Exhibit 8:

RATE DESIGN

Exhibit 8: Rate Design

Tab 1 (of 4): Existing Rates

OVERVIEW OF EXISTING RATES

This exhibit addresses Rate Design matters for the 2013TY. Tab 1 describes existing distribution rates. Tab 2 discusses proposed changes to distribution rates. Tab 3 discusses Retail Transmission Service Rates and Loss Adjustment Factors. Tab 4 discusses the Bill Impact information and the Proposed Rate Schedule for the 2013TY.

EXISTING RATES

THI's current Rate Schedule is provided at E8/T1/S1/Att1. Those rates were approved by the Board by a decision issued April 19, 2012 (EB-2011-0198).

The next table summarizes the revenues THI would collect from the fixed and the variable portion of existing rates in the 2013TY, net of any rate adders or riders but includes the Transformer Allowance. The full details of the calculation are provided at E8/T1/S1/Att2.

Table 1: Fixed and Variable Portion Collected from Existing Rates

Customer Class Name	Fixed Rate	Variable Rate		Fixed	Variable
Residential	$9.91	$0.0169	/kWh	46.10%	53.90%
GS < 50 kW	$25.07	$0.0152	/kWh	37.07%	62.93%
GS > 50 to 499 kW	$129.43	$1.7010	/kW	39.22%	60.78%
GS > 500 to 1499 kW	$1,352.34	$0.9187	/kW	82.20%	17.80%
GS > 1,500 kW	$1,915.17	$3.7991	/kW	16.92%	83.08%
USL	$14.75	$0.0290	/kWh	46.99%	53.01%
Sentinel	$1.01	$10.6876	/kW	32.36%	67.64%
Street Lighting	$1,700.59	$12.0665	/kW	30.98%	69.02%

EB-2012-0168

Exhibit 8

Tab 1

Schedule 1

Attachment 1

Current Rate Schedule

Appendix A

To Decision and Order

Draft Tariff of Rates and Charges

Board File No: EB-2011-0198

DATED: April 19, 2012

Tillsonburg Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2011-0198

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account in one of three categories of residential services: single-family or single-unit homes, multi-family buildings, and subdivision developments. Further servicing details are available in Tillsonburg Hydro's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	9.91
Distribution Volumetric Rate	$/kWh	0.0169
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery (2012) – effective until April 30, 2013	$/kWh	0.0004
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2013	$/kWh	(0.0020)
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2013 Applicable only for Non-RPP Customers	$/kWh	(0.0023)
Retail Transmission Rate – Network Service Rate	$/kWh	0.0068
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kWh	0.0051

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

Tillsonburg Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2011-0198

GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in Tillsonburg Hydro's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	25.07
Distribution Volumetric Rate	$/kWh	0.0152
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery (2012) – effective until April 30, 2013	$/kWh	0.0002
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2013	$/kWh	(0.0015)
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2013 Applicable only for Non-RPP Customers	$/kWh	(0.0023)
Retail Transmission Rate – Network Service Rate	$/kWh	0.0061
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kWh	0.0046

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

Tillsonburg Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2011-0198

GENERAL SERVICE 50 to 499 kW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 500 kW. Further servicing details are available in Tillsonburg Hydro's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	129.43
Distribution Volumetric Rate	$/kW	1.7010
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery (2012) – effective until April 30, 2013	$/kW	0.0341
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2013	$/kW	(0.2069)
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2013 Applicable only for Non-RPP Customers	$/kW	(0.8227)
Retail Transmission Rate – Network Service Rate	$/kW	2.3557
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	1.7945

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

Tillsonburg Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2011-0198

GENERAL SERVICE 500 to 1,499 kW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 500 kW but less than 1,500 kW. Further servicing details are available in Tillsonburg Hydro's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	1,352.34
Distribution Volumetric Rate	$/kW	0.9187
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery (2012) – effective until April 30, 2013	$/kW	0.0229
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2013	$/kW	(0.2541)
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2013 Applicable only for Non-RPP Customers	$/kW	(1.0757)
Retail Transmission Rate – Network Service Rate – Interval Metered	$/kW	3.0870
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	$/kW	2.4454

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

Tillsonburg Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2011-0198

GENERAL SERVICE EQUAL TO OR GREATER THAN 1,500 kW

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 1,500 kW. Further servicing details are available in Tillsonburg Hydro's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	1,915.17
Distribution Volumetric Rate	$/kW	3.7991
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2013	$/kW	(0.3347)
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2013 Applicable only for Non-RPP Customers	$/kW	(1.2116)
Retail Transmission Rate – Network Service Rate – Interval Metered	$/kW	3.0870
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	$/kW	2.4454

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

Tillsonburg Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2012

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EB-2011-0198

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Further servicing details are available in Tillsonburg Hydro's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	$	14.75
Distribution Volumetric Rate	$/kWh	0.0290
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2013	$/kWh	(0.0023)
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2013 Applicable only for Non-RPP Customers	$/kWh	(0.0023)
Retail Transmission Rate – Network Service Rate	$/kWh	0.0061
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kWh	0.0046

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

Tillsonburg Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2011-0198

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Further servicing details are available in Tillsonburg Hydro's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	$	1.01
Distribution Volumetric Rate	$/kW	10.6876
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2013	$/kW	(0.9740)
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2013 Applicable only for Non-RPP Customers	$/kW	(0.8424)
Retail Transmission Rate – Network Service Rate	$/kW	1.9396
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	1.4782

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

Tillsonburg Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2011-0198

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. Further servicing details are available in Tillsonburg Hydro's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per customer)	$	1,700.59
Distribution Volumetric Rate	$/kW	12.0665
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2013	$/kW	(1.0989)
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2013 Applicable only to Non-RPP Customers	$/kW	(0.8092)
Retail Transmission Rate – Network Service Rate	$/kW	1.9347
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	1.4744

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

Tillsonburg Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2011-0198

microFIT GENERATOR SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's microFIT program and connected to the distributor's distribution system. Further servicing details are available in Tillsonburg Hydro's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	5.25

Tillsonburg Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2012

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EB-2011-0198

ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	$/kW	(0.60)
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	(1.00)

SPECIFIC SERVICE CHARGES

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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Customer Administration		
Returned Cheque (plus bank charges)	$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	$	30.00
Special Meter Reads	$	30.00
Non-Payment of Account		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge – no disconnection	$	30.00
Disconnect/Reconnect Charge at Meter - During Regular Hours	$	65.00
Disconnect/Reconnect Charge at Meter - After Regular Hours	$	185.00
Disconnect/Reconnect Charge at Pole – During Regular Hours	$	185.00
Install/Remove Load Control Device – After Regular Hours	$	185.00
Service Call – After Regular Hours	$	165.00
Specific Charge for Access to the Power Poles – per pole/year	$	22.35

Tillsonburg Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2011-0198

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	$	100.00
Monthly Fixed Charge, per retailer	$	20.00
Monthly Variable Charge, per customer, per retailer	$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	$	0.25
Processing fee, per request, applied to the requesting party	$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	$	no charge
More than twice a year, per request (plus incremental delivery costs)	$	2.00

LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0420
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0320

EB-2012-0168

Exhibit 8

Tab 1

Schedule 1

Attachment 2

Existing Rates in the 2013 Test Year

Tillsonburg Hydro Inc. (ED-2003-0026)

2013 EDR Application (EB-2012-0168) version: 1

August 31, 2012

C3 Revenue from Current Distribution Charges

Rates from sheet A4; Volumes from sheet C1

Enter projected volumes for Transformer Allowance

Customer Class Name	2013 PROJECTED REVENUE FROM EXISTING VARIABLE CHARGES							
	Variable Distribution Rate	per	Volume	Gross Variable Revenue	Transform. Allowance Rate	Transform. Allowance kW's	Transform. Allowance $'s	Net Variable Revenue
Residential	$0.0169	kWh	49,718,289	840,239	$0.00		0	840,239
General Service < 50 kW	$0.0152	kWh	22,374,916	340,099	$0.00		0	340,099
General Service > 50 to 499 kW	$1.7010	kW	115,448	196,377	($0.60)	22,460	(13,476)	182,901
General Service > 500 to 1499 kW	$0.9187	kW	87,241	80,148	($0.60)	80,883	(48,530)	31,619
General Service > 1,500 kW	$3.7991	kW	70,544	268,004	($0.60)	70,403	(42,242)	225,762
Unmetered Scattered Load	$0.0290	kWh	426,840	12,378	$0.00		0	12,378
Sentinel Lighting	$10.6876	kW	301	3,217	($0.60)		0	3,217
Street Lighting	$12.0665	kW	3,767	45,455	($0.60)		0	45,455
TOTAL VARIABLE REVENUE				**1,785,917**		**173,746**	**(104,248)**	**1,681,669**

Customer Class Name	2013 PROJECTED DISTRIBUTION REVENUE AT EXISTING RATES							
	Fixed Rate	Customers (Connections)	Fixed Charge Revenue	Variable Revenue	TOTAL	% Fixed Revenue	% Variable Revenue	% Total Revenue
Residential	$9.9100	6,042	718,515	840,239	1,558,754	46.10%	53.90%	52.96%
General Service < 50 kW	$25.0700	666	200,359	340,099	540,458	37.07%	62.93%	18.36%
General Service > 50 to 499 kW	$129.4300	76	118,040	182,901	300,941	39.22%	60.78%	10.22%
General Service > 500 to 1499 kW	$1,352.3400	9	146,053	31,619	177,671	82.20%	17.80%	6.04%
General Service > 1,500 kW	$1,915.1700	2	45,964	225,762	271,726	16.92%	83.08%	9.23%
Unmetered Scattered Load	$14.7500	62	10,974	12,378	23,352	46.99%	53.01%	0.79%
Sentinel Lighting	$1.0100	127	1,539	3,217	4,756	32.36%	67.64%	0.16%
Street Lighting	$1,700.5900	1	20,407	45,455	65,862	30.98%	69.02%	2.24%
DISTRIBUTION REVENUE			**1,261,851**	**1,681,669**	**2,943,520**	42.87%	57.13%	100.00%

Exhibit 8: Rate Design

Tab 2 (of 4): Proposed Changes to Distribution Rates

OVERVIEW OF FIXED AND VARIABLE CHARGES

PROPOSED RATES

THI's proposed distribution rates are set to recover the 2013 revenue requirement noted at E6/T1/S2 and reflect the proposed revenue to cost ratios presented at E7/T2/S2/Att2. The proposed 2013 Rate Schedule is provided at E8/T4/S3/Att1.

In setting 2013 rates THI endeavored to maintain, to the extent possible, the fixed to variable split of existing rates with the added constraint of not decreasing the monthly fixed charge of any class for revenue stability purposes. Some minor adjustments are however introduced which result in immaterial decreases of the fixed charge for some classes. The next table illustrated the proposed monthly fixed charge for 2013 as well as a comparison of the fixed to variable split of proposed 2013 rates with approved 2012 rates.

Table 2: Proposed Monthly Charge and Fixed and Variable Portion (E7/T2/S2/Att1)

	2012 Approved			2013 Proposed			Change from 2012 Approved	
Customer Class Name	Rate	Fixed	Variable	Rate	Fixed	Variable	Rate	Fixed
Residential	$9.91	46%	54%	$10.00	36%	64%	0.09	0.91%
GS < 50 kW	$25.07	37%	63%	$25.00	32%	68%	-0.07	-0.28%
GS > 50 to 499 kW	$129.43	39%	61%	$130.00	34%	66%	0.57	.44%
GS > 500 to 1499 kW	$1,352.34	82%	18%	$1,352.00	73%	27%	-0.34	-0.03%
GS > 1,500 kW	$1,915.17	17%	83%	$1,915.00	29%	71%	-0.17	-0.01%
USL	$14.75	47%	53%	$7.00	47%	53%	-7.75	-52.5%
Sentinel	$1.01	32%	68%	$2.00	34%	66%	0.99	98.0%
Street Lighting	$1,700.59	31%	69%	$1,700.00	37%	63%	-0.59	-0.03%

For two for the three GS>50 classes, namely GS>50-499 kW and GS>500-1,499 kW, it was not possible to maintain the fixed to variable split of the 2012 approved rate as the fixed charge would have been higher than the 2012 approved rate which are already at the maximum.

Maintaining the split for the GS>1,500 class would have resulted in a lesser fixed charge for that class than the GS50>500-1,499 class and would have also reduced the 2013 monthly charge significantly compared to 2012.

The 2013 monthly fixed charge of the Street Lighting class is maintained to its 2012 level (albeit with a minor adjustment) for revenue stability purposes. Maintaining the 2012 fixed and variable split would, as was the case for the GS>1,500 class, decreased significantly the monthly fixed charge.

Table 3 below provides a comparison of the 2013 proposed rates with the cost allocation floor and ceiling values.

Table 3: Floor and Ceiling of Monthly Fixed Charges (E7/T2/S2/Att1)

Customer Class	Cost Allocation		Existing	Boundary Values		Proposed
	Low	High		Minimum	Maximum	
Residential	7.17	18.65	9.91	7.17	18.65	10.00
GS < 50 kW	20.36	36.87	25.07	20.36	36.87	25.00
GS > 50 to 499 kW	53.43	129.43	129.43	53.43	129.43	130.00
GS > 500 to 1499 kW	83.84	1352.34	1,352.34	83.84	1352.34	1,352.00
GS > 1,500 kW	208.64	1915.17	1,915.17	208.64	1915.17	1,915.00
USL	1.96	14.75	14.75	1.96	14.75	7.00
Sentinel	2.26	10.48	1.01	2.26	10.48	2.00
Street Lighting	1.10	1700.59	1,700.59	1.10	1700.59	1,700.00

RATE RIDERS

THI is proposing adjustments to the Deferral/Variance Account Disposition Rate Rider, the Global Adjustment Disposition Rate Rider, and the LRAM Rate Rider to reflect the balances for disposition in the 2013 Test Year.

THI is also proposing a Stranded Meter Disposition Rider, and a Smart Meter Disposition Rider.

The proposed amounts for each rate rider for each class are provided below and are further discussed at Exhibit 9.

Table 4: 2013 Proposed Rate Riders (E9/T2/S2/Att1)

	Billing	Residential	GS < 50 kW	GS > 50 to 499 kW	GS > 500 to 1499 kW	GS > 1,500 kW	USL	Sentinel Lighting	Street Lighting
Global Adjustment	kWh	$0.0043	$0.0043	$1.4136	1.7099	$2.1647	0.0043	--	1.5938
DVA Disposition	kW	($0.0041)	($0.0041)	($1.3554)	($1.6395)	($2.0757)	($0.0041)	($1.6187)	(1.5282)
LRAM/SSM	kW	$0.0001	$0.0002	$0.1112	--	--	--	--	--
Stranded Meters	kWh	$0.0003	$0.0003	--	--	--	--	--	--
Smart Meter	kWh	$1.2500	$5.7200	--	--	--	--	--	--

EB-2012-0168

Exhibit 8

Tab 2

Schedule 1

Attachment 1

Fixed/Variable Revenue Split

Tillsonburg Hydro Inc. (ED-2003-0026)

2013 EDR Application (EB-2012-0168) version: 1

August 31, 2012

F4 Fixed/Variable Rate Design

Enter the proposed fixed monthly rate for each customer class

	Existing Rates (a)			Cost Allocation - Minimum Fixed Rate (b)			Cost Allocation - Maximun Fixed Rate (b)		
Customer Class Name	**Rate**	**Fixed %**	**Variable %**	**Rate**	**Fixed %**	**Variable %**	**Rate**	**Fixed %**	**Variable %**
Residential	$9.91	46.10%	53.90%	$7.17	25.67%	74.33%	$18.65	66.78%	33.22%
General Service < 50 kW	$25.07	37.07%	62.93%	$20.36	25.67%	74.33%	$36.87	46.49%	53.51%
General Service > 50 to 499 kW	$129.43	39.22%	60.78%	$53.43	13.85%	86.15%	$129.43	33.56%	66.44%
General Service > 500 to 1499 kW	$1,352.34	82.20%	17.80%	$83.84	4.54%	95.46%	$1,352.34	73.30%	26.70%
General Service > 1,500 kW	$1,915.17	16.92%	83.08%	$208.64	3.13%	96.87%	$1,915.17	28.72%	71.28%
Unmetered Scattered Load	$14.75	46.99%	53.01%	$1.96	13.21%	86.79%	$14.75	99.42%	0.58%
Sentinel Lighting	$1.01	32.36%	67.64%	$2.26	38.79%	61.21%	$10.48	179.88%	-79.88%
Street Lighting	$1,700.59	30.98%	69.02%	$1.10	0.02%	99.98%	$1,700.59	37.24%	62.76%
MicroFIT Generators	$5.25	0.00%	0.00%	$0.00	0.00%	0.00%	$5.25		

(a) per sheet C3

(b) Rates per sheet F2; %s based on # customers/connections (sheet C2) and Base Revenue Requirement allocated to class (sheet F3)

	Existing Fixed/Variable Split (c)			Rate Application			Base Revenue Requirement $		
Customer Class Name	**Rate**	**Fixed %**	**Variable %**	**Fixed Rate**	**Fixed %**	**Variable %**	**Total (d)**	**Fixed (e)**	**Variable (f)**
Residential	$12.87	46.10%	53.90%	$10.00	35.81%	64.19%	2,024,778	725,040	1,299,738
General Service < 50 kW	$29.40	37.07%	62.93%	$25.00	31.52%	68.48%	633,892	199,800	434,092
General Service > 50 to 499 kW	$151.28	39.22%	60.78%	$130.00	33.71%	66.29%	351,736	118,560	233,176
General Service > 500 to 1499 kW	$1,516.67	82.20%	17.80%	$1,352.00	73.28%	26.72%	199,261	146,016	53,245
General Service > 1,500 kW	$1,127.82	16.92%	83.08%	$1,915.00	28.72%	71.28%	160,017	45,960	114,057
Unmetered Scattered Load	$6.97	46.99%	53.01%	$7.00	47.18%	52.82%	11,038	5,208	5,830
Sentinel Lighting	$1.89	32.36%	67.64%	$2.00	34.33%	65.67%	8,879	3,048	5,831
Street Lighting	$1,415.09	30.98%	69.02%	$1,700.00	37.22%	62.78%	54,805	20,400	34,405
MicroFIT Generators		0.00%	0.00%	$5.40	0.00%	0.00%	0	0	0
							3,444,405	1,264,032	2,180,373
							104,248		104,248
							3,548,652	1,264,032	2,284,620

(c) %s per Existing Rates, Rate based on Fixed % of Total Base Revenue allocated to class (4) and # (d) per sheet F3

(e) Based on Rate Application Fixed Rate and # customers/connections (sheet C2)

(f) Total amount (d) less Fixed am

	Transf. Allowance ($/kW):		($0.60)	Gross $	Resulting Variable		Existing	Base Revenue $	
Customer Class Name	**kW**	**Rate**	**Total $ (g)**	**Variable (h)**	**Rate (i)**	**per**	**Var. Rate (j)**	**Fixed (k)**	**Gross (l)**
Residential	0	$0.00	0	1,299,738	$0.0261	kWh	$0.0169	725,040	2,024,778
General Service < 50 kW	0	$0.00	0	434,092	$0.0194	kWh	$0.0152	199,800	633,892
General Service > 50 to 499 kW	22,460	$0.60	13,476	246,652	$2.1365	kW	$1.7010	118,560	365,212
General Service > 500 to 1499 kW	80,883	$0.60	48,530	101,775	$1.1666	kW	$0.9187	146,016	247,791
General Service > 1,500 kW	70,403	$0.60	42,242	156,299	$2.2156	kW	$3.7991	45,960	202,259
Unmetered Scattered Load	0	$0.00	0	5,830	$0.0137	kWh	$0.0290	5,208	11,038
Sentinel Lighting	0	$0.00	0	5,831	$19.3715	kW	$10.6876	3,048	8,879

Tillsonburg Hydro Inc. (ED-2003-0026)

2013 EDR Application (EB-2012-0168) version: 1

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F4 Fixed/Variable Rate Design

Enter the proposed fixed monthly rate for each customer class

Street Lighting	0	$0.00	0	34,405	$9.1331	kW	$12.0665	20,400	54,805
MicroFIT Generators	0	$0.00	0	0	$0.0000		$0.0000	0	0

(g) kW volume multiplied by Rate 104,248 *(k) per (e) above*

(h) Variable Base Revenue Requirement (f), plus total Transformer Allowances (g) *(l) Gross Variable amount (h), plus Fixed Base Revenue (k)*

(i) Gross Variable amount $ (h), divided by test year volume (sheet C2)

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Exhibit 8

Tab 2

Schedule 1

Attachment 2

Reconciliation to Base Revenue Requirement

Tillsonburg Hydro Inc. (ED-2003-0026)

2013 EDR Application (EB-2012-0168) version: 1

August 31, 2012

Reconciliation to Base Revenue Requirement

Review reconciliations (no input on this sheet)

DISTRIBUTION CHARGES

	Fixed Charge			Variable Charge			Gross Revenue from Distribution Charges		
Customer Class Name	**Rate [1]**	**Volume [2]**	**Revenue [3]**	**Rate [1]**	**Volume [2]**	**Revenue [3]**	**Calculated ***	**Allocated ****	**Difference**
Residential	$10.00	72,504	725,040	$0.0261	49,718,289	1,297,647	2,022,687	2,024,778	(2,091)
General Service < 50 kW	$25.00	7,992	199,800	$0.0194	22,374,916	434,073	633,873	633,892	(19)
General Service > 50 to 499 kW	$130.00	912	118,560	$2.1365	115,448	246,655	365,215	365,212	3
General Service > 500 to 1499 kW	$1,352.00	108	146,016	$1.1666	87,241	101,775	247,791	247,791	0
General Service > 1,500 kW	$1,915.00	24	45,960	$2.2156	70,544	156,297	202,257	202,259	(1)
Unmetered Scattered Load	$7.00	744	5,208	$0.0137	426,840	5,848	11,056	11,038	18
Sentinel Lighting	$2.00	1,524	3,048	$19.3715	301	5,831	8,879	8,879	0
Street Lighting	$1,700.00	12	20,400	$9.1331	3,767	34,404	54,804	54,805	(0)
TOTAL			**1,264,032**			**2,282,531**	**3,546,563**	**3,548,652**	**(2,089)**

[1] From sheet F5, rounded off to decimals displayed

[2] Fixed Charge = # Customers (Connections) multiplied by 12 (months); Variable Charge = # kW's or kWh's, as applicable (per sheet C1)

[3] Rate x Volume

** Sum of 'Revenue' columns*

*** per sheet F4: Base Revenue -- Gross*

DEFERRAL/VARIANCE ACCOUNT RECOVERY CHARGES (CREDITS)

		Variable Charge (Credit)			Proceeds from Recovery Charges (Credits)		
Customer Class Name		**Rate [1]**	**Volume [2]**	**Proceeds [3]**	**Calculated ***	**Allocated ****	**Difference**
Residential		$0.0000	49,718,289	0	0	0	0
General Service < 50 kW		$0.0000	22,374,916	0	0	0	0
General Service > 50 to 499 kW		$0.0000	115,448	0	0	0	0
General Service > 500 to 1499 kW		$0.0000	87,241	0	0	0	0
General Service > 1,500 kW		$0.0000	70,544	0	0	0	0
Unmetered Scattered Load		$0.0000	426,840	0	0	0	0
Sentinel Lighting		$0.0000	301	0	0	0	0
Street Lighting		$0.0000	3,767	0	0	0	0
TOTAL				**0**	**0**	**0**	**0**

[1] From sheet C7 ('Proposed Rate Rider'), rounded off to decimals displayed

[2] Variable Charge = # kW's or kWh's, as applicable (per sheet C1)

[3] Rate x Volume

** = 'Proceds' column*

*** From sheet C7 ('Annual Recovery Amounts')*

Exhibit 8: Rate Design

Tab 3 (of 4): Transmission, Low Voltage and Line Losses

RETAIL TRANSMISSION SERVICE RATES (RTSR)

This tab addresses the Retail Transmission Services Rates ("RTSR"), Low Voltage Service Rate and the Loss Adjustment Factors.

The Network and Connection Rates for each class are provided at E8/T3/S1/Att1 of the current tab. The revised rates presented were calculated using the Board's RTSR model. The electronic version of the RTSR model has been filed along with the Application."

EB-2012-0168

Exhibit 8

Tab 3

Schedule 1

Attachment 1

Historical Transmission Costs and Revenues

Tillsonburg Hydro Inc. (ED-2003-0026)

2013 EDR Application (EB-2012-0168) version: 1

August 31, 2012

C5 Transmission Rates

Enter Uniform Transmission Rates (existing & Test Year)

		Existing Rates		2013 Rates *	
Customer Class Name	**Usage Metric**	**Network**	**Connection**	**Network**	**Connection**
Residential	kWh	$0.0068	$0.0051	$0.0068	$0.0051
General Service < 50 kW	kWh	$0.0054	$0.0061	$0.0061	$0.0046
General Service > 50 to 499 kW	kW	$2.3557	$1.7945	$2.3723	$1.7842
General Service > 500 to 1499 kW	kW	$3.0870	$2.4454	$3.1087	$2.4313
General Service > 1,500 kW	kW	$3.0870	$2.4454	$3.1087	$2.4313
Unmetered Scattered Load	kWh	$0.0061	$0.0046	$0.0061	$0.0046
Sentinel Lighting	kW	$1.9396	$1.4782	$1.9532	$1.4697
Street Lighting	kW	$1.9347	$1.4744	$1.9483	$1.4659
Uniform Transmission Rates (UTRs)	kW	$3.5700	$2.6600	$3.5700	$2.6600
	** Rate Adjustment Factors:*				
	Change in UTRs, 2013 vs Existing			0.00%	0.00%
	Historical Variance (per sheet)			3.97%	8.60%
	Total Adjustment			**3.97%**	**8.60%**

RETAIL SERVICE CHARGE

THI is not proposing any changes to the current approved Retail Service Charges.

WHOLESALE MARKET SERVICE RATE

THI is not seeking to adjust the Wholesale Market Service Rate ("WMSR") or the Remote and Rural Rate Protection Charge ("RRRP Charge") in this Application. THI will endeavor to update the WMSR or RRRP Charge should the Board issue new ones prior to a final decision in this Application.

SPECIFIC SERVICE CHARGES

THI is not proposing any changes to the current approved Specific Service Charges.

LOW VOLTAGE CHARGES

THI is not an embedded distributor and therefore does not charge a Low Voltage Service Rate.

LOSS ADJUSTMENT FACTORS

Distribution system losses ("Loss Factors") are computed as the difference between the energy THI receives from the transmission grid and the metered from customers. The derivation of 2013 Loss Factors is provided at E8/T3/S6/Att1

Board Appendix 2-R Loss Factor is provided at E8/T3/S6/Att2

THI was not directed to conduct specific loss studies in its last EDR.

EB-2012-0168

Exhibit 8

Tab 3

Schedule 6

Attachment 1

Calculation of Proposed Total Loss Factors

Tillsonburg Hydro Inc. (ED-2003-0026)

2013 EDR Application (EB-2012-0168) version: 1

August 31, 2012

C1 Line Loss Factors

Enter historical kWh's and Supply Facility Loss Factors

		2007 Actual	2008 Actual	2009 Actual	2010 Actual	2011 Actual
A1	"Wholesale" kWh delivered to distributor (higher value)	238,097,129	219,083,011	184,765,131	191,138,127	190,475,908
A2	"Wholesale" kWh delivered to distributor (lower value)	237,436,718	218,505,606	184,310,690	190,665,941	190,016,158
B	Portion of "Wholesale" kWh delivered to distributor for Large User Customer(s)	0				
C	**Net "Wholesale" kWh delivered to distributor (A2)-(B)**	**237,436,718**	**218,505,606**	**184,310,690**	**190,665,941**	**190,016,158**
D	"Retail" kWh delivered by distributor	231,853,302	214,010,357	177,544,397	184,785,344	184,310,824
E	Portion of "Retail' kWh delivered by distributor for Large Use Customer(s)					
F	**Net "Retail" kWh delivered by distributor (D)-(E)**	**231,853,302**	**214,010,357**	**177,544,397**	**184,785,344**	**184,310,824**
G	Loss Factor in distributor's system [C/F]	1.0241	1.0210	1.0381	1.0318	1.0310
H	Supply Facility Loss Factor	1.0045	1.0045	1.0045	1.0045	1.0045
I	**Total Loss Factor [(G)x(H)]**	**1.0287**	**1.0256**	**1.0428**	**1.0365**	**1.0356**

Average Total Loss Factor:	**1.0338**
Primary Metering Adjustment:	0.99
Primary Total Loss Factor:	**1.0235**

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Exhibit 8

Tab 3

Schedule 6

Attachment 2

OEB Appendix 2-R Loss Factors

File Number:	EB-2012-0168
Exhibit:	8
Tab:	3
Schedule:	6
Attachment:	2
Date:	28-Sep-12

Appendix 2-R
Loss Factors

		Historical Years					5-Year Average
		2007	2008	2009	2010	2011	
	Losses Within Distributor's System						
A(1)	"Wholesale" kWh delivered to distributor (higher value)	238097129	219083011	184765131	191138127	190475908	204711861.2
A(2)	"Wholesale" kWh delivered to distributor (lower value)	237436718	218505606	184310690	190665941	190016158	204187022.6
B	Portion of "Wholesale" kWh delivered to distributor for its Large Use Customer(s)						0
C	Net "Wholesale" kWh delivered to distributor = **A(2) - B**	237436718	218505606	184310690	190665941	190016158	204187022.6
D	"Retail" kWh delivered by distributor	231853302	214010357	177544397	184785344	184310824	198500844.8
E	Portion of "Retail" kWh delivered by distributor to its Large Use Customer(s)						0
F	Net "Retail" kWh delivered by distributor = **D - E**	231853302	214010357	177544397	184785344	184310824	198500844.8
G	Loss Factor in Distributor's system = **C / F**	1.024081676	1.02100482	1.038110428	1.031823936	1.030954959	1.02864561
	Losses Upstream of Distributor's System						
H	Supply Facilities Loss Factor	1.0045	1.0045	1.0045	1.0045	1.0045	1.0045
	Total Losses						
I	Total Loss Factor = **G x H**	1.028690043	1.025599342	1.042781925	1.036467144	1.035594256	1.033274515

Notes

A(1) If directly connected to the IESO-controlled grid, kWh pertains to the virtual meter on the primary or high voltage side of the transformer at the interface with the transmission grid. This corresponds to the "With Losses" kWh value provided by the IESO's MV-WEB. It is the higher of the two values provided by MV-WEB.

If fully embedded within a host distributor, kWh pertains to the virtual meter on the primary or high voltage side of the transformer, at the interface between the host distributor and the transmission grid. For example, if the host distributor is Hydro One Networks Inc., kWh from the Hydro One Networks' invoice corresponding to "Total kWh w Losses" should be reported. This corresponds to the higher of the two kWh values provided in Hydro One Networks' invoice.

If partially embedded, kWh pertains to the sum of the above.

A(2) If directly connected to the IESO-controlled grid, kWh pertains to a metering installation on the secondary or low voltage side of the transformer at the interface with the transmission grid. This corresponds to the "Without Losses" kWh value provided by the IESO's MV-WEB. It is the lower of the two kWh values provided by MV-WEB.

If fully embedded with the host distributor, kWh pertains to an actual or virtual meter at the interface between the embedded distributor and the host distributor. For example, if the host distributor is Hydro One Networks Inc., kWh from the Hydro One Networks' invoice corresponding to "Total kWh" should be reported. This corresponds to the lower of the two kWh values provided in Hydro One Networks' invoice.

If partially embedded, kWh pertains to the sum of the above.

Additionally, kWh pertaining to distributed generation directly connected to the distributor's own distribution network should be included in **A(2)**.

B If a Large Use Customer is metered on the secondary or low voltage side of the transformer, the default loss is 1% (i.e., **B** = 1.01 X **E**).

D kWh corresponding to D should equal metered or estimated kWh at the customer's delivery point.

G and **I** These loss factors pertain to secondary-metered customers with demand less than 5,000 kW.

H If directly connected to the IESO-controlled grid, SFLF = 1.0045.

If fully embedded within a host distributor, SFLF = loss factor re losses in transformer at grid interface X loss factor re losses in host distributor's system. If the host distributor is Hydro One Networks Inc., SFLF = 1.0060 X 1.0278 = 1.0340. If partially embedded, SFLF should be calculated as the weighted average of above.

Distributors that wish to propose a different SFLF should provide appropriate justification for any such proposal including supporting calculations and any other relevant material.

Exhibit 8: Rate Design

Tab 4 (of 4): Rate Schedules and Bill Impacts

BASE REVENUE CALCULATIONS AND RECONCILIATIONS

OEB Appendix 2V – Revenue Reconciliation is provided at E8/T4/S1/Att1.

A detailed reconciliation between proposed rates and the 2013 revenue requirement is provided at E8/T2/S1/Att2.

File Number:	EB-2012-0168
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Schedule:	1
Attachment:	1
Date:	28-Sep-12

Appendix 2-V
Revenue Reconciliation

Rate Class	Customers/ Connections	Number of Customers/Connections			Test Year Consumption		Proposed Rates			Revenues at Proposed Rates	Class Specific Revenue Requirement	Transformer Allowance Credit	Total	Difference
		Start of Test Year	End of Test Year	Average	kWh	kW	Monthly Service Charge	Volumetric						
								kWh	kW					
Residential	Customers	6,042.00	6,042.00	6,042.00	49,718,289		$ 10.00	$ 0.0261		$ 2,022,687.34	$ 2,024,778		$ 2,024,778	$ 2,091
GS < 50 kW	Customers	666.00	666.00	666.00	22,374,916		$ 25.00	$ 0.0194		$ 633,873.37	$ 633,892		$ 633,892	$ 19
GS > 50 to 499 kW	Customers	76.00	76.00	76.00		115,448	$ 130.00		$ 2.1365	$ 365,214.65	$ 351,736	$ 13,476	$ 365,212	-$ 3
GS > 500 to 1499 kW	Customers	9.00	9.00	9.00		87,241	$ 1,352.00		$ 1.1666	$ 247,791.35	$ 199,261	$ 48,530	$ 247,791	-$ 0
Streetlighting	Customers	1.00	1.00	1.00		3,767	$ 1,700.00		$ 9.1331	$ 54,804.39	$ 54,805		$ 54,805	$ 1
Sentinel Lighting	Connections	127.00	127.00	127.00		301	$ 2.00		$ 19.3715	$ 8,878.82	$ 8,879		$ 8,879	$ 0
Unmetered Scattered Load	Connections	62.00	62.00	62.00	426,840		$ 7.00	$ 0.0137		$ 11,055.71	$ 11,038		$ 11,038	-$ 18
GS > 1500 kW	Customers	2.00	2.00	2.00		70,544	$ 1,915.00		$ 2.2156	$ 202,257.29	$ 160,017	$ 42,242	$ 202,259	$ 2
Embedded Distributor Class				-						$ -			$ -	$ -
etc.				-						$ -			$ -	$ -
				-						$ -			$ -	$ -
				-						$ -			$ -	$ -
				-						$ -			$ -	$ -
Total										$ 3,546,562.92	$ 3,444,406	$ 104,248	$ 3,548,654	$ 2,091

PROPOSED CHANGES TO CONDITIONS OF SERVICE

THI's updated Conditions of Service is provided at E1/T1/S14. Only minor updates were made to this document.

RATE CHANGES AND BILL IMPACTS

As required in the Board's Filing Requirements, attached as E8/T4/S3/Att2 which depicts in detail the Bill Impacts on each customer class.

The table below summarizes the Bill Impacts for all classes:

Table 1: Bill Impacts

Customer Class Name	Volume		Distribution Charges		Delivery Charges		Total Bill	
	kWh	kW	$ change	% change	$ change	% change	$ change	% change
Residential	800		$7.02	31.7%	$6.94	21.63%	$6.39	5.7%
General Service < 50 kW	2,000		$9.45	17.9%	$7.60	9.89%	$6.06	2.18%
General Service > 50 to 499 kW	42,000	125	($78.92)	(24.6%)	($78.10)	(9.12%)	($117.16)	(2.2%)
General Service > 500 to 1499 kW	320,000	800	($928.66)	(48.8%)	($922.38)	(14.24%)	($1,225.44)	(3.0%)
General Service > 1,500 kW	1,485,000	3,000	($9973.67)	(81.0%)	($9950.11)	(33.78%)	($11452.89)	(6.0%)
Unmetered Scattered Load	150		($10.32)	(55.0%)	($10.33)	(50.56%)	($10.62)	(30.5%)
Sentinel Lighting	80	0.20	$2.60	88.0%	$2.60	71.03%	$2.59	23.1%
Street Lighting	150	1.00	($3.95)	(0.2%)	($3.95)	(0.2%)	($4.13)	(0.2%)

As illustrated in the table above, all classes, except Sentinel and Unmetered Scattered Load, have bill impacts of less than 10%. The greater bill impact for the Sentinel class is attributable to the correction proposed to the revenue to cost ratio as previously discussed at E7/T2/S2/Att2. THI is not proposing any other rate mitigation measure for the Sentinel class for the following reasons:

- The average impact for a Sentinel Light customer is approximately $3 per month
- Only two customers are "Sentinel only" which means that the impact on all other Sentinel customers will be leveled down with the remaining bill.

- Of the two “Sentinel only” customers, one is the Town with approximately 40 connections. The other “Sentinel only” customer has only two connections which brings the monthly bill impact to about $6.
- As per the Board letter dated September 20, 2012, THI is proposing to update its fixed monthly charge for the MicroFIT Generators class from $5.25 to $5.40.

EB-2012-0168

Exhibit 8

Tab 4

Schedule 3

Attachment 1

Proposed Rate Schedule

X91 Monthly Rates and Charges

		Effective May 1/13
Residential		
Service Charge	$	10.00
Smart Meter Disposition Rider	$	1.25
Distribution Volumetric Rate	$/kWh	0.0261
Rate Rider for LRAM/SSM	$/kWh	0.0001
Stranded Meter Rate Rider	$/kWh	0.0003
Rate Rider for Global Adjusment Sub-Account (Applicable only to Non-RPP customers)	$/kWh	0.0043
Rate Rider for Deferral/Variance Account Disposition	$/kWh	(0.0041)
Retail Transmission Rate – Network Service Rate	$/kWh	0.0068
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kWh	0.0051
Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	$	0.25
General Service < 50 kW		
Service Charge	$	25.00
Smart Meter Disposition Rider	$	5.72
Distribution Volumetric Rate	$/kWh	0.0194
Rate Rider for LRAM/SSM	$/kWh	0.0002
Stranded Meter Rate Rider	$/kWh	0.0003
Rate Rider for Global Adjusment Sub-Account (Applicable only to Non-RPP customers)	$/kWh	0.0043
Rate Rider for Deferral/Variance Account Disposition	$/kWh	(0.0041)
Retail Transmission Rate – Network Service Rate	$/kWh	0.0061
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kWh	0.0046
Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	$/kWh	0.25
General Service > 50 to 499 kW		
Service Charge	$	130.00
Distribution Volumetric Rate	$/kW	2.1365
Rate Rider for LRAM/SSM	$/kW	0.1112
Rate Rider for Global Adjusment Sub-Account (Applicable only to Non-RPP customers)	$/kW	1.4136
Rate Rider for Deferral/Variance Account Disposition	$/kW	(1.3554)
Retail Transmission Rate – Network Service Rate	$/kW	2.3723
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	1.7842
Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

X91 Monthly Rates and Charges

		Effective May 1/13
General Service > 500 to 1499 kW		
Service Charge	$	1,352.00
Distribution Volumetric Rate	$/kW	1.1666
Rate Rider for Global Adjusment Sub-Account (Applicable only to Non-RPP customers)	$/kW	1.7099
Rate Rider for Deferral/Variance Account Disposition	$/kW	(1.6395)
Retail Transmission Rate – Network Service Rate	$/kW	3.1087
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	2.4313
Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	$	0.25
General Service > 1,500 kW		
Service Charge	$	1,915.00
Distribution Volumetric Rate	$/kW	2.2156
Rate Rider for Global Adjusment Sub-Account (Applicable only to Non-RPP customers)	$/kW	2.1647
Rate Rider for Deferral/Variance Account Disposition	$/kW	(2.0757)
Retail Transmission Rate – Network Service Rate	$/kW	3.1087
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	2.4313
Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	$	0.25
Unmetered Scattered Load		
Service Charge (per connection)	$	7.00
Distribution Volumetric Rate	$/kWh	0.0137
Rate Rider for Global Adjusment Sub-Account (Applicable only to Non-RPP customers)	$/kWh	0.0043
Rate Rider for Deferral/Variance Account Disposition	$/kWh	(0.0041)
Retail Transmission Rate – Network Service Rate	$/kWh	0.0061
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kWh	0.0046
Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	$	0.25
Sentinel Lighting		
Service Charge (per connection)	$	2.00
Distribution Volumetric Rate	$/kW	19.3715
Rate Rider for Deferral/Variance Account Disposition	$/kW	(1.6187)
Retail Transmission Rate – Network Service Rate	$/kW	1.9532
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	1.4697
Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

X91 Monthly Rates and Charges

		Effective May 1/13
Street Lighting		
Service Charge (per customer)	$	1,700.00
Distribution Volumetric Rate	$/kW	9.1331
Rate Rider for Global Adjusment Sub-Account (Applicable only to Non-RPP customers)	$/kW	1.5938
Rate Rider for Deferral/Variance Account Disposition	$/kW	(1.5282)
Retail Transmission Rate – Network Service Rate	$/kW	1.9483
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	1.4659
Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	$	0.25
MicroFIT Generators		
Service Charge	$	5.40
Specific Service Charges		
Returned Cheque charge (plus bank charges)	$	15.00
Account set up charge / change of occupancy charge	$	30.00
Special Meter reads	$	30.00
Late Payment - per month	%	1.50
Collection of account charge – no disconnection	$	30.00
Disconnect/Reconnect at meter – during regular hours	$	65.00
Disconnect/Reconnect at meter – after regular hours	$	185.00
Disconnect/Reconnect at pole – during regular hours	$	185.00
Install / remove load control device – after regular hours	$	185.00
Service call – after regular hours	$	165.00
Specific Charge for Access to the Power Poles – per pole/year	$	22.35
Retailer Service Agreement -- standard charge	$	100.00
Retailer Service Agreement -- monthly fixed charge (per retailer)	$	20.00
Retailer Service Agreement -- monthly variable charge (per customer)	$	0.50
Distributor-Consolidated Billing -- monthly charge (per customer)	$	0.30
Retailer-Consolidated Billing -- monthly credit (per customer)	$	(0.30)
Service Transaction Request -- request fee (per request)	$	0.25
Service Transaction Request -- processing fee (per processed request)	$	0.50
Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	$	no charge
More than twice a year	$	2.00
Allowances		
Transformer Allowance for Ownership - per kW of billing demand/month	$/kW	(0.60)
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	1.00
LOSS FACTORS		
Secondary Metered Customer		1.0333

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Appendix 2-W
Bill Impacts

Customer Class: Residential

Consumption 800 kWh

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	Proposed Rate ($)	Volume	Charge ($)	Impact $ Change	Impact % Change
Monthly Service Charge	Monthly	$ 9.9100	1	$ 9.91	$ 10.0000	1	$ 10.00	$ 0.09	0.91%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	kWh	$ 0.0169	800	$ 13.52	$ 0.0261	800	$ 20.88	$ 7.36	54.44%
Smart Meter Disposition Rider	Monthly	$ -	1	$ -	$ 1.2500	1	$ 1.25	$ 1.25	
LRAM & SSM Rate Rider	kW	$ 0.0004	800	$ 0.32	$ 0.0001	800	$ 0.08	-$ 0.24	-75.00%
Stranded Meter Rate Rider	kW	$ -	800	$ -	$ 0.0003	800	$ 0.24	$ 0.24	
Sub-Total A				$ 23.75			$ 32.45	**$ 8.70**	**36.63%**
Rate Rider for Deferral/Variance Account Disposition	kW	-$ 0.0020	800	-$ 1.60	$ -	800	$ -	$ 1.60	-100.00%
Rate Rider for Deferral/Variance Account Disposition	kW	$ -	800	$ -	-$ 0.0041	800	-$ 3.28	-$ 3.28	
Low Voltage Service Charge	kWh	$ -	800	$ -	$ -	800	$ -	$ -	
Smart Meter Entity Charge						800	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 22.15**			**$ 29.17**	**$ 7.02**	**31.69%**
RTSR - Network	kWh	$ 0.0068	834	$ 5.67	$ 0.0068	827	$ 5.62	-$ 0.05	-0.83%
RTSR - Line and Transformation Connection	kWh	$ 0.0051	834	$ 4.25	$ 0.0051	827	$ 4.22	-$ 0.04	-0.83%
Sub-Total C - Delivery (including Sub-Total B)				**$ 32.07**			**$ 39.01**	**$ 6.94**	**21.63%**
Wholesale Market Service Charge (WMSC)	kWh	$ 0.0052	834	$ 4.33	$ 0.0052	827	$ 4.30	-$ 0.04	-0.83%
Rural and Remote Rate Protection (RRRP)	kWh	$ 0.0013	834	$ 1.08	$ 0.0013	827	$ 1.07	-$ 0.01	-0.83%
Standard Supply Service Charge			1	$ -		1	$ -	$ -	
Debt Retirement Charge (DRC)	kWh	$ 0.0070	834	$ 5.84	$ 0.0070	827	$ 5.79	-$ 0.05	-0.83%
Energy - RPP - Tier 1	kWh	$ 0.0750	600	$ 45.00	$ 0.0750	600	$ 45.00	$ -	0.00%
Energy - RPP - Tier 2	kWh	$ 0.0880	234	$ 20.56	$ 0.0880	227	$ 19.94	-$ 0.61	-2.98%
TOU - Off Peak	kWh	$ 0.0650	534	$ 34.68	$ 0.0650	529	$ 34.39	-$ 0.29	-0.83%
TOU - Mid Peak	kWh	$ 0.1000	150	$ 15.00	$ 0.1000	149	$ 14.88	-$ 0.13	-0.83%
TOU - On Peak	kWh	$ 0.1170	150	$ 17.56	$ 0.1170	149	$ 17.41	-$ 0.15	-0.83%
Total Bill on RPP (before Taxes)				**$ 108.88**			**$ 115.11**	**$ 6.23**	**5.72%**
HST		13%		$ 14.15	13%		$ 14.96	$ 0.81	5.72%
Total Bill (including HST)				$ 123.03			$ 130.08	$ 7.04	5.72%
Ontario Clean Energy Benefit 1				-$ 12.30			-$ 13.01	-$ 0.71	5.77%
Total Bill on RPP (including OCEB)				**$ 110.73**			**$ 117.07**	**$ 6.33**	**5.72%**
Total Bill on TOU (before Taxes)				**$ 110.56**			**$ 116.84**	**$ 6.28**	**5.68%**
HST		13%		$ 14.37	13%		$ 15.19	$ 0.82	5.68%
Total Bill (including HST)				$ 124.93			$ 132.03	$ 7.10	5.68%
Ontario Clean Energy Benefit 1				-$ 12.49			-$ 13.20	-$ 0.71	5.68%
Total Bill on TOU (including OCEB)				**$ 112.44**			**$ 118.83**	**$ 6.39**	**5.68%**
Loss Factor (%)		4.20%			3.33%				

1 Applicable to eligible customers only. Refer to the Ontario Clean Energy Benefit Act, 2010

Note that the "Charge $" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing should cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000
GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000
GS>50kW (kW) - 60, 100, 500, 1000
Large User - range appropriate for utility
Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Appendix 2-W
Bill Impacts

Customer Class: General Service < 50 kW

Consumption 2000 kWh

		Current Board-Approved			Proposed			Impact	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 25.0700	1	$ 25.07	$ 25.0000	1	$ 25.00	-$ 0.07	-0.28%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	kWh	$ 0.0152	2000	$ 30.40	$ 0.0194	2000	$ 38.80	$ 8.40	27.63%
Smart Meter Disposition Rider	Monthly	$ -	1	$ -	$ 5.7200	1	$ 5.72	$ 5.72	
LRAM & SSM Rate Rider	kW	$ 0.0002	2000	$ 0.40	$ 0.0002	2000	$ 0.40	$ -	0.00%
Stranded Meter Rate Rider	kW	$ -	2000	$ -	$ 0.0003	2000	$ 0.60	$ 0.60	
Sub-Total A				$ 55.87			$ 70.52	**$ 14.65**	**26.22%**
Rate Rider for Deferral/Variance Account Disposition	kW	-$ 0.0015	2000	-$ 3.00	$ -	2000	$ -	$ 3.00	-100.00%
Rate Rider for Deferral/Variance Account Disposition	kW	$ -	2000	$ -	-$ 0.0041	2000	-$ 8.20	-$ 8.20	
Low Voltage Service Charge	kWh	$ -	2000	$ -	$ -	2000	$ -	$ -	
Smart Meter Entity Charge						2000	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 52.87**			**$ 62.32**	**$ 9.45**	**17.87%**
RTSR - Network	kWh	$ 0.0054	2084	$ 11.25	$ 0.0061	2067	$ 12.61	$ 1.35	12.02%
RTSR - Line and Transformation Connection	kWh	$ 0.0061	2084	$ 12.71	$ 0.0046	2067	$ 9.51	-$ 3.21	-25.22%
Sub-Total C - Delivery (including Sub-Total B)				**$ 76.84**			**$ 84.43**	**$ 7.60**	**9.89%**
Wholesale Market Service Charge (WMSC)	kWh	$ 0.0052	2084	$ 10.84	$ 0.0052	2067	$ 10.75	-$ 0.09	-0.83%
Rural and Remote Rate Protection (RRRP)	kWh	$ 0.0013	2084	$ 2.71	$ 0.0013	2067	$ 2.69	-$ 0.02	-0.83%
Standard Supply Service Charge			1	$ -		1	$ -	$ -	
Debt Retirement Charge (DRC)	kWh	$ 0.0070	2084	$ 14.59	$ 0.0070	2067	$ 14.47	-$ 0.12	-0.83%
Energy - RPP - Tier 1	kWh	$ 0.0750	750	$ 56.25	$ 0.0750	750	$ 56.25	$ -	0.00%
Energy - RPP - Tier 2	kWh	$ 0.0880	1334	$ 117.39	$ 0.0880	1317	$ 115.86	-$ 1.53	-1.30%
TOU - Off Peak	kWh	$ 0.0650	1334	$ 86.69	$ 0.0650	1323	$ 85.97	-$ 0.72	-0.83%
TOU - Mid Peak	kWh	$ 0.1000	375	$ 37.51	$ 0.1000	372	$ 37.20	-$ 0.31	-0.83%
TOU - On Peak	kWh	$ 0.1170	375	$ 43.89	$ 0.1170	372	$ 43.52	-$ 0.37	-0.83%
Total Bill on RPP (before Taxes)				**$ 278.61**			**$ 284.44**	**$ 5.83**	**2.09%**
HST		13%		$ 36.22	13%		$ 36.98	$ 0.76	2.09%
Total Bill (including HST)				$ 314.83			$ 321.42	$ 6.59	2.09%
Ontario Clean Energy Benefit 1				-$ 31.48			-$ 32.14	-$ 0.66	2.10%
Total Bill on RPP (including OCEB)				**$ 283.35**			**$ 289.28**	**$ 5.93**	**2.09%**
Total Bill on TOU (before Taxes)				**$ 273.07**			**$ 279.02**	**$ 5.96**	**2.18%**
HST		13%		$ 35.50	13%		$ 36.27	$ 0.77	2.18%
Total Bill (including HST)				$ 308.56			$ 315.30	$ 6.73	2.18%
Ontario Clean Energy Benefit 1				-$ 30.86			-$ 31.53	-$ 0.67	2.17%
Total Bill on TOU (including OCEB)				**$ 277.70**			**$ 283.77**	**$ 6.06**	**2.18%**
Loss Factor (%)		4.20%			3.33%				

1 Applicable to eligible customers only. Refer to the Ontario Clean Energy Benefit Act, 2010

Note that the "Charge $" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing should cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000
GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000
GS>50kW (kW) - 60, 100, 500, 1000
Large User - range appropriate for utility
Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

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Appendix 2-W
Bill Impacts

Customer Class: General Service > 50 to 499 kW

Consumption 42000 kWh

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	Proposed Rate ($)	Volume	Charge ($)	Impact $ Change	Impact % Change
Monthly Service Charge	Monthly	$ 129.4300	1	$ 129.43	$ 130.0000	1	$ 130.00	$ 0.57	0.44%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	kW	$ 1.7010	125	$ 212.63	$ 2.1365	125	$ 267.06	$ 54.44	25.60%
Smart Meter Disposition Rider	Monthly	$ -	1	$ -	$ -	1	$ -	$ -	
LRAM & SSM Rate Rider	kW	$ 0.0341	125	$ 4.26	$ 0.1112	125	$ 13.90	$ 9.64	226.10%
Stranded Meter Rate Rider	kW	$ -	125	$ -	$ -	125	$ -	$ -	
Sub-Total A				$ 346.32			$ 410.96	**$ 64.65**	**18.67%**
Rate Rider for Deferral/Variance Account Disposition	kW	-$ 0.2069	125	-$ 25.86	$ -	125	$ -	$ 25.86	-100.00%
Rate Rider for Deferral/Variance Account Disposition	kW	$ -	125	$ -	-$ 1.3554	125	-$ 169.43	-$ 169.43	
Low Voltage Service Charge	kWh	$ -	42000	$ -	$ -	42000	$ -	$ -	
Smart Meter Entity Charge						42000	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 320.46**			**$ 241.54**	**-$ 78.92**	**-24.63%**
RTSR - Network	kW	$ 2.3557	129	$ 304.27	$ 2.3723	129	$ 306.41	$ 2.14	0.70%
RTSR - Line and Transformation Connection	kW	$ 1.7945	129	$ 231.78	$ 1.7842	129	$ 230.45	-$ 1.33	-0.57%
Sub-Total C - Delivery (including Sub-Total B)				**$ 856.51**			**$ 778.40**	**-$ 78.10**	**-9.12%**
Wholesale Market Service Charge (WMSC)	kWh	$ 0.0052	43764	$ 227.57	$ 0.0052	43399	$ 225.67	-$ 1.90	-0.83%
Rural and Remote Rate Protection (RRRP)	kWh	$ 0.0013	43764	$ 56.89	$ 0.0013	43399	$ 56.42	-$ 0.48	-0.83%
Standard Supply Service Charge			1	$ -		1	$ -	$ -	
Debt Retirement Charge (DRC)	kWh	$ 0.0070	43764	$ 306.35	$ 0.0070	43399	$ 303.79	-$ 2.56	-0.83%
Energy - RPP - Tier 1	kWh	$ 0.0750	750	$ 56.25	$ 0.0750	750	$ 56.25	$ -	0.00%
Energy - RPP - Tier 2	kWh	$ 0.0880	43014	$ 3,785.23	$ 0.0880	42649	$ 3,753.08	-$ 32.16	-0.85%
TOU - Off Peak	kWh	$ 0.0650	28009	$ 1,820.58	$ 0.0650	27775	$ 1,805.38	-$ 15.20	-0.83%
TOU - Mid Peak	kWh	$ 0.1000	7878	$ 787.75	$ 0.1000	7812	$ 781.17	-$ 6.58	-0.83%
TOU - On Peak	kWh	$ 0.1170	7878	$ 921.67	$ 0.1170	7812	$ 913.97	-$ 7.70	-0.83%
Total Bill on RPP (before Taxes)				**$ 5,288.80**			**$ 5,173.61**	**-$ 115.19**	**-2.18%**
HST		13%		$ 687.54	13%		$ 672.57	-$ 14.97	-2.18%
Total Bill (including HST)				$ 5,976.35			$ 5,846.18	-$ 130.17	-2.18%
Ontario Clean Energy Benefit 1				-$ 597.63			-$ 584.62	$ 13.01	-2.18%
Total Bill on RPP (including OCEB)				**$ 5,378.72**			**$ 5,261.56**	**-$ 117.16**	**-2.18%**
Total Bill on TOU (before Taxes)				**$ 4,977.32**			**$ 4,864.81**	**-$ 112.51**	**-2.26%**
HST		13%		$ 647.05	13%		$ 632.43	-$ 14.63	-2.26%
Total Bill (including HST)				$ 5,624.38			$ 5,497.24	-$ 127.14	-2.26%
Ontario Clean Energy Benefit 1				-$ 562.44			-$ 549.72	$ 12.72	-2.26%
Total Bill on TOU (including OCEB)				**$ 5,061.94**			**$ 4,947.52**	**-$ 114.42**	**-2.26%**
Loss Factor (%)		4.20%			3.33%				

1 Applicable to eligible customers only. Refer to the Ontario Clean Energy Benefit Act, 2010

Note that the "Charge $" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing should cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000
GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000
GS>50kW (kW) - 60, 100, 500, 1000
Large User - range appropriate for utility
Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Appendix 2-W
Bill Impacts

Customer Class: General Service > 500 to 1499 kW

Consumption 320000 kWh

		Current Board-Approved			Proposed			Impact	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 1,352.3400	1	$ 1,352.34	$ 1,352.0000	1	$ 1,352.00	-$ 0.34	-0.03%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	kW	$ 0.9187	800	$ 734.96	$ 1.1666	800	$ 933.28	$ 198.32	26.98%
Smart Meter Disposition Rider	Monthly	$ -	1	$ -	$ -	1	$ -	$ -	
LRAM & SSM Rate Rider	kW	$ 0.0229	800	$ 18.32	$ -	800	$ -	-$ 18.32	-100.00%
Stranded Meter Rate Rider	kW	$ -	800	$ -	$ -	800	$ -	$ -	
Sub-Total A				$ 2,105.62			$ 2,285.28	**$ 179.66**	**8.53%**
Rate Rider for Deferral/Variance Account Disposition	kW	-$ 0.2541	800	-$ 203.28	$ -	800	$ -	$ 203.28	-100.00%
Rate Rider for Deferral/Variance Account Disposition	kW	$ -	800	$ -	-$ 1.6395	800	-$ 1,311.60	-$ 1,311.60	
Low Voltage Service Charge	kWh	$ -	320000	$ -	$ -	320000	$ -	$ -	
Smart Meter Entity Charge						320000	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 1,902.34**			**$ 973.68**	**-$ 928.66**	**-48.82%**
RTSR - Network	kW	$ 3.0870	827	$ 2,551.84	$ 3.1087	827	$ 2,569.78	$ 17.94	0.70%
RTSR - Line and Transformation Connection	kW	$ 2.4454	827	$ 2,021.47	$ 2.4313	827	$ 2,009.81	-$ 11.66	-0.58%
Sub-Total C - Delivery (including Sub-Total B)				**$ 6,475.64**			**$ 5,553.27**	**-$ 922.38**	**-14.24%**
Wholesale Market Service Charge (WMSC)	kWh	$ 0.0052	333440	$ 1,733.89	$ 0.0052	330656	$ 1,719.41	-$ 14.48	-0.83%
Rural and Remote Rate Protection (RRRP)	kWh	$ 0.0013	333440	$ 433.47	$ 0.0013	330656	$ 429.85	-$ 3.62	-0.83%
Standard Supply Service Charge			1	$ -		1	$ -	$ -	
Debt Retirement Charge (DRC)	kWh	$ 0.0070	333440	$ 2,334.08	$ 0.0070	330656	$ 2,314.59	-$ 19.49	-0.83%
Energy - RPP - Tier 1	kWh	$ 0.0750	750	$ 56.25	$ 0.0750	750	$ 56.25	$ -	0.00%
Energy - RPP - Tier 2	kWh	$ 0.0880	332690	$ 29,276.72	$ 0.0880	329906	$ 29,031.73	-$ 244.99	-0.84%
TOU - Off Peak	kWh	$ 0.0650	213402	$ 13,871.10	$ 0.0650	211620	$ 13,755.29	-$ 115.81	-0.83%
TOU - Mid Peak	kWh	$ 0.1000	60019	$ 6,001.92	$ 0.1000	59518	$ 5,951.81	-$ 50.11	-0.83%
TOU - On Peak	kWh	$ 0.1170	60019	$ 7,022.25	$ 0.1170	59518	$ 6,963.62	-$ 58.63	-0.83%
Total Bill on RPP (before Taxes)				**$ 40,310.05**			**$ 39,105.10**	**-$ 1,204.95**	**-2.99%**
HST		13%		$ 5,240.31	13%		$ 5,083.66	-$ 156.64	-2.99%
Total Bill (including HST)				$ 45,550.36			$ 44,188.76	-$ 1,361.60	-2.99%
Ontario Clean Energy Benefit 1				-$ 4,555.04			-$ 4,418.88	$ 136.16	-2.99%
Total Bill on RPP (including OCEB)				**$ 40,995.32**			**$ 39,769.88**	**-$ 1,225.44**	**-2.99%**
Total Bill on TOU (before Taxes)				**$ 37,872.35**			**$ 36,687.83**	**-$ 1,184.52**	**-3.13%**
HST		13%		$ 4,923.41	13%		$ 4,769.42	-$ 153.99	-3.13%
Total Bill (including HST)				$ 42,795.76			$ 41,457.25	-$ 1,338.51	-3.13%
Ontario Clean Energy Benefit 1				-$ 4,279.58			-$ 4,145.73	$ 133.85	-3.13%
Total Bill on TOU (including OCEB)				**$ 38,516.18**			**$ 37,311.52**	**-$ 1,204.66**	**-3.13%**
Loss Factor (%)		4.20%			3.33%				

1 Applicable to eligible customers only. Refer to the Ontario Clean Energy Benefit Act, 2010

Note that the "Charge $" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing should cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000
GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000
GS>50kW (kW) - 60, 100, 500, 1000
Large User - range appropriate for utility
Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Appendix 2-W
Bill Impacts

Customer Class: General Service > 1,500 kW

Consumption 1485000 kWh

		Current Board-Approved			Proposed			Impact	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 1,915.1700	1	$ 1,915.17	$ 1,915.0000	1	$ 1,915.00	-$ 0.17	-0.01%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	kW	$ 3.7991	3000	$ 11,397.30	$ 2.2156	3000	$ 6,646.80	-$ 4,750.50	-41.68%
Smart Meter Disposition Rider	Monthly	$ -	1	$ -	$ -	1	$ -	$ -	
LRAM & SSM Rate Rider	kW	$ -	3000	$ -	$ -	3000	$ -	$ -	
Stranded Meter Rate Rider	kW	$ -	3000	$ -	$ -	3000	$ -	$ -	
Sub-Total A				$ 13,312.47			$ 8,561.80	**-$ 4,750.67**	**-35.69%**
Rate Rider for Deferral/Variance Account Disposition	kW	-$ 0.3347	3000	-$ 1,004.10	$ -	3000	$ -	$ 1,004.10	-100.00%
Rate Rider for Deferral/Variance Account Disposition	kW	$ -	3000	$ -	-$ 2.0757	3000	-$ 6,227.10	-$ 6,227.10	
Low Voltage Service Charge	kWh	$ -	1485000	$ -	$ -	1485000	$ -	$ -	
Smart Meter Entity Charge						1485000	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 12,308.37**			**$ 2,334.70**	**-$ 9,973.67**	**-81.03%**
RTSR - Network	kW	$ 3.0870	3100	$ 9,569.39	$ 3.1087	3100	$ 9,636.66	$ 67.27	0.70%
RTSR - Line and Transformation Connection	kW	$ 2.4454	3100	$ 7,580.50	$ 2.4313	3100	$ 7,536.79	-$ 43.71	-0.58%
Sub-Total C - Delivery (including Sub-Total B)				**$ 29,458.26**			**$ 19,508.15**	**-$ 9,950.11**	**-33.78%**
Wholesale Market Service Charge (WMSC)	kWh	$ 0.0052	1547370	$ 8,046.32	$ 0.0052	1534451	$ 7,979.14	-$ 67.18	-0.83%
Rural and Remote Rate Protection (RRRP)	kWh	$ 0.0013	1547370	$ 2,011.58	$ 0.0013	1534451	$ 1,994.79	-$ 16.80	-0.83%
Standard Supply Service Charge			1	$ -		1	$ -	$ -	
Debt Retirement Charge (DRC)	kWh	$ 0.0070	1547370	$ 10,831.59	$ 0.0070	1534451	$ 10,741.15	-$ 90.44	-0.83%
Energy - RPP - Tier 1	kWh	$ 0.0750	750	$ 56.25	$ 0.0750	750	$ 56.25	$ -	0.00%
Energy - RPP - Tier 2	kWh	$ 0.0880	1546620	$ 136,102.56	$ 0.0880	1533701	$ 134,965.64	-$ 1,136.92	-0.84%
TOU - Off Peak	kWh	$ 0.0650	990317	$ 64,370.59	$ 0.0650	982048	$ 63,833.14	-$ 537.45	-0.83%
TOU - Mid Peak	kWh	$ 0.1000	278527	$ 27,852.66	$ 0.1000	276201	$ 27,620.11	-$ 232.55	-0.83%
TOU - On Peak	kWh	$ 0.1170	278527	$ 32,587.61	$ 0.1170	276201	$ 32,315.53	-$ 272.08	-0.83%
Total Bill on RPP (before Taxes)				**$ 186,506.56**			**$ 175,245.12**	**-$ 11,261.44**	**-6.04%**
HST		13%		$ 24,245.85	13%		$ 22,781.87	-$ 1,463.99	-6.04%
Total Bill (including HST)				$ 210,752.41			$ 198,026.99	-$ 12,725.43	-6.04%
Ontario Clean Energy Benefit 1				-$ 21,075.24			-$ 19,802.70	$ 1,272.54	-6.04%
Total Bill on RPP (including OCEB)				**$ 189,677.17**			**$ 178,224.29**	**-$ 11,452.89**	**-6.04%**
Total Bill on TOU (before Taxes)				**$ 175,158.62**			**$ 163,992.01**	**-$ 11,166.61**	**-6.38%**
HST		13%		$ 22,770.62	13%		$ 21,318.96	-$ 1,451.66	-6.38%
Total Bill (including HST)				$ 197,929.24			$ 185,310.97	-$ 12,618.27	-6.38%
Ontario Clean Energy Benefit 1				-$ 19,792.92			-$ 18,531.10	$ 1,261.82	-6.38%
Total Bill on TOU (including OCEB)				**$ 178,136.32**			**$ 166,779.87**	**-$ 11,356.45**	**-6.38%**
Loss Factor (%)		4.20%			3.33%				

1 Applicable to eligible customers only. Refer to the Ontario Clean Energy Benefit Act, 2010

Note that the "Charge $" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing should cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000
GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000
GS>50kW (kW) - 60, 100, 500, 1000
Large User - range appropriate for utility
Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Appendix 2-W
Bill Impacts

Customer Class: **Unmetered Scattered Load**

Consumption **150** **kWh**

		Current Board-Approved			Proposed			Impact	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 14.7500	1	$ 14.75	$ 7.0000	1	$ 7.00	-$ 7.75	-52.54%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	kWh	$ 0.0290	150	$ 4.35	$ 0.0137	150	$ 2.06	-$ 2.30	-52.76%
Smart Meter Disposition Rider	Monthly	$ -	1	$ -	$ -	1	$ -	$ -	
LRAM & SSM Rate Rider	kW	$ -	150	$ -	$ -	150	$ -	$ -	
Stranded Meter Rate Rider	kW	$ -	150	$ -	$ -	150	$ -	$ -	
Sub-Total A				$ 19.10			$ 9.06	**-$ 10.05**	**-52.59%**
Rate Rider for Deferral/Variance Account Disposition	kW	-$ 0.0023	150	-$ 0.35	$ -	150	$ -	$ 0.35	-100.00%
Rate Rider for Deferral/Variance Account Disposition	kW	$ -	150	$ -	-$ 0.0041	150	-$ 0.62	-$ 0.62	
Low Voltage Service Charge	kWh	$ -	150	$ -	$ -	150	$ -	$ -	
Smart Meter Entity Charge						150	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 18.76**			**$ 8.44**	**-$ 10.32**	**-55.00%**
RTSR - Network	kWh	$ 0.0061	156	$ 0.95	$ 0.0061	155	$ 0.95	-$ 0.01	-0.83%
RTSR - Line and Transformation Connection	kWh	$ 0.0046	156	$ 0.72	$ 0.0046	155	$ 0.71	-$ 0.01	-0.83%
Sub-Total C - Delivery (including Sub-Total B)				**$ 20.43**			**$ 10.10**	**-$ 10.33**	**-50.56%**
Wholesale Market Service Charge (WMSC)	kWh	$ 0.0052	156	$ 0.81	$ 0.0052	155	$ 0.81	-$ 0.01	-0.83%
Rural and Remote Rate	kWh	$ 0.0013	156	$ 0.20	$ 0.0013	155	$ 0.20	-$ 0.00	-0.83%
Standard Supply Service Charge			1	$ -		1	$ -	$ -	
Debt Retirement Charge (DRC)	kWh	$ 0.0070	156	$ 1.09	$ 0.0070	155	$ 1.08	-$ 0.01	-0.83%
Energy - RPP - Tier 1	kWh	$ 0.0750	156	$ 11.72	$ 0.0750	155	$ 11.62	-$ 0.10	-0.83%
Energy - RPP - Tier 2	kWh	$ 0.0880	0	$ -	$ 0.0880	0	$ -	$ -	
TOU - Off Peak	kWh	$ 0.0650	100	$ 6.50	$ 0.0650	99	$ 6.45	-$ 0.05	-0.83%
TOU - Mid Peak	kWh	$ 0.1000	28	$ 2.81	$ 0.1000	28	$ 2.79	-$ 0.02	-0.83%
TOU - On Peak	kWh	$ 0.1170	28	$ 3.29	$ 0.1170	28	$ 3.26	-$ 0.03	-0.83%
Total Bill on RPP (before Taxes)				**$ 34.26**			**$ 23.82**	**-$ 10.44**	**-30.49%**
HST		13%		$ 4.45	13%		$ 3.10	-$ 1.36	-30.49%
Total Bill (including HST)				$ 38.71			$ 26.91	-$ 11.80	-30.49%
Ontario Clean Energy Benefit 1				-$ 3.87			-$ 2.69	$ 1.18	-30.49%
Total Bill on RPP (including OCEB)				**$ 34.84**			**$ 24.22**	**-$ 10.62**	**-30.49%**
Total Bill on TOU (before Taxes)				**$ 35.14**			**$ 24.69**	**-$ 10.45**	**-29.74%**
HST		13%		$ 4.57	13%		$ 3.21	-$ 1.36	-29.74%
Total Bill (including HST)				$ 39.71			$ 27.90	-$ 11.81	-29.74%
Ontario Clean Energy Benefit 1				-$ 3.97			-$ 2.79	$ 1.18	-29.72%
Total Bill on TOU (including OCEB)				**$ 35.74**			**$ 25.11**	**-$ 10.63**	**-29.74%**
Loss Factor (%)		4.20%			3.33%				

1 Applicable to eligible customers only. Refer to the Ontario Clean Energy Benefit Act, 2010

Note that the "Charge $" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing should cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000
GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000
GS>50kW (kW) - 60, 100, 500, 1000
Large User - range appropriate for utility
Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Appendix 2-W
Bill Impacts

Customer Class: Sentinel Lighting

Consumption 80 kWh

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	Proposed Rate ($)	Volume	Charge ($)	Impact $ Change	% Change
Monthly Service Charge	Monthly	$ 1.0100	1	$ 1.01	$ 2.0000	1	$ 2.00	$ 0.99	98.02%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	kW	$ 10.6876	0.2	$ 2.14	$ 19.3715	0.2	$ 3.87	$ 1.74	81.25%
Smart Meter Disposition Rider	Monthly	$ -	1	$ -	$ -	1	$ -	$ -	
LRAM & SSM Rate Rider	kW	$ -	0.2	$ -	$ -	0.2	$ -	$ -	
Stranded Meter Rate Rider	kW	$ -	0.2	$ -	$ -	0.2	$ -	$ -	
Sub-Total A				$ 3.15			$ 5.87	**$ 2.73**	**86.63%**
Rate Rider for Deferral/Variance Account Disposition	kW	-$ 0.9740	0.2	-$ 0.19	$ -	0.2	$ -	$ 0.19	-100.00%
Rate Rider for Deferral/Variance Account Disposition	kW	$ -	0.2	$ -	-$ 1.6187	0.2	-$ 0.32	-$ 0.32	
Low Voltage Service Charge	kWh	$ -	80	$ -	$ -	80	$ -	$ -	
Smart Meter Entity Charge						80	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 2.95**			**$ 5.55**	**$ 2.60**	**87.98%**
RTSR - Network	kW	$ 1.9396	0	$ 0.40	$ 1.9532	0	$ 0.40	$ 0.00	0.70%
RTSR - Line and Transformation Connection	kW	$ 1.4782	0	$ 0.31	$ 1.4697	0	$ 0.30	-$ 0.00	-0.58%
Sub-Total C - Delivery (including Sub-Total B)				**$ 3.66**			**$ 6.26**	**$ 2.60**	**71.03%**
Wholesale Market Service Charge (WMSC)	kWh	$ 0.0052	83	$ 0.43	$ 0.0052	83	$ 0.43	-$ 0.00	-0.83%
Rural and Remote Rate Protection (RRRP)	kWh	$ 0.0013	83	$ 0.11	$ 0.0013	83	$ 0.11	-$ 0.00	-0.83%
Standard Supply Service Charge			1	$ -		1	$ -	$ -	
Debt Retirement Charge (DRC)	kWh	$ 0.0070	83	$ 0.58	$ 0.0070	83	$ 0.58	-$ 0.00	-0.83%
Energy - RPP - Tier 1	kWh	$ 0.0750	83	$ 6.25	$ 0.0750	83	$ 6.20	-$ 0.05	-0.83%
Energy - RPP - Tier 2	kWh	$ 0.0880	0	$ -	$ 0.0880	0	$ -	$ -	
TOU - Off Peak	kWh	$ 0.0650	53	$ 3.47	$ 0.0650	53	$ 3.44	-$ 0.03	-0.83%
TOU - Mid Peak	kWh	$ 0.1000	15	$ 1.50	$ 0.1000	15	$ 1.49	-$ 0.01	-0.83%
TOU - On Peak	kWh	$ 0.1170	15	$ 1.76	$ 0.1170	15	$ 1.74	-$ 0.01	-0.83%
Total Bill on RPP (before Taxes)				**$ 11.04**			**$ 13.57**	**$ 2.54**	**22.99%**
HST		13%		$ 1.43	13%		$ 1.76	$ 0.33	22.99%
Total Bill (including HST)				$ 12.47			$ 15.34	$ 2.87	22.99%
Ontario Clean Energy Benefit 1				-$ 1.25			-$ 1.53	-$ 0.28	22.40%
Total Bill on RPP (including OCEB)				**$ 11.22**			**$ 13.81**	**$ 2.59**	**23.06%**
Total Bill on TOU (before Taxes)				**$ 11.51**			**$ 14.04**	**$ 2.53**	**22.01%**
HST		13%		$ 1.50	13%		$ 1.83	$ 0.33	22.01%
Total Bill (including HST)				$ 13.00			$ 15.87	$ 2.86	22.01%
Ontario Clean Energy Benefit 1				-$ 1.30			-$ 1.59	-$ 0.29	22.31%
Total Bill on TOU (including OCEB)				**$ 11.70**			**$ 14.28**	**$ 2.57**	**21.98%**
Loss Factor (%)		4.20%			3.33%				

1 Applicable to eligible customers only. Refer to the Ontario Clean Energy Benefit Act, 2010

Note that the "Charge $" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing should cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000
GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000
GS>50kW (kW) - 60, 100, 500, 1000
Large User - range appropriate for utility
Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Appendix 2-W
Bill Impacts

Customer Class: Street Lighting

Consumption 150 kWh

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	Proposed Rate ($)	Volume	Charge ($)	Impact $ Change	Impact % Change
Monthly Service Charge	Monthly	$ 1,700.5900	1	$ 1,700.59	$ 1,700.0000	1	$ 1,700.00	-$ 0.59	-0.03%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	kW	$ 12.0665	1	$ 12.07	$ 9.1332	1	$ 9.13	-$ 2.93	-24.31%
Smart Meter Disposition Rider	Monthly	$ -	1	$ -	$ -	1	$ -	$ -	
LRAM & SSM Rate Rider	kW	$ -	1	$ -	$ -	1	$ -	$ -	
Stranded Meter Rate Rider	kW	$ -	1	$ -	$ -	1	$ -	$ -	
Sub-Total A				$ 1,712.66			$ 1,709.13	**-$ 3.52**	**-0.21%**
Rate Rider for Deferral/Variance Account Disposition	kW	-$ 1.0989	1	-$ 1.10	$ -	1	$ -	$ 1.10	-100.00%
Rate Rider for Deferral/Variance Account Disposition	kW	$ -	1	$ -	-$ 1.5282	1	-$ 1.53	-$ 1.53	
Low Voltage Service Charge	kWh	$ -	150	$ -	$ -	150	$ -	$ -	
Smart Meter Entity Charge						150	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 1,711.56**			**$ 1,707.61**	**-$ 3.95**	**-0.23%**
RTSR - Network	kW	$ 1.9347	1	$ 2.00	$ 1.9483	1	$ 2.01	$ 0.01	0.70%
RTSR - Line and Transformation Connection	kW	$ 1.4744	1	$ 1.52	$ 1.4659	1	$ 1.51	-$ 0.01	-0.58%
Sub-Total C - Delivery (including Sub-Total B)				**$ 1,715.08**			**$ 1,711.13**	**-$ 3.95**	**-0.23%**
Wholesale Market Service Charge (WMSC)	kWh	$ 0.0052	156	$ 0.81	$ 0.0052	155	$ 0.81	-$ 0.01	-0.83%
Rural and Remote Rate Protection (RRRP)	kWh	$ 0.0013	156	$ 0.20	$ 0.0013	155	$ 0.20	-$ 0.00	-0.83%
Standard Supply Service Charge			1	$ -		1	$ -	$ -	
Debt Retirement Charge (DRC)	kWh	$ 0.0070	156	$ 1.09	$ 0.0070	155	$ 1.08	-$ 0.01	-0.83%
Energy - RPP - Tier 1	kWh	$ 0.0750	156	$ 11.72	$ 0.0750	155	$ 11.62	-$ 0.10	-0.83%
Energy - RPP - Tier 2	kWh	$ 0.0880	0	$ -	$ 0.0880	0	$ -	$ -	
TOU - Off Peak	kWh	$ 0.0650	100	$ 6.50	$ 0.0650	99	$ 6.45	-$ 0.05	-0.83%
TOU - Mid Peak	kWh	$ 0.1000	28	$ 2.81	$ 0.1000	28	$ 2.79	-$ 0.02	-0.83%
TOU - On Peak	kWh	$ 0.1170	28	$ 3.29	$ 0.1170	28	$ 3.26	-$ 0.03	-0.83%
Total Bill on RPP (before Taxes)				**$ 1,728.91**			**$ 1,724.85**	**-$ 4.06**	**-0.23%**
HST		13%		$ 224.76	13%		$ 224.23	-$ 0.53	-0.23%
Total Bill (including HST)				$ 1,953.67			$ 1,949.08	-$ 4.59	-0.23%
Ontario Clean Energy Benefit 1				-$ 195.37			-$ 194.91	$ 0.46	-0.24%
Total Bill on RPP (including OCEB)				**$ 1,758.30**			**$ 1,754.17**	**-$ 4.13**	**-0.23%**
Total Bill on TOU (before Taxes)				**$ 1,729.80**			**$ 1,725.73**	**-$ 4.07**	**-0.24%**
HST		13%		$ 224.87	13%		$ 224.34	-$ 0.53	-0.24%
Total Bill (including HST)				$ 1,954.67			$ 1,950.07	-$ 4.60	-0.24%
Ontario Clean Energy Benefit 1				-$ 195.47			-$ 195.01	$ 0.46	-0.24%
Total Bill on TOU (including OCEB)				**$ 1,759.20**			**$ 1,755.06**	**-$ 4.14**	**-0.24%**
Loss Factor (%)		4.20%			3.33%				

1 Applicable to eligible customers only. Refer to the Ontario Clean Energy Benefit Act, 2010

Note that the "Charge $" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing should cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000
GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000
GS>50kW (kW) - 60, 100, 500, 1000
Large User - range appropriate for utility
Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Exhibit 9:

DEFERRAL AND VARIANCE ACCOUNTS

Exhibit 9: Deferral And Variance Accounts

Tab 1 (of 5): Status of Deferral and Variance Accounts

DESCRIPTION OF DEFERRAL AND VARIANCE ACCOUNTS

This schedule contains descriptions of Deferral and Variance Accounts "DVAs" currently used by THI.

RSVA/RCVA Accounts

THI uses the accrual method of accounting for RSVA accounts. This method has been used consistently over time and is applied to all RSVA accounts. Account 1588 includes the variance between the Board-approved loss factor and the actual loss factor.

1580 Retail Settlement Variance Account – Wholesale Market Service Charges

Description: This account is used to record the net of the amount charged by the Independent Electricity System Operator "IESO" based on the settlement invoice for the operation of the IESO-administered markets, the operation of the IESO controlled grid, and the amount billed to customers using the OEB-approved Wholesale Market Service Rate.

1584 Retail Settlement Variance Account – Retail Transmission Network Charges

Description: This account is used to record the net of the amount charged by the IESO based on the settlement invoice for transmission network services, and the amount billed to customer using the OEB-approved Transmission Network Charge.

1586 Retail Settlement Variance Account – Retail Transmission Connection Charges

Description: This account is used to record the net of the amount charged by the IESO based on the settlement invoice for transmission connection services, and the amount billed to customers using the OEB-approved Transmission Connection Charge.

1588 Retail Settlement Variance Account – Power

Description: This account is used to record the net difference between the energy amount billed to customers and the energy charge to THI using the settlement invoice from the IESO.

1588/1589 Retail Settlement Variance Account – Power, Sub-account Global Adjustments

Description: This account is used to record the net difference between the global adjustment billed to non-Regulated Price Plan consumers and the global adjustment charged to THI using the settlement invoice from the IESO.

Non RSVA/RCVA Accounts

1508 Other Regulatory Assets

Description: This account includes amounts of regulatory-created assets, not included in other accounts, resulting from the ratemaking actions of the OEB.

1508 Other Regulatory Assets – Sub-account Deferred IFRS Transition Costs

Description: This account is a one-time administrative incremental IFRS transition costs, which are not already approved and included in recovery in distribution rates.

1521 Subaccount 2010 Special Purpose Charge (SPC) Assessment Variance

Description: This account was used to record any difference between the amount remitted to the Minister of Finance for THI's SPC assessment and the amount THI recovered from customers

Carrying charges applied to the monthly opening debit or credit balance in "Subaccount 2010 SPC Assessment Variance" and were recorded in "Sub-account 2010 SPC Assessment Carrying Charges" of Account 1521. Any carrying charges were calculated using simple interest, at the Board's prescribed interest rates.

Use of this account ceased on May 1, 2012 as the balance was approved for final disposition and moved to account 1595.

1555 Smart Meter Capital and Recovery Offset Variance

Description: This account records the net of the amounts paid for capitalized direct costs related to the smart meter program and the amounts charged to customers using the OEB-approved smart meter rate added. Stranded Meter Costs have been considered under 1555 – Stranded Meter Cost subaccount

1556 Smart Meter OM&A Variance

Description: This account records the incremental operating, maintenance, and administrative expenses directly related to smart meters.

1562 Deferred Payments in Lieu of Taxes

Description: This account recorded the amount resulting from the OEB-approved PILs methodology for determining the 2011 deferral account allowance and the PILs proxy amount determined for 2002 and subsequent periods ending April 30, 2006.

Use of this account ceased on May 1, 2012 when the balance was approved for final disposition and moved to account 1595

1595 Disposition and Recovery of Regulatory Balances Control Account

Description: This account is used to record the deferral and variance account balances approved in 2009 and the associated rate recoveries. For deferral and variance account balances approved in 2010, 2011 and 2012 IRM, the Board has approved "Sub-account Principal Balances Approved for Disposition in 2010, 2011 and 2012." THI records in this sub-account of account 1595 the 2010, 2011

and 2012 approved principle account balances and amounts recovered (or refunds) in rates through regulatory asset or deferral and variance accounts rate riders.

DEFERRAL AND VARIANCE ACCOUNT BALANCES

The continuity statements for THI's deferral and variance accounts, beginning with the 2010 actual opening balances as these reflect the amounts which were previously reviewed by the Board is presented at E9/T1/S2/Att1.

The year-ending balances are consistent with the historical results reported in E1/T3/S2/Att1, except for Account 1555 Smart Meter Capital Variance and Account 1556 Smart Meter OM&A. Based on a detail review of the accounts for purposes of the smart meter model, it was determined that the balance reported for these accounts was overstated by $28k and $17k respectively. The revised balances were reflected in the smart meter model.

THI has applied carrying charges to its balances as permitted by the APH using the prescribed interest rates published quarterly on the Board's website.

EB-2012-0168

Exhibit 9

Tab 1

Schedule 2

Attachment 1

Continuity Statements for Deferral/Variance Accounts

Account Descriptions	Account Number	2010										
		Opening Principal Amounts as of Jan-1-10	Transactions Debit / (Credit) during 2010 excluding interest and adjustments [3]	Board-Approved Disposition during 2010	Adjustments during 2010 - other [2]	Closing Principal Balance as of Dec-31-10	Opening Interest Amounts as of Jan-1-10	Interest Jan-1 to Dec-31-10	Board-Approved Disposition during 2010	Adjustments during 2010 - other [2]	Closing Interest Amounts as of Dec-31-10
Group 1 Accounts											
LV Variance Account	1550	$ -				$ -	$ -				$ -
RSVA - Wholesale Market Service Charge	1580	$ -			-$ 224,292	-$ 224,292	$ -			-$ 5,033	-$ 5,033
RSVA - Retail Transmission Network Charge	1584	$ -			-$ 61,959	-$ 61,959	$ -			-$ 1,832	-$ 1,832
RSVA - Retail Transmission Connection Charge	1586	$ -			$ 96,306	$ 96,306	$ -			$ 705	$ 705
RSVA - Power (excluding Global Adjustment)	1588	$ -			-$ 102,367	-$ 102,367	$ -			$ 50,303	$ 50,303
RSVA - Power - Sub-account - Global Adjustment	1588	$ -			$ 405,388	$ 405,388	$ -			-$ 50,623	-$ 50,623
Recovery of Regulatory Asset Balances	1590	$ -				$ -	$ -				$ -
Disposition and Recovery/Refund of Regulatory Balances (2008)[7]	1595	$ -				$ -	$ -				$ -
Disposition and Recovery/Refund of Regulatory Balances (2009)[7]	1595	$ -			$ 52,692	$ 52,692	$ -			-$ 7,228	-$ 7,228
Disposition and Recovery/Refund of Regulatory Balances (2010)[7]	1595	$ -			-$ 157,228	-$ 157,228	$ -			$ 2,531	$ 2,531
Group 1 Sub-Total (including Account 1588 - Global Adjustment)		$ -	$ -	$ -	$ 8,540	$ 8,540	$ -	$ -	$ -	-$ 11,177	-$ 11,177
Group 1 Sub-Total (excluding Account 1588 - Global Adjustment)		$ -	$ -	$ -	-$ 396,848	-$ 396,848	$ -	$ -	$ -	$ 39,446	$ 39,446
RSVA - Power - Sub-account - Global Adjustment	**1588**	$ -	$ -	$ -	$ 405,388	$ 405,388	$ -	$ -	$ -	-$ 50,623	-$ 50,623
Group 2 Accounts											
Other Regulatory Assets - Sub-Account - OEB Cost Assessments	1508	$ -				$ -	$ -				$ -
Other Regulatory Assets - Sub-Account - Pension Contributions	1508	$ -				$ -	$ -				$ -
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	$ -				$ -	$ -				$ -
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	$ -				$ -	$ -				$ -
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act[8]	1508	$ -				$ -	$ -				$ -
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Carrying Charges	1508	$ -				$ -	$ -				$ -
Other Regulatory Assets - Sub-Account - Other [4]	1508	$ -				$ -	$ -				$ -
Retail Cost Variance Account - Retail	1518	$ -				$ -	$ -				$ -
Misc. Deferred Debits	1525	$ -				$ -	$ -				$ -
Renewable Generation Connection Capital Deferral Account	1531	$ -				$ -	$ -				$ -
Renewable Generation Connection OM&A Deferral Account	1532	$ -				$ -	$ -				$ -
Renewable Generation Connection Funding Adder Deferral Account	1533	$ -				$ -	$ -				$ -
Smart Grid Capital Deferral Account	1534	$ -				$ -	$ -				$ -
Smart Grid OM&A Deferral Account	1535	$ -				$ -	$ -				$ -
Smart Grid Funding Adder Deferral Account	1536	$ -				$ -	$ -				$ -
Retail Cost Variance Account - STR	1548	$ -				$ -	$ -				$ -
Board-Approved CDM Variance Account	1567					$ -	$ -				$ -
Extra-Ordinary Event Costs	1572	$ -				$ -	$ -				$ -
Deferred Rate Impact Amounts	1574	$ -				$ -	$ -				$ -
RSVA - One-time	1582	$ -				$ -	$ -				$ -
Other Deferred Credits	2425	$ -				$ -	$ -				$ -
Group 2 Sub-Total		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Deferred Payments in Lieu of Taxes	1562	$ -			-$ 57,006	-$ 57,006	$ -			-$ 6,353	-$ 6,353
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592	$ -				$ -	$ -				$ -
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592	$ -				$ -	$ -				$ -
Total of Group 1 and Group 2 Accounts (including 1562 and 1592)		$ -	$ -	$ -	-$ 48,466	-$ 48,466	$ -	$ -	$ -	-$ 17,530	-$ 17,530

Account Descriptions	Account Number	2010									
		Opening Principal Amounts as of Jan-1-10	Transactions Debit / (Credit) during 2010 excluding interest and adjustments [3]	Board-Approved Disposition during 2010	Adjustments during 2010 - other [2]	Closing Principal Balance as of Dec-31-10	Opening Interest Amounts as of Jan-1-10	Interest Jan-1 to Dec-31-10	Board-Approved Disposition during 2010	Adjustments during 2010 - other [2]	Closing Interest Amounts as of Dec-31-10
Special Purpose Charge Assessment Variance Account[9]	1521					$ -					$ -
LRAM Variance Account	1568					$ -					$ -
Total including Account 1521 and Account 1568		$ -	$ -	$ -	-$ 48,466	-$ 48,466	$ -	$ -	$ -	-$ 17,530	-$ 17,530
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital[11]	1555	$ -			$ 1,128,522	$ 1,128,522	$ -			$ 255	$ 255
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries[11]	1555	$ -			-$ 209,702	-$ 209,702	$ -				$ -
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs[11]	1555	$ -			$ 35,314	$ 35,314	$ -				$ -
Smart Meter OM&A Variance[11]	1556	$ -			$ 37,303	$ 37,303	$ -	$ 83		$ 83	$ 166
The following is not included in the total claim but are included on a memo basis:											
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	$ -			$ 1,509	$ 1,509	$ -			$ 12	$ 12
IFRS-CGAAP Transition PP&E Amounts[10]	1575	$ -				$ -	$ -				$ -
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Contra Account	1592	$ -			-$ 64,982	-$ 64,982	$ -			-$ 142	-$ 142
Disposition and Recovery/Refund of Regulatory Balances (2011)[7]	1595	$ -				$ -	$ -				$ -

For all Board-Approved dispositions, please ensure that the disposition amount has the same sign (e.g: debit b negative figure) as per the related Board decision.

Provide supporting statement indicating whether due to denial of costs in 2006 EDR by the Board, 10% transition costs write-off, etc.

Adjustments Instructed by the Board include deferral/variance account balances moved to Account 1590 as a result of the 2006 EDR and

Please provide explanations for the nature of the adjustments. If the adjustment relates to previously Board Approved disposed balances,

For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transactions during th

Please describe "other" components of 1508 and add more component lines if necessary.

1563 is a contra-account and is not included in the total but is shown on a memo basis. Account 1562 establishes the obligation to the ra
If the LDC's 2013 rate year begins January 1, 2013, the projected interest is recorded from January 1, 2012 to December 31, 2012 on th
2012 rate decision. If the LDC's 2013 rate year begins May 1, 2013 the projected interest is recorded from January 1, 2012 to April 30, 2
Board in the 2012 rate decision.

Include Account 1595 as part of Group 1 accounts (lines 31, 32 and 33) for review and disposition if the recovery (or refund) period has b

balances in Account 1595 on a memo basis only (line 85).

As per the January 6, 2011 Letter from the Board, regarding the implementation of the Ontario Clean Energy Benefit:
"By way of exception... The Board does acticipate that licensed distributors that cannot adapt their invoices as of January 1, 2011 will requ

balances in "Sub account Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act" will be addressed th

The Board expected that requests for disposition of the balances in Account 1521 were to be addressed as part of the proceedings to set
non-compliance with the timeline set out in section 8 of the SPC regulation.

Account 1575 shall not be cleared through the distributor's deferral and variance account rate rider. Account 1575 shall be cleared as an a

Deferral accounts related to Smart Meter deployment are not to be recovered/refunded through the Deferral and Variance Account rate ric
Guideline: Smart Meter Disposition and Cost Recovery (G-2011-0001)

Account Descriptions	Account Number	2011												
		Opening Principal Amounts as of Jan-1-11	Transactions Debit / (Credit) during 2011 excluding interest and adjustments [3]	Board-Approved Disposition during 2011	Other [2] Adjustments during Q1 2011	Other [2] Adjustments during Q2 2011	Other [2] Adjustments during Q3 2011	Other [2] Adjustments during Q4 2011	Closing Principal Balance as of Dec-31-11	Opening Interest Amounts as of Jan-1-11	Interest Jan-1 to Dec-31-11	Board-Approved Disposition during 2011	Adjustments during 2011 - other [2]
Group 1 Accounts														
LV Variance Account	1550	$ -							$ -	$ -			
RSVA - Wholesale Market Service Charge	1580	-$ 224,292	-$ 193,416	-$ 124,121					-$ 293,587	-$ 5,033	$ 395	$ 1,877	
RSVA - Retail Transmission Network Charge	1584	-$ 61,959	$ 22,001	-$ 207,476					$ 167,518	-$ 1,832	$ 14,882	$ 6,908	
RSVA - Retail Transmission Connection Charge	1586	$ 96,306	-$ 34,354	$ 7,626					$ 54,327	$ 705	$ 3,695	$ 1,327	
RSVA - Power (excluding Global Adjustment)	1588	-$ 102,367	-$ 559,207	$ 60,884					-$ 722,457	$ 50,303	-$ 114,078	-$ 54,361	
RSVA - Power - Sub-account - Global Adjustment	1588	$ 405,388	$ 541,452	$ 674,152					$ 272,688	-$ 50,623	$ 88,156	$ 42,472	
Recovery of Regulatory Asset Balances	1590	$ -							$ -	$ -			
Disposition and Recovery/Refund of Regulatory Balances (2008)[7]	1595	$ -							$ -	$ -			
Disposition and Recovery/Refund of Regulatory Balances (2009)[7]	1595	$ 52,692	$ 82,546						$ 135,238	-$ 7,228	$ 1,936		
Disposition and Recovery/Refund of Regulatory Balances (2010)[7]	1595	-$ 157,228	$ 84,751						-$ 72,478	$ 2,531	-$ 1,204		
Group 1 Sub-Total (including Account 1588 - Global Adjustment)		$ 8,540	-$ 56,227	$ 411,064	$ -	$ -	$ -	$ -	-$ 458,751	-$ 11,177	-$ 6,217	-$ 1,777	$ -
Group 1 Sub-Total (excluding Account 1588 - Global Adjustment)		-$ 396,848	-$ 597,679	-$ 263,088	$ -	$ -	$ -	$ -	-$ 731,439	$ 39,446	-$ 94,373	-$ 44,249	$ -
RSVA - Power - Sub-account - Global Adjustment	**1588**	$ 405,388	$ 541,452	$ 674,152	$ -	$ -	$ -	$ -	$ 272,688	-$ 50,623	$ 88,156	$ 42,472	$ -
Group 2 Accounts														
Other Regulatory Assets - Sub-Account - OEB Cost Assessments	1508	$ -							$ -	$ -			
Other Regulatory Assets - Sub-Account - Pension Contributions	1508	$ -							$ -	$ -			
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	$ -							$ -	$ -			
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	$ -							$ -	$ -			
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act[8]	1508	$ -							$ -	$ -			
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Carrying Charges	1508	$ -							$ -	$ -			
Other Regulatory Assets - Sub-Account - Other [4]	1508	$ -							$ -	$ -			
Retail Cost Variance Account - Retail	1518	$ -							$ -	$ -			
Misc. Deferred Debits	1525	$ -							$ -	$ -			
Renewable Generation Connection Capital Deferral Account	1531	$ -							$ -	$ -			
Renewable Generation Connection OM&A Deferral Account	1532	$ -							$ -	$ -			
Renewable Generation Connection Funding Adder Deferral Account	1533	$ -							$ -	$ -			
Smart Grid Capital Deferral Account	1534	$ -							$ -	$ -			
Smart Grid OM&A Deferral Account	1535	$ -							$ -	$ -			
Smart Grid Funding Adder Deferral Account	1536	$ -							$ -	$ -			
Retail Cost Variance Account - STR	1548	$ -							$ -	$ -			
Board-Approved CDM Variance Account	1567	$ -							$ -	$ -			
Extra-Ordinary Event Costs	1572	$ -							$ -	$ -			
Deferred Rate Impact Amounts	1574	$ -							$ -	$ -			
RSVA - One-time	1582	$ -							$ -	$ -			
Other Deferred Credits	2425	$ -							$ -	$ -			
Group 2 Sub-Total		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Deferred Payments in Lieu of Taxes	1562	-$ 57,006	-$ 91,327						-$ 148,333	-$ 6,353	-$ 30,595		
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592	$ -							$ -	$ -			
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592	$ -							$ -	$ -			
Total of Group 1 and Group 2 Accounts (including 1562 and 1592)		-$ 48,466	-$ 147,554	$ 411,064	$ -	$ -	$ -	$ -	-$ 607,084	-$ 17,530	-$ 36,812	-$ 1,777	$ -

Account Descriptions	Account Number	2011														
		Opening Principal Amounts as of Jan-1-11	Transactions Debit / (Credit) during 2011 excluding interest and adjustments [3]	Board-Approved Disposition during 2011	Other [2] Adjustments during Q1 2011	Other [2] Adjustments during Q2 2011	Other [2] Adjustments during Q3 2011	Other [2] Adjustments during Q4 2011	Closing Principal Balance as of Dec-31-11	Opening Interest Amounts as of Jan-1-11	Interest Jan-1 to Dec-31-11	Board-Approved Disposition during 2011	Adjustments during 2011 - other [2]
Special Purpose Charge Assessment Variance Account[9]	1521	$ -	-$ 30,199		$ 39,726				$ 9,527	$ -	$ 249		$ 309
LRAM Variance Account	1568	$ -							$ -	$ -			
Total including Account 1521 and Account 1568		-$ 48,466	-$ 177,754	$ 411,064	$ 39,726	$ -	$ -	$ -	-$ 597,558	-$ 17,530	-$ 36,563	-$ 1,777	$ 309
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital[11]	1555	$ 1,128,522	$ 145,208					-$ 27,915	$ 1,245,815	$ 255	$ 14,017		
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries[11]	1555	-$ 209,702	-$ 177,843						-$ 387,545	$ -			
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs[11]	1555	$ 35,314	$ -						$ 35,314	$ -			
Smart Meter OM&A Variance[11]	1556	$ 37,303	$ 75,739					-$ 17,245	$ 95,797	$ 166	$ 964		
The following is not included in the total claim but are included on a memo basis:													
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	$ 1,509	$ 1,610						$ 3,120	$ 12	$ 30		
IFRS-CGAAP Transition PP&E Amounts[10]	1575	$ -							$ -	$ -			
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Contra Account	1592	-$ 64,982	$ 16,789						-$ 48,193	-$ 142	-$ 291		
Disposition and Recovery/Refund of Regulatory Balances (2011)[7]	1595	$ -	-$ 231,603	-$ 411,064					$ 179,462	$ -	$ 3,267	-$ 1,777	

For all Board-Approved dispositions, please ensure that the disposition amount has the same sign (e.g: debit b negative figure) as per the related Board decision.

Provide supporting statement indicating whether due to denial of costs in 2006 EDR by the Board, 10% transition costs write-off, etc.

Adjustments Instructed by the Board include deferral/variance account balances moved to Account 1590 as a result of the 2006 EDR anc

Please provide explanations for the nature of the adjustments. If the adjustment relates to previously Board Approved disposed balances,

For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transactions during th

Please describe "other" components of 1508 and add more component lines if necessary.

1563 is a contra-account and is not included in the total but is shown on a memo basis. Account 1562 establishes the obligation to the ra
If the LDC's 2013 rate year begins January 1, 2013, the projected interest is recorded from January 1, 2012 to December 31, 2012 on th
2012 rate decision. If the LDC's 2013 rate year begins May 1, 2013 the projected interest is recorded from January 1, 2012 to April 30, 2
Board in the 2012 rate decision.

Include Account 1595 as part of Group 1 accounts (lines 31, 32 and 33) for review and disposition if the recovery (or refund) period has b

balances in Account 1595 on a memo basis only (line 85).

As per the January 6, 2011 Letter from the Board, regarding the implementation of the Ontario Clean Energy Benefit:
"By way of exception... The Board does acticipate that licensed distributors that cannot adapt their invoices as of January 1, 2011 will requ

balances in "Sub account Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act" will be addressed th

The Board expected that requests for disposition of the balances in Account 1521 were to be addressed as part of the proceedings to set
non-compliance with the timeline set out in section 8 of the SPC regulation.

Account 1575 shall not be cleared through the distributor's deferral and variance account rate rider. Account 1575 shall be cleared as an a

Deferral accounts related to Smart Meter deployment are not to be recovered/refunded through the Deferral and Variance Account rate ric
Guideline: Smart Meter Disposition and Cost Recovery (G-2011-0001)

Account Descriptions	Account Number	Closing Interest Amounts as of Dec-31-11	2012 Principal Disposition during 2012 - instructed by Board	2012 Interest Disposition during 2012 - instructed by Board	2012 Closing Principal Balances as of Dec 31-11 Adjusted for Dispositions during 2012	2012 Closing Interest Balances as of Dec 31-11 Adjusted for Dispositions during 2012	Projected Interest on Dec-31-11 Balances: Projected Interest from Jan 1, 2012 to December 31, 2012 on Dec 31 -11 balance adjusted for disposition during 2012 [6]	Projected Interest on Dec-31-11 Balances: Projected Interest from January 1, 2013 to April 30, 2013 on Dec 31 -11 balance adjusted for disposition during 2012 [6]	Total Claim	2.1.7 RRR: As of Dec 31-11	Variance RRR vs. 2011 Balance (Principal + Interest)
Group 1 Accounts											
LV Variance Account	1550	$ -			$ -	$ -			$ -		$ -
RSVA - Wholesale Market Service Charge	1580	-$ 6,514	-$ 100,171	$ 5,018	-$ 193,416	-$ 11,532	-$ 2,843	-$ 935	-$ 208,727	-$ 300,102	$ -
RSVA - Retail Transmission Network Charge	1584	$ 6,141	$ 145,518	$ 7,918	$ 22,000	-$ 1,777	$ 323	$ 106	$ 20,654	$ 173,660	$ -
RSVA - Retail Transmission Connection Charge	1586	$ 3,072	$ 88,681	$ 3,764	-$ 34,354	-$ 692	-$ 505	-$ 166	-$ 35,717	$ 57,399	$ -
RSVA - Power (excluding Global Adjustment)	1588	-$ 9,413	-$ 163,250	$ 7,246	-$ 559,207	-$ 16,659	-$ 8,220	-$ 2,703	-$ 586,789	-$ 731,870	$ 0
RSVA - Power - Sub-account - Global Adjustment	1588	-$ 4,939	-$ 268,764	$ 13,401	$ 541,452	-$ 18,340	$ 7,959	$ 2,617	$ 533,688	$ 267,749	$ -
Recovery of Regulatory Asset Balances	1590	$ -			$ -	$ -	$ -	$ -	$ -		$ -
Disposition and Recovery/Refund of Regulatory Balances (2008)[7]	1595	$ -			$ -	$ -	$ -	$ -	$ -		$ -
Disposition and Recovery/Refund of Regulatory Balances (2009)[7]	1595	-$ 5,292			$ 135,238	-$ 5,292	$ 1,988	$ 654	$ 132,587	$ 129,946	$ -
Disposition and Recovery/Refund of Regulatory Balances (2010)[7]	1595	$ 1,328			-$ 72,478	$ 1,328	-$ 1,065	-$ 350	-$ 72,566	-$ 71,150	$ -
Group 1 Sub-Total (including Account 1588 - Global Adjustment)		-$ 15,617	-$ 297,986	$ 37,347	-$ 160,765	-$ 52,964	-$ 2,363	-$ 777	-$ 216,869	-$ 474,368	$ 0
Group 1 Sub-Total (excluding Account 1588 - Global Adjustment)		-$ 10,678	-$ 29,222	$ 23,946	-$ 702,217	-$ 34,624	-$ 10,323	-$ 3,394	-$ 750,558	-$ 742,118	$ 0
RSVA - Power - Sub-account - Global Adjustment	**1588**	-$ 4,939	-$ 268,764	$ 13,401	$ 541,452	-$ 18,340	$ 7,959	$ 2,617	$ 533,688	$ 267,749	$ -
Group 2 Accounts											
Other Regulatory Assets - Sub-Account - OEB Cost Assessments	1508	$ -			$ -	$ -			$ -		$ -
Other Regulatory Assets - Sub-Account - Pension Contributions	1508	$ -			$ -	$ -			$ -		$ -
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	$ -			$ -	$ -			$ -		$ -
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	$ -			$ -	$ -			$ -		$ -
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act[8]	1508	$ -			$ -	$ -			$ -		$ -
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Carrying Charges	1508	$ -			$ -	$ -			$ -		$ -
Other Regulatory Assets - Sub-Account - Other [4]	1508	$ -			$ -	$ -			$ -		$ -
Retail Cost Variance Account - Retail	1518	$ -			$ -	$ -			$ -		$ -
Misc. Deferred Debits	1525	$ -			$ -	$ -			$ -		$ -
Renewable Generation Connection Capital Deferral Account	1531	$ -			$ -	$ -			$ -		$ -
Renewable Generation Connection OM&A Deferral Account	1532	$ -			$ -	$ -			$ -		$ -
Renewable Generation Connection Funding Adder Deferral Account	1533	$ -			$ -	$ -			$ -		$ -
Smart Grid Capital Deferral Account	1534	$ -			$ -	$ -			$ -		$ -
Smart Grid OM&A Deferral Account	1535	$ -			$ -	$ -			$ -		$ -
Smart Grid Funding Adder Deferral Account	1536	$ -			$ -	$ -			$ -		$ -
Retail Cost Variance Account - STR	1548	$ -			$ -	$ -			$ -		$ -
Board-Approved CDM Variance Account	1567	$ -			$ -	$ -			$ -		$ -
Extra-Ordinary Event Costs	1572	$ -			$ -	$ -			$ -		$ -
Deferred Rate Impact Amounts	1574	$ -			$ -	$ -			$ -		$ -
RSVA - One-time	1582	$ -			$ -	$ -			$ -		$ -
Other Deferred Credits	2425	$ -			$ -	$ -			$ -		$ -
Group 2 Sub-Total		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Deferred Payments in Lieu of Taxes	1562	-$ 36,948	-$ 148,333	-$ 37,671	$ -	$ 723	-$ 723	$ -	$ -	-$ 185,281	$ -
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592	$ -			$ -	$ -			$ -		$ -
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592	$ -			$ -	$ -			$ -		$ -
											$ -
Total of Group 1 and Group 2 Accounts (including 1562 and 1592)		-$ 52,565	-$ 446,319	-$ 324	-$ 160,765	-$ 52,241	-$ 3,086	-$ 777	-$ 216,869	-$ 659,649	$ 0

Account Descriptions	Account Number	Closing Interest Amounts as of Dec-31-11	2012				Projected Interest on Dec-31-11 Balances			2.1.7 RRR	
			Principal Disposition during 2012 - instructed by Board	Interest Disposition during 2012 - instructed by Board	Closing Principal Balances as of Dec 31-11 Adjusted for Dispositions during 2012	Closing Interest Balances as of Dec 31-11 Adjusted for Dispositions during 2012	Projected Interest from Jan 1, 2012 to December 31, 2012 on Dec 31 -11 balance adjusted for disposition during 2012 [6]	Projected Interest from January 1, 2013 to April 30, 2013 on Dec 31 -11 balance adjusted for disposition during 2012 [6]	Total Claim	As of Dec 31-11	Variance RRR vs. 2011 Balance *(Principal + Interest)*
Special Purpose Charge Assessment Variance Account[9]	1521	$ 558	$ 9,527	$ 603	$ -	-$ 46	$ 46	$ -	-$ 0	$ 10,084	$ -
											$ -
LRAM Variance Account	1568	$ -			$ -	$ -			$ -		$ -
Total including Account 1521 and Account 1568		-$ 52,007	-$ 436,792	$ 279	-$ 160,765	-$ 52,287	-$ 3,041	-$ 777	-$ 216,869	-$ 649,565	$ 0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital[11]	1555	$ 14,272			$ 1,245,815	$ 14,272	$ 18,313	$ 6,021	$ 1,284,421	$ 1,288,002	$ 27,915
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries[11]	1555	$ -			-$ 387,545	$ -	-$ 5,697	-$ 1,873	-$ 395,114	-$ 387,545	$ -
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs[11]	1555	$ -			$ 35,314	$ -	$ 519	$ 171	$ 36,003	$ 35,314	$ -
Smart Meter OM&A Variance[11]	1556	$ 1,131			$ 95,797	$ 1,131	$ 1,408	$ 463	$ 98,798	$ 114,172	$ 17,245
The following is not included in the total claim but are included on a memo basis:											
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	$ 42			$ 3,120	$ 42	-$ 787		$ 2,375	$ 3,162	$ -
IFRS-CGAAP Transition PP&E Amounts[10]	1575	$ -			$ -	$ -			$ -		$ -
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Contra Account	1592	-$ 433			-$ 48,193	-$ 433	-$ 708	-$ 233	-$ 49,568	-$ 48,626	$ -
Disposition and Recovery/Refund of Regulatory Balances (2011)[7]	1595	$ 5,044			$ 179,462	$ 5,044	$ 2,638	$ 867	$ 188,011	$ 184,506	$ -

For all Board-Approved dispositions, please ensure that the disposition amount has the same sign (e.g: debit b negative figure) as per the related Board decision.

Provide supporting statement indicating whether due to denial of costs in 2006 EDR by the Board, 10% transition costs write-off, etc.

Adjustments Instructed by the Board include deferral/variance account balances moved to Account 1590 as a result of the 2006 EDR anc

Please provide explanations for the nature of the adjustments. If the adjustment relates to previously Board Approved disposed balances,

For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transactions during th

Please describe "other" components of 1508 and add more component lines if necessary.

1563 is a contra-account and is not included in the total but is shown on a memo basis. Account 1562 establishes the obligation to the ra
If the LDC's 2013 rate year begins January 1, 2013, the projected interest is recorded from January 1, 2012 to December 31, 2012 on th
2012 rate decision. If the LDC's 2013 rate year begins May 1, 2013 the projected interest is recorded from January 1, 2012 to April 30, 2
Board in the 2012 rate decision.

Include Account 1595 as part of Group 1 accounts (lines 31, 32 and 33) for review and disposition if the recovery (or refund) period has b

balances in Account 1595 on a memo basis only (line 85).

As per the January 6, 2011 Letter from the Board, regarding the implementation of the Ontario Clean Energy Benefit:
"By way of exception... The Board does acticipate that licensed distributors that cannot adapt their invoices as of January 1, 2011 will requ

balances in "Sub account Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act" will be addressed th

The Board expected that requests for disposition of the balances in Account 1521 were to be addressed as part of the proceedings to set
non-compliance with the timeline set out in section 8 of the SPC regulation.

Account 1575 shall not be cleared through the distributor's deferral and variance account rate rider. Account 1575 shall be cleared as an

Deferral accounts related to Smart Meter deployment are not to be recovered/refunded through the Deferral and Variance Account rate ric
Guideline: Smart Meter Disposition and Cost Recovery (G-2011-0001)

Exhibit 9: Deferral And Variance Accounts

Tab 2 (of 5): Clearance of Deferral and Variance Accounts

SELECTION OF BALANCES FOR DISPOSITION

E9/T2/S1/Att1 presents the list of deferral and variance accounts, with the proposed accounts for disposition. E9/T1/S2/Att1 presented the Board's Deferral and Variance Account Workform continuity schedule. All account balances selected for disposition are as at December 31, 2011 being the most recent date the balances were subject to audit. Additional interest to April 30, 2013 has also been included in the proposed amounts for disposition.

The disposition of 1555 – Smart Meter Capital Variance account and 1556 – Smart Meter OM&A Variance account is proposed at E9/T4/S2.

Board policy states: *at the time of rebasing, all Account balances should be disposed of unless otherwise justified by the distributor or as required by a specific Board decision or guideline.*[1] The following accounts with non-zero balances have been excluded from THI's proposed dispositions:

[1] Report of the Board on Electricity Distributors' Deferral and Variance Account Review Initiative (EDDVAR) (EB-2008-0046), July 31, 2009, page 13

Table 1: Accounts Excluded from Proposed Dispositions

Account(s)	Justification
1508-Other Reg Assets – Deferred IFRS Transition	As at December 31, 2011, the utility had not implemented IFRS basis of accounting. As THI will be implementing IFRS as at January 1, 2013, disposition will be proposed in a future application.
1592-PILS & Tax Variance – Sub-Account HST/OVAT ITCs	The purpose of this account is to track the savings as a result of the implementation of HST, replacing GST and PST. As the 2009 EDR reflected the expense of PST, the savings are to be placed into this account until the next rebasing. Therefore, THI anticipates that use of this account will cease April 30, 2013 and that disposition will be proposed in a future application.
1521 – Special Purpose Charge Assessment Variance account 1562 – Deferred Payments in Lieu of Taxes	These accounts were cleared as at April 30, 2012, as per the Board's decision in EB-2011-0198

EB-2012-0168

Exhibit 9

Tab 2

Schedule 1

Attachment 1

Proposed Deferral/Variance Account Balance Recoveries

RateMaker 2011 release 1.0 © Elenchus Research Associates

G3 Proposed Deferral /Variance Account Balance Reco

Deferral / Variance Account	Recover Balance as at?	Additional Interest to 30 Apr/13?
1505-Unrecovered Plant and Regulatory Study Costs	No Recovery	NO
1508-Other Reg Assets-OEB Cost Assessments	No Recovery	NO
1508-Other Reg Assets-Pension Contributions	No Recovery	NO
1508-Other Reg Assets- Deferred IFRS Transition	No Recovery	NO
1508-Other Reg Assets- Incremental Capital	No Recovery	NO
1518-RCVARetail	No Recovery	NO
1521-Special Purpose Charge Assessment Variance Account	No Recovery	NO
1525-Miscellaneous Deferred Debits	No Recovery	NO
1530-Deferred Losses from Disposition of Utility Plant	No Recovery	NO
1531-Renewable Connection Capital Deferral	No Recovery	NO
1532-Renewable Connection OM&A Deferral	No Recovery	NO
1534-Smart Grid Capital Deferral	No Recovery	NO
1535-Smart Grid OM&A Deferral	No Recovery	NO
1540-Unamortized Loss on Reacquired Debt	No Recovery	NO
1545-Development Charge Deposits/ Receivables	No Recovery	NO
1548-RCVASTR	No Recovery	NO
1550-LV Variance Account	No Recovery	NO
1555-Smart Meters Capital Variance Account	31-Dec-11	YES
1556-Smart Meters OM&A Variance Account	31-Dec-11	YES
1560-Deferred Development Costs	No Recovery	NO
1562-Deferred Payments in Lieu of Taxes	No Recovery	NO
1563-Account 1563 - Deferred PILs Contra Account	No Recovery	NO
1565-Conservation and Demand Management Expenditures and Recoveries	No Recovery	NO
1566-CDM Contra Account	No Recovery	NO
1570-Qualifying Transition Costs	No Recovery	NO
1571-Pre-market Opening Energy Variance	No Recovery	NO
1572-Extraordinary Event Costs	No Recovery	NO
1574-Deferred Rate Impact Amounts	No Recovery	NO
1580-RSVAWMS	31-Dec-11	YES
1582-RSVAONE-TIME	No Recovery	NO
1584-RSVANW	31-Dec-11	YES
1586-RSVACN	31-Dec-11	YES
1588-RSVAPOWER Main Account	31-Dec-11	YES
1589-1588 Global Adjustment sub-account	31-Dec-11	YES
1590-Recovery of Regulatory Asset Balances	No Recovery	NO
1592-2006 PILs/Taxes Variance	No Recovery	NO
1595 - 2009 Variances	31-Dec-11	YES
1595 - 2010 Variances	31-Dec-11	YES
1595 - 2011 Variances	No Recovery	NO
1506-1508-Other Reg Assets-IFRS Transition Costs Sub-account	No Recovery	NO
1533-Renewable Generation Connection Funding Adder Deferral Account	No Recovery	NO
1536-Smart Grid Funding Adder Deferral Account	No Recovery	NO
1567-Board Approved CDM Programs Variance Account	No Recovery	NO
1575-IFRS-CGAPP Transitional PP&E Amounts	31-Dec-12	YES
1592-PILs and Tax Variance - Sub-Account HST/OVAT Input Tax Credits (ITCs)	No Recovery	NO
Total Recoveries		
Annual Recovery Amounts # years:	**1**	
Recovery Account #	**1595**	**1595-Dispositior**

[1] per sheet B5, except account 1590 (sheet C5)
[2] Interest Rate = 1.47% per sheet Y1

CALCULATION OF RATE RIDERS

E9/T2/S2/Att1 shows the proposed rate riders to dispose of all RSVA variance accounts, including 1589 – Global Adjustment (balance formerly in 1588 – Power – Global Adjustment sub-account); LRAM; and the smart meter disposition rate rider. The amounts for disposition have been allocated to individual customer classes using the allocators prescribed by the Board. THI has proposed disposition over 1 year, the default period established by the Board, and consistent with the disposition of the accounts in the last three years. THI is also proposing a stranded meter rate rider with disposition over 4 years to mitigate bill impact.

E9/T2/S2/Att2 shows the calculation of the proposed Deferral and Variance rate rider and the proposed Global Adjustment rate rider from the OEB Deferral/Variance Account Workform.

E9/T5/S2 shows the calculation of the proposed LRAM rate rider.

E9/T4/S2/Att1 shows the calculation of the proposed Smart Meter Rate Rider.

EB-2012-0168

Exhibit 9

Tab 2

Schedule 2

Attachment 1

Table of Proposed Rate Riders

Tillsonburg Hydro Inc. (ED-2003-0026)

2013 EDR Application (EB-2012-0168) version: 1

August 31, 2012

Final Rate Rider and Rate Adder

Enter proposed rates

Rate Description	Short Name	Rate Type	Billing Determinant	Residential	General Service < 50 kW	General Service > 50 to 499 kW	General Service > 500 to 1499 kW	General Service > 1,500 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting
Rate Rider for Global Adjusment Sub-Account (Applicable only to Non-RPP customers)	Global Adj	Global Adj	kWh	$0.0000	$0.0000	$0.0000		$0.0000			
Rate Rider for Deferral/Variance Account Disposition	DVA	Deferral Variance Acct	kW								
Rate Rider for LRAM/SSM	LRAM	LRAM	kW	$0.0001	$0.0002	$0.1112					
Stranded Meter Rate Rider	SMRR	Specific Rate Rider	kW	$0.0003	$0.0003						
Smart Meter Disposition Rider	SMDR	SM Disposition	Monthly	$1.2500	$5.7200						
Rate Rider for Global Adjusment Sub-Account (Applicable only to Non-RPP customers)	Global Adj	Global Adj	kWh	$0.0043	$0.0043	$1.4136	$1.7099	$2.1647	$0.0043		$1.5938
Rate Rider for Deferral/Variance Account Disposition	DVA	Deferral Variance Acct	kW	($0.0041)	($0.0041)	($1.3554)	($1.6395)	($2.0757)	($0.0041)	($1.6187)	($1.5282)

EB-2012-0168

Exhibit 9

Tab 2

Schedule 2

Attachment 2

Global Adjustment Rate Rider

Deferral/Variance Account Workform for 2013 Filers

Please indicate the Rate Rider Recovery Period (in years) | 1

Rate Rider Calculation for Deferral / Variance Accounts Balances (excluding Global Adj.)

Rate Class (Enter Rate Classes in cells below)	Units	kW / kWh / # of Customers	Allocated Balance (excluding 1588 sub-account)	Rate Rider for Deferral/Variance Accounts	
Residential	kWh	49,718,289	-$ 204,561	- **0.0041**	$/kWh
General Service < 50 kW	kWh	22,374,916	-$ 92,059	- **0.0041**	$/kWh
General Service > 50 to 499 kW	kW	115,448	-$ 156,480	- **1.3554**	$/kW
General Service > 500 to 1499 kW	kW	87,241	-$ 143,034	- **1.6395**	$/kW
General Service > 1,500 kW	kW	70,544	-$ 146,425	- **2.0757**	$/kW
Unmetered Scattered Load	kWh	426,840	-$ 1,756	- **0.0041**	$/kWh
Sentinel Lighting	kW	301	-$ 487	- **1.6187**	$/kW
Street Lighting	kW	3,767	-$ 5,757	- **1.5282**	$/kW
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
Total			**-$ 750,558**		

Rate Rider Calculation for RSVA - Power - Sub-account - Global Adjustment

Rate Class (Enter Rate Classes in cells below)	Units	kW / kWh / # of Customers	Balance of RSVA - Power - Sub-account	Rate Rider for RSVA - Power -	
Residential	kWh	11,143,151	$ 47,814	**0.0043**	$/kWh
General Service < 50 kW	kWh	7,041,761	$ 30,215	**0.0043**	$/kWh
General Service > 50 to 499 kW	kW	104,004	$ 147,016	**1.4136**	$/kW
General Service > 500 to 1499 kW	kW	90,252	$ 154,318	**1.7099**	$/kW
General Service > 1,500 kW	kW	68,333	$ 147,921	**2.1647**	$/kW
Unmetered Scattered Load	kWh	69,623	$ 299	**0.0043**	$/kWh
Sentinel Lighting	kW	-	$ -	**-**	$/kW
Street Lighting	kW	3,831	$ 6,105	**1.5938**	$/kW
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
Total			**$ 533,688**		

HST DEFERRAL ACCOUNT

THI is not seeking recovery of Account 1592 – PILs & Tax Variance – Sub-Account HST/OVAT Input Tax Credits (ITCs) in this application. THI realizes this account will cease to exist after April 2013, therefore THI will request recovery on a future IRM.

DEFERRED PILS ACCOUNT

THI has not recorded any items in USoA account 1592 – Deferred PILs, therefore the attached OEB appendix 2 – T (E9/T2/S4/Att1) has a balance of $Nil.

File Number:	EB-2012-0168
Exhibit:	9
Tab:	2
Schedule:	4
Attachment:	1
Date:	28-Sep-12

Appendix 2-T
Deferred PILs Account 1592 Balances

The following table should be completed based on the information requested below, in accordance with the notes following the table. An explanation should be provided for any blank entries.

Tax Item	**Principal as of December 31, 2011**
Large Corporation Tax grossed-up proxy from 2006 EDR application PILs model for the period from May 1, 2006 to April 30, 2007	
Large Corporation Tax grossed-up proxy from 2006 EDR application PILs model for the period from January 1, 2006 to April 30, 2006 (4/12ths of the approved grossed-up proxy), if not recorded in PILs account 1562	
Ontario Capital Tax rate decrease and increase in capital deduction for 2007	
Ontario Capital Tax rate decrease and increase in capital deduction for 2008	
Ontario Capital Tax rate decrease and increase in capital deduction for 2009	
Ontario Capital Tax rate decrease and increase in capital deduction for 2010	
Capital Cost Allowance class changes from 2006 EDR application for 2006	
Capital Cost Allowance class changes from 2006 EDR application for 2007	
Capital Cost Allowance class changes from 2006 EDR application for 2008	
Capital Cost Allowance class changes from 2006 EDR application for 2009	
Capital Cost Allowance class changes from 2006 EDR application for 2010	
Capital Cost Allowance class changes from 2006 EDR application for 2011	
Capital Cost Allowance class changes from any prior application not recorded above. Please provide details and explanation separately.	
Insert description of additional item(s) and new rows if needed.	
Total	$ -

Notes:

1 Revise the deferral and variance account continuity schedule to include account 1592 as a group 2 account and enter all relevant information for transactions, adjustments, etc., for all relevant years.

2 Describe each type of tax item that has been recorded in account 1592.

3 Provide the calculations that show how each item was determined and provide any pertinent supporting evidence and documentation.

4 Please state whether or not the applicant followed the guidance provided in the FAQ of July 2007. If not, please provide an explanation.

5 Identify the account balance as of December 31, 2011 as per the 2011 Audited Financial Statements. Identify the account balance as of December 31, 2011 as per the April 2012 2.1.7 RRR filing to the Board. Provide a reconciliation if the balances provided are not identical to each other and to the total shown on the continuity schedule.

6 Complete the above table based on the answers to the previous. Add rows as required to complete the analysis in

Exhibit 9: Deferral And Variance Accounts

Tab 3 (of 5): IFRS Transition

PROPOSED RECOVERY OF ONE-TIME INCREMENTAL IFRS COSTS

THI has not proposed a recovery of one-time incremental IFRS costs in this application. THI will be implementing IFRS as at January 1, 2013 and the total incremental cost of the transition is not yet known. The activity of Account 1508 – Other Regulatory Assets – Deferred IFRS Transition represents only some preliminary meetings and discussions with consultants. A summary of costs incurred to date is provided at E9/T3/S1/Att1. The balance presented is different from the historical trial balance presented at E1/T3/S2/Att1 since the 2010 activity of $1k was posted to OM&A instead of the variance account. This oversight will be corrected in 2012.

File Number:	EB-2012-0168
Exhibit:	9
Tab:	3
Schedule:	1
Attachment	1
Page:	Page 1 of 1
Date:	28/09/2012

Appendix 2-U
One-Time Incremental IFRS Transition Costs

The following table should be completed based on the information requested below. An explanation should be provided for any blank entries. The entries should include one-time incremental IFRS transition costs that are currently included in Account 1508, Other Regulatory Assets, sub-account Deferred IFRS Transition Costs Account, or Account 1508, Other Regulatory Assets, sub-account IFRS Transition Costs Variance Account.

Nature of One-Time Incremental IFRS Transition Costs [1]	Audited Actual Costs Incurred 2009	Audited Actual Costs Incurred 2010	Audited Actual Costs Incurred 2011	Audited Carrying Charges to Dec 31, 2011	Total Audited Actual Costs to Dec 31, 2011	RRR 2.1.7 Balance 31-Dec-11	Variance [2]	Reasons why the costs recorded meet the criteria of one-time IFRS administrative incremental costs
professional accounting fees			$ 288		$ 288			As THI will be implementing IFRS as at January 1, 2013, the costs currently presented do not represent the full cost of the transition
professional legal fees					$ -			Disposition of One-time incremental IFRS Transition Costs will be the subject of a future application
salaries, wages and benefits of staff added to support the transition to IFRS	$ 1,155	$ 651	$ 1,006		$ 2,813			At that time, the appropriateness of the expenditures will be discussed
associated staff training and development costs			$ 317		$ 317			
costs related to system upgrades, or replacements or changes where IFRS was the major reason for conversion					$ -			
	$ 354	$ 173			$ 527			
					$ -			
					$ -			
					$ -			
					$ -			
					$ -			
					$ -			
Insert description of additional item(s) and new rows if needed.				$ 42	$ 42			
Total	$ 1,509	$ 825	$ 1,610	$ 42	$ 3,986		$ 3,986	

Note:

1 The Deferred IFRS Transition Costs Account and the IFRS Transition Costs Variance Account are exclusively for necessary, incremental transition costs and shall not include ongoing IFRS compliance costs or impacts arising from adopting accounting policy changes that reflect changes in the timing of the recognition of income. The incremental costs in these accounts shall not include costs related to system upgrades, or replacements or changes where IFRS was not the major reason for conversion. In addition, incremental IFRS costs shall not include capital assets or expenditures.

2 Applicants are to provide an explanation of material variances in evidence

ACCOUNT 1575 TRANSITIONAL PP&E AMOUNTS

THI is proposing to place $215k into account 1575 and return $54k per year to customers over the next four years, consistent with Board direction. Board Appendix 2-EB – IFRS –CGAAP is presented at E9/T3/S2/Att3. E9/T3/S2/Att1 presents OEB Appendix 2-CG Depreciation and Amortization Expense for 2012 IFRS and E9/T3/S2/Att2 presents OEB Appendix 2-CH for 2013 IFRS Depreciation and Amortization.

EB-2012-0168

Exhibit 9

Tab 3

Schedule 2

Attachment 1

OEB Appendix 2-CG Depreciation and Amortization Expense

File Number: EB-2012-0168
Exhibit:
Tab:
Schedule:
Page:

Date:

Appendix 2-CG
Depreciation and Amortization Expense

Assumes the applicant adopted IFRS for financial reporting purposes January 1, 2013

Year 2012 MIFRS

Account	Description	Opening NBV as at Jan 1, 2012 [5] (a)	Additions (d)	Average Remaining Life of Opening NBV [4] (i)	Years (new additions only) [3] (f)	Depreciation Rate on New Additions (g) = 1 / (f)	Depreciation Expense on Opening NBV (j) = (a) / (i)	Depreciation Expense on Additions [1] (h)=((d)*0.5)/(f)	2012 Depreciation Expense (k) = (j) + (h)	2012 Depreciation Expense per Appendix 2-B Fixed Assets, Column K (l)	Variance [2] (m) = (k) - (l)	Depreciation Expense on 2012 Full Year Additions (n)=((d))/(f)	Less Depreciation Expense on Assets Fully Depreciated during the year (o)	2012 Full Year Depreciation [6] (p) = (j) + (n) - (o)
1611 - 1	Computer Software (Formally known as Account 1925) [Regular]	$ -			5.00	20.00%	$ -	$ -	$ -		$ -	$ -		$ -
1611 - 2	Computer Software (Formally known as Account 1925) [Smart meter related]					0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1612	Land Rights (Formally known as Account 1906)	$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1805	Land	$ 11,520.38				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1808	Buildings	$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1810	Leasehold Improvements	$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1815	Transformer Station Equipment >50 kV	$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1820	Distribution Station Equipment <50 kV	$ 63,516.28		29.60	40.00	2.50%	$ 2,145.94	$ -	$ 2,145.94	$ 2,145.94	$ -	$ -		$ 2,145.94
1825	Storage Battery Equipment	$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1830	Poles, Towers & Fixtures	$ 1,575,548.47	$ 126,800.00	35.19	50.00	2.00%	$ 44,777.59	$ 1,268.00	$ 46,045.59	$ 46,045.59	$ -	$ 2,536.00		$ 47,313.59
1835	Overhead Conductors & Devices	$ 1,136,411.24	$ 83,520.00	34.11	50.00	2.00%	$ 33,314.23	$ 835.20	$ 34,149.43	$ 34,253.83	-$ 104.40	$ 1,670.40		$ 34,984.63
1840	Underground Conduit	$ 1,028,497.27	$ 64,620.00	34.03	50.00	2.00%	$ 30,225.30	$ 646.20	$ 30,871.50	$ 30,871.50	$ -	$ 1,292.40		$ 31,517.70
1845	Underground Conductors & Devices	$ 1,167,058.34	$ 58,095.00	23.29	30.00	3.33%	$ 50,119.26	$ 968.25	$ 51,087.51	$ 51,087.51	$ -	$ 1,936.50		$ 52,055.76
1850	Line Transformers	$ 2,173,359.35	$ 151,980.00	29.86	40.00	2.50%	$ 72,782.72	$ 1,899.75	$ 74,682.47	$ 74,682.47	$ -	$ 3,799.50		$ 76,582.22
1855	Services (Overhead & Underground)	$ 870,800.76	$ 59,785.00	35.70	45.00	2.22%	$ 24,390.53	$ 664.28	$ 25,054.81	$ 25,014.24	$ 40.57	$ 1,328.56		$ 25,719.09
1860	Meters	$ 139,882.21	$ 28,000.00	18.42	25.00	4.00%	$ 7,594.92	$ 560.00	$ 8,154.92	$ 8,154.92	$ 0.00	$ 1,120.00		$ 8,714.92
1860	Meters (Smart Meters)	$ -			15.00	6.67%	$ -	$ -	$ -		$ -	$ -		$ -
1905	Land	$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1908	Buildings & Fixtures	$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1910	Leasehold Improvements	$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1915	Office Furniture & Equipment (10 years)	$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1915	Office Furniture & Equipment (5 years)	$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1920	Computer Equipment - Hardware	$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1920 - 1	Computer Equip.-Hardware(Post Mar. 19/07)	$ -			5.00	20.00%	$ -	$ -	$ -		$ -	$ -		$ -
1920 - 2	Computer Equip.-Hardware(Post Mar. 19/07) [Smart Meters related]	$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1930	Transportation Equipment	$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1935	Stores Equipment	$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1940	Tools, Shop & Garage Equipment	$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1945	Measurement & Testing Equipment	$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1950	Power Operated Equipment	$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1955	Communications Equipment	$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1955	Communication Equipment (Smart Meters)	$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1960	Miscellaneous Equipment	$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1975	Load Management Controls Utility Premises	$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1980	System Supervisor Equipment	$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1985	Miscellaneous Fixed Assets	$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
1995	Contributions & Grants	-$ 2,184,076.41	-$ 10,300.00	31.40	40.00	2.50%	-$ 69,556.57	-$ 128.75	-$ 69,685.32	-$ 69,686.79	$ 1.47	-$ 257.50		-$ 69,814.07
etc.		$ -				0.00%	$ -	$ -	$ -		$ -	$ -		$ -
						0.00%	$ -	$ -	$ -		$ -	$ -		$ -
	Total	$ 5,982,517.89	$ 562,500.00				$ 195,793.92	$ 6,712.93	$ 202,506.84	$ 202,569.21	-$ 62.37	$ 13,425.86	$ -	$ 209,219.77

Notes:

1 Board policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.

2 The applicant must provide an explanation of material variances in evidence

3 The applicant should ensure that the years for new additions of assets are the asset useful lives determined by management in accordance with IFRS.

4 A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding 2012 additions) under IFRS. For example, Asset A had a useful life of 20 years under CGAAP. On January 1, 2012, the date of transition, Asset A was 3 years depreciated. As a result, Asset A would have a remaining service life of 17 years (20 years less 3 years) under CGAAP as of January 1, 2012. Due to the transition to IFRS, management re-assessed the asset useful lives under IFRS principles and concluded that the revised useful life of Asset A is now 30 years. Therefore, the average remaining useful life of opening balance of Asset A is determined to be 27 years (30 years less 3 years) under IFRS as of January 1, 2012.

5 NBV must exclude assets still on the books but which have been fully amortized or depreciated.

6 This column refers to the calculated full year depreciation but excludes the depreciation expense on assets fully depreciated during the year. This column is used for the purpose of calculating depreciation expense in the following year on the next worksheet.

General: Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Asset Retirement Obligations (AROs), depreciation and accretion expense should be disclosed separately consistent with the Notes of historical Audited Financial Statements.

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Exhibit 9

Tab 3

Schedule 2

Attachment 2

OEB Appendix 2-CH Depreciation and Amortization Expense

Appendix 2-CH
Depreciation and Amortization Expense

Assumes the applicant adopted IFRS for financial reporting purposes January 1, 2013

Year 2013 MIFRS

Account	Description	Additions (d)	Years (new additions only) (f)	Depreciation Rate on New Additions (g) = 1 / (f)	2013 Depreciation Expense [1] (h)=2012 Full Year Depreciation + ((d)*0.5)/(f)	2013 Depreciation Expense per Appendix 2-B Fixed Assets, Column K (l)	Variance [2] (m) = (h) - (l)
1611 - 1	Computer Software (Formally known as Account 1925) [Regular]	$ 54,000.00	5.00	20.00%	$ 5,400.00	$ 5,400.00	$ -
1611 - 2	Computer Software (Formally known as Account 1925) [Smart meter related]	$ 256,656.00	2.50	40.00%	$ 51,331.20	$ 51,331.20	$ -
1612	Land Rights (Formally known as Account 1906)			0.00%	$ -		$ -
1805	Land			0.00%	$ -		$ -
1808	Buildings			0.00%	$ -		$ -
1810	Leasehold Improvements			0.00%	$ -		$ -
1815	Transformer Station Equipment >50 kV			0.00%	$ -		$ -
1820	Distribution Station Equipment <50 kV		40.00	2.50%	$ 2,145.94	$ 2,145.94	$ -
1825	Storage Battery Equipment			0.00%	$ -		$ -
1830	Poles, Towers & Fixtures	$ 174,330.00	50.00	2.00%	$ 49,056.89	$ 49,056.89	$ -
1835	Overhead Conductors & Devices	$ 156,010.00	50.00	2.00%	$ 36,544.73	$ 36,948.55	-$ 403.82
1840	Underground Conduit	$ 43,835.00	50.00	2.00%	$ 31,956.05	$ 31,956.05	$ -
1845	Underground Conductors & Devices	$ 54,895.00	30.00	3.33%	$ 52,970.68	$ 52,970.68	-$ 0.00
1850	Line Transformers	$ 222,500.00	40.00	2.50%	$ 79,363.47	$ 79,363.47	$ -
1855	Services (Overhead & Underground)	$ 77,130.00	50.00	2.00%	$ 26,490.39	$ 26,437.01	$ 53.38
1860	Meters		25.00	4.00%	$ 8,714.92	$ 3,944.60	$ 4,770.32
1860	Meters (Smart Meters)	$ 980,897.00	7.50	13.33%	$ 65,393.13	$ 65,393.13	$ 0.00
1905	Land			0.00%	$ -		$ -
1908	Buildings & Fixtures			0.00%	$ -		$ -
1910	Leasehold Improvements			0.00%	$ -		$ -
1915	Office Furniture & Equipment (10 years)			0.00%	$ -		$ -
1915	Office Furniture & Equipment (5 years)			0.00%	$ -		$ -
1920	Computer Equipment - Hardware			0.00%	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 22/04)			0.00%	$ -		$ -
1920 - 1	Computer Equip.-Hardware(Post Mar. 19/07)	$ 11,000.00	5.00	20.00%	$ 1,100.00	$ 1,100.00	$ -
1920 - 2	Computer Equip.-Hardware(Post Mar. 19/07) [Smart Meters related]	$ 8,263.00	2.50	40.00%	$ 1,652.60	$ 1,652.60	$ -
1930	Transportation Equipment			0.00%	$ -		$ -
1935	Stores Equipment			0.00%	$ -		$ -
1940	Tools, Shop & Garage Equipment			0.00%	$ -		$ -
1945	Measurement & Testing Equipment			0.00%	$ -		$ -
1950	Power Operated Equipment			0.00%	$ -		$ -
1955	Communications Equipment			0.00%	$ -		$ -
1955	Communication Equipment (Smart Meters)			0.00%	$ -		$ -
1960	Miscellaneous Equipment			0.00%	$ -		$ -
1975	Load Management Controls Utility Premises			0.00%	$ -		$ -
1980	System Supervisor Equipment			0.00%	$ -		$ -
1985	Miscellaneous Fixed Assets			0.00%	$ -		$ -
1995	Contributions & Grants	-$ 132,500.00	$ 40.00	2.50%	-$ 71,470.32	-$ 71,471.79	$ 1.47
etc.				0.00%	$ -		$ -
				0.00%	$ -		$ -
	Total	$ 1,907,016.00			$ 340,649.67	$ 336,228.33	$ 4,421.34
	Depreciation expense adjustment resulting from amortization of Account 1575				-$ 53,688.00	-$ 53,688.00	
	Total Depreciation expense to be included in the test year revenue requirement				**$ 286,961.67**	**$ 282,540.33**	

Notes:

1 Board policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.

2 The applicant must provide an explanation of material variances in evidence

General: **Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Asset Retirement Obligations (AROs), depreciation and accretion expense should be disclosed separately consistent with the Notes of historical Audited Financial Statements.**

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Appendix 2-EB
IFRS-CGAAP Transitional PP&E Amounts
2013 Adopters of IFRS for Financial Reporting Purposes

For applicants that adopt IFRS on January 1, 2013 for financial reporting purposes

Note: this sheet should be filled out if the applicant adopts IFRS for its financial reporting purpose as of January 1, 2013.

	2009 Rebasing Year	2010	2011	2012	2013 Rebasing Year	2014	2015	2016
Reporting Basis	CGAAP	IRM	IRM	IRM	MIFRS	IRM	IRM	IRM
Forecast vs. Actual Used in Rebasing Year	Forecast	Actual	Actual	Forecast	Forecast			
			$	$	$	$	$	$
PP&E Values under CGAAP								
Opening net PP&E - Note 1				5,982,518				
Additions				669,400				
Depreciation (amounts should be negative)				-524,223				
Closing net PP&E (1)				6,127,695				
PP&E Values under MIFRS (Starts from 2012, the transition year)								
Opening net PP&E - Note 1				5,982,518				
Additions				562,500				
Depreciation (amounts should be negative)				-202,569				
Closing net PP&E (2)				6,342,449				
Difference in Closing net PP&E, CGAAP vs. MIFRS (Shown as adjustment to rate base on rebasing)				-214,754				
Account 1575 - IFRS-CGAAP Transitional PP&E Amounts								
Opening balance				0	-214754	-161066	-107377	-53689
Amounts added in the year				-214754				
Sub-total				-214754	-214754	-161066	-107377	-53689
Amount of amortization, included in depreciation expense - Note 2					53689	53689	53689	53689
Closing balance in deferral account				-214754	-161066	-107377	-53689	0

Effect on Revenue Requirement

Amortization of deferred balance as above - Note 2	-53689
Return on Rate Base Associated with deferred PP&E balance at WACC - Note 3	-13315
Amount included in Revenue Requirement on rebasing	-67003

WACC	6.20%	
Disposition Period - Note 4	**4**	Years

Notes:

1 For an applicant that adopts IFRS on January 1, 2013, the PP&E values as of January 1, 2012 under both CGAAP and MIFRS should be the same.

2 Amortization of the deferred balance in Account 1575 will start from the rebasing year.
Assume the utility requests for a certain disposition period, the amortization that should be included in the depreciation expense is calculated as:
the opening balance of Account 1575 / the approved disposition period

3 Return on rate base associated with deferred balance is calculated as:
the deferred account opening balance as of 2013 rebasing year x WACC
* Please note that the calculation should be adjusted once WACC is updated and finalized in the rate application.

4 Consistent with the 4 year normal rate cycle, the model is using a 4 year amortization period as a default selection to "clear" the PP&E deferral account through a one-time adjustment to ratebase to capture and remove the impact of the accounting policy changes as caused by the transition from CGAAP to MIFRS.

Exhibit 9: Deferral And Variance Accounts

Tab 4 (of 5): Smart Meters

SMART METER IMPLEMENTATION PLAN & SMART METER COST RECOVERY

On December 15, 2011, the OEB issued Guideline G-2011-0001 "Smart Meter Funding & Cost Recovery – Final Disposition. This guideline included filing instructions related to the funding of, recovery of, costs associated with smart metering activities conducted by electricity distributors.

The OEB's guideline states:

"The recovery of smart meter capital and operating costs is normally approved (or denied) following a review for prudence and disposition in a cost of service proceeding"

In this Application, THI is requesting smart meter costs to be incorporated into both rate base and, the revenue requirement.

Background

THI has been actively implementing all the required components of the smart metering initiative since 2008 when it participated in the London Hydro Consortium in the procurement of smart metering infrastructure.

An agreement to purchase Elster metering technology was completed in September 2009 with mass meter installations beginning in November 2009 and communications infrastructure beginning in February 2010. All meter installations were performed using internal staff and were substantially completed prior to December 31, 2010.
As of December 31, 2011, THI has achieved 100% penetration of smart meters within its service area.

Registration with the MDM/R was completed in October 2009. Enrolment Testing was completed in August 2010, System Integration Testing ("SIT") was completed in

September 2010 and Qualification Testing ("QT") was completed in October 2010. On October 26, 2010 THI completed the Self-Certification process to transition into the MDM/R Production environment. Transition to Production occurred on November 1, 2010.

THI's approach, when transitioning to Production, was to transition all RPP customers and continue to transition new customers when necessary. To this end, all current RPP eligible customers are presently enrolled with the MDM/R.

By letter dated August 4, 2010 the Board made a determination under Section 1.2.1 of the Standard Supply Service Code to require the implementation of TOU pricing for Regulated Price Plan customers. In that letter, the Board established mandatory TOU implementation dates for each Electricity distributor.

THI's mandatory TOU date was June 2011.

By its letter, the OEB acknowledged that distributors may encounter extraordinary and unanticipated circumstances during the implementation of TOU pricing. The OEB requested that any distributor encountering such circumstances bring these matters to the OEB's attention in order that the OEB can assess the impact on the distributor's mandatory TOU date and assess whether any adjustment in that date is warranted

In accordance with the OEB's letter dated August 4, 2010, THI submitted an application dated June 21, 2011 to the OEB for an exemption from its Mandated Date for Time-of-Use Pricing from June 2011 to January 15, 2012 (EB-2011-0247).

The Board Staff filed its review and submission on August 26, 2011, stating *"that the difficulties and delay encountered to be an extraordinary and unanticipated circumstance sufficient to justify an extension to Tillsonburg's mandated TOU pricing date. Tillsonburg will be exempted from the requirement to apply TOU pricing under the Standard Supply Service Code until January 15, 2012".*

THI began switching its customers to TOU on January 13, 2012 and met the revised TOU implementation date

E9/T4/S1/Att1 – Smart Meter Summary Information – provides details of account 1555 – Smart Meter Capital Account and 1556 – Smart Meter OM&A Account.

THI has presented below in Table 1 the estimated costs per installed meter. Table 2 presents the estimated cost per class and Table 3 is meter by meter type.

Table 1: Estimated Costs per Installed Meter (E9/T4/S2/A1)

Per Meter Cost Split	Per Meter	Installed	Investment	% of Investment
Smart meter including installation	$ 147.06	6670	$ 980,897	73%
Computer hardware costs	$ 1.24	6670	$ 8,263	1%
Computer software costs	$ 38.48	6670	$ 256,655	19%
Tools & Equipment	$ -	6670	$ -	0%
Other Equipment	$ -	6670	$ -	0%
Smart Meter incremental operating costs	$ 14.36	6670	$ 95,797	7%
Total Smart Meter Costs per meter	$ 201.14		$ 1,341,612	100%

Table 2: Estimated Cost per Class

Class	Number of Meters	Capital Cost per Meter	Total (Capital + OM&A) Cost Per Meter
Residential	6012	$ 168.93	$ 183.27
GS < 50	658	$ 349.90	$ 364.46

Table 3: Meter by Type

Residential

Meter Type	2009	2010	2011	Total
R2SF12S	91	49		140
R2SF12	1	3		4
R2SF2S	709	4586	554	5849
R2SF3S	4	15		19
Total	**805**	**4653**	**554**	**6012**

GS < 50

Meter Type	2009	2010	2011	Total
A3RLF10A		9		9
A3RLF16S		208	5	213
A3RLF35A		6		6
A3RLF35S		6		6
A3RLF36A		76	3	79
A3RLF36S		9	1	10
R2S600F12S		8		8
R2SF12S	4	26	2	32
R2SF1S		4		4
R2SF2S		221	7	228
R2SF3S	33	29	1	63
Total	**37**	**602**	**19**	**658**

THI has calculated a revenue requirement of $610k. Since the funding adder collected up to May 1, 2012 is in the amount of $463k, the remaining smart meter related costs to be recovered in the amount of $131k.

Remaining Smart Meter Cost Recovery: (E9/T4/S3/Att1)

Revenue Requirement – 2009	$	21,052
Revenue Requirement - 2010	$	143,700
Revenue Requirement - 2011	$	228,267
Revenue Requirement - 2012	$	222,737
Total Revenue Requirement	$	615,756
Smart Meter Funding Adder Collected	$	462,888
Carrying Cost/Interest	$	17,640
Remaining Smart Meter Cost Recovery	$	135,228

Stranded Meter Costs

On July 26, 2007, the government made a regulation (Ontario Regulation 441/07) that amended Ontario Regulation 426/06 (Smart Meters: Cost Recovery) by adding a new section that addresses the recovery of stranded costs associated with the smart metering initiative. Specifically, the section states as follows: "Subject to Board order, …distributors may recover the costs associated with meters owned before, on or after January 1, 2006 being replaced because of the smart metering initiative if, (a) the meter being replaced was not acquired in contravention of section 53.18 of the *Electricity Act, 1998."* Accordingly, provided that the foregoing conditions are met, stranded costs associated with meters being replaced because of the smart metering initiative should be recorded in Sub-account Stranded Meter Costs of Account 1555 regardless of when the meter was owned by the distributor." (Extract from Ontario Energy Board Accounting Procedures Handbook Frequently Asked Questions December 2010).

THI's stranded meter costs calculation was completed using the actual meters removed from service for the timeframe in question: from 25 years prior to December 31, 2011.

As seen in E9/T4/S1/Att2, the total asset value of this subset of meters was approximately $713k using meter purchase price and estimated installation costs based on year of installation. Individually depreciating each installed meter straight-line over 25 years results in a residual book value of $89k. (E9/T4/S1/Att2)

THI is proposing the recovery of stranded meter costs through a rate rider of $0.0003/kWh for Residential and GS<50 (see the rate rider calculation at E2/T4/S6/Att1). Keeping in mind its customers' bill impact consideration, THI is proposing a recovery period of 4 years to coincide with the IRM period.

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Exhibit 9

Tab 4

Schedule 1

Attachment 1

Smart Meter Summary Information

Smart Meter Summary Information

Year	Smart meters Installed			% of customers converted	Account 1555		Account 1556
	Residential	GS<50	Other		Funding Adder Revenues Collected	Capital Expenditures	Operating Expenses
2006	-	-	-	0.0%	$ 14,353.02	$ -	$ -
2007	-	-	-	0.0%	$ 20,485.49	$ -	$ -
2008	-	-	-	0.0%	$ 20,532.71	$ -	$ -
2009	805	37	-	12.6%	$ 28,938.19	$ 236,218	$ 1,446
2010	4,653	602	-	78.8%	$ 129,946.46	$ 892,263	$ 35,467
2011	554	19	-	8.6%	$ 182,132.00	$ 117,333	$ 38,525
2012	-	-	-	0.0%	$ 81,871.99	$ -	$ 20,360
Total	**6,012**	**658**	**-**	**100.0%**	**$ 478,259.86**	**$ 1,245,814**	**$ 95,798**

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Appendix 2-S
Stranded Meter Treatment

Year	Notes	Gross Asset Value	Accumulated Amortization	Contributed Capital (Net of Amortization)	Net Asset	Proceeds on Disposition	Residual Net Book Value
		(A)	(B)	(C)	(D) = (A) - (B) - (C)	(E)	(F) = (D) - (E)
2006		$ 708,071	$ 492,163		$ 215,907		$ 215,907
2007		$ 712,374	$ 515,966		$ 196,408		$ 196,408
2008		$ 712,452	$ 538,925		$ 173,527		$ 173,527
2009		$ 712,821	$ 561,264		$ 151,557		$ 151,557
2010		$ 712,821	$ 582,526		$ 130,295		$ 130,295
2011		$ 712,821	$ 603,137		$ 109,684		$ 109,684
2012		$ 712,821	$ 623,476		$ 89,345		$ 89,345

Notes:

(1) *For 2012, please indicate whether the amounts provided are on a forecast or actual basis.*

Some distributors have transferred the cost of stranded meters from Account 1860 - Meters to "Sub-account Stranded Meter Costs of Account 1555", while in some cases distributors have left these costs in Account 1860. Depending on which treatment the applicant has chosen. please provide the information under either of the two scenarios (A and B below), as applicable.

Scenario A: *If the stranded meter costs were transferred to "Sub-account Stranded Meter Costs" of Account 1555, the above table should be completed and the following information should be provided.*

1 A description of the accounting treatment followed by the applicant on stranded meter costs for financial accounting and reporting purposes.

2 The amount of the pooled residual net book value of the removed from service stranded meters, less any contributed capital (net of accumulated amortization), and less any net proceeds from sales, which were transferred to this sub-account as of December 31, 2010.

3 A statement as to whether or not, since transferring the removed stranded meter costs to the sub-account, the recording of depreciation expenses was continued in order to reduce the net book value through accumulated depreciation. If so, the total depreciation expense amount for the period from the time the costs for the stranded meters were transferred to the sub-account to December 31, 2010 should be provided.

If no depreciation expenses were recorded to reduce the net book value of stranded meter costs through accumulated depreciation, the total depreciation expense amount that would have been applicable from the time that the stranded meter costs were transferred to the sub-account of Account 1555 to December 31, 2010 should be provided. In addition, the following information should be provided:

a) Whether or not carrying charges were recorded for the stranded meter cost balances in the sub-account, and if so, the total carrying charges recorded to December 31, 2010.

b) The estimated amount of the pooled residual net book value of the removed from service meters, less any net proceeds from sales and contributed capital, at the time when the smart meters will have been fully deployed (e.g., as of December 31, 2010). If the smart meters have been fully deployed, the actual amount should be provided.

c) A description as to how the applicant intends to recover in rates the remaining costs for stranded meters,

including the proposed accounting treatment, the proposed disposition period, and the associated bill impacts.

Scenario B: *If the stranded meter costs remained recorded in Account 1860, the above table should be completed and the following information should be provided:*

1 A description of the accounting treatment followed by the applicant on stranded meter costs for financial accounting and reporting purposes.

2 The amount of the pooled residual net book value of the removed from service stranded meters, less any contributed capital (net of accumulated amortization), and less any net proceeds from sales, as of December 31, 2010.

3 A statement as to whether or not the recording of depreciation expenses continued in order to reduce the net book value through accumulated depreciation. If so, provision of the total (cumulative) depreciation expense for the period from the time that the meters became stranded to December 31, 2010.

4 If no depreciation expenses were recorded to reduce the net book value of stranded meters through accumulated depreciation, the total (cumulative) depreciation expense amount that would have been applicable for the period from the time that the meters became stranded to December 31, 2010.

5 The estimated amount of the pooled residual net book value of the removed from service meters, less any net proceeds from sales and contributed capital, at the time when smart meters will have been fully deployed. If the smart meters have been fully deployed, please provide the actual amount.

6 A description as to how the applicant intends to recover in rates the costs for stranded meters, including the proposed accounting treatment, the proposed disposition period and the associated bill impacts.

Distributors should also provide the Net Book Value per class of meter as of December 31, 2010 as well as the number of meters that were removed / stranded. In preparing this information, distributors should review the Board's letter of January 16, 2007 *Stranded Meter Costs Related to the Installation of Smart Meters* which stated that records were to be kept of the type

CLEARANCE OF SMART METER VARIANCE ACCOUNTS

Pursuant to G-2011-001 Guideline Smart Meter Funding and Cost Recovery – Final Disposition, THI is seeking approval of the smart meter costs shown at E9/T4/S3/Att1, and authorization to transfer the approved amounts from the smart meter deferral accounts to the appropriate fixed asset, revenue and expense accounts. THI has used the 2013 Smart Meter Model provided by the Board to calculate the Smart Meter Disposition Rider.

The net difference is a recovery of $135k, the amount between the revenue requirement related to the smart meter costs, and the corresponding smart meter funding adders collected from May 1, 2006 to May 1, 2012. THI proposes to recover this amount from customers by a monthly rate rider of $1.25 for Residential customers and $5.72 for its GS<50 customers over a 1 year period.

EB-2012-0168

Exhibit 9

Tab 4

Schedule 2

Attachment 1

Calculation of Smart Meter Rate Riders

Smart Meter Model for Electricity Distributors (2013 Filers)

Version 3.00

Utility Name	Tillsonburg Hydro Inc.
Assigned EB Number	EB-2012-0168
Name and Title	William J. Gott, Financial Regulatory Affairs Manager
Phone Number	519-688-3009 ext 3229
Email Address	wgott@tillsonburg.ca
Date	28-Sep-12
Last COS Re-based Year	2009

Note: Drop-down lists are shaded blue; Input cells are shaded green.

This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your application. You may use and copy this model for that purpose, and provide a copy of this model to any person that is advising or assisting you in that regard. Except as indicated above, any copying, reproduction, publication, sale, adaptation, translation, modification, reverse engineering or other use or dissemination of this model without the express written consent of the Ontario Energy Board is prohibited. If you provide a copy of this model to a person that is advising or assisting you in preparing the application or reviewing your draft rate order, you must ensure that the person understands and agrees to the restrictions noted above.

While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results. The use of any models and spreadsheets does not automatically imply Board approval. The onus is on the distributor to prepare, document and support its application. Board-issued Excel models and spreadsheets are offered to assist parties in providing the necessary information so as to facilitate an expeditious review of an application. The onus remains on the applicant to ensure the accuracy of the data and the results.

Smart Meter Model for Electricity Distributors (2013 Filers)

Distributors must enter all incremental costs related to their smart meter program and all revenues recovered to date in the applicable tabs except for those costs (and associated revenues) for which the Board has approved on a final basis, i.e. capital costs have been included in rate base and OM&A costs in revenue requirement.

For 2012, distributors that have completed their deployments by the end of 2011 are not expected to enter any capital costs. However, for OM&A, regardless of whether a distributor has deployments in 2012, distributors should enter the forecasted OM&A for 2012 for all smart meters in service.

Smart Meter Capital Cost and Operational Expense Data		2006	2007	2008	2009	2010	2011	2012	2013	Total
		Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast	
Smart Meter Installation Plan										
Actual/Planned number of Smart Meters installed during the Calendar Year										
Residential					805	4,653	554			6012
General Service < 50 kW					37	602	19			658
Actual/Planned number of Smart Meters installed (Residential and GS < 50 kW only)		0	0	0	842	5255	573	0	0	6670
Percentage of Residential and GS < 50 kW Smart Meter Installations Completed		0.00%	0.00%	0.00%	12.62%	91.41%	100.00%	0.00%	100.00%	100.00%
Actual/Planned number of GS > 50 kW meters installed										0
Other (please identify)	Gatekeepers					11	2			13
Total Number of Smart Meters installed or planned to be installed		0	0	0	842	5266	575	0	0	6683
1 Capital Costs										
1.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)	**Asset Type** (Asset type must be selected to enable calculations)	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast	
1.1.1 Smart Meters *(may include new meters and modules, etc.)*	Smart Meter				80,308	584,524	33,942			$ 698,774
1.1.2 Installation Costs *(may include socket kits, labour, vehicle, benefits, etc.)*	Smart Meter				83,897	157,140	3,390			$ 244,427
1.1.3a Workforce Automation Hardware *(may include fieldwork handhelds, barcode hardware, etc.)*										$ -
1.1.3b Workforce Automation Software *(may include fieldwork handhelds, barcode hardware, etc.)*										$ -
Total Advanced Metering Communications Devices (AMCD)		$ -	$ -	$ -	$ 164,206	$ 741,664	$ 37,332	$ -	$ -	$ 943,202
1.2 ADVANCED METERING REGIONAL COLLECTOR (AMRC) (includes LAN)	**Asset Type**	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast	
1.2.1 Collectors	Smart Meter					31,801	4,318			$ 36,119
1.2.2 Repeaters *(may include radio licence, etc.)*										$ -
1.2.3 Installation *(may include meter seals and rings, collector computer hardware, etc.)*	Smart Meter					1,333	242			$ 1,576
Total Advanced Metering Regional Collector (AMRC) (Includes LAN)		$ -	$ -	$ -	$ -	$ 33,135	$ 4,560	$ -	$ -	$ 37,695
1.3 ADVANCED METERING CONTROL COMPUTER (AMCC)	**Asset Type**	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast	
1.3.1 Computer Hardware	Computer Hardware				1,939	6,324				$ 8,263
1.3.2 Computer Software	Computer Software				599	15,302	2,190			$ 18,090
1.3.3 Computer Software Licences & Installation (includes hardware and software) *(may include AS/400 disk space, backup and recovery computer, UPS, etc.)*	Computer Software					226	2,072			$ 2,298
Total Advanced Metering Control Computer (AMCC)		$ -	$ -	$ -	$ 2,538	$ 21,852	$ 4,262	$ -	$ -	$ 28,652
1.4 WIDE AREA NETWORK (WAN)	**Asset Type**	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast	
1.4.1 Activiation Fees										$ -
Total Wide Area Network (WAN)		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

Smart Meter Model for Electricity Distributors (2013 Filers)

Distributors must enter all incremental costs related to their smart meter program and all revenues recovered to date in the applicable tabs except for those costs (and associated revenues) for which the Board has approved on a final basis, i.e. capital costs have been included in rate base and OM&A costs in revenue requirement.

For 2012, distributors that have completed their deployments by the end of 2011 are not expected to enter any capital costs. However, for OM&A, regardless of whether a distributor has deployments in 2012, distributors should enter the forecasted OM&A for 2012 for all smart meters in service.

Smart Meter Capital Cost and Operational Expense Data

		2006	2007	2008	2009	2010	2011	2012	2013	Total
		Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast	
	Asset Type									
1.5 OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY		Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast	
1.5.1 Customer Equipment *(including repair of damaged equipment)*										$ -
1.5.2 AMI Interface to CIS	Computer Software				8,551	13,922	13,659			$ 36,132
1.5.3 Professional Fees										$ -
1.5.4 Integration										$ -
1.5.5 Program Management	Computer Software				60,924	81,692	57,520			$ 200,135
1.5.6 Other AMI Capital										$ -
Total Other AMI Capital Costs Related to Minimum Functionality		$ -	$ -	$ -	$ 69,475	$ 95,614	$ 71,179	$ -	$ -	$ 236,267
Total Capital Costs Related to Minimum Functionality		$ -	$ -	$ -	$ 236,218	$ 892,264	$ 117,333	$ -	$ -	$ 1,245,815
	Asset Type									
1.6 CAPITAL COSTS BEYOND MINIMUM FUNCTIONALITY *(Please provide a descriptive title and identify nature of beyond minimum functionality costs)*		Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast	
1.6.1 Costs related to technical capabilities in the smart meters or related communications infrastructure that exceed those specified in O.Reg 425/06										$ -
1.6.2 Costs for deployment of smart meters to customers other than residential and small general service										$ -
1.6.3 Costs for TOU rate implementation, CIS system upgrades, web presentation, integration with the MDM/R, etc.										$ -
Total Capital Costs Beyond Minimum Functionality		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Smart Meter Capital Costs		$ -	$ -	$ -	$ 236,218	$ 892,264	$ 117,333	$ -	$ -	$ 1,245,815

Smart Meter Model for Electricity Distributors (2013 Filers)

Distributors must enter all incremental costs related to their smart meter program and all revenues recovered to date in the applicable tabs except for those costs (and associated revenues) for which the Board has approved on a final basis, i.e. capital costs have been included in rate base and OM&A costs in revenue requirement.

For 2012, distributors that have completed their deployments by the end of 2011 are not expected to enter any capital costs. However, for OM&A, regardless of whether a distributor has deployments in 2012, distributors should enter the forecasted OM&A for 2012 for all smart meters in service.

Smart Meter Capital Cost and Operational Expense Data	2006	2007	2008	2009	2010	2011	2012	2013	Total
	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast	
2 OM&A Expenses									
2.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast	
2.1.1 Maintenance *(may include meter reverification costs, etc.)*				143		479			$ 622
2.1.2 Other *(please specify)*									$ -
Total Incremental AMCD OM&A Costs	$ -	$ -	$ -	$ 143	$ -	$ 479	$ -	$ -	$ 622
2.2 ADVANCED METERING REGIONAL COLLECTOR (AMRC) (includes LAN)									
2.2.1 Maintenance				1,303	22,391	5,306			$ 29,000
2.2.2 Other *(please specify)*									$ -
Total Incremental AMRC OM&A Costs	$ -	$ -	$ -	$ 1,303	$ 22,391	$ 5,306	$ -	$ -	$ 29,000
2.3 ADVANCED METERING CONTROL COMPUTER (AMCC)									
2.3.1 Hardware Maintenance *(may include server support, etc.)*									$ -
2.3.2 Software Maintenance *(may include maintenance support, etc.)*									$ -
2.3.2 Other *(please specify)*									$ -
Total Incremental AMCC OM&A Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2.4 WIDE AREA NETWORK (WAN)									
2.4.1 WAN Maintenance						3,300	3,300		$ 6,600
2.4.2 Other *(please specify)*									$ -
Total Incremental AMRC OM&A Costs	$ -	$ -	$ -	$ -	$ -	$ 3,300	$ 3,300	$ -	$ 6,600
2.5 OTHER AMI OM&A COSTS RELATED TO MINIMUM FUNCTIONALITY									
2.5.1 Business Process Redesign									$ -
2.5.2 Customer Communication (may include project communication, etc.)						863			$ 863
2.5.3 Program Management									$ -
2.5.4 Change Management (may include training, etc.)									$ -
2.5.5 Administration Costs					13,076	28,576	17,060		$ 58,713
2.5.6 Other AMI Expenses *(please specify)*									$ -
Total Other AMI OM&A Costs Related to Minimum Functionality	$ -	$ -	$ -	$ -	$ 13,076	$ 29,439	$ 17,060	$ -	$ 59,576
TOTAL OM&A COSTS RELATED TO MINIMUM FUNCTIONALITY	$ -	$ -	$ -	$ 1,446	$ 35,467	$ 38,524	$ 20,360	$ -	$ 95,797

Smart Meter Model for Electricity Distributors (2013 Filers)

Distributors must enter all incremental costs related to their smart meter program and all revenues recovered to date in the applicable tabs except for those costs (and associated revenues) for which the Board has approved on a final basis, i.e. capital costs have been included in rate base and OM&A costs in revenue requirement.

For 2012, distributors that have completed their deployments by the end of 2011 are not expected to enter any capital costs. However, for OM&A, regardless of whether a distributor has deployments in 2012, distributors should enter the forecasted OM&A for 2012 for all smart meters in service.

Smart Meter Capital Cost and Operational Expense Data

2.6 OM&A COSTS RELATED TO BEYOND MINIMUM FUNCTIONALITY

(Please provide a descriptive title and identify nature of beyond minimum functionality costs)

	2006	2007	2008	2009	2010	2011	2012	2013	Total
	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast	
	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual			
2.6.1 Costs related to technical capabilities in the smart meters or related communications infrastructure that exceed those specified in O.Reg 425/06									$ -
2.6.2 Costs for deployment of smart meters to customers other than residential and small general service									$ -
2.6.3 Costs for TOU rate implementation, CIS system upgrades, web presentation, integration with the MDM/R, etc.									$ -
Total OM&A Costs Beyond Minimum Functionality	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Smart Meter OM&A Costs	$ -	$ -	$ -	$ 1,446	$ 35,467	$ 38,524	$ 20,360	$ -	$ 95,797

3 Aggregate Smart Meter Costs by Category

3.1	**Capital**									
3.1.1	Smart Meter	$ -	$ -	$ -	$ 164,206	$ 774,798	$ 41,893	$ -	$ -	$ 980,897
3.1.2	Computer Hardware	$ -	$ -	$ -	$ 1,939	$ 6,324	$ -	$ -	$ -	$ 8,263
3.1.3	Computer Software	$ -	$ -	$ -	$ 70,073	$ 111,141	$ 75,441	$ -	$ -	$ 256,656
3.1.4	Tools & Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3.1.5	Other Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3.1.6	Applications Software	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3.1.7	**Total Capital Costs**	**$ -**	**$ -**	**$ -**	**$ 236,218**	**$ 892,264**	**$ 117,333**	**$ -**	**$ -**	**$ 1,245,815**
3.2	**OM&A Costs**									
3.2.1	**Total OM&A Costs**	**$ -**	**$ -**	**$ -**	**$ 1,446**	**$ 35,467**	**$ 38,524**	**$ 20,360**	**$ -**	**$ 95,797**

Smart Meter Model for Electricity Distributors (2013 Filers)

	2006	2007	2008	2009	2010	2011	2012	2013
Cost of Capital								
Capital Structure[1]								
Deemed Short-term Debt Capitalization			4.0%	4.0%	4.0%	4.0%	4.0%	4.0%
Deemed Long-term Debt Capitalization		0.0%	56.0%	56.0%	56.0%	56.0%	56.0%	56.0%
Deemed Equity Capitalization	100.0%	100.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%
Preferred Shares								
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Cost of Capital Parameters								
Deemed Short-term Debt Rate				1.33%	1.33%	1.33%	1.33%	2.08%
Long-term Debt Rate (actual/embedded/deemed)[2]		0.00%		7.62%	7.62%	7.62%	7.62%	4.41%
Target Return on Equity (ROE)		0.00%		8.01%	8.01%	8.01%	8.01%	9.12%
Return on Preferred Shares								
WACC	0.00%	0.00%	0.00%	7.52%	7.52%	7.52%	7.52%	6.20%
Working Capital Allowance								
Working Capital Allowance Rate	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	13.0%
(% of the sum of Cost of Power + controllable expenses)								
Taxes/PILs								
Aggregate Corporate Income Tax Rate				16.50%	16.00%	15.50%	15.50%	15.50%
Capital Tax (until July 1st, 2010)	0.30%	0.225%	0.225%	0.225%	0.075%	0.00%	0.00%	0.00%
Depreciation Rates								
(expressed as expected useful life in years)								
Smart Meters - years	15	15	15	15	15	15	15	15
- rate (%)	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%
Computer Hardware - years	5	5	5	5	5	5	5	5
- rate (%)	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
Computer Software - years	5	5	5	5	5	5	5	5
- rate (%)	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
Tools & Equipment - years	10	10	10	10	10	10	10	10
- rate (%)	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
Other Equipment - years	10	10	10	10	10	10	10	10
- rate (%)	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
CCA Rates								

Smart Meter Model for Electricity Distributors (2013 Filers)

	2006	2007	2008	2009	2010	2011	2012	2013
Smart Meters - CCA Class	47	47	47	47	47	47	47	47
Smart Meters - CCA Rate	8%	8%	8%	8%	8%	8%	8%	8%
Computer Equipment - CCA Class	45	45	50	50	50	50	50	50
Computer Equipment - CCA Rate	45%	45%	55%	55%	55%	55%	55%	55%
General Equipment - CCA Class								
General Equipment - CCA Rate								
Applications Software - CCA Class	12	12	12	12	12	12	12	12
Applications Software - CCA Rate	100%	100%	100%	100%	100%	100%	100%	100%

Assumptions

[1] *Planned smart meter installations occur evenly throughout the year.*

[2] *Fiscal calendar year (January 1 to December 31) used.*

3 *Amortization is done on a striaght line basis and has the "half-year" rule applied.*

Smart Meter Model for Electricity Distributors (2013 Filers)

	2006	2007	2008	2009	2010	2011	2012	2013
Net Fixed Assets - Smart Meters								
Gross Book Value								
Opening Balance		$ -	$ -	$ -	$ 164,206	$ 939,004	$ 980,897	$ 980,897
Capital Additions during year (from Smart Meter Costs)	$ -	$ -	$ -	$ 164,206	$ 774,798	$ 41,893	$ -	$ -
Retirements/Removals (if applicable)								
Closing Balance	$ -	$ -	$ -	$ 164,206	$ 939,004	$ 980,897	$ 980,897	$ 980,897
Accumulated Depreciation								
Opening Balance		$ -	$ -	$ -	-$ 5,474	-$ 42,247	-$ 106,244	-$ 171,637
Amortization expense during year	$ -	$ -	$ -	-$ 5,474	-$ 36,774	-$ 63,997	-$ 65,393	-$ 65,393
Retirements/Removals (if applicable)								
Closing Balance	$ -	$ -	$ -	-$ 5,474	-$ 42,247	-$ 106,244	-$ 171,637	-$ 237,030
Net Book Value								
Opening Balance	$ -	$ -	$ -	$ -	$ 158,732	$ 896,757	$ 874,653	$ 809,260
Closing Balance	$ -	$ -	$ -	$ 158,732	$ 896,757	$ 874,653	$ 809,260	$ 743,866
Average Net Book Value	$ -	$ -	$ -	$ 79,366	$ 527,744	$ 885,705	$ 841,956	$ 776,563
Net Fixed Assets - Computer Hardware								
Gross Book Value								
Opening Balance		$ -	$ -	$ -	$ 1,939	$ 8,263	$ 8,263	$ 8,263
Capital Additions during year (from Smart Meter Costs)	$ -	$ -	$ -	$ 1,939	$ 6,324	$ -	$ -	$ -
Retirements/Removals ~~(if applicable)~~								
Closing Balance	$ -	$ -	$ -	$ 1,939	$ 8,263	$ 8,263	$ 8,263	$ 8,263
Accumulated Depreciation								
Opening Balance	$ -	$ -	$ -	$ -	-$ 194	-$ 1,214	-$ 2,867	-$ 4,519
Amortization expense during year	$ -	$ -	$ -	-$ 194	-$ 1,020	-$ 1,653	-$ 1,653	-$ 1,653
Retirements/Removals (if applicable)								
Closing Balance	$ -	$ -	$ -	-$ 194	-$ 1,214	-$ 2,867	-$ 4,519	-$ 6,172
Net Book Value								
Opening Balance	$ -	$ -	$ -	$ -	$ 1,745	$ 7,049	$ 5,396	$ 3,744
Closing Balance	$ -	$ -	$ -	$ 1,745	$ 7,049	$ 5,396	$ 3,744	$ 2,091
Average Net Book Value	$ -	$ -	$ -	$ 873	$ 4,397	$ 6,223	$ 4,570	$ 2,917

Net Fixed Assets - Computer Software (including Applications Software)

Gross Book Value									
Opening Balance		$ -	$ -	$ -	$ 70,073	$ 181,215	$ 256,656	$ 256,656	$ 256,656
Capital Additions during year (from Smart Meter Costs)	$ -	$ -	$ -	$ 70,073	$ 111,141	$ 75,441	$ -	$ -	
Retirements/Removals (if applicable)									
Closing Balance	$ -	$ -	$ -	$ 70,073	$ 181,215	$ 256,656	$ 256,656	$ 256,656	
Accumulated Depreciation									
Opening Balance	$ -	$ -	$ -	$ -	-$ 7,007	-$ 32,136	-$ 75,923	-$ 127,254	
Amortization expense during year	$ -	$ -	$ -	-$ 7,007	-$ 25,129	-$ 43,787	-$ 51,331	-$ 51,331	
Retirements/Removals (if applicable)									
Closing Balance	$ -	$ -	$ -	-$ 7,007	-$ 32,136	-$ 75,923	-$ 127,254	-$ 178,585	
Net Book Value									
Opening Balance	$ -	$ -	$ -	$ -	$ 63,066	$ 149,079	$ 180,732	$ 129,401	
Closing Balance	$ -	$ -	$ -	$ 63,066	$ 149,079	$ 180,732	$ 129,401	$ 78,070	
Average Net Book Value	$ -	$ -	$ -	$ 31,533	$ 106,072	$ 164,906	$ 155,067	$ 103,736	

Net Fixed Assets - Tools and Equipment

Gross Book Value									
Opening Balance		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Capital Additions during year (from Smart Meter Costs)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Retirements/Removals (if applicable)									
Closing Balance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Accumulated Depreciation									
Opening Balance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Amortization expense during year	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Retirements/Removals (if applicable)									
Closing Balance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Net Book Value									
Opening Balance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Closing Balance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Average Net Book Value	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	

Net Fixed Assets - Other Equipment

Gross Book Value									
Opening Balance		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Capital Additions during year (from Smart Meter Costs)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Retirements/Removals (if applicable)									
Closing Balance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Accumulated Depreciation									
Opening Balance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Amortization expense during year	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Retirements/Removals (if applicable)									
Closing Balance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Net Book Value									
Opening Balance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Closing Balance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Average Net Book Value	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	

Smart Meter Model for Electricity Distributors (2013 Filers)

	2006	2007	2008	2009	2010	2011	2012	2013
Average Net Fixed Asset Values (from Sheet 4)								
Smart Meters	$ -	$ -	$ -	$ 79,366	$ 527,744	$ 885,705	$ 841,956	$ 776,563
Computer Hardware	$ -	$ -	$ -	$ 873	$ 4,397	$ 6,223	$ 4,570	$ 2,917
Computer Software	$ -	$ -	$ -	$ 31,533	$ 106,072	$ 164,906	$ 155,067	$ 103,736
Tools & Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Net Fixed Assets	**$ -**	**$ -**	**$ -**	**$ 111,772**	**$ 638,214**	**$ 1,056,833**	**$ 1,001,593**	**$ 883,216**
Working Capital								
Operating Expenses (from Sheet 2)	$ -	$ -	$ -	$ 1,446	$ 35,467	$ 38,524	$ 20,360	$ -
Working Capital Factor (from Sheet 3)	15%	15%	15%	15%	15%	15%	15%	13%
Working Capital Allowance	$ -	$ -	$ -	$ 217	$ 5,320	$ 5,779	$ 3,054	$ -
Incremental Smart Meter Rate Base	**$ -**	**$ -**	**$ -**	**$ 111,989**	**$ 643,534**	**$ 1,062,612**	**$ 1,004,647**	**$ 883,216**
Return on Rate Base								
Capital Structure								
Deemed Short Term Debt	$ -	$ -	$ -	$ 4,480	$ 25,741	$ 42,504	$ 40,186	$ 35,329
Deemed Long Term Debt	$ -	$ -	$ -	$ 62,714	$ 360,379	$ 595,062	$ 562,602	$ 494,601
Equity	$ -	$ -	$ -	$ 44,795	$ 257,414	$ 425,045	$ 401,859	$ 353,286
Preferred Shares	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Capitalization	$ -	$ -	$ -	$ 111,989	$ 643,534	$ 1,062,612	$ 1,004,647	$ 883,216
Return on								
Deemed Short Term Debt	$ -	$ -	$ -	$ 60	$ 342	$ 565	$ 534	$ 735
Deemed Long Term Debt	$ -	$ -	$ -	$ 4,779	$ 27,461	$ 45,344	$ 42,870	$ 21,812
Equity	$ -	$ -	$ -	$ 3,588	$ 20,619	$ 34,046	$ 32,189	$ 32,220
Preferred Shares	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Return on Capital	$ -	$ -	$ -	$ 8,426	$ 48,422	$ 79,955	$ 75,594	$ 54,766
Operating Expenses	$ -	$ -	$ -	$ 1,446	$ 35,467	$ 38,524	$ 20,360	$ -
Amortization Expenses (from Sheet 4)								
Smart Meters	$ -	$ -	$ -	$ 5,474	$ 36,774	$ 63,997	$ 65,393	$ 65,393
Computer Hardware	$ -	$ -	$ -	$ 194	$ 1,020	$ 1,653	$ 1,653	$ 1,653
Computer Software	$ -	$ -	$ -	$ 7,007	$ 25,129	$ 43,787	$ 51,331	$ 51,331
Tools & Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Amortization Expense in Year	$ -	$ -	$ -	$ 12,675	$ 62,923	$ 109,436	$ 118,377	$ 118,377
Incremental Revenue Requirement before Taxes/PILs	$ -	$ -	$ -	$ 22,547	$ 146,812	$ 227,916	$ 214,330	$ 173,143
Calculation of Taxable Income								
Incremental Operating Expenses	$ -	$ -	$ -	$ 1,446	$ 35,467	$ 38,524	$ 20,360	$ -
Amortization Expense	$ -	$ -	$ -	$ 12,675	$ 62,923	$ 109,436	$ 118,377	$ 118,377
Interest Expense	$ -	$ -	$ -	$ 4,838	$ 27,803	$ 45,909	$ 43,405	$ 22,547
Net Income for Taxes/PILs	$ -	$ -	$ -	$ 3,588	$ 20,619	$ 34,046	$ 32,189	$ 32,220
Grossed-up Taxes/PILs (from Sheet 7)	$ -	$ -	$ -	-$ 1,494.57	-$ 3,225.45	-$ 1,798.95	$ 4,577.69	$ 11,338.56
Revenue Requirement, including Grossed-up Taxes/PILs	$ -	$ -	$ -	$ 21,052	$ 143,587	$ 226,117	$ 218,908	$ 184,482

Smart Meter Model for Electricity Distributors (2013 Filers)

For PILs Calculation

UCC - Smart Meters

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Audited Actual	2012 Forecast	2013 Forecast
Opening UCC	$ -	$ -	$ -	$ -	$ 157,637.42	$ 888,832.81	$ 857,943.08	$ 789,307.63
Capital Additions	$ -	$ -	$ -	$ 164,205.65	$ 774,798.31	$ 41,892.60	$ -	$ -
Retirements/Removals (if applicable)								
UCC Before Half Year Rule	$ -	$ -	$ -	$ 164,205.65	$ 932,435.73	$ 930,725.41	$ 857,943.08	$ 789,307.63
Half Year Rule (1/2 Additions - Disposals)	$ -	$ -	$ -	$ 82,102.83	$ 387,399.16	$ 20,946.30	$ -	$ -
Reduced UCC	$ -	$ -	$ -	$ 82,102.83	$ 545,036.58	$ 909,779.11	$ 857,943.08	$ 789,307.63
CCA Rate Class	47	47	47	47	47	47	47	47
CCA Rate	8%	8%	8%	8%	8%	8%	8%	8%
CCA	$ -	$ -	$ -	$ 6,568.23	$ 43,602.93	$ 72,782.33	$ 68,635.45	$ 63,144.61
Closing UCC	$ -	$ -	$ -	$ 157,637.42	$ 888,832.81	$ 857,943.08	$ 789,307.63	$ 726,163.02

UCC - Computer Equipment

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Audited Actual	2012 Forecast	2013 Forecast
Opening UCC	$ -	$ -	$ -	$ -	$ 52,209.07	$ 108,656.47	$ 103,589.95	$ 46,615.48
Capital Additions Computer Hardware	$ -	$ -	$ -	$ 1,939.14	$ 6,323.93	$ -	$ -	$ -
Capital Additions Computer Software	$ -	$ -	$ -	$ 70,073.37	$ 111,141.44	$ 75,440.74	$ -	$ -
Retirements/Removals (if applicable)								
UCC Before Half Year Rule	$ -	$ -	$ -	$ 72,012.51	$ 169,674.44	$ 184,097.21	$ 103,589.95	$ 46,615.48
Half Year Rule (1/2 Additions - Disposals)	$ -	$ -	$ -	$ 36,006.26	$ 58,732.69	$ 37,720.37	$ -	$ -
Reduced UCC	$ -	$ -	$ -	$ 36,006.26	$ 110,941.75	$ 146,376.84	$ 103,589.95	$ 46,615.48
CCA Rate Class	45	45	50	50	50	50	50	50
CCA Rate	45%	45%	55%	55%	55%	55%	55%	55%
CCA	$ -	$ -	$ -	$ 19,803.44	$ 61,017.97	$ 80,507.26	$ 56,974.47	$ 25,638.51
Closing UCC	$ -	$ -	$ -	$ 52,209.07	$ 108,656.47	$ 103,589.95	$ 46,615.48	$ 20,976.96

UCC - General Equipment

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Audited Actual	2012 Forecast	2013 Forecast
Opening UCC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Capital Additions Tools & Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Capital Additions Other Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Retirements/Removals (if applicable)								
UCC Before Half Year Rule	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Half Year Rule (1/2 Additions - Disposals)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Reduced UCC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CCA Rate Class	0	0	0	0	0	0	0	0
CCA Rate	0%	0%	0%	0%	0%	0%	0%	0%
CCA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Closing UCC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

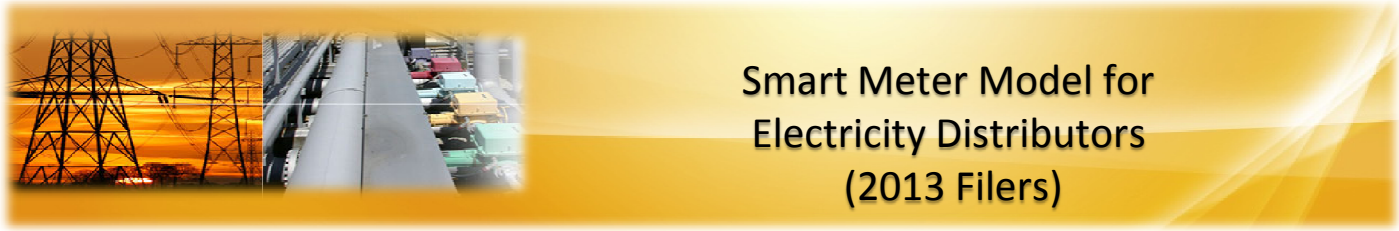
UCC - Applications Software

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Audited Actual	2012 Forecast	2013 Forecast
Opening UCC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Capital Additions Applications Software	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Retirements/Removals (if applicable)								
UCC Before Half Year Rule	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Half Year Rule (1/2 Additions - Disposals)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Reduced UCC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CCA Rate Class	12	12	12	12	12	12	12	12
CCA Rate	100%	100%	100%	100%	100%	100%	100%	100%
CCA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Closing UCC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

Smart Meter Model for Electricity Distributors (2013 Filers)

PILs Calculation

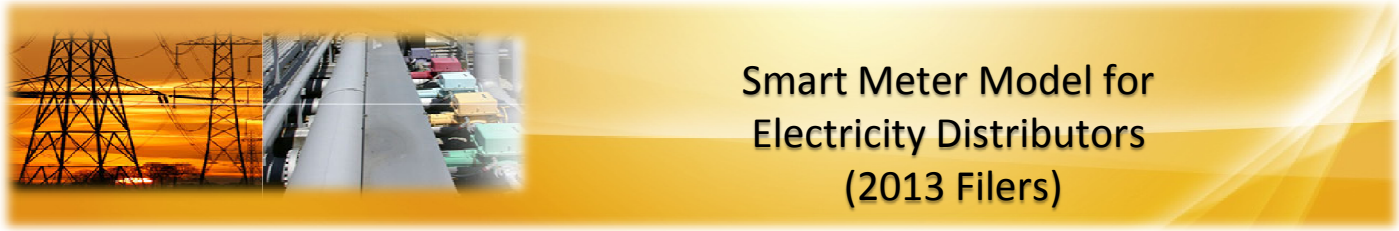
	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Audited Actual	2012 Forecast	2013 Forecast
INCOME TAX								
Net Income	$ -	$ -	$ -	$ 3,588.11	$ 20,618.83	$ 34,046.07	$ 32,188.89	$ 32,219.72
Amortization	$ -	$ -	$ -	$ 12,674.77	$ 62,922.69	$ 109,436.33	$ 118,376.83	$ 118,376.83
CCA - Smart Meters	$ -	$ -	$ -	-$ 6,568.23	-$ 43,602.93	-$ 72,782.33	-$ 68,635.45	-$ 63,144.61
CCA - Computers	$ -	$ -	$ -	-$ 19,803.44	-$ 61,017.97	-$ 80,507.26	-$ 56,974.47	-$ 25,638.51
CCA - Applications Software	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CCA - Other Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Change in taxable income	$ -	$ -	$ -	-$ 10,108.78	-$ 21,079.37	-$ 9,807.19	$ 24,955.80	$ 61,813.43
Tax Rate (from Sheet 3)	0.00%	0.00%	0.00%	16.50%	16.00%	15.50%	15.50%	15.50%
Income Taxes Payable	$ -	$ -	$ -	-$ 1,667.95	-$ 3,372.70	-$ 1,520.11	$ 3,868.15	$ 9,581.08
ONTARIO CAPITAL TAX								
Smart Meters	$ -	$ -	$ -	$ 158,732.13	$ 896,756.78	$ 874,652.70	$ 809,259.60	$ 743,866.49
Computer Hardware	$ -	$ -	$ -	$ 1,745.23	$ 7,048.94	$ 5,396.32	$ 3,743.71	$ 2,091.09
Computer Software (Including Application Software)	$ -	$ -	$ -	$ 63,066.03	$ 149,078.66	$ 180,732.36	$ 129,401.25	$ 78,070.14
Tools & Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Rate Base	$ -	$ -	$ -	$ 223,543.39	$ 1,052,884.37	$ 1,060,781.38	$ 942,404.55	$ 824,027.72
Less: Exemption								
Deemed Taxable Capital	$ -	$ -	$ -	$ 223,543.39	$ 1,052,884.37	$ 1,060,781.38	$ 942,404.55	$ 824,027.72
Ontario Capital Tax Rate (from Sheet 3)	0.300%	0.225%	0.225%	0.225%	0.075%	0.000%	0.000%	0.000%
Net Amount (Taxable Capital x Rate)	$ -	$ -	$ -	$ 502.97	$ 789.66	$ -	$ -	$ -
Change in Income Taxes Payable	$ -	$ -	$ -	-$ 1,667.95	-$ 3,372.70	-$ 1,520.11	$ 3,868.15	$ 9,581.08
Change in OCT	$ -	$ -	$ -	$ 502.97	$ 789.66	$ -	$ -	$ -
PILs	$ -	$ -	$ -	-$ 1,164.98	-$ 2,583.04	-$ 1,520.11	$ 3,868.15	$ 9,581.08
Gross Up PILs								
Tax Rate	0.00%	0.00%	0.00%	16.50%	16.00%	15.50%	15.50%	15.50%
Change in Income Taxes Payable	$ -	$ -	$ -	-$ 1,997.54	-$ 4,015.12	-$ 1,798.95	$ 4,577.69	$ 11,338.56
Change in OCT	$ -	$ -	$ -	$ 502.97	$ 789.66	$ -	$ -	$ -
PILs	**$ -**	**$ -**	**$ -**	**-$ 1,494.57**	**-$ 3,225.45**	**-$ 1,798.95**	**$ 4,577.69**	**$ 11,338.56**



This worksheet calculates the funding adder revenues.

Account 1555 - Sub-account Funding Adder Revenues

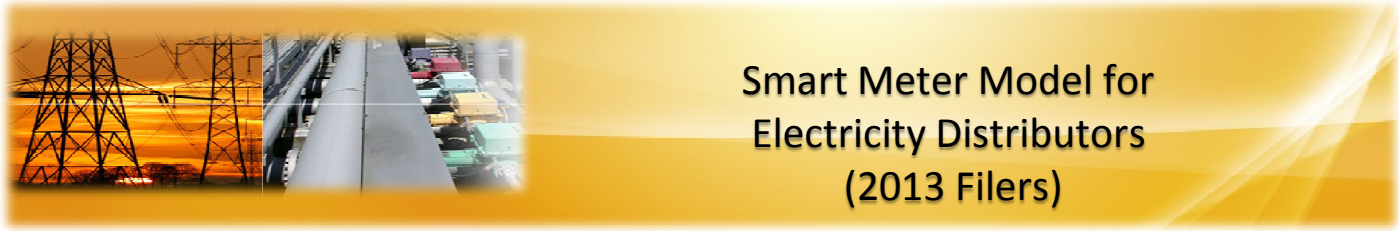
Interest Rates	Approved Deferral and Variance Accounts	CWIP	Date	Year	Quarter	Opening Balance (Principal)	Funding Adder Revenues	Interest Rate	Interest	Closing Balance	Annual amounts	Board Approved Smart Meter Funding Adder
2006 Q1			Jan-06	2006	Q1	$ -		0.00%	$ -	$ -		
2006 Q2	4.14%	4.68%	Feb-06	2006	Q1	$ -		0.00%	$ -	$ -		
2006 Q3	4.59%	5.05%	Mar-06	2006	Q1	$ -		0.00%	$ -	$ -		
2006 Q4	4.59%	4.72%	Apr-06	2006	Q2	$ -		4.14%	$ -	$ -		
2007 Q1	4.59%	4.72%	May-06	2006	Q2	$ -		4.14%	$ -	$ -		$ 0.26
2007 Q2	4.59%	4.72%	Jun-06	2006	Q2	$ -		4.14%	$ -	$ -		$ 0.26
2007 Q3	4.59%	5.18%	Jul-06	2006	Q3	$ -		4.59%	$ -	$ -		$ 0.26
2007 Q4	5.14%	5.18%	Aug-06	2006	Q3	$ -		4.59%	$ -	$ -		$ 0.26
2008 Q1	5.14%	5.18%	Sep-06	2006	Q3	$ -		4.59%	$ -	$ -		$ 0.26
2008 Q2	4.08%	5.18%	Oct-06	2006	Q4	$ -		4.59%	$ -	$ -		$ 0.26
2008 Q3	3.35%	5.43%	Nov-06	2006	Q4	$ -		4.59%	$ -	$ -		$ 0.26
2008 Q4	3.35%	5.43%	Dec-06	2006	Q4	$ -	$ 14,353.02	4.59%	$ -	$ 14,353.02	$ 14,353.02	$ 0.26
2009 Q1	2.45%	6.61%	Jan-07	2007	Q1	$ 14,353.02	$ 1,903.59	4.59%	$ 54.90	$ 16,311.51		$ 0.26
2009 Q2	1.00%	6.61%	Feb-07	2007	Q1	$ 16,256.61	$ 1,578.71	4.59%	$ 62.18	$ 17,897.50		$ 0.26
2009 Q3	0.55%	5.67%	Mar-07	2007	Q1	$ 17,835.32	$ 1,847.74	4.59%	$ 68.22	$ 19,751.28		$ 0.26
2009 Q4	0.55%	4.66%	Apr-07	2007	Q2	$ 19,683.06	$ 1,589.52	4.59%	$ 75.29	$ 21,347.87		$ 0.26
2010 Q1	0.55%	4.34%	May-07	2007	Q2	$ 21,272.58	$ 1,757.63	4.59%	$ 81.37	$ 23,111.58		$ 0.26
2010 Q2	0.55%	4.34%	Jun-07	2007	Q2	$ 23,030.21	$ 1,752.29	4.59%	$ 88.09	$ 24,870.59		$ 0.26
2010 Q3	0.89%	4.66%	Jul-07	2007	Q3	$ 24,782.50	$ 1,663.27	4.59%	$ 94.79	$ 26,540.56		$ 0.26
2010 Q4	1.20%	4.01%	Aug-07	2007	Q3	$ 26,445.77	$ 1,758.70	4.59%	$ 101.16	$ 28,305.63		$ 0.26
2011 Q1	1.47%	4.29%	Sep-07	2007	Q3	$ 28,204.47	$ 1,538.52	4.59%	$ 107.88	$ 29,850.87		$ 0.26
2011 Q2	1.47%	4.29%	Oct-07	2007	Q4	$ 29,742.99	$ 1,748.58	5.14%	$ 127.40	$ 31,618.97		$ 0.26
2011 Q3	1.47%	4.29%	Nov-07	2007	Q4	$ 31,491.57	$ 1,764.22	5.14%	$ 134.89	$ 33,390.68		$ 0.26
2011 Q4	1.47%	3.92%	Dec-07	2007	Q4	$ 33,255.79	$ 444.10	5.14%	$ 142.45	$ 33,842.34	$ 20,485.49	$ 0.26
2012 Q1	1.47%	3.92%	Jan-08	2008	Q1	$ 33,699.89	$ 1,908.82	5.14%	$ 144.35	$ 35,753.06		$ 0.26
2012 Q2	1.47%	3.92%	Feb-08	2008	Q1	$ 35,608.71	$ 1,801.51	5.14%	$ 152.52	$ 37,562.74		$ 0.26
2012 Q3	1.47%	3.92%	Mar-08	2008	Q1	$ 37,410.22	$ 1,433.25	5.14%	$ 160.24	$ 39,003.71		$ 0.26
2012 Q4	1.47%	3.92%	Apr-08	2008	Q2	$ 38,843.47	$ 1,962.01	4.08%	$ 132.07	$ 40,937.55		$ 0.26
2013 Q1	1.47%	3.92%	May-08	2008	Q2	$ 40,805.48	$ 1,720.84	4.08%	$ 138.74	$ 42,665.06		$ 0.26
2013 Q2			Jun-08	2008	Q2	$ 42,526.32	$ 1,680.53	4.08%	$ 144.59	$ 44,351.44		$ 0.26



This worksheet calculates the funding adder revenues.

Account 1555 - Sub-account Funding Adder Revenues

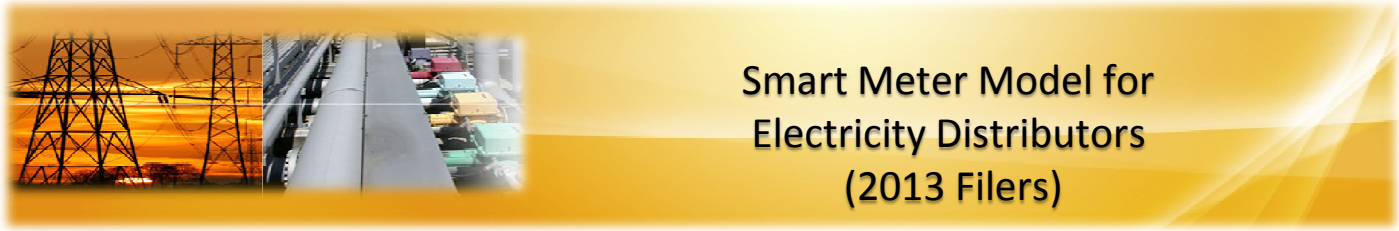
Interest Rates	Approved Deferral and Variance Accounts	CWIP	Date	Year	Quarter	Opening Balance (Principal)	Funding Adder Revenues	Interest Rate	Interest	Closing Balance	Annual amounts	Board Approved Smart Meter Funding Adder
2013 Q3			Jul-08	2008	Q3	$ 44,206.85	$ 1,720.58	3.35%	$ 123.41	$ 46,050.84		$ 0.26
2013 Q4			Aug-08	2008	Q3	$ 45,927.43	$ 1,615.63	3.35%	$ 128.21	$ 47,671.27		$ 0.26
			Sep-08	2008	Q3	$ 47,543.06	$ 1,682.74	3.35%	$ 132.72	$ 49,358.52		$ 0.26
			Oct-08	2008	Q4	$ 49,225.80	$ 1,788.73	3.35%	$ 137.42	$ 51,151.95		$ 0.26
			Nov-08	2008	Q4	$ 51,014.53	$ 1,657.55	3.35%	$ 142.42	$ 52,814.50		$ 0.26
			Dec-08	2008	Q4	$ 52,672.08	-$ 123.21	3.35%	$ 147.04	$ 52,695.91	$ 20,532.71	$ 0.26
			Jan-09	2009	Q1	$ 52,548.87	$ 3,542.93	2.45%	$ 107.29	$ 56,199.09		$ 0.26
			Feb-09	2009	Q1	$ 56,091.80	$ 1,569.51	2.45%	$ 114.52	$ 57,775.83		$ 0.26
			Mar-09	2009	Q1	$ 57,661.31	$ 1,610.58	2.45%	$ 117.73	$ 59,389.62		$ 0.26
			Apr-09	2009	Q2	$ 59,271.89	$ 1,543.71	1.00%	$ 49.39	$ 60,864.99		$ 0.26
			May-09	2009	Q2	$ 60,815.60	$ 1,793.66	1.00%	$ 50.68	$ 62,659.94		$ 0.26
			Jun-09	2009	Q2	$ 62,609.26	$ 1,932.13	1.00%	$ 52.17	$ 64,593.56		$ 0.26
			Jul-09	2009	Q3	$ 64,541.39	$ 1,923.92	0.55%	$ 29.58	$ 66,494.89		$ 0.26
			Aug-09	2009	Q3	$ 66,465.31	$ 1,649.81	0.55%	$ 30.46	$ 68,145.58		$ 0.26
			Sep-09	2009	Q3	$ 68,115.12	$ 1,583.57	0.55%	$ 31.22	$ 69,729.91		$ 0.50
			Oct-09	2009	Q4	$ 69,698.69	$ 2,858.73	0.55%	$ 31.95	$ 72,589.37		$ 0.50
			Nov-09	2009	Q4	$ 72,557.42	$ 3,417.60	0.55%	$ 33.26	$ 76,008.28		$ 0.50
			Dec-09	2009	Q4	$ 75,975.02	$ 4,828.97	0.55%	$ 34.82	$ 80,838.81	$ 28,938.19	$ 0.50
			Jan-10	2010	Q1	$ 80,803.99	$ 3,538.75	0.55%	$ 37.04	$ 84,379.78		$ 0.50
			Feb-10	2010	Q1	$ 84,342.74	$ 3,044.29	0.55%	$ 38.66	$ 87,425.69		$ 0.50
			Mar-10	2010	Q1	$ 87,387.03	$ 3,876.74	0.55%	$ 40.05	$ 91,303.82		$ 0.50
			Apr-10	2010	Q2	$ 91,263.77	$ 3,307.02	0.55%	$ 41.83	$ 94,612.62		$ 0.50
			May-10	2010	Q2	$ 94,570.79	$ 4,781.38	0.55%	$ 43.34	$ 99,395.51		$ 2.17
			Jun-10	2010	Q2	$ 99,352.17	$ 14,459.15	0.55%	$ 45.54	$ 113,856.86		$ 2.17
			Jul-10	2010	Q3	$ 113,811.32	$ 14,000.32	0.89%	$ 84.41	$ 127,896.05		$ 2.17
			Aug-10	2010	Q3	$ 127,811.64	$ 15,127.18	0.89%	$ 94.79	$ 143,033.61		$ 2.17
			Sep-10	2010	Q3	$ 142,938.82	$ 14,637.78	0.89%	$ 106.01	$ 157,682.61		$ 2.17
			Oct-10	2010	Q4	$ 157,576.60	$ 14,219.25	1.20%	$ 157.58	$ 171,953.43		$ 2.17
			Nov-10	2010	Q4	$ 171,795.85	$ 15,719.99	1.20%	$ 171.80	$ 187,687.64		$ 2.17
			Dec-10	2010	Q4	$ 187,515.84	$ 22,186.04	1.20%	$ 187.52	$ 209,889.40	$ 129,946.46	$ 2.17
			Jan-11	2011	Q1	$ 209,701.88	$ 15,604.26	1.47%	$ 256.88	$ 225,563.02		$ 2.17



This worksheet calculates the funding adder revenues.

Account 1555 - Sub-account Funding Adder Revenues

Interest Rates	Approved Deferral and Variance Accounts	CWIP	Date	Year	Quarter	Opening Balance (Principal)	Funding Adder Revenues	Interest Rate	Interest	Closing Balance	Annual amounts	Board Approved Smart Meter Funding Adder
			Feb-11	2011	Q1	$ 225,306.14	$ 14,768.31	1.47%	$ 276.00	$ 240,350.45		$ 2.17
			Mar-11	2011	Q1	$ 240,074.45	$ 16,716.53	1.47%	$ 294.09	$ 257,085.07		$ 2.17
			Apr-11	2011	Q2	$ 256,790.98	$ 12,063.46	1.47%	$ 314.57	$ 269,169.01		$ 2.17
			May-11	2011	Q2	$ 268,854.44	$ 14,154.18	1.47%	$ 329.35	$ 283,337.97		$ 2.17
			Jun-11	2011	Q2	$ 283,008.62	$ 17,593.61	1.47%	$ 346.69	$ 300,948.92		$ 2.17
			Jul-11	2011	Q3	$ 300,602.23	$ 11,941.93	1.47%	$ 368.24	$ 312,912.40		$ 2.17
			Aug-11	2011	Q3	$ 312,544.16	$ 16,438.48	1.47%	$ 382.87	$ 329,365.51		$ 2.17
			Sep-11	2011	Q3	$ 328,982.64	$ 14,496.69	1.47%	$ 403.00	$ 343,882.33		$ 2.17
			Oct-11	2011	Q4	$ 343,479.33	$ 14,322.48	1.47%	$ 420.76	$ 358,222.57		$ 2.17
			Nov-11	2011	Q4	$ 357,801.81	$ 16,539.03	1.47%	$ 438.31	$ 374,779.15		$ 2.17
			Dec-11	2011	Q4	$ 374,340.84	$ 13,203.71	1.47%	$ 458.57	$ 388,003.12	$ 182,132.00	$ 2.17
			Jan-12	2012	Q1	$ 387,544.55	$ 17,265.08	1.47%	$ 474.74	$ 405,284.37		$ 2.17
			Feb-12	2012	Q1	$ 404,809.63	$ 14,216.25	1.47%	$ 495.89	$ 419,521.77		$ 2.17
			Mar-12	2012	Q1	$ 419,025.88	$ 15,150.29	1.47%	$ 513.31	$ 434,689.48		$ 2.17
			Apr-12	2012	Q2	$ 434,176.17	$ 11,575.36	1.47%	$ 531.87	$ 446,283.40		$ 2.17
			May-12	2012	Q2	$ 445,751.53	$ 14,666.91	1.47%	$ 546.05	$ 460,964.49		$ 2.17
			Jun-12	2012	Q2	$ 460,418.44	$ 2,469.99	1.47%	$ 564.01	$ 463,452.44		
			Jul-12	2012	Q3	$ 462,888.43		1.47%	$ 567.04	$ 463,455.47		
			Aug-12	2012	Q3	$ 462,888.43		1.47%	$ 567.04	$ 463,455.47		
			Sep-12	2012	Q3	$ 462,888.43		1.47%	$ 567.04	$ 463,455.47		
			Oct-12	2012	Q4	$ 462,888.43		1.47%	$ 567.04	$ 463,455.47		
			Nov-12	2012	Q4	$ 462,888.43		1.47%	$ 567.04	$ 463,455.47		
			Dec-12	2012	Q4	$ 462,888.43		1.47%	$ 567.04	$ 463,455.47	$ 81,871.99	
			Jan-13	2013	Q1	$ 462,888.43		1.47%	$ 567.04	$ 463,455.47		
			Feb-13	2013	Q1	$ 462,888.43		1.47%	$ 567.04	$ 463,455.47		
			Mar-13	2013	Q1	$ 462,888.43		1.47%	$ 567.04	$ 463,455.47		
			Apr-13	2013	Q2	$ 462,888.43		1.47%	$ 567.04	$ 463,455.47		
			May-13	2013	Q2	$ 462,888.43		0.00%	$ -	$ 462,888.43		
			Jun-13	2013	Q2	$ 462,888.43		0.00%	$ -	$ 462,888.43		
			Jul-13	2013	Q3	$ 462,888.43		0.00%	$ -	$ 462,888.43		
			Aug-13	2013	Q3	$ 462,888.43		0.00%	$ -	$ 462,888.43		



This worksheet calculates the funding adder revenues.

Account 1555 - Sub-account Funding Adder Revenues

Interest Rates	Approved Deferral and Variance Accounts	CWIP	Date	Year	Quarter	Opening Balance (Principal)	Funding Adder Revenues	Interest Rate	Interest	Closing Balance	Annual amounts	Board Approved Smart Meter Funding Adder
			Sep-13	2013	Q3	$ 462,888.43		0.00%	$ -	$ 462,888.43		
			Oct-13	2013	Q4	$ 462,888.43		0.00%	$ -	$ 462,888.43		
			Nov-13	2013	Q4	$ 462,888.43		0.00%	$ -	$ 462,888.43		
			Dec-13	2013	Q4	$ 462,888.43		0.00%	$ -	$ 462,888.43	$ 2,268.16	
			Total Funding Adder Revenues Collected				**$ 462,888.43**		**$ 15,371.43**	**$ 478,259.86**	**$ 478,259.86**	

Smart Meter Model for Electricity Distributors (2013 Filers)

This worksheet calculates the interest on OM&A and amortization/depreciation expense, based on monthly data.

Account 1556 - Sub-accounts Operating Expenses, Amortization Expenses, Carrying Charges

Prescribed Interest Rates	Approved Deferral and Variance Accounts	CWIP	Date	Year	Quarter	Opening Balance (Principal)	OM&A Expenses	Amortization / Depreciation Expense	Closing Balance (Principal)	(Annual) Interest Rate	Interest (on opening balance)	Cumulative Interest
2006 Q1	0.00%	0.00%	Jan-06	2006	Q1	$ -			-	0.00%	-	-
2006 Q2	4.14%	4.68%	Feb-06	2006	Q1	-			-	0.00%	-	-
2006 Q3	4.59%	5.05%	Mar-06	2006	Q1	-			-	0.00%	-	-
2006 Q4	4.59%	4.72%	Apr-06	2006	Q2	-			-	4.14%	-	-
2007 Q1	4.59%	4.72%	May-06	2006	Q2	-			-	4.14%	-	-
2007 Q2	4.59%	4.72%	Jun-06	2006	Q2	-			-	4.14%	-	-
2007 Q3	4.59%	5.18%	Jul-06	2006	Q3	-			-	4.59%	-	-
2007 Q4	5.14%	5.18%	Aug-06	2006	Q3	-			-	4.59%	-	-
2008 Q1	5.14%	5.18%	Sep-06	2006	Q3	-			-	4.59%	-	-
2008 Q2	4.08%	5.18%	Oct-06	2006	Q4	-			-	4.59%	-	-
2008 Q3	3.35%	5.43%	Nov-06	2006	Q4	-			-	4.59%	-	-
2008 Q4	3.35%	5.43%	Dec-06	2006	Q4	-			-	4.59%	-	-
2009 Q1	2.45%	6.61%	Jan-07	2007	Q1	-			-	4.59%	-	-
2009 Q2	1.00%	6.61%	Feb-07	2007	Q1	-			-	4.59%	-	-
2009 Q3	0.55%	5.67%	Mar-07	2007	Q1	-			-	4.59%	-	-
2009 Q4	0.55%	4.66%	Apr-07	2007	Q2	-			-	4.59%	-	-
2010 Q1	0.55%	4.34%	May-07	2007	Q2	-			-	4.59%	-	-
2010 Q2	0.55%	4.34%	Jun-07	2007	Q2	-			-	4.59%	-	-
2010 Q3	0.89%	4.66%	Jul-07	2007	Q3	-			-	4.59%	-	-
2010 Q4	1.20%	4.01%	Aug-07	2007	Q3	-			-	4.59%	-	-
2011 Q1	1.47%	4.29%	Sep-07	2007	Q3	-			-	4.59%	-	-
2011 Q2	1.47%	4.29%	Oct-07	2007	Q4	-			-	5.14%	-	-
2011 Q3	1.47%	4.29%	Nov-07	2007	Q4	-			-	5.14%	-	-
2011 Q4	1.47%	3.92%	Dec-07	2007	Q4	-			-	5.14%	-	-
2012 Q1	1.47%	3.92%	Jan-08	2008	Q1	-			-	5.14%	-	-
2012 Q2	1.47%	3.92%	Feb-08	2008	Q1	-			-	5.14%	-	-
2012 Q3	1.47%	3.92%	Mar-08	2008	Q1	-			-	5.14%	-	-
2012 Q4	1.47%	3.92%	Apr-08	2008	Q2	-			-	4.08%	-	-
2013 Q1	1.47%	3.92%	May-08	2008	Q2	-			-	4.08%	-	-
2013 Q2	0.00%	0.00%	Jun-08	2008	Q2	-			-	4.08%	-	-
2013 Q3	0.00%	0.00%	Jul-08	2008	Q3	-			-	3.35%	-	-
2013 Q4	0.00%	0.00%	Aug-08	2008	Q3	-			-	3.35%	-	-
			Sep-08	2008	Q3	-			-	3.35%	-	-
			Oct-08	2008	Q4	-			-	3.35%	-	-
			Nov-08	2008	Q4	-			-	3.35%	-	-
			Dec-08	2008	Q4	-			-	3.35%	-	-

Jan-09	2009	Q1	-			-	2.45%	-	-
Feb-09	2009	Q1	-			-	2.45%	-	-
Mar-09	2009	Q1	-			-	2.45%	-	-
Apr-09	2009	Q2	-			-	1.00%	-	-
May-09	2009	Q2	-			-	1.00%	-	-
Jun-09	2009	Q2	-			-	1.00%	-	-
Jul-09	2009	Q3	-			-	0.55%	-	-
Aug-09	2009	Q3	-			-	0.55%	-	-
Sep-09	2009	Q3	-			-	0.55%	-	-
Oct-09	2009	Q4	-			-	0.55%	-	-
Nov-09	2009	Q4	-			-	0.55%	-	-
Dec-09	2009	Q4	-	$ 1,445.68	$ 12,675.00	14,120.68	0.55%	-	-
Jan-10	2010	Q1	14,120.68			14,120.68	0.55%	6.47	6.47
Feb-10	2010	Q1	14,120.68			14,120.68	0.55%	6.47	12.94
Mar-10	2010	Q1	14,120.68	$ 187.01		14,307.69	0.55%	6.47	19.42
Apr-10	2010	Q2	14,307.69			14,307.69	0.55%	6.56	25.97
May-10	2010	Q2	14,307.69			14,307.69	0.55%	6.56	32.53
Jun-10	2010	Q2	14,307.69			14,307.69	0.55%	6.56	39.09
Jul-10	2010	Q3	14,307.69			14,307.69	0.89%	10.61	49.70
Aug-10	2010	Q3	14,307.69			14,307.69	0.89%	10.61	60.31
Sep-10	2010	Q3	14,307.69			14,307.69	0.89%	10.61	70.92
Oct-10	2010	Q4	14,307.69			14,307.69	1.20%	14.31	85.23
Nov-10	2010	Q4	14,307.69			14,307.69	1.20%	14.31	99.54
Dec-10	2010	Q4	14,307.69	$ 35,279.91	$ 62,923.00	112,510.60	1.20%	14.31	113.85
Jan-11	2011	Q1	112,510.60			112,510.60	1.47%	137.83	251.67
Feb-11	2011	Q1	112,510.60			112,510.60	1.47%	137.83	389.50
Mar-11	2011	Q1	112,510.60	$ 16,796.79		129,307.39	1.47%	137.83	527.32
Apr-11	2011	Q2	129,307.39	$ 8,963.61		138,271.00	1.47%	158.40	685.72
May-11	2011	Q2	138,271.00			138,271.00	1.47%	169.38	855.11
Jun-11	2011	Q2	138,271.00	$ 21,230.88		159,501.88	1.47%	169.38	1,024.49
Jul-11	2011	Q3	159,501.88			159,501.88	1.47%	195.39	1,219.88
Aug-11	2011	Q3	159,501.88			159,501.88	1.47%	195.39	1,415.27
Sep-11	2011	Q3	159,501.88	$ 18,167.66		177,669.54	1.47%	195.39	1,610.66
Oct-11	2011	Q4	177,669.54			177,669.54	1.47%	217.65	1,828.30
Nov-11	2011	Q4	177,669.54			177,669.54	1.47%	217.65	2,045.95
Dec-11	2011	Q4	177,669.54	-$ 26,633.56	$ 109,437.00	260,472.98	1.47%	217.65	2,263.59
Jan-12	2012	Q1	260,472.98			260,472.98	1.47%	319.08	2,582.67
Feb-12	2012	Q1	260,472.98			260,472.98	1.47%	319.08	2,901.75
Mar-12	2012	Q1	260,472.98			260,472.98	1.47%	319.08	3,220.83
Apr-12	2012	Q2	260,472.98			260,472.98	1.47%	319.08	3,539.91
May-12	2012	Q2	260,472.98			260,472.98	1.47%	319.08	3,858.99
Jun-12	2012	Q2	260,472.98			260,472.98	1.47%	319.08	4,178.07
Jul-12	2012	Q3	260,472.98			260,472.98	1.47%	319.08	4,497.15
Aug-12	2012	Q3	260,472.98			260,472.98	1.47%	319.08	4,816.23
Sep-12	2012	Q3	260,472.98			260,472.98	1.47%	319.08	5,135.31
Oct-12	2012	Q4	260,472.98			260,472.98	1.47%	319.08	5,454.39
Nov-12	2012	Q4	260,472.98			260,472.98	1.47%	319.08	5,773.47
Dec-12	2012	Q4	260,472.98		$ 118,377.00	378,849.98	1.47%	319.08	6,092.55
Jan-13	2013	Q1	378,849.98			378,849.98	1.47%	464.09	6,556.64
Feb-13	2013	Q1	378,849.98			378,849.98	1.47%	464.09	7,020.73
Mar-13	2013	Q1	378,849.98			378,849.98	1.47%	464.09	7,484.82
Apr-13	2013	Q2	378,849.98			378,849.98	1.47%	464.09	7,948.91
May-13	2013	Q2	378,849.98			378,849.98	0.00%	-	7,948.91
Jun-13	2013	Q2	378,849.98			378,849.98	0.00%	-	7,948.91
Jul-13	2013	Q3	378,849.98			378,849.98	0.00%	-	7,948.91
Aug-13	2013	Q3	378,849.98			378,849.98	0.00%	-	7,948.91
Sep-13	2013	Q3	378,849.98			378,849.98	0.00%	-	7,948.91
Oct-13	2013	Q4	378,849.98			378,849.98	0.00%	-	7,948.91
Nov-13	2013	Q4	378,849.98			378,849.98	0.00%	-	7,948.91
Dec-13	2013	Q4	378,849.98			378,849.98	0.00%	-	7,948.91
				$ 75,437.98	$ 303,412.00	$ 378,849.98			

Smart Meter Model for Electricity Distributors (2013 Filers)

This worksheet calculates the interest on OM&A and amortization/depreciation expense, in the absence of monthly data.

Year	OM&A (from Sheet 5)	Amortization Expense (from Sheet 5)	Cumulative OM&A and Amortization Expense	Average Cumulative OM&A and Amortization Expense	Average Annual Prescribed Interest Rate for Deferral and Variance Accounts (from Sheets 8A and 8B)	Simple Interest on OM&A and Amortization Expenses
2006	$ -	$ -	$ -	$ -	4.37%	$ -
2007	$ -	$ -	$ -	$ -	4.73%	$ -
2008	$ -	$ -	$ -	$ -	3.98%	$ -
2009	$ 1,445.68	$ 12,674.77	$ 14,120.45	$ 7,060.23	1.14%	$ 80.31
2010	$ 35,467.40	$ 62,922.69	$ 112,510.55	$ 63,315.50	0.80%	$ 504.94
2011	$ 38,524.20	$ 109,436.33	$ 260,471.08	$ 186,490.81	1.47%	$ 2,741.41
2012	$ 20,360.00	$ 118,376.83	$ 399,207.91	$ 329,839.49	1.47%	$ 4,848.64
2013	$ -	$ 118,376.83	$ 517,584.74	$ 458,396.32	0.49%	$ 2,246.14

Cumulative Interest to 2011	$ 3,326.67
Cumulative Interest to 2012	$ 8,175.31
Cumulative Interest to 2013	$ 10,421.45

Smart Meter Model for Electricity Distributors (2013 Filers)

This worksheet calculates the Smart Meter Disposition Rider and the Smart Meter Incremental Revenue Requirement Rate Rider, if applicable. This worksheet also calculates any new Smart Meter Funding Adder that a distributor may wish to request. However, please note that in many 2011 IRM decisions, the Board noted that current funding adders will cease on April 30, 2011 and that the Board's expectation is that distributors will file for a final review of prudence at the earliest opportunity. The Board also noted that the SMFA is a tool designed to provide advance funding and to mitigate the anticipated rate impact of smart meter costs when recovery of those costs is approved by the Board. The Board observed that the SMFA was not intended to be compensatory (return on and of capital) on a cumulative basis over the term the SMFA was in effect. The SMFA was initially designed to fund future investment, and not fully fund prior capital investment. Distributors that seek a new SMFA should provide evidence to support its proposal. This would include documentation of where the distributor is with respect to its smart meter deployment program, and reasons as to why the distributor's circumstances are such that continuation of the SMFA is warranted. Press the "UPDATE WORKSHEET" button after choosing the applicable adders/riders.

Check if applicable		
	Smart Meter Funding Adder (SMFA)	
X	Smart Meter Disposition Rider (SMDR)	**The SMDR is calculated based on costs to December 31, 2011**
X	Smart Meter Incremental Revenue Requirement Rate Rider (SMIRR)	**The SMIRR is calculated based on the incremental revenue requirement associated with the recovery of capital related costs to December 31, 2012 and associated OM&A.**

	2006	2007	2008	2009	2010	2011	2012	2013	Total
Deferred and forecasted Smart Meter Incremental Revenue Requirement (from Sheet 5)	$ -	$ -	$ -	$ 21,052.35	$ 143,586.71	$ 226,116.72	$ 218,908.18	$ 184,481.85	$ 609,663.96
Interest on Deferred and forecasted OM&A and Amortization Expense (Sheet 8A/8B) (Check **one** of the boxes below)	$ -	$ -	$ -	$ -	$ 113.85	$ 2,149.75	$ 3,828.95		$ 6,092.55
X Sheet 8A (Interest calculated on monthly balances)	$ -	$ -	$ -	$ -	$ 113.85	$ 2,149.75	$ 3,828.95	$ 1,856.36	$ 6,092.55
Sheet 8B (Interest calculated on average annual balances)									
SMFA Revenues (from Sheet 8)	$ 14,353.02	$ 19,346.87	$ 18,848.98	$ 28,255.12	$ 128,897.89	$ 177,842.67	$ 75,343.88	$ -	$ 462,888.43
SMFA Interest (from Sheet 8)	$ -	$ 1,138.62	$ 1,683.73	$ 683.07	$ 1,048.57	$ 4,289.33	$ 6,528.11	$ 2,268.16	$ 17,639.59
Net Deferred Revenue Requirement	-$ 14,353.02	-$ 20,485.49	-$ 20,532.71	-$ 7,885.84	$ 13,754.10	$ 46,134.47	$ 140,865.14	$ 182,213.69	$ 135,228.48
Number of Metered Customers (average for 2013 test year) - Number of metered customers for which smart meter were deployed as part of program). Residential and GS < 50 kW customer classes and any other metered classes involved (e.g. GS 50 to 4999 kW for which interval meters were upgraded to utilize AMI and ODS assets)								6736	

Calculation of Smart Meter Disposition Rider (per metered customer per month)

Years for collection or refunding			1
Deferred Incremental Revenue Requirement from 2006 to December 31, 2012 plus Interest on OM&A and Amortization		$	615,756.50
SMFA Revenues collected from 2006 to 2013 test year (inclusive) Plus Simple Interest on SMFA Revenues		$	480,528.02
Net Deferred Revenue Requirement		$	135,228.48
SMDR	May 1, 2013 to April 30, 2014	$	1.67
Check: Forecasted SMDR Revenues		$	134,989.44

Match

Calculation of Smart Meter Incremental Revenue Requirement Rate Rider (per metered customer per month)

Incremental Revenue Requirement for 2013	$	184,481.85
SMIRR	$	2.28
Check: Forecasted SMIRR Revenues	$	184,296.96

Match

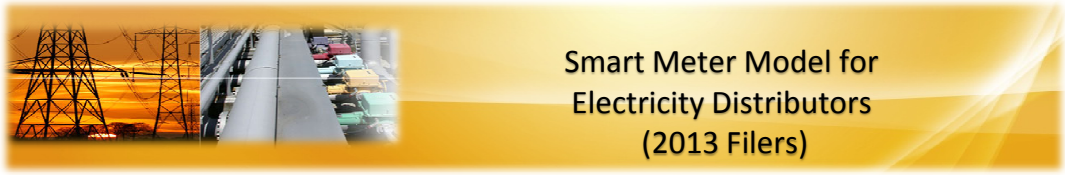
Smart Meter Model for Electricity Distributors (2013 Filers)

This worksheet calculates the class-specific SMDRs according to accepted practice. A distributor may choose to use its own methodology, but should provide analogous support for its allocation and derivation of class-specific SMDRs and SMIRRs.

Class-specific SMDRs

Revenue Requirement for Historical Years	2006	2007	2008	2009	2010	2011	2012	Total 2006 to 2012
Return on Capital	$ -	$ -	$ -	$ 8,426.47	$ 48,422.07	$ 79,955.14	$ 75,593.66	$ 212,397.33
Depreciation/Amortization expense and related interest	$ -	$ -	$ -	$ 12,674.77	$ 62,922.69	$ 109,436.33	$ 118,376.83	
	$ -	$ -	$ -	$ -	$ 72.81	$ 1,590.02	$ 3,267.04	
	$ -	$ -	$ -	$ 12,674.77	$ 62,995.50	$ 111,026.36	$ 121,643.87	$ 308,340.50
Operating Expenses and related interest	$ -	$ -	$ -	$ 1,445.68	$ 35,467.40	$ 38,524.20	$ 20,360.00	
	$ -	$ -	$ -	$ -	$ 41.04	$ 559.73	$ 561.91	

Explanation / Allocator	Residential	GS < 50 kW	GS 50 to 4999 kW
Check Row if SMDR/SMIRR apply to class	X	X	
	%	%	%
Weighted Meter Cost - Capital	70.00%	30.00%	
Allocated per class	$ 148,678.13	$ 63,719.20	$ -
Weighted Meter Cost - Capital	70%	30%	0%
Allocated per class	$ 215,838.35	$ 92,502.15	$ -
Number of Smart Meters installed by Class	#	#	#
	6,012	658	



This worksheet calculates the class-specific SMIRRs according to accepted practice. A distributor may choose to use its own methodology, but should provide analogous support for its allocation and derivation of class-specific SMDRs and SMIRRs.

Class-specific SMDRs

Revenue Requirement for 2013

		2013	**Explanation / Allocator**	Residential	GS < 50 kW	GS 50 to 4999 kW	Other (please specify)	Total
			Check Row if SMDR/SMIRR apply to class	X	X			2
				%	%	%	%	
			Weighted Meter Cost - Capital	70.00%	30.00%	0.00%	0.00%	100%
Return on Capital	$	54,766.47	Allocated per class	$ 38,336.53	$ 16,429.94	$ -	$ -	
Depreciation/Amortization expense			Weighted Meter Cost - Capital	70.00%	30.00%	0.00%	0.00%	100%
	$	118,376.83	Allocated per class	$ 82,863.78	$ 35,513.05	$ -	$ -	
Operating Expenses	$	-						
			Number of Smart Meters installed by Class	# 6,012	# 658	# -	# -	
	$	-	Allocated per class	$ -	$ -	$ -	$ -	
Revenue Requirement before Taxes/PILs	$	173,143.29		$ 121,200.31	$ 51,942.99	$ -	$ -	$ -
			Revenue Requirement before PILs	70.00%	30.00%	0.00%	0.00%	100%
Grossed-up Taxes/PILs	$	11,338.56		$ 7,936.99	$ 3,401.57	$ -	$ -	
Total Revenue Requirement for 2013	$	184,481.85		$ 129,137.30	$ 55,344.56	$ -	$ -	
			Percentage of costs allocated to each clas	70.00%	30.00%	0.00%	0.00%	
	$	-	Percentage of costs for classes with SMDR/SMIRR	70.00%	30.00%	0.00%	0.00%	
Average number of metered customers by class (2013)				6,012	658	-	-	
The SMIRR is recovered as an annualized rate until the effective date of the distributor's next rebased rates resulting from a cost of service application		1	year	1	1	1	1	
Smart Meter Incremental Revenue Requirement Rate Rider ($/month per metered customer in the customer class)				$ 1.79	$ 7.01			
Estimated SMIRR Revenues	$	184,488.72		$ 129,137.76	$ 55,350.96	$ -	$ -	
	$	6.87						

Exhibit 9: Deferral And Variance Accounts

Tab 5 (of 5): LRAM Variance Account ("LRAMVA")

LRAMVA PROCESS

THI participates in the OPA's CD&M programs. In THI's 2012 Rate Application (EB-2011-0198) the LRAM claim approved related to the fiscal year 2010. THI engaged ERA to determine the LRAM claim for 2011. ERA's report determines the 2011 LRAM claim to be $24,711 (E9/T5/S1/Att2). THI proposes to recovery of this amount over a one year period (see E9/T5/S2).

The OPA's 2011 Final Annual Report Data is provided at E9/T5/S1/Att1.

EB-2012-0168

Exhibit 9

Tab 5

Schedule 1

Attachment 1

OPA Report

Progress Towards CDM Targets

Results are attributed to target using current OPA reporting policies. Energy efficiency resources persist for the duration of the effective useful life. Any upcoming code changes are taken into account. Demand response resources persist for 1 year. Please see methodology tab for more detailed information.

Yellow cells are intended for the LDC to input information to complete their OEB Reporting Template.

Table 6: Net Peak Demand Savings at the End User Level (MW)

Implementation Period	Annual			
	2011	2012	2013	2014
2011 - Verified	1.48	0.13	0.13	0.13
2012				
2013				
2014				0.00
Verified Net Annual Peak Demand Savings Persisting in 2014:				0.13
Tillsonburg Hydro Inc. 2014 Annual CDM Capacity Target:				2.29
Verified Portion of Peak Demand Savings Target Achieved in 2014(%):				5.54%
LDC Milestone submitted for 2011				-%
Variance				

Table 7: Net Energy Savings at the End User Level (GWh)

Implementation Period	Annual				Cumulative
	2011	2012	2013	2014	2011-2014
2011 - Verified	0.55	0.48	0.48	0.47	1.98
2012					
2013					
2014					
Verified Net Cumulative Energy Savings 2011-2014:					1.98
Tillsonburg Hydro Inc. 2011-2014 Cumulative CDM Energy Target:					10.25
Verified Portion of Cumulative Energy Target Achieved (%):					19.29%
LDC Milestone submitted for 2011					-%
Variance					

EB-2012-0168

Exhibit 9

Tab 5

Schedule 1

Attachment 2

Third Party Report

Elenchus
34 King Street East
Suite 600
Toronto, ON
M5C 2X8

September 5, 2012

William Gott
Finance Regulatory Affairs Manager
Tillsonburg Hydro Inc.
10 Lisgar Ave.
Tillsonburg, ON
N4G 5A5

Re: LRAM and LRAMVA

Dear William;

Elenchus is pleased to attach the 2011 LRAM LRAMVA Report For Tillsonburg Hydro Inc. for inclusion in your 2013 COS Rate Application.

Elenchus concludes that Tillsonburg Hydro Inc.'s electricity rates should be adjusted to reflect an LRAM claim of $24,711.

Thank you for allowing Elenchus to be of service. Please contact me should you have any questions about this report.

Yours Truly,

Martin Benum
Senior Advisor

2011 LRAM LRAMVA Report

A Report Prepared by

Elenchus Research Associates Inc.

On Behalf of

Tillsonburg Hydro Inc.

September 5, 2012

September 5, 2012

Tab 1 of 3

Report

September 5, 2012

Table of Contents

Executive Review

On April 26, 2012 the Ontario Energy Board ("OEB" or "the Board") issued Guidelines for Electricity Distributor Conservation and Demand Management (EB-2012-0003) which permit Tillsonburg Hydro Inc. to make application for recovery of lost revenue that results from the successful operation of CDM initiatives within its boundaries.

The Guidelines delineate two distinct processes for recovery of lost revenues:

- Lost Revenue Adjustment Mechanism ("LRAM") accommodates the recovery of lost revenues resulting from CDM initiatives for the period from 2005 to the end of 2010 either through approved distribution rate funding by way of the third instalment of the incremental market adjusted revenue requirement ("MAAR") or through contracts with the OPA. The manner in which distributors were instructed to determine the LRAM amount was set out in the Board's Guidelines for Electricity Distributor Conservation and Demand Management, dated March 28, 2008 (EB-2008-0037) (the "2008 CDM Guidelines").

- Lost Revenue Adjustment Mechanism Variance Account ("LRAMVA") accommodates the recovery of lost revenues resulting from CDM initiatives for the period 2011-2014. The manner in which distributors were instructed to determine the LRAMVA amount is set out in the Board's Guidelines for Electricity Distributor Conservation and Demand Management, dated April 26, 2012 (EB-2012-0003) (the "2012 CDM Guidelines").

A third-party review of that recovery claim is required and is the subject of this report. Elenchus Research Associates Inc. (Elenchus) acted as the third party reviewer. Personnel details can be found in Tab 3 Schedule 1.

The third party review includes LRAM for Tillsonburg Hydro Inc.'s 2011 persistence of CDM activities for 2010, consisting of programs initiated by the Ontario Power Authority (OPA) only. There is no claim for activity related to 2005 to 2009 Third Tranche MARR funding or post-Third Tranche funding. In addition the review includes 2011 LRAMVA for 2011 OPA programs.

Total net energy savings for which LRAM/LRAMVA is being claimed amount to over 0.4 GWh in the residential rate class, 0.3 GWh in the GS < 50 kW rate class and demand savings in the GS 50 to 4,999 kW rate class totaled approximately 7.4 MW.

Elenchus concludes that Tillsonburg Hydro Inc.'s electricity rates should be adjusted to reflect an LRAM claim of $24,711.

Introduction

The LRAM and LRAMVA are designed to ensure that Local Distribution Companies ("LDC") "remain whole" despite the lower consumption levels that are, by design, the result of successful conservation and demand management initiatives. There should not be a disincentive for LDC's to encourage energy efficiency and energy conservation efforts. Therefore, an LDC is compensated for these lost revenues.

This claim for LRAM respects the process outlined in the 2008 Guidelines for rate-based applications to recover revenues lost to customer energy conservation for the 2011 persistence of 2006 to 2010 programs. In accordance with the 2008 Guidelines, which assume that CDM initiatives would be included in Tillsonburg Hydro Inc. 2009 Cost of Service load forecast, Tillsonburg Hydro Inc. is only entitled to collect the 2011 persistence of 2010 programs.

In addition this review includes claim for 2011 LRAMVA based on the 2012 Guidelines for OPA programs initiated in 2011. Tillsonburg Hydro Inc. does not have any Board Approved programs.

The LRAM and LRAMVA calculations are based on the sum of the electricity savings over the period of the claim, which are then valued at the appropriate distribution rate depending on the timing (year) of the savings and to which rate class they belonged.

The savings themselves are the product of an energy program evaluation process, often referred to as Evaluation, Measurement and Verification (EM&V). Fortunately, in the case of this claim, all savings estimates are for OPA programs and are provided by the OPA.

These savings estimates include persistence—the installation of energy conservation measures whose savings that last past the initial year that they are installed. A four-year program that installed 10 widgets per year with a savings of 1,000 kWh each would result in the following savings profile if the widgets lasted 4 or more years (which is common):

Example Savings Profile Showing Effect of Persistence

Year	In-Year Savings (kWh)	Cumulative Savings (kWh)
1	10,000	10,000

2	20,000	30,000
3	30,000	60,000
4	40,000	100,000

The OPA designed and delivered some initial programs in 2006 and 2007, but then set-out to build a portfolio of programs to address a broad cross-section of customer types that would run from 2008 to 2010. This latter time frame corresponds to an Ontario goal of shaving 1,350 MW from the electricity system in the province. Savings from these programs typically follow a pattern similar to the one illustrated in the table above. Energy program evaluations determine the energy and demand savings estimates to a reasonable degree of accuracy and also determine the persistence including patterns, or effective useful life (EUL) of new measures being installed and the remaining useful life (RUL) of measures being replaced. It is assumed that the tables provided to each LDC, Tillsonburg Hydro Inc. , by the OPA contain accurate interpretations and transcriptions of the results from those evaluations (available on the OPA Website).

There are "gross" savings and "net" savings for energy efficiency programs. OPA documentation details the differences between these two, and both are provided to LDC's by the OPA, but for the purposes of this LRAM claim only "net" savings are utilized. Net savings are determined to be those savings that would not have occurred unless the energy efficiency program was running. They are not natural conservation or savings that someone could claim would have occurred anyway. They do not include savings from "free riders."

Some energy efficiency programs are operated at a province-wide scale. These include some behavioural-based programs and some residential/consumer-orientated initiatives like discount coupons. In certain of these cases, savings are apportioned to LDC's by the OPA rather than an attempt made to track individual transactions (which is sometimes impossible).

The persistence savings claimed by Tillsonburg Hydro Inc. are therefore the net energy and demand savings that can be attributed to the programs and initiatives that operated in Tillsonburg Hydro Inc. territory during the 2010 period and as apportioned to Tillsonburg Hydro Inc. by the OPA according to its established formulae.

Likewise the 2011 program savings claimed by Tillsonburg Hydro Inc. are the net energy and demand savings that can be attributed to the programs and initiatives that operated in Tillsonburg Hydro Inc. territory during the 2011 period and as apportioned to Tillsonburg Hydro Inc. by the OPA according to its established formulae.

Assumptions

This report for Tillsonburg Hydro Inc. was created with the following assumptions that are often peculiar to the 2006-2010 period:

- "Consumer" classified as the Residential rate class
- "Business" classified as General Service <50 kW rate class
- "Industrial" classified as General Service >50 kW rate class
- "Industrial" kWh savings were omitted because they are not assignable as a volumetric charge
- "Consumer" and "Business" kW savings were omitted because they are not assignable as a volumetric charge

In addition this report for Tillsonburg Hydro Inc. was created utilizing the above assumptions in addition to the following that are often peculiar to the 2011 period:

- "Home Assistance Program" classified as the Residential rate class
- "Pre-2011 Programs completed in 2011" classified as General Service >50 kW rate class

LRAM LRAMVA Recommendations

During the period of the 2010 2011 persistence LRAM and 2011 Program LRAMVA claim, total net energy savings being claimed amount to over 0.4 GWh in the residential rate class and 0.3 GWh in the GS < 50 kW rate class. Demand savings in the GS > 50 kW rate class totaled approximately 7.4 MW.

Elenchus has concluded that Tillsonburg Hydro Inc. can justifiably claim $24,711 in LRAM including carrying costs to April 30, 2013, allocated by rate class as shown in Table 1 below.

2010 LRAM and 2011 LRAMVA

Rate Class	Savings	Amount	Interest *	Total
Residential	**0.4 GWh**	$ 6,480	$ 178	$ 6,658
General Service Less Than 50 kW	**0.3 GWh**	$ 5,072	$ 140	$ 5,212
General Service Greater Than 50 kW	**7.4 MW**	$ 12,497	$ 344	$ 12,841
Total		**$ 24,049**	**$ 662**	**$ 24,711**

* Carrying Costs to April 30, 2013

Table 1 2010 LRAM and 2011 LRAMVA

Works Sited and Referenced

1. OEB Conservation and Demand Management Code for Electricity Distributors Issued: September 16, 2010
2. Guidelines for Electricity Distributor Conservation and Demand Management (EB-2012-0003) Issued: April 26, 2012
3. OPA Estimated allocation of 2006-2010 provincial conservation results to Local Distribution Company service territories - update to December 2010 report November 15, 2011
    - 2006-2010 Final OPA CDM Results-Update Tillsonburg Hydro Inc.xls
4. OPA 2011 Draft Annual Report on provincial conservation results to Local Distribution Company service territories – issued August 31, 2012
    - 2011_Final_Annual_Report_Data_ Tillsonburg_Hydro_Inc.xls

elenchus

September 5, 2012

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Tables

Input Tables OPA Results

Input Table One	Residential 2010 2011 Persistence kWh
Input Table Two	GSLT50 2010 2011 Persistence kWh
Input Table Three	GSGT50 2010 2011 Persistence kW
Input Table Four	2011 Programs All kWh
Input Table Five	2011 Programs All kW

Input Table One
Residential 2010 Programs
2011 Persistence (kWh)

Amount	2011
2010	
Cool Savings Rebate	53,195
Every Kilowatt Counts Power Savings Event	22,064
Great Refrigerator Roundup	96,574
peaksaver®	126
2010 Total	**171,958**
Grand Total	**171,958**

Input Table Two
GSLT50 2010 Programs
2011 Persistence (kWh)

Amount	2011
2010	
High Performance New Construction	52,872
Power Savings Blitz	167,532
2010 Total	**220,404**
Grand Total	**220,404**

Input Table Three
GSGT50 2010 Programs
2011 Persistence (kW)

Amount	2011
2010	
Electricity Retrofit Incentive	531
Multi-Family Energy Efficiency Rebates	91
2010 Total	**622**
Grand Total	**622**

Input Table Four
2011 Programs
(kWh)

	kWh
RES	
Appliance Exchange	741
Appliance Retirement	45,785
Bi-Annual Retailer Event	37,608
Conservation Instant Coupon Booklet	24,413
HVAC Incentives	105,192
RES Total	**213,739**
GSLT50	
Direct Install Lighting	38,412
Efficiency: Equipment Replacement	77,100
GSLT50 Total	**115,512**
Grand Total	**329,251**

Input Table Five
2011 Programs
(kW)

Rate Class	GSGT50

	kW	Months	Extended kW
Demand Response 3	1,297	5	6,485
Electricity Retrofit Incentive Program	25	12	303
High Performance New Construction	0	12	1
Grand Total	**1,322**	**10**	**6,789**

Output Tables

Output Table One	2011 LRAM LRAMVA Calculation
Output Table Two	Carrying Cost Calculation
Output Table Three	Summary Claim

Output Table One
Tillsonburg 2010 LRAM and 2011 LRAMVA

2010 Final

2011 Persistence

	kWh	2011 Rate	Amount	Total	RES	GSLT 50	GSGT50
RES	171,958	0.0168	$ 2,889		$ 2,889		
GSLT 50	220,404	0.0151	$ 3,328			$ 3,328	
			$ 6,217				

	kW	2011 Rate	Amount				
GSGT50	622	1.6862	$ 1,049.00				$ 1,049
				$ 7,266			

2011 Preliminary

2011 Programs

	kWh	2011 Rate	Amount				
RES	213,739	0.0168	$ 3,591		$ 3,591		
GSLT 50	115,512	0.0151	$ 1,744			$ 1,744	
			$ 5,335				

	kW	2011 Rate	Amount				
GSGT50	6,789	1.6862	$ 11,448.36				$ 11,448
				$ 16,783			
			2011 LRAM	**$ 24,049**	**$ 6,480**	**$ 5,072**	**$ 12,497**

Output Table Two
Calculated Carrying Costs to April 30, 2013

Month	OEB Prescribed Annual Rate	Days in Month	Monthly Interest Rate	LRAM LRAMVA Residential	LRAM LRAMVA GS LT 50	LRAM LRAMVA GS GT 50	Allocated Carrying Costs Residential	Allocated Carrying Costs GS LT 50	Allocated Carrying Costs GS GT 50
Jan-2011	1.47%	31	0.12%	$ 540	$ 423	$ 1,041	$ 0.67	$ 0.53	$ 1.30
Feb-2011	1.47%	28	0.11%	$ 1,080	$ 845	$ 2,083	$ 1.22	$ 0.95	$ 2.35
Mar-2011	1.47%	31	0.12%	$ 1,620	$ 1,268	$ 3,124	$ 2.02	$ 1.58	$ 3.90
Apr-2011	1.47%	30	0.12%	$ 2,160	$ 1,691	$ 4,166	$ 2.61	$ 2.04	$ 5.03
May-2011	1.47%	31	0.12%	$ 2,700	$ 2,113	$ 5,207	$ 3.37	$ 2.64	$ 6.50
Jun-2011	1.47%	30	0.12%	$ 3,240	$ 2,536	$ 6,249	$ 3.91	$ 3.06	$ 7.55
Jul-2011	1.47%	31	0.12%	$ 3,780	$ 2,959	$ 7,290	$ 4.72	$ 3.69	$ 9.10
Aug-2011	1.47%	31	0.12%	$ 4,320	$ 3,382	$ 8,332	$ 5.39	$ 4.22	$ 10.40
Sep-2011	1.47%	30	0.12%	$ 4,860	$ 3,804	$ 9,373	$ 5.87	$ 4.60	$ 11.32
Oct-2011	1.47%	31	0.12%	$ 5,400	$ 4,227	$ 10,414	$ 6.74	$ 5.28	$ 13.00
Nov-2011	1.47%	30	0.12%	$ 5,940	$ 4,650	$ 11,456	$ 7.18	$ 5.62	$ 13.84
Dec-2011	1.47%	31	0.12%	$ 6,480	$ 5,072	$ 12,497	$ 8.09	$ 6.33	$ 15.60
Jan-2012	1.47%	31	0.12%	$ 6,480	$ 5,072	$ 12,497	$ 8.07	$ 6.32	$ 15.56
Feb-2012	1.47%	29	0.12%	$ 6,480	$ 5,072	$ 12,497	$ 7.55	$ 5.91	$ 14.56
Mar-2012	1.47%	31	0.12%	$ 6,480	$ 5,072	$ 12,497	$ 8.07	$ 6.32	$ 15.56
Apr-2012	1.47%	30	0.12%	$ 6,480	$ 5,072	$ 12,497	$ 7.81	$ 6.11	$ 15.06
May-2012	1.47%	31	0.12%	$ 6,480	$ 5,072	$ 12,497	$ 8.07	$ 6.32	$ 15.56
Jun-2012	1.47%	30	0.12%	$ 6,480	$ 5,072	$ 12,497	$ 7.81	$ 6.11	$ 15.06
Jul-2012	1.47%	31	0.12%	$ 6,480	$ 5,072	$ 12,497	$ 8.07	$ 6.32	$ 15.56
Aug-2012	1.47%	31	0.12%	$ 6,480	$ 5,072	$ 12,497	$ 8.07	$ 6.32	$ 15.56
Sep-2012	1.47%	30	0.12%	$ 6,480	$ 5,072	$ 12,497	$ 7.81	$ 6.11	$ 15.06
Oct-2012	1.47%	31	0.12%	$ 6,480	$ 5,072	$ 12,497	$ 8.07	$ 6.32	$ 15.56
Nov-2012	1.47%	30	0.12%	$ 6,480	$ 5,072	$ 12,497	$ 7.81	$ 6.11	$ 15.06
Dec-2012	1.47%	31	0.12%	$ 6,480	$ 5,072	$ 12,497	$ 8.07	$ 6.32	$ 15.56
Jan-2013	1.47%	31	0.12%	$ 6,480	$ 5,072	$ 12,497	$ 8.09	$ 6.33	$ 15.60
Feb-2013	1.47%	28	0.11%	$ 6,480	$ 5,072	$ 12,497	$ 7.31	$ 5.72	$ 14.09
Mar-2013	1.47%	31	0.12%	$ 6,480	$ 5,072	$ 12,497	$ 8.09	$ 6.33	$ 15.60
Apr-2013	1.47%	30	0.12%	$ 6,480	$ 5,072	$ 12,497	$ 7.83	$ 6.13	$ 15.10
							$ 178.37	$ 139.63	$ 344.02

Output Table Three
2010 LRAM and 2011 LRAMVA

Rate Class	Savings	Amount	Interest *	Total
Residential	**0.4 GWh**	$ 6,480	$ 178	$ 6,658
General Service Less Than 50 kW	**0.3 GWh**	$ 5,072	$ 140	$ 5,212
General Service Greater Than 50 kW	**7.4 MW**	$ 12,497	$ 344	$ 12,841
Total		**$ 24,049**	**$ 662**	**$ 24,711**

* Carrying Costs to April 30, 2013

September 5, 2012

Tab 3 of 3

Third Party Review

Elenchus Personnel

John Todd, President and CEO

John Todd has specialized in government regulation for over 35 years, addressing issues related to price regulation and deregulation, market restructuring to facilitate effective competition, and regulatory methodology. Sectors of primary interest in recent years have included electricity, natural gas and the telecommunications industry. John has assisted counsel in over 200 regulatory proceedings and provided expert evidence in over 100 hearings. His clients include regulated companies, producers and generators, competitors, customers groups, regulators and government.

Judy Simon, Principal, Economic Regulation and Conservation

With over 30 years of experience in the economic regulation of energy and in demand-side management/conservation and demand management (DSM/CDM), Judy brings an excellent understanding of energy regulatory jurisdictions across Canada regarding electricity and natural gas regulated utilities. Judy's focus is on helping regulated companies to work effectively within a regulated business environment. Judy spent 10 years with the Ontario Energy Board as a part-time Board Member, adjudicating more than 150 proceedings. Judy has worked with more than 40 Canadian energy utilities across Canada, several municipalities and institutions, and provincial and national energy business associations and government departments.

Marc Collins, Principal, Strategic Energy Management

Marc is Principal of Strategic Energy Management-a new division at Elenchus. He holds CEM and CMVP certifications and has 7 years of experience in the energy sector

following a very diverse prior career. Marc brings a deep knowledge of energy program evaluation (EM&V) having initiated and led that function at the OPA until joining Elenchus. His focus is on maximizing the return on investment from energy demand management and continuous improvement processes. Other areas of expertise and practice include DSM/CDM program design and evaluation planning, regulation and community energy planning. Marc provides consulting services to energy agencies, utilities, municipalities, businesses and institutions.

Martin Benum, Senior Consultant - Rates & Modeling

Martin has been a Senior Consultant at Elenchus since 2010. He has over 25 years' experience in the electricity sectors in Ontario. Martin provides strategic regulatory advice on energy regulation and designs MS Excel based tools for clients i.e. (OEB application models). He has held senior positions with Enersource Corporation and the Ontario Energy Board. He holds a degree in Business Management and is a designated CMA.

CALCULATION OF RATE RIDERS

THI has calculated the LRAM Rate Rider to be applied to the Residential, GS<50 kW and GS 50 – 499 kW classes. Table 1 shows the breakdown of the calculation.

Table 1 (E9/T5/S1/Att2)

	Total	Residential	General Service < 50 kW	General Service > 50 to 4999 kW
Lost Revenue Amount	**24,049.00**	**6,480.00**	**5,072.00**	**12,497.00**
Carrying Charges	**662.00**	**178.38**	**139.62**	**344.01**
Total	**24,711.00**	**6,658.38**	**5,211.62**	**12,841.01**
Recovery Period (Years)	**1.00**			
Annualized Amount		6,658	5,212	12,841
Annual Volume (E3/T1/S1/Att1)		49,718,289	22,374,916	115,448
Charge Parameter		kWh	kWh	kW
Rate Rider		**$0.0001**	**$0.0002**	**$0.1112**
Rate Rider proceeds		*4,971.83*	*4,474.98*	*12,837.82*
Amount to be disposed of in a future period		*(1,686.55)*	*(736.63)*	*(3.19)*