by using:

- a) corrected kW and kWh allocators
- b) 2017 Account 1576 clearance shortfall by customer class
- c) 2016 Account 1576 balance; and
- d) 2016 billing determinants to derive the rate riders

This is shown in Table A:

Table A Proposed 2018 IRM Account 1576 Rate Rider Allocation by Customer Class

Customer Class	Units of Measure	Frequency of Allocator	2016 Allocator	Allocation of Account 1576 (2016)	Estimated 2017 Clearance Shortfall (2012-2015)	Total Allocation of Account 1576	Proposed Corrected 1576 Rate Rider	Occurrence of Allocator	Verification
Residential	# of customers	Monthly	31,945	\$ 673,707	\$ -	\$ 673,707	\$ 1.7575	12	\$ 673,707
GS <50 kW	kWh	Annual	87,282,578	\$ 219,452	\$ 828,110	\$ 1,047,563	\$ 0.0120	1	\$ 1,047,563
GS >50 kW	kW	Annual	701,463	\$ 692,424	\$ 2,488,827	\$ 3,181,252	\$ 4.5352	1	\$ 3,181,252
USL	kWh	Annual	275,297	\$ 692	\$ 2,933	\$ 3,625	\$ 0.0132	1	\$ 3,625
Sentinel Lighting	kW	Annual	798	\$ 723	\$ 2,569	\$ 3,292	\$ 4.1248	1	\$ 3,292
Street Lighting	kW	Annual	7,341	\$ 6,747	\$ 31,309	\$ 38,055	\$ 5.1838	1	\$ 38,055
Total				\$ 1,593,745	\$ 3,353,748	\$ 4,947,493			\$ 4,947,493

USL= Unmetered Scattered Load

NT Power has estimated the 2017 IRM Account 1576 clearance shortfall amounts by customer class through analyzing the current amount refunded to customers and extrapolating to April 30, 2018. The 'Shortfall by Customer Class' in Table B below is the estimated Account 1576 balance clearance shortfall.

The 'Verification' calculation column within the table is a cross check of the rate riders, allocators, and occurrence of allocator values.

Table B 2017 IRM Account 1576 Estimated Clearance Shortfall by Customer Class

Customer Class	Units of Measure	Frequency of Allocator	2013 Allocator	Allocation of Account 1576	Account 1576 Rate Rider	Occurrence of Allocator	Verification	Shortfall by Customer Class	Corrected 1576 Rider	Corrected vs Submitted
Residential	# of customers	Monthly	31,620	\$ 2,723,652	\$ 7.1781	12	\$ 2,723,652	\$ -	\$ 7.1781	\$ -
GS <50 kW	kWh	Annual	92,196,807	\$ 903,393	\$ 0.0008	1	\$ 75,283	\$ 828,110	\$ 0.0098	\$ 0.0090
GS >50 kW	kW	Annual	699,724	\$ 2,715,084	\$ 0.3234	1	\$ 226,257	\$ 2,488,827	\$ 3.8802	\$ 3.5569
USL	kWh	Annual	326,520	\$ 3,199	\$ 0.0008	1	\$ 267	\$ 2,933	\$ 0.0098	\$ 0.0090
Sentinel Lighting	kW	Annual	820	\$ 2,803	\$ 0.2848	1	\$ 234	\$ 2,569	\$ 3.4177	\$ 3.1329
Street Lighting	kW	Annual	14,476	\$ 34,155	\$ 0.1966	1	\$ 2,846	\$ 31,309	\$ 2.3594	\$ 2.1628
Total				\$ 6,382,286			\$ 3,028,538	\$ 3,353,748		

USL= Unmetered Scattered Load

NT Power has also projected the 2018 IRM Account 1576 clearance shortfall using the rate riders contained within the application. This is shown in Table C. A 'Verification' calculation column is included.

Table C 2018 IRM Account 1576 Projected Clearance Shortfall by Customer Class

Customer Class	Units of Measure	Frequency of Allocator	2016 Allocator	Allocation of Account 1576	Submitted IRM Tariff 1576 Rate Rider	Occurrence of Allocator	Verification	Shortfall by Customer Class	Corrected 1576 Rider	Corrected vs Tariff
Residential	# of customers	Monthly	31,945	\$ 673,707	\$ 1.7575	12	\$ 673,707	\$ -	\$ 1.7575	\$ -
GS <50 kW	kWh	Annual	87,282,578	\$ 219,452	\$ 0.0002	1	\$ 18,288	\$ 201,165	\$ 0.0025	\$ 0.0023
GS >50 kW	kW	Annual	701,463	\$ 692,424	\$ 0.0823	1	\$ 57,702	\$ 634,722	\$ 0.9871	\$ 0.9049
USL	kWh	Annual	275,297	\$ 692	\$ 0.0002	1	\$ 58	\$ 634	\$ 0.0025	\$ 0.0023
Sentinel Lighting	kW	Annual	798	\$ 723	\$ 0.0755	1	\$ 60	\$ 662	\$ 0.9055	\$ 0.8301
Street Lighting	kW	Annual	7,341	\$ 6,747	\$ 0.0766	1	\$ 562	\$ 6,185	\$ 0.9190	\$ 0.8424
Total				\$ 1,593,745			\$ 750,377	\$ 843,368		

USL= Unmetered Scattered Load

Proposed 2018 IRM Account 1576 Rate Riders by Customer Class

NT Power proposes that the Account 1576 rate riders submitted in the 2018 IRM be revised and calculated using:

- a) corrected kW and kWh allocators
- b) 2017 Account 1576 refund shortfall of \$3,353,748 (Table B); and
- c) 2016 Account 1576 balance of \$1,593,745 (Table C) for a total of \$4,947,493

Table D below summarizes the proposed 2018 IRM Account 1576 rate riders by customer class for interim clearance of both balances over a one-year period.

Table D Summary of Revised Proposed Account 1576 Rate Riders

Customer Class	Total Allocation of Account 1576	Proposed 1576 Rate Rider	Monthly Billing Units
Residential	\$ 673,707	\$ 1.7575	\$/customers
GS <50 kW	\$ 1,047,563	\$ 0.0120	\$/kWh
GS >50 kW	\$ 3,181,252	\$ 4.5352	\$/kW
Unmetered Scattered Load	\$ 3,625	\$ 0.0132	\$/kWh
Sentinel Lighting	\$ 3,292	\$ 4.1248	\$/kW
Street Lighting	\$ 38,055	\$ 5.1838	\$/kW
Total	\$ 4,947,493		

Bill Impacts

The bill impacts of the proposed correction are summarized below in Table E and show the effect of both including and excluding the Account 1576 Rate Rider.

Table E Billing Impacts With and Without 1576 Rate Rider

Customer Class	Consumption/ Demand	Billing Determinant	Without 1576 Rate Rider		With 1576 Rate Rider	
			Impact (\$)	Impact (%)	Impact (\$)	Impact (%)
Residential	242	kWh	\$ 1.39	2.68%	\$7.08	16.03%
Residential	750	kWh	-\$ 2.91	-2.61%	-\$2.79	-2.69%
GS <50 kW	2000	kWh	\$ 0.35	0.12%	-\$23.16	-7.63%
GS >50 kW	500	kW	-\$ 853.58	-2.17%	-\$3,233.25	-8.24%
Unmetered Scattered Load	200	kWh	-\$ 1.20	-4.04%	-\$4.00	-13.59%
Sentinel Lighting	1	kW	-\$ 2.09	-2.97%	-\$6.44	-9.19%
Street Lighting	1000	kW	\$9,533.49	10.65%	\$3,897.96	4.37%

The bill impacts without the 1576 rate rider cited in the above table is referenced from the 2018 IRM Rate Generator Model, tab '20. Bill Impacts'. The bill impacts with the proposed revision to the 1576 rate rider is sourced from the Revised Appendix 4: Bill Impacts with 1576. The revised Account 1576 rate rider proposes a positive bill impact for all customer classes with the exception of streetlighting, based on the average consumption/ demand.

An updated submission of the 'Revised Appendix 4: Bill Impacts with 1576' is attached and submitted in live excel format via RESS.

All of which is respectfully submitted,

[Original Signed by]

Michelle Reesor

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Revised Appendix 4: Bill Impacts with 1576

Submitted in Live Excel Format

Newmarket – Tay Power Distribution Ltd.
EB-2017-0062
Revised Appendix 4: Bill Impacts with 1576

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	242	kWh
Demand	-	kW
Current Loss Factor	1.0383	
Proposed/Approved Loss Factor	1.0383	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 21.25	1	\$ 21.25	\$ 24.52	1	\$ 24.52	\$ 3.27	15.39%
Distribution Volumetric Rate	\$ 0.0075	242	\$ 1.82	\$ 0.0038	242	\$ 0.92	-\$ 0.90	-49.33%
Fixed Rate Riders	-\$ 0.06	1	-\$ 0.06	-\$ 0.06	1	-\$ 0.06	\$ -	0.00%
Volumetric Rate Riders	\$ -	242	\$ -	\$ 0.0010	242	\$ 0.25	\$ 0.25	
Volumetric Rate Riders-1576 Rate Adder	\$ -	1	-\$ 7.18		1	-\$ 1.76	\$ 5.42	-75.52%
Sub-Total A (excluding pass through)			\$ 15.83			\$ 23.87	\$ 8.05	50.85%
Line Losses on Cost of Power	\$ 0.0822	9	\$ 0.76	\$ 0.0822	9	\$ 0.76	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	242	\$ -	-\$ 0.0058	242	-\$ 1.40	-\$ 1.40	
CBR Class B Rate Riders	\$ -	242	\$ -	\$ -	242	\$ -	\$ -	
GA Rate Riders	\$ -	242	\$ -	\$ -	242	\$ -	\$ -	
Low Voltage Service Charge	\$ -	242	\$ -		242	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ 0.79	1	\$ 0.79	\$ 0.79	1	\$ 0.79	\$ -	0.00%
Additional Volumetric Rate Riders (Sheet 18)		242	\$ -	\$ -	242	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 17.38			\$ 24.02	\$ 6.64	38.24%
RTSR - Network	\$ 0.0078	251	\$ 1.96	\$ 0.0080	251	\$ 2.01	\$ 0.05	2.56%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0065	251	\$ 1.63	\$ 0.0067	251	\$ 1.68	\$ 0.05	3.08%
Sub-Total C - Delivery (including Sub-Total B)			\$ 20.97			\$ 27.71	\$ 6.74	32.16%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	251	\$ 0.90	\$ 0.0036	251	\$ 0.90	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	251	\$ 0.08	\$ 0.0003	251	\$ 0.08	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)						\$ -		
TOU - Off Peak	\$ 0.0650	157	\$ 10.22	\$ 0.0650	157	\$ 10.22	\$ -	0.00%
TOU - Mid Peak	\$ 0.0950	41	\$ 3.91	\$ 0.0950	41	\$ 3.91	\$ -	0.00%
TOU - On Peak	\$ 0.1320	44	\$ 5.75	\$ 0.1320	44	\$ 5.75	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 42.08			\$ 48.83	\$ 6.74	16.03%
HST	13%		\$ 5.47	13%		\$ 6.35	\$ 0.88	16.03%
8% Rebate	8%		-\$ 3.37	8%		-\$ 3.91	-\$ 0.54	
Total Bill on TOU			\$ 44.19			\$ 51.27	\$ 7.08	16.03%

Newmarket – Tay Power Distribution Ltd.
EB-2017-0062
Revised Appendix 4: Bill Impacts with 1576

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0383	
Proposed/Approved Loss Factor	1.0383	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 21.25	1	\$ 21.25	\$ 24.52	1	\$ 24.52	\$ 3.27	15.39%
Distribution Volumetric Rate	\$ 0.0075	750	\$ 5.63	\$ 0.0038	750	\$ 2.85	-\$ 2.78	-49.33%
Fixed Rate Riders	-\$ 0.06	1	-\$ 0.06	-\$ 0.06	1	-\$ 0.06	\$ -	0.00%
Volumetric Rate Riders	\$ -	750	\$ -	\$ 0.0010	750	\$ 0.78	\$ 0.78	
Volumetric Rate Riders-1576 Rate Adder	\$ -	1	-\$ 7.18		1	-\$ 1.76	\$ 5.42	-75.52%
Sub-Total A (excluding pass through)			\$ 19.64			\$ 26.33	\$ 6.69	34.09%
Line Losses on Cost of Power	\$ 0.0822	29	\$ 2.36	\$ 0.0822	29	\$ 2.36	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	750	\$ -	-\$ 0.0058	750	-\$ 4.35	-\$ 4.35	
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ -	750	\$ -		750	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ 0.79	1	\$ 0.79	\$ 0.79	1	\$ 0.79	\$ -	0.00%
Additional Volumetric Rate Riders (Sheet 18)		750	\$ -	\$ -	750	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 22.79			\$ 25.13	\$ 2.34	10.29%
RTSR - Network	\$ 0.0078	779	\$ 6.07	\$ 0.0080	779	\$ 6.23	\$ 0.16	2.56%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0065	779	\$ 5.06	\$ 0.0067	779	\$ 5.22	\$ 0.16	3.08%
Sub-Total C - Delivery (including Sub-Total B)			\$ 33.92			\$ 36.58	\$ 2.66	7.83%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	779	\$ 2.80	\$ 0.0036	779	\$ 2.80	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	779	\$ 0.23	\$ 0.0003	779	\$ 0.23	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)						\$ -		
TOU - Off Peak	\$ 0.0650	488	\$ 31.69	\$ 0.0650	488	\$ 31.69	\$ -	0.00%
TOU - Mid Peak	\$ 0.0950	128	\$ 12.11	\$ 0.0950	128	\$ 12.11	\$ -	0.00%
TOU - On Peak	\$ 0.1320	135	\$ 17.82	\$ 0.1320	135	\$ 17.82	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 98.83			\$ 101.48	\$ 2.66	2.69%
HST	13%		\$ 12.85	13%		\$ 13.19	\$ 0.35	2.69%
8% Rebate	8%		-\$ 7.91	8%		-\$ 8.12	-\$ 0.21	
Total Bill on TOU			\$ 103.77			\$ 106.56	-\$ 2.79	-2.69%

Customer Class:	GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0383	
Proposed/Approved Loss Factor	1.0383	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 30.55	1	\$ 30.55	\$ 30.95	1	\$ 30.95	\$ 0.40	1.31%
Distribution Volumetric Rate	\$ 0.0200	2,000	\$ 40.00	\$ 0.0203	2,000	\$ 40.60	\$ 0.60	1.50%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	-\$ 0.0001	2,000	-\$ 0.20	\$ 0.0052	2,000	\$ 10.32	\$ 10.52	-5261.99%
Volumetric Rate Riders-1576 Rate Adder	-\$ 0.0008	2,000	-\$ 1.60	-\$ 0.0120	2,000	-\$ 24.00	-\$ 22.40	1400.00%
Sub-Total A (excluding pass through)			\$ 68.75			\$ 57.87	\$ (10.88)	-15.82%
Line Losses on Cost of Power	\$ 0.0822	77	\$ 6.29	\$ 0.0822	77	\$ 6.29	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	2,000	\$ -	-\$ 0.0058	2,000	-\$ 11.60	\$ (11.60)	
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ 0.79	1	\$ 0.79	\$ 0.79	1	\$ 0.79	\$ -	0.00%
Additional Volumetric Rate Riders (Sheet 18)		2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 75.83			\$ 53.36	\$ (22.48)	-29.64%
RTSR - Network	\$ 0.0071	2,077	\$ 14.74	\$ 0.0072	2,077	\$ 14.95	\$ 0.21	1.41%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0058	2,077	\$ 12.04	\$ 0.0059	2,077	\$ 12.25	\$ 0.21	1.72%
Sub-Total C - Delivery (including Sub-Total B)			\$ 102.62			\$ 80.56	\$ (22.06)	-21.50%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,077	\$ 7.48	\$ 0.0036	2,077	\$ 7.48	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	2,077	\$ 0.62	\$ 0.0003	2,077	\$ 0.62	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	2,000	\$ 14.00	\$ 0.0070	2,000	\$ 14.00	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	1,300	\$ 84.50	\$ 0.0650	1,300	\$ 84.50	\$ -	0.00%
TOU - Mid Peak	\$ 0.0950	340	\$ 32.30	\$ 0.0950	340	\$ 32.30	\$ -	0.00%
TOU - On Peak	\$ 0.1320	360	\$ 47.52	\$ 0.1320	360	\$ 47.52	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 289.29			\$ 267.23	\$ (22.06)	-7.63%
HST		13%	\$ 37.61		13%	\$ 34.74	\$ (2.87)	-7.63%
8% Rebate		8%	\$ (23.14)		8%	\$ (21.38)	\$ 1.76	
Total Bill on TOU			\$ 303.75			\$ 280.59	\$ (23.16)	-7.63%

Newmarket – Tay Power Distribution Ltd.
EB-2017-0062
Revised Appendix 4: Bill Impacts with 1576

Customer Class:	GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	237,500	kWh
Demand	500	kW
Current Loss Factor	1.0383	
Proposed/Approved Loss Factor	1.0383	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 138.54	1	\$ 138.54	\$ 140.34	1	\$ 140.34	\$ 1.80	1.30%
Distribution Volumetric Rate	\$ 4.7791	500	\$ 2,389.55	\$ 4.8412	500	\$ 2,420.60	\$ 31.05	1.30%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	-\$ 0.0146	500	-\$ 7.30	\$ 0.5347	500	\$ 267.37	\$ 274.67	-3762.61%
Volumetric Rate Riders-1576 Rate Adder	-\$ 0.3234	500	-\$ 161.70	-\$ 4.5352	500	-\$ 2,267.60	-\$ 2,105.90	1302.35%
Sub-Total A (excluding pass through)			\$ 2,359.09			\$ 560.71	\$ (1,798.38)	-76.23%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	500	\$ -	-\$ 2.2429	500	-\$ 1,121.45	\$ (1,121.45)	
CBR Class B Rate Riders	\$ -	500	\$ -	\$ -	500	\$ -	\$ -	
GA Rate Riders	\$ -	237,500	\$ -	\$ -	237,500	\$ -	\$ -	
Low Voltage Service Charge	\$ -	500	\$ -	\$ -	500	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders (Sheet 18)		500	\$ -	\$ -	500	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 2,359.09			-\$ 560.74	\$ (2,919.83)	-123.77%
RTSR - Network	\$ 2.8760	500	\$ 1,438.00	\$ 2.9350	500	\$ 1,467.50	\$ 29.50	2.05%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.2806	500	\$ 1,140.30	\$ 2.3387	500	\$ 1,169.35	\$ 29.05	2.55%
Sub-Total C - Delivery (including Sub-Total B)			\$ 4,937.39			\$ 2,076.11	\$ (2,861.28)	-57.95%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	246,596	\$ 887.75	\$ 0.0036	246,596	\$ 887.75	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	246,596	\$ 73.98	\$ 0.0003	246,596	\$ 73.98	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	237,500	\$ 1,662.50	\$ 0.0070	237,500	\$ 1,662.50	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	246,596	\$ 27,150.25	\$ 0.1101	246,596	\$ 27,150.25	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 34,712.11			\$ 31,850.83	\$ (2,861.28)	-8.24%
HST	13%		\$ 4,512.57	13%		\$ 4,140.61	\$ (371.97)	-8.24%
Total Bill on Average IESO Wholesale Market Price			\$ 39,224.69			\$ 35,991.44	\$ (3,233.25)	-8.24%

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	200	kWh
Demand	-	kW
Current Loss Factor	1.0383	
Proposed/Approved Loss Factor	1.0383	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 17.64		\$ -	\$ 17.87	0	\$ -	\$ -	
Distribution Volumetric Rate	\$ 0.0203	200	\$ 4.06	\$ 0.0206	200	\$ 4.12	\$ 0.06	1.48%
Fixed Rate Riders	\$ -		\$ -	\$ -	0	\$ -	\$ -	
Volumetric Rate Riders	-\$ 0.0002	200	-\$ 0.04	-\$ 0.0002	200	-\$ 0.04	\$ -	0.00%
Volumetric Rate Riders-1576 Rate Adder	-\$ 0.0008	200	-\$ 0.16	-\$ 0.0132	200	-\$ 2.64	\$ 2.48	1550.00%
Sub-Total A (excluding pass through)			\$ 3.86			\$ 1.44	\$ (2.42)	-62.69%
Line Losses on Cost of Power	\$ 0.0822	8	\$ 0.63	\$ 0.0822	8	\$ 0.63	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	200	\$ -	-\$ 0.0058	200	-\$ 1.16	\$ (1.16)	
CBR Class B Rate Riders	\$ -	200	\$ -	\$ -	200	\$ -	\$ -	
GA Rate Riders	\$ -	200	\$ -	\$ -	200	\$ -	\$ -	
Low Voltage Service Charge	\$ -	200	\$ -	\$ -	200	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders (Sheet 18)		200	\$ -	\$ -	200	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 4.49			\$ 0.91	\$ (3.58)	-79.74%
RTSR - Network	\$ 0.0070	208	\$ 1.45	\$ 0.0071	208	\$ 1.47	\$ 0.02	1.43%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0058	208	\$ 1.20	\$ 0.0059	208	\$ 1.23	\$ 0.02	1.72%
Sub-Total C - Delivery (including Sub-Total B)			\$ 7.15			\$ 3.61	\$ (3.54)	-49.51%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	208	\$ 0.75	\$ 0.0036	208	\$ 0.75	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	208	\$ 0.06	\$ 0.0003	208	\$ 0.06	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	200	\$ 1.40	\$ 0.0070	200	\$ 1.40	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	130	\$ 8.45	\$ 0.0650	130	\$ 8.45	\$ -	0.00%
TOU - Mid Peak	\$ 0.0950	34	\$ 3.23	\$ 0.0950	34	\$ 3.23	\$ -	0.00%
TOU - On Peak	\$ 0.1320	36	\$ 4.75	\$ 0.1320	36	\$ 4.75	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 26.04			\$ 22.50	\$ (3.54)	-13.59%
HST	13%		\$ 3.39	13%		\$ 2.93	\$ (0.46)	-13.59%
Total Bill on TOU			\$ 29.42			\$ 25.43	\$ (4.00)	-13.59%

Newmarket – Tay Power Distribution Ltd.
EB-2017-0062
Revised Appendix 4: Bill Impacts with 1576

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	475	kWh
Demand	1	kW
Current Loss Factor	1.0383	
Proposed/Approved Loss Factor	1.0383	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 3.25		\$ -	\$ 3.29	0	\$ -	\$ -	
Distribution Volumetric Rate	\$12.4522	1	\$ 12.45	\$12.6141	1	\$ 12.61	\$ 0.16	1.30%
Fixed Rate Riders	\$ -		\$ -	\$ -	0	\$ -	\$ -	
Volumetric Rate Riders	-\$ 0.0777	1	-\$ 0.08	-\$ 0.0777	1	-\$ 0.08	\$ -	0.00%
Volumetric Rate Riders-1576 Rate Adder	-\$ 0.2745	1	-\$ 0.27	-\$ 4.1248	1	-\$ 4.12	-\$ 3.85	1402.66%
Sub-Total A (excluding pass through)			\$ 12.10			\$ 8.41	\$ (3.69)	-30.48%
Line Losses on Cost of Power	\$ 0.0822	18	\$ 1.49	\$ 0.0822	18	\$ 1.49	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	1	\$ -	-\$ 2.1051	1	-\$ 2.11	\$ (2.11)	
CBR Class B Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
GA Rate Riders	\$ -	475	\$ -	\$ -	475	\$ -	\$ -	
Low Voltage Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders (Sheet 18)		1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 13.59			\$ 7.80	\$ (5.79)	-42.62%
RTSR - Network	\$ 2.1699	1	\$ 2.17	\$ 2.2144	1	\$ 2.21	\$ 0.04	2.05%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.7994	1	\$ 1.80	\$ 1.8452	1	\$ 1.85	\$ 0.05	2.55%
Sub-Total C - Delivery (including Sub-Total B)			\$ 17.56			\$ 11.86	\$ (5.70)	-32.47%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	493	\$ 1.78	\$ 0.0036	493	\$ 1.78	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	493	\$ 0.15	\$ 0.0003	493	\$ 0.15	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	475	\$ 3.33	\$ 0.0070	475	\$ 3.33	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	309	\$ 20.07	\$ 0.0650	309	\$ 20.07	\$ -	0.00%
TOU - Mid Peak	\$ 0.0950	81	\$ 7.67	\$ 0.0950	81	\$ 7.67	\$ -	0.00%
TOU - On Peak	\$ 0.1320	86	\$ 11.29	\$ 0.1320	86	\$ 11.29	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 62.09			\$ 56.39	\$ (5.70)	-9.19%
HST	13%		\$ 8.07	13%		\$ 7.33	\$ (0.74)	-9.19%
Total Bill on TOU			\$ 70.16			\$ 63.72	\$ (6.44)	-9.19%

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	474,500	kWh
Demand	1,000	kW
Current Loss Factor	1.0383	
Proposed/Approved Loss Factor	1.0383	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 3.19		\$ -	\$ 3.23	0	\$ -	\$ -	
Distribution Volumetric Rate	\$15.8699	1000	\$ 15,869.90	\$16.0762	1000	\$ 16,076.20	\$ 206.30	1.30%
Fixed Rate Riders	\$ -		\$ -	\$ -	0	\$ -	\$ -	
Volumetric Rate Riders	-\$ 0.0901	1000	-\$ 90.10	\$10.1870	1000	\$ 10,187.02	\$ 10,277.12	-11406.35%
Volumetric Rate Riders-1576 Rate Adder	-\$ 0.1966	1000	-\$ 196.60	-\$ 5.1838	1000	-\$ 5,183.80	-\$ 4,987.20	2536.72%
Sub-Total A (excluding pass through)			\$ 15,583.20			\$ 21,079.42	\$ 5,496.22	35.27%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	1,000	\$ -	-\$ 2.1365	1,000	-\$ 2,136.50	\$ (2,136.50)	
CBR Class B Rate Riders	\$ -	1,000	\$ -	\$ -	1,000	\$ -	\$ -	
GA Rate Riders	\$ -	474,500	\$ -	\$ -	474,500	\$ -	\$ -	
Low Voltage Service Charge	\$ -	1,000	\$ -	\$ -	1,000	\$ -	\$ -	
Smart Meter Entity Charge (if applicable) and/or any fixed (\$) Deferral/Variance Account Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders (Sheet 18)		1,000	\$ -	\$ -	1,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 15,583.20			\$ 18,942.92	\$ 3,359.72	21.56%
RTSR - Network	\$ 2.1899	1,000	\$ 2,189.90	\$ 2.2348	1,000	\$ 2,234.80	\$ 44.90	2.05%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.7611	1,000	\$ 1,761.10	\$ 1.8060	1,000	\$ 1,806.00	\$ 44.90	2.55%
Sub-Total C - Delivery (including Sub-Total B)			\$ 19,534.20			\$ 22,983.72	\$ 3,449.52	17.66%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	492,673	\$ 1,773.62	\$ 0.0036	492,673	\$ 1,773.62	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	492,673	\$ 147.80	\$ 0.0003	492,673	\$ 147.80	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	474,500	\$ 3,321.50	\$ 0.0070	474,500	\$ 3,321.50	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	492,673	\$ 54,243.34	\$ 0.1101	492,673	\$ 54,243.34	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 79,020.71			\$ 82,470.23	\$ 3,449.52	4.37%
HST	13%		\$ 10,272.69	13%		\$ 10,721.13	\$ 448.44	4.37%
Total Bill on Average IESO Wholesale Market Price			\$ 89,293.40			\$ 93,191.36	\$ 3,897.96	4.37%