

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

**AND IN THE MATTER OF** an application by Greater Sudbury Hydro Inc. for an order approving just and reasonable rates and other charges for electricity distribution to be effective May 1, 2013.

**GREATER SUDBURY HYDRO INC. (“GREATER SUDBURY”)**

**SETTLEMENT AGREEMENT**

**FILED: April 8, 2013**

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- Appendix K – Cost Allocation Model Sheet O1
- Appendix L – Revenue Requirement Work Form
- Appendix M – Throughput Revenue

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**AND IN THE MATTER OF** an application by Greater Sudbury Hydro Inc. for an order approving just and reasonable rates and other charges for electricity distribution to be effective May 1, 2013.

**GREATER SUDBURY HYDRO INC. (“GREATER SUDBURY”)**

**PROPOSED SETTLEMENT AGREEMENT**

**FILED: APRIL 8, 2013**

**INTRODUCTION:**

Greater Sudbury carries on the business of distributing electricity to approximately 47,000 residential and commercial customers in its service area throughout the City of Greater Sudbury and Sturgeon Falls, Ontario.

Greater Sudbury filed an application with the Ontario Energy Board (the “Board”) on November 12, 2013 under section 78 of the *Ontario Energy Board Act, 1998, S.O. 1998, c. 15 (Schedule B)*, seeking approval for changes to the rates that Greater Sudbury charges for electricity distribution, to be effective May 1, 2013 (the “Application”). The Board assigned the Application File Number EB-2012-0126.

Four parties requested and were granted intervenor status: Energy Probe Research Foundation (“Energy Probe” or “EP”), the Vulnerable Energy Consumers’ Coalition (“VECC”), School Energy Coalition (“SEC”) and the Association of Major Power Consumers in Ontario (“AMPCO”). These parties are referred to collectively as the “Intervenors”.

In Procedural Order No. 1, issued on January 8, 2013, the Board approved the Intervenors in this proceeding, set dates for interrogatories and interrogatory responses and made its determination regarding the cost eligibility of the Intervenors.

In Procedural Order No 2, issued on February 28, 2013, the Board set dates for supplementary interrogatories and interrogatory responses; and dates for a Settlement Conference (March 21, 2013, continuing March 22, 2013 if necessary); and, the filing of any Settlement Proposal arising out of the Settlement Conference (April 8, 2013). There is no Board-approved Issues List for this proceeding.

The evidence in this proceeding (referred to herein as the “Evidence”) consists of the Application, including updates to the Application, and Greater Sudbury’s responses to the initial and supplemental interrogatories. The Appendices to this Settlement Agreement (the “Agreement”) are also included in the Evidence. The Settlement Conference was duly convened in accordance with the Procedural Order No. 2, with Mr. Chris Haussmann as facilitator. The Settlement Conference was held on March 21, 2013.

Greater Sudbury and the following Intervenors participated in the Settlement Conference:

- Energy Probe;
- AMPCO;
- SEC; and
- VECC.

Greater Sudbury and the Intervenors are collectively referred to below as the “Parties”.

These settlement proceedings are subject to the rules relating to confidentiality and privilege contained in the Board’s *Settlement Conference Guidelines* (the “Guidelines”). The Parties understand this to mean that the documents and other information provided, the discussion of each issue, the offers and counter-offers, and the negotiations leading to the settlement – or not – of each issue during the Settlement Conference are strictly confidential and without prejudice. None of the foregoing is admissible as evidence in this proceeding, or otherwise, with one exception: the need to resolve a subsequent dispute over the interpretation of any provision of this Settlement Agreement.

The role adopted by Board Staff in the Settlement Conference is set out in page 5 of the Guidelines. Although Board staff is not a party to this Agreement, as noted in the Guidelines, Board staff who did participate in the Settlement Conference are bound by the same confidentiality standards that apply to the Parties to the proceeding.

**A COMPLETE SETTLEMENT HAS BEEN REACHED ON ALL ISSUES IN THIS PROCEEDING:**

The Parties are pleased to advise the Board that a complete settlement has been reached on all issues in this proceeding. This document comprises the Proposed Settlement Agreement and it is presented jointly by Greater Sudbury, Energy Probe, AMPCO, SEC and VECC to the Board. It identifies the settled matters and contains such references to the Evidence as are necessary to assist the Board in understanding the Agreement. The Parties confirm the Evidence filed to date in respect of each settled issue, as supplemented in some instances by additional information recorded in this Agreement, supports the settlement of the matters identified in this Agreement. In addition, the Parties agree the Evidence, supplemented where necessary by the additional information appended to this Agreement, contains sufficient detail, rationale and quality of information to allow the Board to make findings in keeping with the settlement reached by the Parties.

The Parties explicitly request the Board consider and accept this Proposed Settlement Agreement as a package and none of the matters in respect of which a settlement has been reached is severable. Numerous compromises were made by the Parties with respect to various matters to arrive at this comprehensive Agreement. The distinct issues addressed in this proposal are intricately interrelated and reductions or increases to the agreed-upon amounts may have financial consequences in other areas of this proposal which may be unacceptable to one or more of the Parties. If the Board does not accept the Agreement in its entirety, then there is no Agreement unless the Parties agree those portions of the Agreement the Board does accept may continue as a valid settlement.

It is further acknowledged and agreed that none of the Parties will withdraw from this Agreement under any circumstances, except as provided under Rule 32.05 of the *Board's Rules of Practice and Procedure*.

It is also agreed this Agreement is without prejudice to any of the Parties re-examining these issues in any subsequent proceeding and taking positions inconsistent with the resolution of these issues in this Agreement. However, none of the Parties will, in any subsequent proceeding, take the position the resolution therein of any issue settled in this Agreement, if contrary to the terms of this Agreement, should be applicable for all or any part of the 2013 Test Year.

References to the Evidence supporting this Agreement on each issue are set out in each section of the Agreement. The Appendices to the Agreement provide further evidentiary support. The Parties agree this Agreement and the Appendices form part of the record in EB-2012-0126. The Appendices were prepared by the Applicant. The Intervenors are relying on the accuracy and completeness of the Appendices in entering into this Agreement. Appendix I to this Agreement – Proposed Schedules of 2013 Tariff of Rates and Charges – is a proposed schedule of Rates and Charges. If the Board approves the Agreement Greater Sudbury expects to use the information in Appendix I as the basis for its draft Rate Order following Board approval of this Agreement.

The Parties believe the Agreement represents a balanced proposal that protects the interests of Greater Sudbury's customers, employees and shareholder and promotes economic efficiency and cost effectiveness. It also provides the resources which will allow Greater Sudbury to manage its assets so that the highest standards of performance are achieved and customers' expectations for the safe and reliable delivery of electricity at reasonable prices are met.

The Parties agree the effective date of the rates resulting from this proposed Agreement is May 1, 2013 (referred to below as the "Effective Date").

## **ORGANIZATION AND SUMMARY OF THE SETTLEMENT AGREEMENT:**

As noted above, there is no Board-approved Issues List for this proceeding. For the purposes of organizing this Agreement, the Parties have used the Issues List in the Guelph Hydro Electric Systems Inc. proceeding (EB-2011-0123) as a guide, as that Issues List addresses all of the revenue requirement components, load forecast, deferral and variance account dispositions, cost allocation and rate design and other issues that are also relevant to determining Greater Sudbury's 2013 distribution rates.

The following Appendices accompany this Settlement Agreement:

- Appendix A – Summary of Significant Changes
- Appendix B – Continuity Schedule
- Appendix C – Cost of Power Calculation
- Appendix D – 2013 Customer Load Forecast
- Appendix E – 2013 Other Revenue
- Appendix F – 2013 PILS
- Appendix G – 2013 Cost of Capital
- Appendix H – 2013 Revenue Sufficiency
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- Appendix L – Revenue Requirement Work Form
- Appendix M – Throughput Revenue

## **UNSETTLED MATTERS:**

There are no unsettled matters in this proceeding.

## **OVERVIEW OF THE SETTLED MATTERS:**

This Agreement will allow Greater Sudbury to continue to make the necessary investments in maintenance and operation expenditures as well as capital investments to maintain the safety and reliability of the electricity distribution service that it provides.

This Agreement will also allow Greater Sudbury to: maintain current capital investment levels and, where required, appropriately increase capital investment levels in infrastructure to ensure a reliable distribution system; manage current and future staffing levels, skills and training to ensure regulatory compliance with Codes and Regulations; promote conservation programs including the Ministry of Energy directives as a condition of Greater Sudbury's distribution licence; and continue to provide the high level of customer service that Greater Sudbury's customers have come to expect.

The Parties agree no rate classes face bill impacts that require mitigation efforts as a result of this agreement.

In this Agreement, except where otherwise expressly stated, all dollar figures are calculated and expressed using Canadian Generally Accepted Accounting Principles ("CGAAP"). For the purposes of settlement, the Parties acknowledge that Greater Sudbury is not converting to International Financial Reporting Standards ("IFRS") in the 2013 Test Year and intends to remain on CGAAP until required by the Accounting Standards Board (the "AcSB") to move to IFRS. Although not converting to IFRS in 2013 Greater Sudbury has complied with the Board's letter titled "Regulatory accounting policy direction regarding changes to depreciation expense and capitalization policies 2013" dated July 17, 2012; Greater Sudbury has implemented the regulatory accounting changes for depreciation expense and capitalization policies effective January 1, 2013. As a result of these changes, Greater Sudbury expects that there will be no material adjustments when Greater Sudbury ultimately converts to IFRS.

In Greater Sudbury's Overview of Filing in its initial evidence (Exhibit 1 Tab 2) the Service Revenue Requirement for the 2013 Test Year was \$25,104,788 which included a Base Revenue Requirement of \$23,554,760 and Revenue Offsets of \$1,550,028 with a resulting Revenue Deficiency of \$844,288.



Through the interrogatory and settlement process, Greater Sudbury made changes to the Service Revenue Requirement as shown in Settlement Table #1: Service Revenue Requirement as follows:

**Settlement Table #1 - Service Revenue Requirement**

	<b>2013 Original Application – MCGAAP<sup>1</sup></b>	<b>Interrogatory Responses - 2013 MCGAAP</b>	<b>Settlement Proposal - 2013 MCGAAP</b>
<b>Cost of Capital</b>			
Rate Base	88,079,710	89,884,379	88,984,399
Cost of Capital	6.20%	5.99%	5.99%
Total Return on Rate Base	5,461,647	5,386,951	5,333,013
<b>Cost of Service</b>			
Operations, Maintenance & Admin	15,564,617	15,564,617	14,189,617
Depreciation	3,876,864	3,991,579	3,960,817
Income Taxes	201,660	417,070	467,431
<b>Service Revenue Requirement</b>	<b>25,104,788</b>	<b>25,360,217</b>	<b>23,950,879</b>
Other Revenue	1,550,028	1,663,775	1,696,775
<b>Base Revenue Requirement</b>	<b>23,554,760</b>	<b>23,696,442</b>	<b>22,254,104</b>

(<sup>1</sup>MCGAAP – “Modified Canadian Generally Accepted Accounting Principles” – incorporates changes to capitalization policies and asset useful lives)

The revised Service Revenue Requirement for the 2013 Test Year is \$23,950,879 which reflects the updated cost of capital parameters (ROE and Deemed Short Term Debt rate) issued by the Board on February 14, 2013 applicable to applications for rebasing effective May 1, 2013. The weighted average long term debt rate was agreed to be 4.14%, for the purpose of settlement. Compared to the forecast 2013 revenue at current rates of \$22,742,171 the revised Service Revenue Requirement represents a sufficiency of \$488,067 which is a decrease of \$1,332,355 from the revenue deficiency of \$844,288 set out in Exhibit 6, Tab 2, Schedule 1 in Greater Sudbury’s COS Application filing.

Through the settlement process, Greater Sudbury has agreed to certain adjustments from its original 2013 Application and subsequent updated Evidence. Any such changes are described in the sections below.

## 1. GENERAL

- 1.1 Has Greater Sudbury responded appropriately to all relevant Board directions from previous proceedings?

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**Status:** Complete Settlement

**Supporting Parties:** Greater Sudbury, Energy Probe, SEC, VECC, AMPCO

**Evidence:** Application: Ex 1/1/11  
IRR: 4-Staff-24

The decision in EB-2008-0230 required that Greater Sudbury undertake a transfer pricing study to determine the appropriate allocation of costs as between Greater Sudbury and its affiliates including the City of Greater Sudbury (CGS) with respect to, the provision of shared services to affiliates including billing services to both Greater Sudbury and the CGS by their affiliate Greater Sudbury Hydro Plus Inc. For the purposes of Settlement the parties agree that Greater Sudbury has complied with that Board direction through the completion of the BDR North America Study attached as Exhibit 1, Tab 1, Schedule 11, Attachment 1 to the application. The results of the study have been incorporated into the Board ordered deferral account 1574 in accordance with that same decision, and the parties agree to disposition of the resulting amounts as applied for by Greater Sudbury.

- 1.2 Are Greater Sudbury's economic and business planning assumptions for 2013 appropriate?

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**Status:** Complete Settlement

**Supporting Parties:** Greater Sudbury, Energy Probe, SEC, VECC, AMPCO

**Evidence:** Application: Ex1/2/3

For the purposes of settlement, the Parties accept Greater Sudbury's economic and business planning assumptions for 2013.

- 1.3 Is service quality, based on the Board specified performance assumptions for 2013, appropriate?

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**Status:** Complete Settlement  
**Supporting Parties:** Greater Sudbury, Energy Probe, SEC, VECC, AMPCO  
**Evidence:** Application: Ex2/6/1

For the purposes of settlement, the Parties accept Greater Sudbury's evidence with respect to the acceptability of its service quality, based on the Board-specified indicators.

- 1.4 What is the appropriate effective date for any new rates flowing from this Application?

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**Status:** Complete Settlement  
**Supporting Parties:** Greater Sudbury, Energy Probe, SEC, VECC, AMPCO  
**Evidence:** Application: Ex1/1/7

For the purpose of settlement, the Parties accept that the appropriate effective date of the new rates flowing from this Application is May 1, 2013. In the event new rates cannot be implemented on May 1, 2013 Greater Sudbury will track any over-recovery in a deferral account and refund any such amounts through a rate rider.

## 2. RATE BASE

### 2.1 Is the proposed rate base for the test year appropriate?

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<b>Status:</b>	<b>Complete Settlement</b>
Supporting Parties:	Greater Sudbury, Energy Probe, SEC, VECC, AMPCO
Evidence:	Application: Ex2/1/1 IRR: 2-VECC-48 1-Energy Probe-33s 2-SEC-25s

For the purposes of settlement, the Parties agree that a forecast Rate Base of \$88,984,399 for the 2013 Test Year under CGAAP is appropriate. A full calculation of this agreed Rate Base is set out later in this section in Settlement Table #2: Rate Base. The settled 2013 Rate Base incorporates the settlement of Issues 2.2, 2.3 and 4.2 with respect to the forecast working capital allowance, the forecast 2013 Capital Expenditures and the forecast level of amortization respectively.

The revised Rate Base value reflects the following changes to the working capital allowance:

- With respect to Cost of Power, the Parties have agreed for the purposes of settlement to accept the Load Forecast in Greater Sudbury's Initial Application except for the following:
  - The manual CDM adjustment for 2013 has been reduced from the gross level to the net level. The adjustment also reflects a full year of 2012 programs persisting into 2013 along with the half year rule being applied to 2013 programs and 2011 programs.
  - CDM Activity variable was adjusted to reflect the final OPA 2011 CDM results;
  - RPP rates were updated to reflect the change in charges effective November 1, 2012;
  - The Retail Transmission Network & Connection charges were updated to reflect the change in the Ontario uniform electricity transmission rates effective January 1, 2013;
  - The Rural or Remote Electricity Rate Protection (RRRP) and the Wholesale Market Service Rate costs were updated to reflect the revised charges effective May 1, 2013 as per EB-2013-0067.

The Cost of Power was therefore increased from \$94,914,882 to \$95,179,964 as a result of these changes. Please see Appendix C for the detailed Cost of Power calculation.

- The Parties agree that the 2013 OM&A for the Test Year, should be \$14,189,617 (MCGAAP), a decrease of \$1,375,000 from \$15,564,617 in the original Application. OM&A expenses are discussed in further detail under item 4.1.

The changes to working capital allowance are set out in Settlement Table #3: Allowance for Working Capital, under Section 2.2 below.

Agreed upon adjustments to Greater Sudbury's proposed Overall Rate Base under CGAAP are set out in Settlement Table #2: Rate Base, below.

**Settlement Table #2: Rate Base**

Line No.	Particulars		Initial Application	Adjustments	Settlement Agreement
1	Gross Fixed Assets (average)	(3)	\$187,800,824	(\$1,332,878)	\$186,467,946
2	Accumulated Depreciation (average)	(3)	(\$114,083,450)	\$2,381,857	(\$111,701,593)
3	Net Fixed Assets (average)	(3)	\$73,717,375	\$1,048,979	\$74,766,353
4	Allowance for Working Capital	(1)	\$14,362,335	(\$144,289)	\$14,218,046
5	<b>Total Rate Base</b>		<b>\$88,079,710</b>	<b>\$904,689</b>	<b>\$88,984,399</b>

2.2 Is the working capital allowance for the test year appropriate?

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**Status:** Complete Settlement

Supporting Parties: Greater Sudbury, Energy Probe, SEC, VECC, AMPCO

Evidence: Application: Ex2/5  
 IRR: 2-Energy Probe-10 & 38s

For the purposes of settlement, the Parties agree to a Working Capital Allowance calculation based on 13% of the OM&A expenses of \$14,189,618 (MCGAAP), and Cost of Power of \$95,179,964. Greater Sudbury is remaining at the 13% level as indicated in the Board's Letter dated April 12, 2012 in recognition that Greater Sudbury will continue to utilize bi-monthly billing, and has removed any incremental OM&A expenses related to monthly billing from its proposed operating budget for 2013.

**Settlement Table #3: Allowance for Working Capital**

Line No.	Particulars	Initial Application	Adjustments	Settlement Agreement
6	Controllable Expenses	\$15,564,617	(\$1,375,000)	\$14,189,617
7	Cost of Power	\$94,914,882	\$265,082	\$95,179,964
8	Working Capital Base	\$110,479,500	(\$1,109,918)	\$109,369,582
9	Working Capital Rate % (2)	13.00%	0.00%	13.00%
10	Working Capital Allowance	\$14,362,335	(\$144,289)	\$14,218,046

2.3 Is the capital expenditure forecast for the test year appropriate?

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**Status:** Complete Settlement

Supporting Parties: Greater Sudbury, Energy Probe, SEC, VECC, AMPCO

Evidence: Application: Ex 2/4  
 IRR: 2-Energy Probe-6

For the purposes of settlement, the Parties accept net capital expenditures of \$11,252,605 amended from Greater Sudbury's Supplementary Interrogatory Responses of \$12,692,605. The resulting continuity schedule is shown in Appendix B.

2.4 Is the capitalization policy and allocation procedure appropriate?

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**Status:** Complete Settlement

Supporting Parties: Greater Sudbury, Energy Probe, SEC, VECC, AMPCO

Evidence:                      Application: Ex2/2/1  
   IRR: 4-Staff-28

For the purposes of settlement, the Parties accept Greater Sudbury's capitalization policy as set out in Exhibit 2, Tab 2, Schedule 1 of the original Application.

### 3. LOAD FORECAST AND OPERATING REVENUE

3.1 Is the load forecast methodology including weather normalization appropriate?

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**Status:** Complete Settlement

**Supporting Parties:** Greater Sudbury, Energy Probe, SEC, VECC, AMPCO

**Evidence:** Application: Ex3/1

For the purposes of settlement, the Parties accept the outputs of Greater Sudbury's load forecast methodology including weather normalization as adjusted by the forecast impact of CDM detailed under issue 3.3, and without prejudice to any position the Parties may take with respect to the methodology itself.

This results in a billed consumption forecast of 943,516,400 kWh and 992,900 kW in the 2013 Test Year. The accepted CDM adjustment for 2012 and 2013 CDM programs is 9,411,887 kWh and 1,664 kW for the 2013 Test Year.

3.2 Are the proposed customers/connections and load forecasts (both kWh and kW) for the test year appropriate?

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**Status:** Complete Settlement

**Supporting Parties:** Greater Sudbury, Energy Probe, SEC, VECC, AMPCO

**Evidence:** Application: Ex3/1/2

For the purposes of settlement, the Parties accept Greater Sudbury's customers/connections forecast (both kWh and kW) for the 2013 Test Year. With respect to the load forecast, through the settlement process Greater Sudbury modified the movement of the CDM manual adjustment from gross to net consumption to exclude the free ridership. The changes made to the consumption for all classes reflect the CDM manual adjustment from gross to net consumption, and also reflect application of the half year rule for 2013 programs and 2011 programs. Settlement Table #4: Load Forecast, details the above changes. Appendix D reflects the revised load forecast.



**Settlement Table #4: Load Forecast**

	<b>Original Application Filing</b>	<b>Settlement Adjustments</b>	<b>Settlement Agreement</b>
<b>Residential</b>			
Customers	42,512	-	42,512
kWh	401,373,120	753,094	402,126,214
<b>GS&lt;50 kW</b>			
Customers	4,061	-	4,061
kWh	141,856,898	1,033,917	142,890,815
<b>GS 50 to 4,999 kW</b>			
Customers	531	-	531
kWh	385,479,346	3,097,407	388,576,753
kW	969,057	- 22	969,035
<b>Street Lights</b>			
Connections	9,578	-	9,578
kWh	7,985,224	31,591	8,016,815
kW	22,306	274	22,580
<b>Sentinel Lights</b>			
Connections	436	-	436
kWh	460,643	1,823	462,466
kW	1,269	16	1,285
<b>Unmetered Loads</b>			
Connections	345	-	345
kWh	1,437,650	5,687	1,443,337
<b>Totals</b>			
Customers/Connections	57,463	-	57,463
kWh	938,592,881	4,923,519	943,516,400
kW	992,632	268	992,900

3.3 Is the impact of CDM appropriately reflected in the load forecast?

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**Status:** Complete Settlement

**Supporting Parties:** Greater Sudbury, Energy Probe, SEC, VECC, AMPCO

**Evidence:** Application: Ex3/1/3

For the purposes of settlement, the Parties agree that the CDM adjustment should be changed from gross to net, and a half year rule should be applied to the 2013 programs and 2011 programs. The CDM adjustment for 2012 and 2013 CDM programs to the 2013 Test Year load forecast has been allocated to each rate class based on the proportion of the class kWh to the total. The result is a reduction from 13,566,120 kWh to 9,411,887 kWh. This reflects both the move from gross to net and both the 2013 and 2011 half-year rule. Settlement Table #5: CDM Adjusted Forecast, below provides the CDM impact on billed kW and kWh per customer class.

**Settlement Table #5: CDM Adjusted Forecast**

	<b>Billed Load Forecast before CDM Adjustment (kWh)</b>	<b>Billed Load Forecast after CDM Adjustment (kWh)</b>	<b>CDM Adjustment (kWh)</b>
Residential	406,137,555	402,126,214	4,011,341
GS<50 kW	144,316,198	142,890,815	1,425,383
GS>50 kW	392,452,934	388,576,753	3,876,181
Street Lights	8,096,785	8,016,815	79,970
Sentinel Lighting	467,079	462,466	4,613
USL	1,457,735	1,443,337	14,398
	<b>952,928,286</b>	<b>943,516,399</b>	<b>9,411,887</b>

	<b>Billed Load Forecast before CDM Adjustment (kW)</b>	<b>Billed Load Forecast after CDM Adjustment (kW)</b>	<b>CDM Adjustment (kW)</b>
Residential	-	-	-
GS<50 kW	-	-	-
GS>50 kW	970,659	969,035	1,624
Street Lights	22,618	22,580	38
Sentinel Lighting	1,287	1,285	2
USL	-	-	-
	<b>994,564</b>	<b>992,900</b>	<b>1,664</b>

For the purposes of settlement, the Parties agree the 2013 LRAMVA amount of 13,566,120 kWh and 2,457 kW has been calculated using the OPA's 2011-2014 CDM targets assigned to Greater Sudbury, which reflects the actual 2011 CDM results and the persistence of 2011 into 2013. The LRAMVA amount differs from the CDM adjustment of 9,411,887 kWh and 1,664 kW, as the persistent savings from 2011 must be included in the calculation in order to capture the correct amount of targets assigned to Greater Sudbury for 2013. Therefore, the 2013 LRAMVA includes the 2011 persistent savings of 3,050,813 kWh as provided by the OPA's 2011 Final Annual Report, 2012 persistent savings of 5,257,653 kWh and the full year 2013 forecasted savings of 5,257,653 kWh. Settlement Table #6:

LRAMVA Calculation, below provides details of the 2013 kWh and kW savings which will be used in the calculation of the LRAMVA account.

**Settlement Table #6: LRAMVA Calculation**

<b>2011 to 2014 CDM Targets per Year</b>					
43,710,000					
	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
2011 Programs	7.0%	7.0%	7.0%	6.9%	27.8%
2012 Programs	0.0%	12.0%	12.0%	12.0%	36.1%
2013 Programs	0.0%	0.0%	12.0%	12.0%	24.1%
2014 Programs	0.0%	0.0%	0.0%	12.0%	12.0%
	<b>7.0%</b>	<b>19.0%</b>	<b>31.0%</b>	<b>43.0%</b>	<b>100.0%</b>
<b>2011-2014 CDM kWh Targets Per Year</b>					
2011 Programs	3,054,630	3,051,063	3,050,813	3,007,574	12,164,080
2012 Programs		5,257,653	5,257,653	5,257,653	15,772,960
2013 Programs		-	5,257,653	5,257,653	10,515,306
2014 Programs		-	-	5,257,653	5,257,653
	<b>3,054,630</b>	<b>8,308,716</b>	<b>13,566,120</b>	<b>18,780,533</b>	<b>43,710,000</b>

The Parties agree, for the purposes of settlement, the LRAMVA amount is to be allocated to the customer classes based on the percentages outlined in proportion of the class kWh to the total. Settlement Table #7: LRAMVA Allocation per Customer Class, below provides details of this allocation.

**Settlement Table #7: LRAMVA Allocation per Customer Class**

	<b>Allocation</b>		<b>Allocation</b>	<b>Total LRAMVA</b>	<b>Total LRAMVA</b>
	<b>LRAMVA kWh</b>	<b>per Class</b>	<b>LRAMVA kW</b>	<b>per Class</b>	<b>kWh Allocated</b>
					<b>per Class</b>
					<b>kW Allocated</b>
					<b>per Class</b>
Residential		43%			5,833,432
GS<50 kW		15%			2,034,918
GS>50 kW		41%		98%	5,562,109
Street Lighting		1%		2%	135,661
Sentinel Lighting		0%			-
USL		0%			-
<b>Totals</b>	<b>3,156,120</b>	<b>100%</b>	<b>2,457</b>	<b>100%</b>	<b>13,566,120</b>
					<b>2,457</b>

3.4 Is the proposed forecast of test year throughput revenue appropriate?

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**Status:** **Complete Settlement**

Supporting Parties: Greater Sudbury, Energy Probe, SEC, VECC, AMPCO

Evidence: Application: Ex3/1/4

For the purposes of settlement, the Parties agree on the throughput revenue as set out in Appendix M: Throughput Revenue.

3.5 Is the test year forecast of other revenues appropriate?

---

**Status:** **Complete Settlement**

Supporting Parties: Greater Sudbury, Energy Probe, SEC, VECC, AMPCO

Evidence: Application: Ex3/3/1  
IRR: 3-Staff-23  
3-Energy Probe-15  
3-Energy Probe-39s & 40s

For the purposes of settlement, the Parties agree upon a forecast of \$1,696,775 in Other Distribution Revenue, an increase of \$146,747 from \$1,550,028 as set out in the original application and an increase of \$33,000 from \$1,663,775 as set out in the Supplementary Interrogatories. Appendix E – 2013 Other Revenue provides additional detail.

## 4. OPERATING COSTS

### 4.1 Is the overall OM&A forecast for the test year appropriate?

---

<b>Status:</b>	<b>Complete Settlement</b>
Supporting Parties:	Greater Sudbury, Energy Probe, SEC, VECC, AMPCO
Evidence:	Application: Ex4/2 IRR: 4-AMPCO-6 4-AMPCO-7 4-Energy Probe-17 4-Energy Probe-19 4-Energy Probe-21 4-SEC-12 4-Staff-24 4-Staff-25 4-VECC-25 4-VECC-26 4-VECC-29

For the purposes of settlement, the Parties agree the 2013 OM&A for the Test Year should be \$14,189,617 (MCGAAP), a decrease of \$1,375,000 from the \$15,564,617 original Application revised through the interrogatory process. The Parties relied on Greater Sudbury's view that it can safely and reliably operate the distribution system based on the total OM&A budget proposed. Greater Sudbury has provided, in Settlement Table #8: OM&A Expense Budget, below a revised OM&A budget based on this proposed total amount. The breakdown of the budget into categories is not intended by the Parties to be in any way a deviation from the normal rule that, once the budget is established, it is up to management to determine through the year how best to spend that budget given the actual circumstances and priorities of the company throughout the test year. The Parties specifically note that approximately \$1,000,000 of the reduction in the applied for OM&A reflects Greater Sudbury continuing with bi-monthly billing rather than moving to monthly billing, as a well as continuing with the sharing of billing costs with the City of Greater Sudbury.

**Settlement Table #8: OM&A Expense Budget**

	<b>Original Application</b>	<b>Settlement Adjustments</b>	<b>Settlement Agreement</b>
Operations	6,914,732	(172,991)	6,741,741
Maintenance	2,163,820	(169,201)	1,994,619
Billing & Collecting	3,146,864	(1,032,808)	2,114,056
Community Relations	78,108	-	78,108
Administrative & General	3,261,093	-	3,261,093
<b>Total</b>	<b>15,564,617</b>	<b>(1,375,000)</b>	<b>14,189,618</b>

4.2 Is the proposed level of depreciation/amortization expense for the test year appropriate?

---

**Status:** **Complete Settlement**

Supporting Parties: Greater Sudbury, Energy Probe, SEC, VECC, AMPCO

Evidence: Application: Ex4/7/1  
 IRR: 4-Staff-54s

For the purposes of settlement, the Parties accept the useful lives proposed by Greater Sudbury in Settlement Table #9: Depreciation Useful Lives, below and the depreciation expense reported in the continuity schedules in Appendix B. The Parties agree on depreciation/amortization expenses of \$3,960,817 (net of Fully Allocated Depreciation).

As cited in Greater Sudbury's Application, the Applicant adopted revised depreciation periods which were detailed in Exhibit 2, Tab 2, Schedule 3, Attachment 1 and Exhibit 4, Tab 7, Schedule 1. The analysis in Exhibit 4, Tab 7, and Schedule 1, Attachment 1 provides comparisons to depreciation rates adopted by Greater Sudbury with the typical useful lives as indicated in the Kinectrics Study dated July 8, 2010 which was commissioned by the Board. Greater Sudbury is implementing this depreciation approach effective from January 1, 2013 and has applied it to the Test Year in its evidence.

**Settlement Table #9: Depreciation Useful Lives**

**Greater Sudbury Hydro Inc  
 Components List and Useful Lives**

USofA #	USofA - Description	Component	Kinetrics Useful Lives Study			GSHI Years
			Min	Typ	Max	
1611	Computer Software		2		5	5
1805	Land			N/A		
1808	Buildings		50		75	50
1808	Building Improvements			N/A		25
1820	Distribution Station Equipment <50 kV	Station DC System	10	20	30	20
1820	Distribution Station Equipment <50 kV	Station Battery Bank	10	15	15	20
1820	Distribution Station Equipment <50 kV	Station Battery Charger	20	20	30	20
1820	Distribution Station Equipment <50 kV	Digital Numeric Relays	15	20	20	20
1820	Distribution Station Equipment <50 kV	Parking	25		30	25
1820	Distribution Station Equipment <50 kV	Fence	25		60	25
1820	Distribution Station Equipment <50 kV	Roof	20		30	25
1820	Distribution Station Equipment <50 kV	Power Transformers	30	45	60	45
1820	Distribution Station Equipment <50 kV	Power Transformer Bushings	10	20	30	45
1820	Distribution Station Equipment <50 kV	Station Service Transformer	30	45	55	45
		Station Independent				
1820	Distribution Station Equipment <50 kV	Breakers	35	45	65	45
1830	Poles, Towers & Fixtures	Fully Dressed Wood Poles	35	45	75	40
1835	Overhead Conductors & Devices		50	60	75	40
1840	Underground Conduit	Ducts	30	50	85	50
1845	Underground Conductors & Devices	Conductor	35	40	60	40
1845	Underground Conductors & Devices	Switchgear	20	30	45	40
1850	Line Transformers	OH Transformers	30	40	60	40
1850	Line Transformers	Pad-Mounted	25	40	45	40
1855	Services (Overhead & Underground)	Secondary	25-35	35-40	40-60	40
1860	Meters	Res & Ind/Comm Energy	25		35	25
1860	Meters	Smart Meters	5		15	15
1860	Meters	Metering Equipment	35		50	45
1860	Meters	Wholesale Metering	15		30	30
1915	Office Furniture & Equipment		5		15	10
1920	Computer Equipment - Hardware		3		5	5
1930	Transportation Equipment	Trucks & Buckets	5		15	12
1930	Transportation Equipment	Trailers	5		20	12
1930	Transportation Equipment	Vans/Cars	5		10	8
1940	Tools, Shop & Garage Equipment		5		10	10
1955	Communications Equipment		2		10	10
1960	Miscellaneous Equipment	Smart Meters	5		10	10
1980	System Supervisory Equipment		15	20	30	20



4.3 Are the 2013 compensation costs and employee levels appropriate?

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**Status:** Complete Settlement

Supporting Parties: Greater Sudbury, Energy Probe, SEC, VECC, AMPCO

Evidence: Application: Ex4/4/1  
IRR: 4-AMPCO-8  
4-Energy Probe-23  
4-SEC-16  
4-SEC-18  
4-Staff-26  
4-VECC-35

For the purpose of settlement, the Parties accept that Greater Sudbury's forecasted 2013 Test Year compensation costs and employee levels may be affected by the overall reduction in 2013 Test Year OM&A discussed above in Section 4.1. All Parties accept that the compensation costs and employee levels implicit in the revised OM&A budget are appropriate.

4.4 Is the test year forecast of property taxes appropriate?

---

**Status:** Complete Settlement

Supporting Parties: Greater Sudbury, Energy Probe, SEC, VECC, AMPCO

Evidence: Application: Ex4/2

For the purposes of settlement, the Parties accept Greater Sudbury's forecast of property taxes payable in the 2013 Test Year as part of OM&A expenses.

4.5 Is the test year forecast of PILs appropriate?

---

**Status:** **Complete Settlement**

**Supporting Parties:** Greater Sudbury, Energy Probe, SEC, VECC, AMPCO

**Evidence:** Application: Ex4/8/1  
IRR: 4-Energy Probe-24  
1-Staff-47s  
4-Staff-55s  
4-Energy Probe-43s

For the purpose of settlement, the parties accept Greater Sudbury's 2013 Test Year PILs forecast as set out in Appendix F to this Settlement Agreement. Please see Appendix F – 2013 PILs, for additional details.

## 5. CAPITAL STRUCTURE AND COST OF CAPITAL

5.1 Is the proposed capital structure, rate of return on equity and short term debt rate appropriate?

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**Status:** Complete Settlement

**Supporting Parties:** Greater Sudbury, Energy Probe, SEC, VECC, AMPCO

**Evidence:** Application: Ex5/1  
 IRR: 5-Staff-55s

For the purposes of settlement, the Parties agree that Greater Sudbury's proposed capital structure of 56% long term debt, 4% short term debt, and 40% equity is appropriate.

This Settlement Agreement has been prepared using the Board's updated Cost of Capital Parameters for return on equity (8.98%) and short term debt (2.07%) for cost of service applications for rates effective May 1, 2013, issued on February 14, 2013. These rates will be incorporated into the Draft Rate Order to be prepared following the issuance of the Board's Decision on the Settlement Agreement, (long-term debt is addressed separately in Section 5.2.). Settlement Table #10: Deemed Capital Structure for 2013 below provides details of the above-noted parameters. Please also refer to Appendix G – 2013 Cost of Capital.

**Settlement Table #10: Deemed Capital Structure for 2013**

### Capitalization/Cost of Capital

Line No.	Particulars	Capitalization Ratio		Cost Rate	Return
		Settlement Agreement			
		(%)	(\$)	(%)	(\$)
	<b>Debt</b>				
1	Long-term Debt	56.00%	\$49,831,263	4.14%	\$2,063,014
2	Short-term Debt	4.00%	\$3,559,376	2.07%	\$73,679
3	<b>Total Debt</b>	<b>60.00%</b>	<b>\$53,390,639</b>	<b>4.00%</b>	<b>\$2,136,693</b>
	<b>Equity</b>				
4	Common Equity	40.00%	\$35,593,760	8.98%	\$3,196,320
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	<b>Total Equity</b>	<b>40.00%</b>	<b>\$35,593,760</b>	<b>8.98%</b>	<b>\$3,196,320</b>
7	<b>Total</b>	<b>100.00%</b>	<b>\$88,984,399</b>	<b>5.99%</b>	<b>\$5,333,013</b>

5.2 Is the proposed long term debt rate appropriate?

---

<b>Status:</b>	<b>Complete Settlement</b>
Supporting Parties:	Greater Sudbury, Energy Probe, SEC, VECC, AMPCO
Evidence:	Application: Ex5/1 IRR: 5-Staff-55s

For the purposes of settlement, the Parties accept the long term debt rate of 4.14% for Greater Sudbury. The calculation of the long term debt rate is set out in Appendix G to this Agreement.

## 6. COST ALLOCATION

### 6.1 Is Greater Sudbury's cost allocation appropriate?

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**Status:** **Complete Settlement**

**Supporting Parties:** Greater Sudbury, Energy Probe, SEC, VECC, AMPCO

**Evidence:** Application: Ex7/1/1

For the purpose of settlement, the Parties agree that the revenue-to-cost ratios for the 2013 Test Year, reflecting the agreed-upon 2013 Test Year Revenue Requirement, will be as set out in Settlement Table #11: 2013 Test Year Revenue to Cost Ratios, below.

**Settlement Table #11: 2013 Test Year Revenue to Cost Ratios**

	Revenue Requirement Cost Allocation Model Line 40 from O1	Base Revenue Allocated based on Proportion of Revenue at Existing Rates	Misc Income Allocated from Cost Allocation Line 19 from O1	Total Revenue	Current Revenue to Cost Ratio	Proposed Revenue to Cost Ratio
Residential	15,252,549	12,936,375	1,160,538	14,096,913	92.42%	92.42%
General Service < 50 kW	3,258,128	3,628,368	215,193	3,843,561	117.97%	117.97%
General Service > 50 to 4999 kW	4,557,185	4,948,063	250,963	5,199,027	114.08%	114.08%
Unmetered Scattered Load	39,536	49,984	3,659	53,643	135.68%	120.00%
Street Lighting	799,299	657,394	62,325	719,719	90.04%	90.57%
Sentinel Lighting	44,183	33,921	4,096	38,016	86.04%	90.57%
<b>Total</b>	<b>23,950,879</b>	<b>22,254,105</b>	<b>1,696,774</b>	<b>23,950,879</b>		

	2013 Proposed Service Revenue Requirement	2013 Proposed Misc Revenue per CA Model	2013 Proposed Base Revenue Requirement	Board Target Low	Board Target High
Residential	14,096,913	1,160,538	12,936,375	85%	115%
General Service < 50 kW	3,843,561	215,193	3,628,368	80%	120%
General Service > 50 to 4999 kW	5,199,027	250,963	4,948,063	80%	120%
Unmetered Scattered Load	47,443	3,659	43,784	80%	120%
Street Lighting	723,919	62,325	661,594	70%	120%
Sentinel Lighting	40,017	4,096	35,921	80%	120%
<b>Total</b>	<b>23,950,879</b>	<b>1,696,774</b>	<b>22,254,105</b>		

6.2 Are the proposed revenue-to-cost ratios for each class appropriate?

---

**Status:** **Complete Settlement**

Supporting Parties: Greater Sudbury, Energy Probe, SEC, VECC, AMPCO

Evidence: Application: Ex7/1/1

For the purposes of settlement, the Parties accept the revenue-to-cost ratios for the 2013 Test Year, as set out under issue 7.1 below, and that no further adjustments to revenue-cost-ratios will be necessary from 2014 to 2016.

## 7. RATE DESIGN

7.1 Are the fixed-variable splits for each class appropriate?

**Status:** Complete Settlement  
**Supporting Parties:** Greater Sudbury, Energy Probe, SEC, VECC, AMPCO  
**Evidence:** Application: Ex8/2/1

For the purposes of settlement, the Parties accept the proposed fixed-variable splits for each class presented in Settlement Table #12: Fixed Charge Analysis, below.

**Settlement Table #12: Fixed Charge Analysis**

Customer Class	Current Fixed Charge Split	Current Volumetric Split	Total	Fixed Rate Based	2012 Rates from	Min System with
				on Current Fixed/Variable Revenue Proportions	OEB Approved Tariff	PLCC Adjustment (Ceiling Fixed Charge From Cost Allocation Model)
Residential	62.28%	37.72%	100.00%	15.79	16.14	15.43
General Service < 50 kW	28.32%	71.68%	100.00%	21.09	21.55	17.78
General Service > 50 to 4999 kW	20.73%	79.27%	100.00%	160.96	164.49	44.15
Unmetered Scattered Load	65.24%	34.76%	100.00%	6.90	8.05	6.14
Street Lighting	91.21%	8.79%	100.00%	5.25	3.72	6.83
Sentinel Lighting	56.00%	44.00%	100.00%	3.84	3.71	8.29
<b>Total</b>	<b>48.36%</b>	<b>51.64%</b>	<b>100.00%</b>			

Settlement Table #13 below reflects the base distribution revenue by class.

**Settlement Table #13: 2013 Base Revenue Distribution Rates**

Customer Class	Total Net Revenue Requirement	Rev Requirement %	Proposed Fixed Rate	Proposed Variable Rate
Residential	14,092,010.64	63.32%	15.79	0.0121
General Service < 50 kW	3,042,934.97	13.67%	21.09	0.0182
General Service > 50 to 4999 kW	4,306,222.10	19.35%	160.96	4.1821
Unmetered Scattered Load	35,876.55	0.16%	6.90	0.0105
Street Lighting	736,974.01	3.31%	5.25	2.5766
Sentinel Lighting	40,087.07	0.18%	3.84	12.3008
<b>Total</b>	<b>22,254,105.33</b>	<b>100.00%</b>		

7.2 Are the proposed retail transmission service rates (“RTSR”) appropriate?

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**Status:** **Complete Settlement**

**Supporting Parties:** Greater Sudbury, Energy Probe, SEC, VECC, AMPCO

**Evidence:** Application: Ex8/3/1  
 IRR: 8-Staff-34

For the purposes of settlement, the Parties agree the following Retail Transmission Service Rates (“RTSRs”), based on the updated Uniform Transmission Rates issued by the Board on December 20, 2012 in EB-2012-0031, are appropriate, and are as set out in Settlement Table #14: RTSR Network and RTSR Connection Rates, below.

**Settlement Table #14: RTSR Network and RTSR Connection Rates**

Rate Class	Unit	Proposed RTSR Network		Proposed RTSR Connection	
Residential	kWh	\$	0.0059	\$	0.0036
General Service Less Than 50 kW	kWh	\$	0.0043	\$	0.0026
General Service 50 to 4,999 kW	kW	\$	3.2788	\$	1.9738
Unmetered Scattered Load	kWh	\$	0.0043	\$	0.0026
Sentinel Lighting	kW	\$	1.7621	\$	1.0606
Street Lighting	kW	\$	1.6645	\$	1.0018



7.3 Are the proposed loss factors appropriate?

**Status:** Complete Settlement

Supporting Parties: Greater Sudbury, Energy Probe, SEC, VECC, AMPCO

Evidence: Application: Ex8/3/6

For the purposes of settlement, the Parties accept the proposed Distribution Loss Factor of 1.054.

When the Supply Facility Loss Factor of 1.00438 is applied to the Distribution Loss Factor the resulting Total Loss Factor for secondary metered customers is 1.054 as shown in Settlement Table #15: Loss Factors, below:

**Settlement Table #15: Loss Factors**

		Historical Years					5-Year Average
		2007	2008	2009	2010	2011	
<b>Losses Within Distributor's System</b>							
A(1)	"Wholesale" kWh delivered to distributor (higher value)	1,001,862,965	1,006,112,851	1,004,442,976	966,894,707	967,341,538	989,331,007
A(2)	"Wholesale" kWh delivered to distributor (lower value)	1,006,978,301	1,012,883,013	1,008,534,281	975,012,466	979,395,602	996,560,733
B	Portion of "Wholesale" kWh delivered to distributor for its Large Use Customer(s)	-	-	-	-	-	-
C	Net "Wholesale" kWh delivered to distributor = A(2) - B	1,006,978,301	1,012,883,013	1,008,534,281	975,012,466	979,395,602	996,560,733
D	"Retail" kWh delivered by distributor	958,611,633	966,826,979	957,200,159	930,392,979	935,254,772	949,657,304
E	Portion of "Retail" kWh delivered by distributor to its Large Use Customer(s)	-	-	-	-	-	-
F	Net "Retail" kWh delivered by distributor = D - E	958,611,633	966,826,979	957,200,159	930,392,979	935,254,772	949,657,304
G	Loss Factor in Distributor's system = C / F	1.050454914	1.047636274	1.053629454	1.047957678	1.047196584	1.049389846
<b>Losses Upstream of Distributor's System</b>							
H	Supply Facilities Loss Factor	1.00438399	1.00437922	1.00438112	1.00437749	1.00438017	1.004380397
I	<b>Total Losses</b>						
	Total Loss Factor = G x H	1.0551	1.0522	1.0582	1.0525	1.0518	1.0540

## 8. DEFERRAL AND VARIANCE ACCOUNTS

8.1 Are the account balances, cost allocation methodology and disposition period appropriate?

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<b>Status:</b>	<b>Complete Settlement</b>
Supporting Parties:	Greater Sudbury, Energy Probe, SEC, VECC, AMPCO
Evidence:	Application: Ex9/1 IRR: 1-Staff-2 9-Staff-44 9-Energy Probe-32 9-VECC-45

For the purposes of settlement, the Parties accept the account balances, cost allocation methodology and disposition period for the deferral and variance accounts as presented in the evidence cited above and adjusted for the matters set out below, are appropriate.

- The Parties agree for the purposes of settlement, that Greater Sudbury has appropriately calculated the Stranded Meter Net Book Value as \$1,193,861. The parties have further agreed to recovery of the Stranded Meter Net Book Value through separate Rate Riders in the amount of \$0.41 per metered Residential customer, per month and \$1.81 per General Service < 50 kW customer, per month over a four year period, as discussed in Section 8.3 below.
- The Parties agree for the purposes of settlement, that Greater Sudbury has appropriately calculated the Smart Meter Disposition Rider value of \$415,994. The parties have further agreed to recovery of the Smart Meter Disposition Rider Value through separate Rate Riders in the amount of \$0.29 per metered Residential customer, per month and \$5.54 per General Service < 50 kW customer, per month over a one year period.
- The Parties agree for the purposes of settlement, the balances of the deferral and variance accounts for disposal will include the interest accrued until April 30, 2013.

- The Parties agree that, as Greater Sudbury is not converting to IFRS for 2013, there is no disposition of account 1575. Greater Sudbury will continue to accrue costs in this deferral account and will request disposition in some future application, upon conversion to IFRS.
- The Parties agree to the disposition of all other Group 1 and Group 2 accounts “on a final basis” as proposed in Greater Sudbury’s original Application. With the exception of the LRAM/LRAMVA disposition, for which the original amount was \$93,917 and the revised amount, in two separate rate riders is \$182,118 as per 2-Staff-45 and 2-Staff-46.

Settlement Table #16: Group 1 & Group 2 Deferral and Variance Accounts, below summarizes the Parties’ agreement with respect to the disposal of the balances of the accounts:

**Settlement Table #16: Group 1 & Group 2 Deferral and Variance Accounts**

Account Description	Account Number	Principal Balance as of Dec, 31, 2011	Interest Amounts as at Dec 31, 2011	Dec 31, 2011 Total	Projected Interest from Jan 1, 2012 to April 30, 2013	Total Claim
<b>Group 1 Accounts</b>						
LV Variance Account	1550	15,297	143	15,440	300	15,740
RSVA Wholesale Service Charge	1580	(2,811,744)	(49,256)	(2,861,000)	(55,111)	(2,916,111)
RSVA Retail Transmisison Network Charge	1584	452,313	10,473	462,786	8,865	471,651
RSVA Retail Transmission Connection Charge	1586	60,505	(1,169)	59,336	1,185	60,521
RSVA Power - Excluding Global Adjustment	1588	(233,022)	54,005	(179,017)	(4,567)	(183,584)
Regulatory Balances	1590	(107,743)	(1,882)	(109,625)	(2,112)	(111,737)
Regulatory Balances (2009)	1595	(296,388)	250,318	(46,070)	(5,809)	(51,879)
<b>Total Group 1 Excluding Global Adjustment</b>		<b>(2,920,782)</b>	<b>262,632</b>	<b>(2,658,150)</b>	<b>(57,249)</b>	<b>(2,715,399)</b>
RSVA Global Adjustment	1588	1,418,514	(27,789)	1,390,725	27,803	1,418,528
<b>Total Group 1 Including Global Adjustment</b>		<b>(1,502,268)</b>	<b>234,843</b>	<b>(1,267,425)</b>	<b>(29,446)</b>	<b>(1,296,871)</b>

Account Description	Account Number	Principal Balance as of Dec, 31, 2011	Interest Amounts as at Dec 31, 2012	December 31, 2012 total	Projected Interest from Jan 1, 2013 to April 30, 2013	Total Claim
<b>Group 2 Accounts</b>						
Incremental Capital Charges	1508	3,858	457	4,315	76	4,391
Renewable Generation Connection Capital	1531	10,852	-	10,852	213	11,065
Renewable Generation Connection OM&A	1532	19,690	-	19,690	385	20,075
Smart Grid OM&A Deferral Account	1535	46,726	903	47,629	916	48,545
Deferred Rate Impact Amounts	1574	(1,351,110)	328	(1,350,782)	(26,481)	(1,377,263)
<b>Total Group 2</b>		<b>(1,269,984)</b>	<b>1,688</b>	<b>(1,268,296)</b>	<b>(24,891)</b>	<b>(1,293,187)</b>
PILs and Tax Variance for Years 2006 and Subsequent years	1592	(119,542)	(7,087)	(126,629)	(2,343)	(128,972)
PILs and Tax Variance for Years 2006 and Subsequent years HST Input Tax Credits	1592	(162,307)	(1,001)	(163,308)	(2,850)	(166,158)
<b>Total PILs Accounts</b>		<b>(281,849)</b>	<b>(8,088)</b>	<b>(289,937)</b>	<b>(5,193)</b>	<b>(295,130)</b>
LRAM/LRAMVA	1568	158,164	3,579	161,743	775	162,518
<b>Total Group 1, 2, PILS and LRAM (Excluding Global Adjustment)</b>		<b>(4,314,451)</b>	<b>259,811</b>	<b>(4,054,640)</b>	<b>(86,558)</b>	<b>(4,141,198)</b>
RSVA Global Adjustment	1588	1,418,514	(27,789)	1,390,725	27,803	1,418,528
<b>Total Group 1, 2, PILs and LRAM (Including Global Adjustment)</b>		<b>(2,895,937)</b>	<b>232,022</b>	<b>(2,663,915)</b>	<b>(58,755)</b>	<b>(2,722,670)</b>

8.2 Are the proposed rate riders to dispose of the account balances appropriate?

**Status:** **Complete Settlement**

**Supporting Parties:** Greater Sudbury, Energy Probe, SEC, VECC, AMPCO

**Evidence:** Application: Ex9/1/5/2  
 IRR: 9-Staff-43

For the purposes of settlement, the Parties accept the proposed rate riders to dispose of those account balances that are the subject of disposition at this time on a final basis. The Parties agree to a disposition period of 48 months. The 48 month recovery on DVA balances will allow Greater Sudbury to maintain an appropriate cash flow position through recovery of outstanding amounts from its customers.

All Parties agree that the disposition period of 48 months will be the period of May 1, 2013 to April 30, 2017 or 48 months from the effective date of rate implementation. Settlement Table #17: Deferral and Variance Account Disposition Balances below reflects the balances of the accounts being disposed.

**Settlement Table #17: Deferral and Variance Account Disposition Balances**

		Amounts from Sheet 2	Allocator	Residential Service	General Service Less than 50kW	General Service 50 to 4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Streetlighting
LV Variance Account	1550	15,740	kWh	6,692	2,410	6,445	39	8	146
RSVA - Wholesale Market Service Charge	1580	(2,916,111)	kWh	(1,239,851)	(446,552)	(1,194,086)	(7,204)	(1,456)	(26,962)
RSVA - Retail Transmission Network Charge	1584	471,651	kWh	200,533	72,225	193,131	1,165	236	4,361
RSVA - Retail Transmission Connection Charge	1586	60,522	kWh	25,732	9,268	24,783	150	30	560
RSVA - Power (excluding Global Adjustment)	1588	(183,584)	kWh	(78,055)	(28,113)	(75,174)	(454)	(92)	(1,697)
RSVA - Power - Sub-account - Global Adjustment	1588	1,418,528	Non-RPP kWh	166,292	68,636	1,152,711	8	41	30,839
Recovery of Regulatory Asset Balances	1590	(111,737)	kWh	(47,507)	(17,111)	(45,754)	(276)	(56)	(1,033)
Disposition and Recovery/Refund of Regulatory Balances (2008)	1595	0	kWh	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2009)	1595	(51,879)	kWh	(22,057)	(7,944)	(21,243)	(128)	(26)	(480)
Disposition and Recovery/Refund of Regulatory Balances (2010)	1595	0	kWh	0	0	0	0	0	0
<b>Total of Group 1 Accounts (excluding 1588 sub-account)</b>		<b>(2,715,397)</b>		<b>(1,154,513)</b>	<b>(415,816)</b>	<b>(1,111,898)</b>	<b>(6,708)</b>	<b>(1,356)</b>	<b>(25,106)</b>
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	4,391		3,251	303	41	27	34	736
Renewable Generation Connection Capital Deferral Account	1531	11,065		8,192	763	103	68	84	1,854
Renewable Generation Connection OM&A Deferral Account	1532	20,076		14,864	1,385	186	124	153	3,363
Smart Grid OM&A Deferral Account	1535	48,545		35,943	3,350	450	299	371	8,132
Deferred Rate Impact Amounts	1574	(1,377,264)		(1,019,743)	(95,030)	(12,759)	(8,490)	(10,516)	(230,726)
<b>Total of Group 2 Accounts</b>		<b>(1,293,188)</b>		<b>(957,492)</b>	<b>(89,229)</b>	<b>(11,980)</b>	<b>(7,972)</b>	<b>(9,874)</b>	<b>(216,641)</b>
PLs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account)	1592	(128,971)		(95,492)	(8,899)	(1,195)	(795)	(985)	(21,606)
PLs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592	(166,159)		(123,026)	(11,465)	(1,539)	(1,024)	(1,269)	(27,836)
<b>Total of Account 1562 and Account 1592</b>		<b>(295,130)</b>		<b>(218,518)</b>	<b>(20,364)</b>	<b>(2,734)</b>	<b>(1,819)</b>	<b>(2,253)</b>	<b>(49,442)</b>
LRAM Variance Account (Enter dollar amount for each class)	1568	162,518		36,707	112,596	13,214			
<b>Total Balance Allocated to each class (excluding 1588 sub-account)</b>		<b>(4,141,198)</b>		<b>(2,293,815)</b>	<b>(412,813)</b>	<b>(1,113,398)</b>	<b>(16,499)</b>	<b>(13,484)</b>	<b>(291,189)</b>
<b>Total Balance in Account 1588 - sub account</b>		<b>1,418,528</b>		<b>166,292</b>	<b>68,636</b>	<b>1,152,711</b>	<b>8</b>	<b>41</b>	<b>30,839</b>
<b>Total Balance Allocated to each class (including 1588 sub-account)</b>		<b>(2,722,670)</b>		<b>(2,127,523)</b>	<b>(344,177)</b>	<b>39,313</b>	<b>(16,491)</b>	<b>(13,443)</b>	<b>(260,350)</b>

Settlement Table #18: Deferral and Variance Account Disposition Rate Riders below reflects the rate riders for disposition over a period of 48 months.

### Settlement Table #18: Deferral and Variance Account Disposition Rate Riders

#### 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 Service	kWh	397,644,877	-\$ 2,293,815	- 0.0014	\$/kWh
General Service Less than 50kW	kWh	143,218,155	-\$ 412,813	- 0.0007	\$/kWh
General Service 50 to 4,999 kW	kW	957,195	-\$ 1,113,398	- 0.2908	\$/kW
Unmetered Scattered Load	kWh	2,310,407	-\$ 16,499	- 0.0018	\$/kWh
Sentinel Lighting	kWh	467,079	-\$ 13,484	- 0.0072	\$/kWh
Streetlighting	kW	24,155	-\$ 291,189	- 3.0138	\$/kW
<b>Total</b>			<b>-\$ 4,141,198</b>		

#### 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-	Rate Rider for RSVA - Power -	
Residential Service	kWh	46,628,269	\$ 166,292	0.0009	\$/kWh
General Service Less than 50kW	kWh	19,245,621	\$ 68,636	0.0009	\$/kWh
General Service 50 to 4,999 kW	kW	807,862	\$ 1,152,711	0.3567	\$/kW
Unmetered Scattered Load	kWh	2,277	\$ 8	0.0009	\$/kWh
Sentinel Lighting	kWh	11,495	\$ 41	0.0009	\$/kWh
Streetlighting	kW	24,155	\$ 30,839	0.3192	\$/kW
<b>Total</b>			<b>\$ 1,418,528</b>		

8.3 Is the proposal related to stranded meters appropriate?

**Status:** Complete Settlement

**Supporting Parties:** Greater Sudbury, Energy Probe, SEC, VECC, AMPCO

**Evidence:** Application: Ex9/1/3  
 IRR: 9-Energy Probe-32

For the purposes of settlement, the Parties accept the stranded meter net book value of \$1,193,861 as presented in Settlement Table #19: Stranded Meter Customer Class Rate Rider, below. The Parties accept the proposal for recovery of the amount through a rate rider of \$0.41 per metered Residential

customer per month, and a rate rider of \$1.81 metered General Service < 50 kW customer per month. Greater Sudbury will recover costs over a four year period, commencing May 1, 2013 or the effective date of rate implementation.

**Settlement Table #19: Stranded Meter Customer Class Rate Rider**

**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					\$ -		\$ -
2007					\$ -		\$ -
2008					\$ -		\$ -
2009					\$ -		\$ -
2010					\$ -		\$ -
2011					\$ -		\$ -
2012	(1)	\$ 7,076,701	\$ 5,868,347	\$ -	\$ 1,208,354	\$ 14,493	\$ 1,193,861

## 9. GREEN ENERGY ACT PLAN

9.1 Is Greater Sudbury's Green Energy Act Plan, including the Smart Grid component of the plan appropriate?

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<b>Status:</b>	<b>Complete Settlement</b>
Supporting Parties:	Greater Sudbury, Energy Probe, SEC, VECC, AMPCO
Evidence:	Application: Ex2/4/5 IRR: 2-Energy Probe-9 2-Staff-7 2-Staff-8 2-Staff-9 2-Staff-10 2-Staff-11 2-Staff-12 2-VECC-12 2-Staff-49s 2-Staff-50s 2-VECC-50s

For the purposes of settlement, the Parties agree that Greater Sudbury's Green Energy Act Plan, as amended below, is appropriate.

- The Green Energy Act Plan will only include planned expenditures to a maximum of \$500,000, for a Demonstration Project, relating to the mitigation of sustained localized high voltages caused by renewable connections.
- While the Green Energy Act Plan contemplates the use of Community Energy Storage (CES), as the technology to be used to mitigate sustained localized high voltages caused by renewable connections, Greater Sudbury may use other technologies that may become available.
- Greater Sudbury will make available the results of its Demonstration Project to the Board as required by the Board's *Filing Requirements: Distribution System Plans - Filing under Deemed Conditions of Licence*.



The 2013 Cost of Service Rate Application does not include any rate riders, capital expenditures, or OM&A costs relating to the Green Energy Act. Greater Sudbury will use the appropriate deferral accounts and will seek recovery through a prudence review of costs at a future date.



Appendix A - Summary of Significant Changes (Continued)

Item	Regulated Return on Capital	Regulated Rate of Return	Rate Base	Working Capital	Working Capital %	Working Capital Allowance	Amortization	PILs	OM&A	Service Revenue Requirement	Revenue Offsets	Base Revenue Requirement	Gross Revenue Def/(Suf)	Reference
<b>Original Application</b>	5,461,647	6.20%	88,079,710	110,479,500	13.0%	14,362,335	3,876,864	201,660	15,564,617	25,104,788	1,550,028	23,554,760	844,288	
Include Smart Meters in Opening 2013	141,880	-	2,288,105	-	-	-	-	-	-	141,881	-	141,881	165,003	2-VECC-48, 1-EP-33s, 2-SEC-25s
Update to 2012/2013 Capital Additions & Useful life for Account 1835	- 33,944	-	546,884	-	-	-	114,715	-	-	80,759	-	80,769	75,237	2-EP-6, 4-Staff-54s
Add Microfit Revenues, gain on vehicle and sale of scrap & STR's	-	-	-	-	-	-	-	-	-	-	113,747	- 113,747	- 113,747	3-Staff-23, 3-EP-15, 3-EP-40s
Update Cost of Power (change to commodity and RTSR'S)	3,968	-	63,448	492,215	-	63,988	-	-	-	3,978	-	3,968	4,614	2-EP-10, 2-EP-38s
Change to Cost of Capital Parameters	- 186,600	-0.21%	-	-	-	-	-	-	-	- 186,600	-	- 186,600	- 200,543	5-Staff-55s
Resulting Change - Gross PILS (has \$14,147 of income tax credits included)	-	-	-	-	-	-	-	215,410	-	215,410	-	215,410	211,116	4-EP-24, 2-EP-6, 4-EP-43s
<b>Total Post-Interrogatories</b>	<b>5,386,951</b>	<b>5.99%</b>	<b>89,884,379</b>	<b>110,971,715</b>	<b>13.0%</b>	<b>14,426,323</b>	<b>3,991,579</b>	<b>417,070</b>	<b>15,564,617</b>	<b>25,360,216</b>	<b>1,663,775</b>	<b>23,696,441</b>	<b>985,968</b>	<b>**</b>
Increase Sale of Scrap	-	0.0%	-	-	-	-	-	-	-	-	33,000	- 33,000	- 33,000	Settlement Conference
Decrease to 2013 Capital Additions	- 41,456	-	691,702	-	-	-	30,762	-	-	72,217	-	72,217	- 80,049	Settlement Conference
Decrease to 2013 OM&A	- 10,712	0.0%	178,750	1,375,000	-	178,750	-	-	1,375,000	1,385,713	-	1,385,713	- 1,387,737	Settlement Conference
Increase Load Forecast	3,654	0.0%	60,966	468,975	-	60,967	-	-	-	3,654	-	3,654	- 27,354	Settlement Conference
Change to WMSR & RRRP	- 5,424	0.0%	90,494	696,108	-	90,494	-	-	-	5,424	-	5,424	- 6,448	Board Directive EB-2013-0067
Resulting Change to PILS	-	0.0%	-	-	-	-	-	50,361	-	50,363	-	50,363	60,553	Settlement Conference
<b>Total Settlement Agreement</b>	<b>5,333,013</b>	<b>5.99%</b>	<b>88,984,399</b>	<b>109,369,582</b>	<b>13.00%</b>	<b>14,218,046</b>	<b>3,960,817</b>	<b>467,431</b>	<b>14,189,617</b>	<b>23,950,879</b>	<b>1,696,775</b>	<b>22,254,104</b>	<b>- 488,067</b>	

\*\*Please note - this figure is slightly different than the RRWF filed with the supplementary interrogatories. The tax credits of \$14,147 were not input in the data input sheet in error. This is the corrected figure.

**Appendix B  
Continuity Schedule  
CGAAP**

Year 2013

CCA Class	OEB	Description	Cost					Accumulated Depreciation					Net Book Value			
			Opening Balance	Smart Meter & Stranded Meters	Revised 2013 Opening Balance	Additions	Disposals	Closing Balance	Opening Balance	Smart Meter & Stranded Meters	Revised 2013 Opening Balance	Additions		Disposals	Closing Balance	
12	1611	Computer Software (Formally known as Account 1925)	\$ 2,651,923	\$ 275,347	\$ 2,927,270	\$ 308,450			\$ 3,235,720	\$ (2,124,829)	\$ (81,979)	\$ (2,206,808)	\$ (310,122)		\$ (2,516,930)	\$ 718,790
CEC	1612	Land Rights (Formally known as Account 1906)	\$ -	\$ -	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
N/A	1805	Land	\$ 858,551	\$ -	\$ 858,551	\$ 10,699			\$ 869,251	\$ -	\$ -	\$ -	\$ -		\$ -	\$ 869,251
47	1808	Buildings	\$ 9,230,593	\$ -	\$ 9,230,593	\$ -			\$ 9,230,593	\$ (4,464,729)	\$ (4,464,729)	\$ (235,990)	\$ -		\$ (4,700,719)	\$ 4,529,873
47	1808	Buildings Improvements	\$ 898,765	\$ -	\$ 898,765	\$ 1,036,536			\$ 1,935,301	\$ (159,931)	\$ (159,931)	\$ (88,555)	\$ -		\$ (248,487)	\$ 1,686,814
47	1815	Transformer Station Equipment >50 kV	\$ -	\$ -	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
47	1820	Distribution Station Equipment <50 kV	\$ 17,547,706	\$ -	\$ 17,547,706	\$ 2,812,997			\$ 20,360,703	\$ (11,226,788)	\$ (11,226,788)	\$ (521,864)	\$ -		\$ (11,748,651)	\$ 8,612,051
47	1825	Storage Battery Equipment	\$ -	\$ -	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
47	1830	Poles, Towers & Fixtures	\$ 19,257,980	\$ -	\$ 19,257,980	\$ 1,537,423			\$ 20,795,402	\$ (9,065,972)	\$ (9,065,972)	\$ (376,822)	\$ -		\$ (9,442,795)	\$ 11,352,608
47	1835	Overhead Conductors & Devices	\$ 42,025,728	\$ -	\$ 42,025,728	\$ 1,532,556			\$ 43,558,284	\$ (28,313,636)	\$ (28,313,636)	\$ (663,373)	\$ -		\$ (28,977,009)	\$ 14,581,274
47	1840	Underground Conduit	\$ 20,852,720	\$ -	\$ 20,852,720	\$ 420,639			\$ 21,273,359	\$ (12,176,289)	\$ (12,176,289)	\$ (245,532)	\$ -		\$ (12,421,821)	\$ 8,851,538
47	1845	Underground Conductors & Devices	\$ 21,270,552	\$ -	\$ 21,270,552	\$ 497,562			\$ 21,768,113	\$ (11,662,374)	\$ (11,662,374)	\$ (425,925)	\$ -		\$ (12,088,299)	\$ 9,679,814
47	1850	Line Transformers	\$ 29,393,620	\$ -	\$ 29,393,620	\$ 1,296,641			\$ 30,690,261	\$ (17,956,844)	\$ (17,956,844)	\$ (484,623)	\$ -		\$ (18,441,467)	\$ 12,248,794
47	1855	Services (Overhead & Underground)	\$ 12,342,930	\$ -	\$ 12,342,930	\$ 907,301			\$ 13,250,231	\$ (6,500,462)	\$ (6,500,462)	\$ (219,025)	\$ -		\$ (6,719,487)	\$ 6,530,744
47	1860	Meters	\$ 8,936,259	\$ (7,076,701)	\$ 1,859,558	\$ -			\$ 1,859,558	\$ (6,817,822)	\$ 5,868,347	\$ (949,475)	\$ (44,090)		\$ (993,565)	\$ 865,993
47	1860	Meters (Smart Meters)	\$ -	\$ 6,523,624	\$ 6,523,624	\$ 132,791			\$ 6,656,415	\$ -	\$ (1,047,818)	\$ (1,047,818)	\$ (439,335)		\$ (1,487,153)	\$ 5,169,262
N/A	1905	Land	\$ -	\$ -	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
47	1908	Buildings & Fixtures	\$ -	\$ -	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
13	1910	Leasehold Improvements	\$ -	\$ -	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
8	1915	Office Furniture & Equipment (10 years)	\$ 44,315	\$ -	\$ 44,315	\$ -			\$ 44,315	\$ (41,714)	\$ (41,714)	\$ (939)	\$ -		\$ (42,652)	\$ 1,662
8	1915	Office Furniture & Equipment (5 years)	\$ -	\$ -	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
50	1920	Computer Equipment - Hardware	\$ 162,988	\$ 204,815	\$ 367,803	\$ 364,328			\$ 732,131	\$ (47,096)	\$ (101,801)	\$ (148,897)	\$ (109,993)		\$ (258,891)	\$ 473,240
45	1920	Computer Equip.-Hardware(Post Mar. 22/04)	\$ -	\$ -	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
45.1	1920	Computer Equip.-Hardware(Post Mar. 19/07)	\$ -	\$ -	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
10	1930	Transportation Equipment	\$ 5,258,638	\$ -	\$ 5,258,638	\$ 498,399	\$ (471,970)		\$ 5,285,067	\$ (3,864,505)	\$ (3,864,505)	\$ (194,213)	\$ 471,970		\$ (3,586,748)	\$ 1,698,319
8	1935	Stores Equipment	\$ -	\$ -	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
8	1940	Tools, Shop & Garage Equipment	\$ 1,961,496	\$ -	\$ 1,961,496	\$ 160,000			\$ 2,121,496	\$ (1,467,291)	\$ (1,467,291)	\$ (91,073)	\$ -		\$ (1,558,363)	\$ 563,133
8	1945	Measurement & Testing Equipment	\$ -	\$ -	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
8	1950	Power Operated Equipment	\$ -	\$ -	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
8	1955	Communications Equipment	\$ 2,262,459	\$ -	\$ 2,262,459	\$ 60,000			\$ 2,322,459	\$ (1,307,813)	\$ (1,307,813)	\$ (83,041)	\$ -		\$ (1,390,854)	\$ 931,605
8	1955	Communication Equipment (Smart Meters)	\$ -	\$ -	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
8	1960	Miscellaneous Equipment	\$ -	\$ 16,502	\$ 16,502	\$ -			\$ 16,502	\$ -	\$ (4,125)	\$ (4,125)	\$ (1,650)		\$ (5,775)	\$ 10,727
47	1975	Load Management Controls Utility Premises	\$ -	\$ -	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
47	1980	System Supervisory Equipment	\$ 1,573,529	\$ -	\$ 1,573,529	\$ 380,073			\$ 1,953,602	\$ (1,274,630)	\$ (1,274,630)	\$ (30,742)	\$ -		\$ (1,305,371)	\$ 648,231
47	1985	Miscellaneous Fixed Assets	\$ 42,117	\$ -	\$ 42,117	\$ -			\$ 42,117	\$ (42,117)	\$ (42,117)	\$ -	\$ -		\$ (42,117)	\$ -
47	1995	Contributions & Grants	\$ (15,309,085)	\$ -	\$ (15,309,085)	\$ (703,790)			\$ (16,012,875)	\$ 4,003,411	\$ 4,003,411	\$ 294,856	\$ -		\$ 4,298,267	\$ (11,714,608)
	1330	WIP - Capital Inventory	\$ 1,127,820	\$ -	\$ 1,127,820	\$ -			\$ 1,127,820	\$ -	\$ -	\$ -	\$ -		\$ -	\$ 1,127,820
	2055	Work in Process	\$ 544,625	\$ -	\$ 544,625	\$ 308,138	\$ (544,625)		\$ 308,138	\$ -	\$ -	\$ -	\$ -		\$ -	\$ 308,138
			\$ -	\$ -	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
<b>Total prior to Board ordered removal of CIS related to water billing</b>			<b>\$ 182,936,226</b>	<b>\$ (56,413)</b>	<b>\$ 182,879,812</b>	<b>\$ 11,560,743</b>	<b>\$ (1,016,594)</b>		<b>\$ 193,423,961</b>	<b>\$ (114,511,432)</b>	<b>\$ 4,632,624</b>	<b>\$ (109,878,808)</b>	<b>\$ (4,272,050)</b>	<b>\$ 471,970</b>	<b>\$ (113,678,888)</b>	<b>\$ 79,745,073</b>
12	1611	Computer Software	\$ (129,739)	\$ -	\$ (129,739)	\$ -			\$ (129,739)	\$ 64,281	\$ 64,281	\$ 25,948	\$ -		\$ 90,229	\$ (39,510)
<b>Total subsequent to Board ordered removal of CIS related to water billing</b>			<b>\$ 182,806,487</b>	<b>\$ (56,413)</b>	<b>\$ 182,750,074</b>	<b>\$ 11,560,743</b>	<b>\$ (1,016,594)</b>		<b>\$ 193,294,222</b>	<b>\$ (114,447,151)</b>	<b>\$ 4,632,624</b>	<b>\$ (109,814,527)</b>	<b>\$ (4,246,102)</b>	<b>\$ 471,970</b>	<b>\$ (113,588,659)</b>	<b>\$ 79,705,563</b>

Net of WIP 1330 & 2055 \$ 181,077,629 \$ 11,252,605  
Average \$ 191,858,264  
Average \$ 186,467,946

Net of WIP 1330 & 2055 \$ 78,269,605  
Average \$ (111,701,593) \$ 74,766,353

Less: Fully Allocated Depreciation

Transportation \$ (194,213)  
Stores Equipment \$ (91,073)  
Net Depreciation \$ (3,960,817)

10		Transportation
8		Stores Equipment

## Appendix C - Cost of Power Calculation

Electricity (Commodity)	Customer Class Name	Revenue USA #	Expense USA #	2013		rate (\$/kWh): <b>\$0.07961</b>
				Volume	Amount	
kWh	Residential	4006	4705	423,829,635		33,742,489
kWh	General Service < 50 kW	4035	4705	150,602,870		11,989,996
kWh	General Service > 50 to 4999 kW	4035	4705	409,548,887		32,605,551
kWh	Unmetered Scattered Load	4035	4705	1,521,236		121,111
kWh	Street Lighting	4025	4705	8,449,496		672,693
kWh	Sentinel Lighting	4030	4705	487,426		38,806
	<b>TOTAL</b>			<b>994,439,549</b>		<b>79,170,644</b>
Transmission - Network		Revenue USA #	Expense USA #	2013		rate (\$/kWh)
Customer Class Name				Volume	Rate	
kWh	Residential	4066	4714	423,829,635	\$0.0059	2,500,595
kWh	General Service < 50 kW	4066	4714	150,602,870	\$0.0043	647,592
kW	General Service > 50 to 4999 kW	4066	4714	969,035	\$3.2788	3,177,272
kWh	Unmetered Scattered Load	4066	4714	1,521,236	\$0.0043	6,541
kW	Street Lighting	4066	4714	22,580	\$1.6645	37,584
kW	Sentinel Lighting	4066	4714	1,285	\$1.7621	2,264
	<b>TOTAL</b>			<b>576,946,641</b>		<b>6,371,849</b>
Transmission - Connection		Revenue USA #	Expense USA #	2013		rate (\$/kWh)
Customer Class Name				Volume	Rate	
kWh	Residential	4068	4716	423,829,635	\$0.0036	1,530,956
kWh	General Service < 50 kW	4068	4716	150,602,870	\$0.0026	396,978
kW	General Service > 50 to 4999 kW	4068	4716	969,035	\$1.9738	1,912,681
kWh	Unmetered Scattered Load	4068	4716	1,521,236	\$0.0026	4,010
kW	Street Lighting	4068	4716	22,580	\$1.0018	22,621
kW	Sentinel Lighting	4068	4716	1,285	\$1.0606	1,363
	<b>TOTAL</b>			<b>576,946,641</b>		<b>3,868,609</b>
Wholesale Market Service		Revenue USA #	Expense USA #	2013		rate (\$/kWh): <b>\$0.00440</b>
Customer Class Name				Volume	Rate	
kWh	Residential	4062	4708	423,829,635		1,864,850
kWh	General Service < 50 kW	4062	4708	150,602,870		662,653
kWh	General Service > 50 to 4999 kW	4062	4708	409,548,887		1,802,015
kWh	Unmetered Scattered Load	4062	4708	1,521,236		6,693
kWh	Street Lighting	4062	4708	8,449,496		37,178
kWh	Sentinel Lighting	4062	4708	487,426		2,145
	<b>TOTAL</b>			<b>994,439,549</b>		<b>4,375,534</b>
Rural Rate Protection		Revenue USA #	Expense USA #	2013		rate (\$/kWh): <b>\$0.00120</b>
Customer Class Name				Volume	Rate	
kWh	Residential	4062	4730	423,829,635		508,596
kWh	General Service < 50 kW	4062	4730	150,602,870		180,723
kWh	General Service > 50 to 4999 kW	4062	4730	409,548,887		491,459
kWh	Unmetered Scattered Load	4062	4730	1,521,236		1,825
kWh	Street Lighting	4062	4730	8,449,496		10,139
kWh	Sentinel Lighting	4062	4730	487,426		585
	<b>TOTAL</b>			<b>994,439,549</b>		<b>1,193,327</b>
Debt Retirement Charge		Revenue USA #	Expense USA #	2013		rate (\$/kWh): <b>\$0.00700</b>
Customer Class Name				Volume	Rate	
	<b>TOTAL</b>					
Low Voltage Charges		Revenue USA #	Expense USA #	2013		rate (\$/kWh)
Customer Class Name				Volume	Rate	
kWh	Residential	4075	4750	402,126,214	\$0.0002	78,764
kWh	General Service < 50 kW	4075	4750	142,890,815	\$0.0001	20,314
kW	General Service > 50 to 4999 kW	4075	4750	969,035	\$0.1027	99,484
kWh	Unmetered Scattered Load	4075	4750	1,443,337	\$0.0001	206
kW	Street Lighting	4075	4750	22,580	\$0.0515	1,162
kW	Sentinel Lighting	4075	4750	1,285	\$0.0545	70
	<b>TOTAL</b>			<b>547,453,266</b>		<b>200,000</b>
<b>GRAND TOTAL</b>						<b>95,179,964</b>

## Appendix D - 2013 Customer Load Forecast

### CUSTOMERS (CONNECTIONS)

Customer Class Name	2009 Approved	2009 Actual	2010 Actual	2011 Actual	2011 Normalized	2012 Normalized	2012 Estimated	2013 Normalized
Residential	41,742	41,926	42,068	42,279	42,174	42,342	42,342	42,512
General Service < 50 kW	4,023	3,911	4,118	3,940	4,029	4,045	4,045	4,061
General Service > 50 to 4999 kW	569	512	524	529	527	529	529	531
Unmetered Scattered Load	338	352	352	352	345	345	345	345
Street Lighting	9,647	9,513	9,513	9,566	9,540	9,559	9,559	9,578
Sentinel Lighting	432	436	436	436	436	436	436	436
<b>TOTAL</b>	<b>56,751</b>	<b>56,650</b>	<b>57,011</b>	<b>57,102</b>	<b>57,051</b>	<b>57,256</b>	<b>57,256</b>	<b>57,463</b>

### METERED KILOWATT-HOURS (kWh)

Customer Class Name	2009 Approved	2009 Actual	2010 Actual	2011 Actual	2011 Normalized	2012 Normalized	2012 Estimated	2013 Normalized
Residential	411,365,208	412,159,188	394,465,898	397,644,877	406,358,911	408,611,069	408,611,069	402,126,214
General Service < 50 kW	142,022,495	143,769,626	144,489,006	143,218,155	144,457,943	145,339,777	145,339,777	142,890,815
General Service > 50 to 4999 kW	411,264,889	389,924,100	382,334,753	383,349,587	392,651,146	393,082,594	393,082,594	388,576,753
Unmetered Scattered Load	2,223,118	2,252,111	2,285,597	2,310,407	1,645,761	1,536,748	1,536,748	1,443,337
Street Lighting	8,681,572	8,601,957	8,626,792	8,647,174	8,647,174	8,605,967	8,605,967	8,016,815
Sentinel Lighting	567,330	523,174	476,529	467,079	467,079	467,079	467,079	462,466
<b>TOTAL</b>	<b>976,124,612</b>	<b>957,230,156</b>	<b>932,678,575</b>	<b>935,637,279</b>	<b>954,228,014</b>	<b>957,643,234</b>	<b>957,643,234</b>	<b>943,516,400</b>

### KILOWATTS (kW)

Customer Class Name	2009 Approved	2009 Actual	2010 Actual	2011 Actual	2011 Normalized	2012 Normalized	2012 Estimated	2013 Normalized
Residential								
General Service < 50 kW								
General Service > 50 to 4999 kW	1,012,838	967,553	965,342	957,195	971,149	972,216	972,216	969,035
Unmetered Scattered Load								
Street Lighting	23,889	24,038	24,111	24,155	24,155	24,040	24,040	22,580
Sentinel Lighting	1,453	1,255	1,153	1,287	1,287	1,287	1,287	1,285
<b>TOTAL</b>	<b>1,038,180</b>	<b>992,846</b>	<b>990,606</b>	<b>982,637</b>	<b>996,591</b>	<b>997,543</b>	<b>997,543</b>	<b>992,900</b>

Customer Class Name	Loss Factor
Residential	1.0540
General Service < 50 kW	1.0540
General Service > 50 to 4999 kW	1.0540
Unmetered Scattered Load	1.0540
Street Lighting	1.0540
Sentinel Lighting	1.0540

### WHOLESALE kWh's <sup>1</sup>

2012 Normalized	2012 Estimated	2013 Normalized
430,664,488	430,664,488	423,829,635
153,184,006	153,184,006	150,602,870
414,297,915	414,297,915	409,548,887
1,619,689	1,619,689	1,521,236
9,070,445	9,070,445	8,449,496
492,288	492,288	487,426

<sup>1</sup> Metered kWh's multiplied by Loss Factor

**Appendix E**  
**2013 Other Revenue**

USoA #	USoA Description	Original	Supplementary		Settlement		Total
		Application	Interrogatories	Difference	Agreement	Difference	Change
		(A)	(B)	(B)-(A)	(C)	(C)-(B)	(C)-(A)
	<b>Reporting Basis</b>	<b>CGAAP</b>	<b>CGAAP</b>		<b>CGAAP</b>		
4235	Specific Service Charges <sup>1,2</sup>	\$ (843,150)	\$ (846,238)	\$ (3,088)	\$ (846,238)	\$ -	\$ (3,088)
4225	Late Payment Charges <sup>1</sup>	\$ (200,000)	\$ (200,000)	\$ -	\$ (200,000)	\$ -	\$ -
4080	Standard Supply Service - Administrative Charge	\$ (130,503)	\$ (130,503)	\$ -	\$ (130,503)	\$ -	\$ -
4082	Retail Services Revenues	\$ (39,520)	\$ (39,520)	\$ -	\$ (39,520)	\$ -	\$ -
4084	Service Transactions Requests	\$ (1,228)	\$ (1,228)	\$ -	\$ (1,228)	\$ -	\$ -
4210	Rent from Electric Property	\$ (90,627)	\$ (90,627)	\$ -	\$ (90,627)	\$ -	\$ -
4355	Gain on Disposition of Utility and Other Property <sup>1</sup>		\$ (43,658)	\$ (43,658)	\$ (43,658)	\$ -	\$ (43,658)
4390	Miscellaneous Non-Operating Income <sup>5</sup>		\$ (67,000)	\$ (67,000)	\$ (100,000)	\$ (33,000)	\$ (100,000)
4405	Interest and Dividend Income <sup>2</sup>	\$ (245,000)	\$ (245,000)	\$ (0)	\$ (245,000)	\$ -	\$ (0)
	<b>Specific Service Charges</b>	\$ (843,150)	\$ (846,238)	\$ (3,088)	\$ (846,238)	\$ -	\$ (3,088)
	<b>Late Payment Charges</b>	\$ (200,000)	\$ (200,000)	\$ -	\$ (200,000)	\$ -	\$ -
	<b>Other Operating Revenues</b>	\$ (261,878)	\$ (261,878)	\$ -	\$ (261,878)	\$ -	\$ -
	<b>Other Income or Deductions</b>	\$ (245,000)	\$ (355,659)	\$ (110,659)	\$ (388,659)	\$ (33,000)	\$ (143,659)
	<b>Total</b>	\$ (1,550,028)	\$ (1,663,775)	\$ (113,747)	\$ (1,696,775)	\$ (33,000)	\$ (146,747)

**Account 4080 - Distribution Services Revenues**

	Original	Supplementary		Settlement		Total
Reporting Basis	Application	Interrogatories	Difference	Agreement	Difference	Change
Residential	\$ (115,581)	\$ (115,581)	\$ -	\$ (115,581)	\$ -	\$ -
GS<50kW	\$ (12,183)	\$ (12,183)	\$ -	\$ (12,183)	\$ -	\$ -
GS 50kW to 4999kW	\$ (1,593)	\$ (1,593)	\$ -	\$ (1,593)	\$ -	\$ -
Unmetered Scattered Load	\$ (597)	\$ (597)	\$ -	\$ (597)	\$ -	\$ -
Sentinel Lighting	\$ (543)	\$ (543)	\$ -	\$ (543)	\$ -	\$ -
Street Lighting	\$ (6)	\$ (6)	\$ -	\$ (6)	\$ -	\$ -
<b>Total</b>	\$ (130,503)	\$ (130,503)	\$ -	\$ (130,503)	\$ -	\$ -

**Account 4082 - Retail Services Revenues**

	Original	Supplementary		Settlement		Total
Reporting Basis	Application	Interrogatories	Difference	Agreement	Difference	Change
Retailer Service Agreement -- standard charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retailer Service Agreement -- monthly fixed charge	\$ (4,000)	\$ (4,000)	\$ -	\$ (4,000)	\$ -	\$ -
Retailer Service Agreement -- monthly variable charge	\$ (22,200)	\$ (22,200)	\$ -	\$ (22,200)	\$ -	\$ -
Distributor-Consolidated Billing -- monthly charge	\$ (13,320)	\$ (13,320)	\$ -	\$ (13,320)	\$ -	\$ -
<b>Total</b>	\$ (39,520)	\$ (39,520)	\$ -	\$ (39,520)	\$ -	\$ -

**Account 4084 - Service Transaction Requests (STR) Revenues**

	Original	Supplementary		Settlement		Total
Reporting Basis	Application	Interrogatories	Difference	Agreement	Difference	Change
Service Transaction Request -- request fee	\$ (1,228)	\$ (1,228)	\$ -	\$ (1,228)	\$ -	\$ -
Service Transaction Request -- processing fee		\$ (800)	\$ (800)	\$ (800)	\$ -	\$ (800)
<b>Total</b>	\$ (1,228)	\$ (2,028)		\$ (2,028)		

**Account 4210 - Rent from Electric Property**

	Original	Supplementary		Settlement		Total
Reporting Basis	Application	Interrogatories	Difference	Agreement	Difference	Change
Commercial Rent charged to Affiliates	\$ (90,627)	\$ (90,627)	\$ -	\$ (90,627)	\$ -	\$ -
<b>Total</b>	\$ (90,627)	\$ (90,627)		\$ (90,627)		

**Account 4355 - Gain on Disposition of Utility and Other Property**

	Original	Supplementary		Settlement		Total
Reporting Basis	Application	Interrogatories	Difference	Agreement	Difference	Change
Gain on sale of vehicles		\$ (43,658)	\$ 43,658	\$ (43,658)	\$ -	\$ (43,658)
Sale of Materials/Service			\$ -		\$ -	\$ -
<b>Total</b>	\$ -	\$ (43,658)		\$ (43,658)		

**Account 4390 - Miscellaneous Non-Operating Income**

	Original	Supplementary		Settlement		Total
Reporting Basis	Application	Interrogatories	Difference	Agreement	Difference	Change
Sale of Scrap Material	\$ -	\$ (67,000)	\$ (67,000)	\$ (100,000)	\$ (33,000)	\$ (100,000)
<b>Total</b>	\$ -	\$ (67,000)		\$ (100,000)		

**Account 4405 - Interest and Dividend Income**

	Original	Supplementary		Settlement		Total
Reporting Basis	Application	Interrogatories	Difference	Agreement	Difference	Change
Recovery of Carrying Charges - Regulatory Assets						
Interest on Related Party Balances	\$ (160,000)	\$ (167,568)	\$ (7,568)	\$ (167,568)	\$ -	\$ (7,568)
Bank Deposit Interest	\$ (85,000)	\$ (77,432)	\$ 7,568	\$ (77,432)	\$ -	\$ 7,568
<b>Total</b>	\$ (245,000)	\$ (245,000)	\$ (0)	\$ (245,000)	\$ -	\$ (0)

## Appendix F - 2013 PILs

# Income Tax/PILs Workform for 2013 Filers



### PILs Tax Provision - Test Year

				<b>Wires Only</b>	
<b>Regulatory Taxable Income</b>				\$ 1,522,471	<b>A</b>
<b>Ontario Income Taxes</b>					
<i>Income tax payable</i>	<b>Ontario Income Tax</b>	11.50%	<b>B</b>	\$ 175,084	<b>C = A * B</b>
<i>Small business credit</i>	<b>Ontario Small Business Threshold</b>	\$ 500,000	<b>D</b>		
	<b>Rate reduction</b>	-7.00%	<b>E</b>	-\$ 35,000	<b>F = D * E</b>
<i>Ontario Income tax</i>				\$ 140,084	<b>J = C + F</b>
<b>Combined Tax Rate and PILs</b>		<b>Effective Ontario Tax Rate</b>		9.20%	<b>K = J / A</b>
		<b>Federal tax rate</b>		15.00%	<b>L</b>
		<b>Combined tax rate</b>		24.20%	<b>M = K + L</b>
<b>Total Income Taxes</b>				\$ 368,455	<b>N = A * M</b>
<i>Investment Tax Credits</i>					<b>O</b>
<i>Miscellaneous Tax Credits</i>				\$ 14,147	<b>P</b>
<b>Total Tax Credits</b>				\$ 14,147	<b>Q = O + P</b>
<b>Corporate PILs/Income Tax Provision for Test Year</b>				\$ 354,308	<b>R = N - Q</b>
<i>Corporate PILs/Income Tax Provision Gross Up <sup>1</sup></i>				75.80%	<b>S = 1 - M</b>
				\$ 113,124	<b>T = R / S - R</b>
<b>Income Tax (grossed-up)</b>				\$ 467,431	<b>U = R + T</b>

**Note:**

1. This is for the derivation of revenue requirement and should not be used for sufficiency/deficiency calculations.



## Appendix G – 2013 Cost of Capital

### Debt Instruments

Year 2013

Row	Description	Lender	Affiliated or Third-Party Debt?	Fixed or Variable-Rate?	Start Date	Term (years)	Principal (\$)	Rate (%) (Note 2)	Interest (\$) (Note 1)
1	Multiple draw term loan (SWAP)	Toronto-Dominion Bank	Third-Party	Variable Rate	18-Jan-11	15	\$ 1,764,379	4.69%	\$ 82,753.48
2	Promissory Note	Greater Sudbury Utilities	Affiliated	Fixed Rate	1-Nov-00	demand	\$ 48,645,458	4.12%	\$ 2,004,192.87
3	Term Loan	TD bank	Third-Party	Fixed Rate	1-Oct-13	15	\$ 1,000,000	3.99%	\$ 39,900.00
<b>Total</b>							<b>\$ 51,409,837</b>	<b>0.0414</b>	<b>\$ 2,126,846.35</b>

## Capital Structure and Cost of Capital

	<b>2013</b>			
	(%)	(\$)	(%)	(\$)
<b>Debt</b>				
Long-term Debt	56.00%	\$49,324,638	4.14%	\$2,040,560
Short-term Debt	4.00% (1)	\$3,523,188	2.07%	\$72,930
<b>Total Debt</b>	<b>60.0%</b>	<b>\$52,847,826</b>	<b>4.00%</b>	<b>\$2,113,490</b>
<b>Equity</b>				
Common Equity	40.00%	\$35,231,884	8.98%	\$3,163,823
Preferred Shares	0.00%	\$ -		\$ -
<b>Total Equity</b>	<b>40.0%</b>	<b>\$35,231,884</b>	<b>8.98%</b>	<b>\$3,163,823</b>
<b>Total</b>	<b>100.0%</b>	<b>\$88,079,710</b>	<b>5.99%</b>	<b>\$5,277,313</b>

### Notes

(1) 4.0% unless an applicant has proposed or been approved for a different amount.

## Appendix H - 2013 Revenue Sufficiency

Particulars	At Current Approved Rates	At Proposed Rates
Revenue Deficiency/(Sufficiency) from below		(\$488,067)
Distribution Revenue	\$22,742,171	\$22,742,173
Other Operating Revenue Offsets - net	\$1,696,775	\$1,696,775
Total Revenue	\$24,438,946	\$23,950,880
Operating Expenses	\$18,150,434	\$18,150,434
Deemed Interest Expense	\$2,136,693	\$2,136,693
Adjustment to Return on Rate Base associated with Deferred PP&E balance as a result of transition from CGAAP to MIFRS	\$ - (2)	\$ -
Total Cost and Expenses	\$20,287,128	\$20,287,128
Utility Income Before Income Taxes	\$4,151,818	\$3,663,752
Tax Adjustments to Accounting Income per 2013 PILs model	(\$1,673,848)	(\$1,673,848)
Taxable Income	\$2,477,970	\$1,989,904
Income Tax Rate	24.20%	24.20%
Income Tax on Taxable Income	\$599,696	\$481,579
Income Tax Credits	(\$14,147)	(\$14,147)
Utility Net Income	\$3,566,269	\$3,196,321
Utility Rate Base	\$88,984,399	\$88,984,399
Deemed Equity Portion of Rate Base	\$35,593,760	\$35,593,760
Income/(Equity Portion of Rate Base)	10.02%	8.98%
Target Return - Equity on Rate Base	8.98%	8.98%
Deficiency/Sufficiency in Return on Equity	1.04%	0.00%
Indicated Rate of Return	6.41%	5.99%
Requested Rate of Return on Rate Base	5.99%	5.99%
Deficiency/Sufficiency in Rate of Return	0.42%	0.00%
Target Return on Equity	\$3,196,320	\$3,196,320
Revenue Deficiency/(Sufficiency)	(\$369,950)	\$1
Gross Revenue Deficiency/(Sufficiency)	(\$488,067) (1)	

Notes:

(1) Revenue Deficiency/Sufficiency divided by (1 - Tax Rate)

(2) Treated as an adjustment pre-tax to avoid an impact on taxes/PILs and hence on revenue sufficiency deficiency

**Appendix I  
Proposed 2013 Schedules of  
Rates and Charges**

Page 1 of 9

**Greater Sudbury Hydro Inc.  
TARIFF OF RATES AND CHARGES  
Effective and Implementation Date May 1, 2013**

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

EB-2012-0126

## **RESIDENTIAL SERVICE CLASSIFICATION**

To qualify for residential rates an electrical service shall meet all of the following conditions:

- The electricity shall be intended for and used primarily for a residence in which one or more person(s) reside.
- The electrical service shall be individually metered, no bulk metering allowed.

Residential customers are defined as customers connected as detached, semi-detached or duplex dwelling units. It does not include Residential Rate Class customers in apartments, condominiums, row housing or any other abode that is not a detached, semi-detached or duplex dwelling unit. The definition does not include the installation of primary, transformation and secondary to the hand holes in a new subdivision. All items excluded from the residential rate class definition, as above, shall be treated as general service rate class customers.

Further servicing details are available in the distributor'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.

## **REGULAR and TIME OF USE**

### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	15.79
Smart Metering Entity Charge - Effective Until October 31, 2018	\$	0.7880
Distribution Volumetric Rate	\$/kWh	0.0121
Low Voltage Service Rate - Effective Until April 30, 2014	\$/kWh	0.0002
Rate Rider for Deferral/Variance Account Disposition - Effective Until April 30, 2017	\$/kWh	-0.0014
Rate Rider for Global Adjustment Sub Account (Applicable only to Non-RPP Customers) Effective Until April 30, 2017	\$/kWh	0.0009
Smart Meter Disposition Rider - Effective Until April 30, 2014	\$	0.2900
Stranded Meters Recovery - Effective Until April 30, 2017	\$	0.4100
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0036

### **MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Greater Sudbury Hydro Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2013

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

EB-2012-0126

## GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

To qualify for general service rates an electrical service shall meet all of the following conditions:

- The electrical service shall not qualify as a Residential Rate Class service.
- The electrical service shall have a peak demand less than 50 kilowatts for seven or more months in any twelve month period.
- New connections will be classified based on the rating, in amperes, of the main switch or sum of main switches.

The General Service Less Than 50 kW Rate Class includes those Residential Rate Class customers that are not in detached, semi-detached or duplex dwelling units. The General Service Rate Class also includes subdivision developments and all General Service Rate Class customers. Further servicing details are available in the distributor'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	\$	21.09
Smart Metering Entity Charge - Effective Until October 31, 2018	\$	0.7880
Distribution Volumetric Rate	\$/kWh	0.0182
Low Voltage Service Rate - Effective Until April 30, 2014	\$/kWh	0.0001
Rate Rider for Deferral/Variance Account Disposition - Effective Until April 30, 2017	\$/kWh	-0.0007
Rate Rider for Global Adjustment Sub Account (Applicable only to Non-RPP Customers) Effective Until April 30, 2017	\$/kWh	0.0009
Smart Meter Disposition Rider - Effective Until April 30, 2014	\$	5.5400
Stranded Meters Recovery - Effective Until April 30, 2017	\$	1.8100
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0043
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0026

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Greater Sudbury Hydro Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2013

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

EB-2012-0126

## **GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION**

To qualify for General Service 50 to 4,999 kW Rates, an electrical service shall meet all of the following conditions:

- The electrical service shall not qualify as a Residential Rate Class service.
- The electrical service shall not qualify for a General Service Less Than 50 kW Rate Class service.
- New customers will be classified based on the rating, in amperes, of the main switch or sum of main switches.

Further servicing details are available in the distributor'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	\$	160.96
Distribution Volumetric Rate	\$/kW	4.1821
Low Voltage Service Rate - Effective Until April 30, 2014	\$/kW	0.1020
Rate Rider for Deferral/Variance Account Disposition - Effective Until April 30, 2017	\$/kW	-0.2908
Rate Rider for Global Adjustment Sub Account (Applicable only to Non-RPP Customers) Effective Until April 30, 2017	\$/kW	0.3567
Retail Transmission Rate – Network Service Rate	\$/kW	3.2788
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.9738

### **MONTHLY RATES AND CHARGES – Regulatory Component**

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Greater Sudbury Hydro Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2013

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

EB-2012-0126

## 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 the distributor'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.

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### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	6.90
Distribution Volumetric Rate	\$/kWh	0.0105
Low Voltage Service Rate - Effective Until April 30, 2014	\$/kWh	0.0001
Rate Rider for Deferral/Variance Account Disposition - Effective Until April 30, 2017	\$/kWh	-0.0018
Rate Rider for Global Adjustment Sub Account (Applicable only to Non-RPP Customers) Effective Until April 30, 2017	\$/kWh	0.0009
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0043
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0026

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Greater Sudbury Hydro Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2013

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

EB-2012-0126

## 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 the distributor'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.

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### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	3.84
Distribution Volumetric Rate	\$/kW	12.3008
Low Voltage Service Rate - Effective Until April 30, 2014	\$/kW	0.0548
Rate Rider for Deferral/Variance Account Disposition - Effective Until April 30, 2017	\$/kW	-0.0072
Rate Rider for Global Adjustment Sub Account (Applicable only to Non-RPP Customers) Effective Until April 30, 2017	\$/kW	0.0009
Retail Transmission Rate – Network Service Rate	\$/kW	1.7621
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.0606

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Greater Sudbury Hydro Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2013

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EB-2012-0126

## 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 the distributor'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.

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### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	5.25
Distribution Volumetric Rate	\$/kW	2.5766
Low Voltage Service Rate - Effective Until April 30, 2014	\$/kW	0.0518
Rate Rider for Deferral/Variance Account Disposition - Effective Until April 30, 2017	\$/kW	-3.0138
Rate Rider for Global Adjustment Sub Account (Applicable only to Non-RPP Customers) Effective Until April 30, 2017	\$/kW	0.3192
Retail Transmission Rate – Network Service Rate	\$/kW	1.6645
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.0018

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0012
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25



**Greater Sudbury Hydro Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2013**

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EB-2012-0126

## **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 the distributor'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.

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### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	5.40
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# Greater Sudbury Hydro Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2013

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EB-2012-0126

## 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		
Arrears certificate	\$	15.00
Statement of account	\$	15.00
Returned cheque charge (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	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
Collection of account charge - no disconnection - after regular hours	\$	165.00
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
Disconnect/Reconnect at pole - after regular hours	\$	415.00
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35

# Greater Sudbury Hydro Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2013

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

EB-2012-0126

## 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.

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.

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	1.0540
Total Loss Factor – Secondary Metered Customer > 5,000 kW	N/A
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0434
Total Loss Factor – Primary Metered Customer > 5,000 kW	N/A

**Appendix J  
2013 Customer Impacts**

Customer Class: **Residential**

Consumption **500** kWh

Charge Unit	Current Board-Approved			Proposed			Impact		
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
Monthly Service Charge	Monthly	\$ 16.1400	1	\$ 16.14	\$ 15.7900	1	\$ 15.79	-\$ 0.35	-2.17%
Smart Metering Entity Charge	Monthly	\$ 0.7880	1	\$ 0.79	\$ 0.7880	1	\$ 0.79	\$ -	0.00%
Rate Rider for Late Payment Penalty Litigation Costs	Monthly	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	kWh	\$ 0.0124	500	\$ 6.20	\$ 0.0121	500	\$ 6.05	-\$ 0.15	-2.42%
Smart Meter Disposition Rider	Monthly	\$ -	1	\$ -	\$ 0.2900	1	\$ 0.29	\$ 0.29	
Rate Rider for Loss Revenue Adjustment Mechanism Recovery	kW	\$ 0.0002	500	\$ 0.10	\$ -	500	\$ -	-\$ 0.10	-100.00%
Rate Rider for Tax Change	kW	-\$ 0.0005	500	-\$ 0.25	\$ -	500	\$ -	\$ 0.25	-100.00%
Stranded Assets Disposition	Monthly	\$ -	1	\$ -	\$ 0.4100	1	\$ 0.41	\$ 0.41	
<b>Sub-Total A</b>				<b>\$ 22.98</b>			<b>\$ 23.33</b>	<b>\$ 0.35</b>	<b>1.52%</b>
Rate Rider for Deferral/Variance Account Disposition	kW	-\$ 0.0002	500	-\$ 0.10	-\$ 0.0014	500	-\$ 0.70	-\$ 0.60	600.00%
Low Voltage Service Charge	kWh	\$ 0.0002	500	\$ 0.10	\$ 0.0002	500	\$ 0.10	\$ -	0.00%
Smart Meter Entity Charge						500	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				<b>\$ 22.98</b>			<b>\$ 22.73</b>	<b>-\$ 0.25</b>	<b>-1.09%</b>
RTSR - Network	kWh	\$ 0.0059	526	\$ 3.11	\$ 0.0059	527	\$ 3.11	\$ 0.00	0.12%
RTSR - Line and Transformation Connection	kWh	\$ 0.0037	526	\$ 1.95	\$ 0.0036	527	\$ 1.90	-\$ 0.05	-2.58%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				<b>\$ 28.03</b>			<b>\$ 27.73</b>	<b>-\$ 0.30</b>	<b>-1.06%</b>
Wholesale Market Service Charge (WMSC)	kWh	\$ 0.0044	526	\$ 2.32	\$ 0.0044	527	\$ 2.32	\$ 0.00	0.12%
Rural and Remote Rate Protection (RRRP)	kWh	\$ 0.0012	526	\$ 0.63	\$ 0.0012	527	\$ 0.63	\$ 0.00	0.12%
Standard Supply Service Charge		\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	kWh	-\$ 0.0070	500	\$ 3.50	\$ 0.0070	500	\$ 3.50	\$ -	0.00%
Energy - RPP - Tier 1	kWh	\$ 0.0740	526	\$ 38.95	\$ 0.0740	527	\$ 39.00	\$ 0.05	0.12%
Energy - RPP - Tier 2	kWh	\$ 0.0870	0	\$ -	\$ 0.0870	0	\$ -	\$ -	
TOU - Off Peak	kWh	\$ 0.0630	337	\$ 21.22	\$ 0.0630	337	\$ 21.25	\$ 0.03	0.12%
TOU - Mid Peak	kWh	\$ 0.0990	95	\$ 9.38	\$ 0.0990	95	\$ 9.39	\$ 0.01	0.12%
TOU - On Peak	kWh	\$ 0.1180	95	\$ 11.18	\$ 0.1180	95	\$ 11.19	\$ 0.01	0.12%
<b>Total Bill on RPP (before Taxes)</b>				<b>\$ 73.68</b>			<b>\$ 73.43</b>	<b>-\$ 0.24</b>	<b>-0.33%</b>
HST		13%		\$ 9.58		13%	\$ 9.55	-\$ 0.03	-0.33%
<b>Total Bill (including HST)</b>				<b>\$ 83.26</b>			<b>\$ 82.98</b>	<b>-\$ 0.28</b>	<b>-0.33%</b>
<b>Ontario Clean Energy Benefit 1</b>				<b>-\$ 8.33</b>			<b>-\$ 8.30</b>	<b>\$ 0.03</b>	<b>-0.36%</b>
<b>Total Bill on RPP (including OCEB)</b>				<b>\$ 74.93</b>			<b>\$ 74.68</b>	<b>-\$ 0.25</b>	<b>-0.33%</b>
<b>Total Bill on TOU (before Taxes)</b>				<b>\$ 76.51</b>			<b>\$ 76.27</b>	<b>-\$ 0.24</b>	<b>-0.32%</b>
HST		13%		\$ 9.95		13%	\$ 9.91	-\$ 0.03	-0.32%
<b>Total Bill (including HST)</b>				<b>\$ 86.46</b>			<b>\$ 86.18</b>	<b>-\$ 0.27</b>	<b>-0.32%</b>
<b>Ontario Clean Energy Benefit 1</b>				<b>-\$ 8.65</b>			<b>-\$ 8.62</b>	<b>\$ 0.03</b>	<b>-0.35%</b>
<b>Total Bill on TOU (including OCEB)</b>				<b>\$ 77.81</b>			<b>\$ 77.56</b>	<b>-\$ 0.24</b>	<b>-0.31%</b>

Loss Factor (%)

5.27%

5.40%

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 J  
2013 Customer Impacts**

Customer Class: **Residential**

Consumption **800** kWh

Charge Unit	Current Board-Approved			Proposed			Impact		
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
Monthly Service Charge	Monthly	\$ 16.1400	1	\$ 16.14	\$ 15.7900	1	\$ 15.79	-\$ 0.35	-2.17%
Smart Metering Entity Charge	Monthly	\$ 0.7880	1	\$ 0.79	\$ 0.7880	1	\$ 0.79	\$ -	0.00%
Rate Rider for Late Payment Penalty Litigation Costs	Monthly	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Distribution Volumetric Rate	kWh	\$ 0.0124	800	\$ 9.92	\$ 0.0121	800	\$ 9.68	-\$ 0.24	-2.42%
Smart Meter Disposition Rider	Monthly	\$ -	1	\$ -	\$ 0.2900	1	\$ 0.29	\$ 0.29	-
Rate Rider for Loss Revenue Adjustment Mechanism Recovery	kW	\$ 0.0002	800	\$ 0.16	\$ -	800	\$ -	-\$ 0.16	-100.00%
Rate Rider for Tax Change	kW	-\$ 0.0005	800	-\$ 0.40	\$ -	800	\$ -	\$ 0.40	-100.00%
Stranded Assets Disposition	Monthly	\$ -	1	\$ -	\$ 0.4100	1	\$ 0.41	\$ 0.41	-
<b>Sub-Total A</b>				<b>\$ 26.61</b>			<b>\$ 26.96</b>	<b>\$ 0.35</b>	<b>1.32%</b>
Rate Rider for Deferral/Variance Account Disposition	kW	-\$ 0.0002	800	-\$ 0.16	-\$ 0.0014	800	-\$ 1.12	-\$ 0.96	600.00%
Low Voltage Service Charge	kWh	\$ 0.0002	800	\$ 0.16	\$ 0.0002	800	\$ 0.16	\$ -	0.00%
Smart Meter Entity Charge						800	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				<b>\$ 26.61</b>			<b>\$ 26.00</b>	<b>-\$ 0.61</b>	<b>-2.29%</b>
RTSR - Network	kWh	\$ 0.0059	842	\$ 4.97	\$ 0.0059	843	\$ 4.97	\$ 0.01	0.12%
RTSR - Line and Transformation Connection	kWh	\$ 0.0037	842	\$ 3.12	\$ 0.0036	843	\$ 3.04	-\$ 0.08	-2.58%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				<b>\$ 34.69</b>			<b>\$ 34.01</b>	<b>-\$ 0.68</b>	<b>-1.97%</b>
Wholesale Market Service Charge (WMSC)	kWh	\$ 0.0044	842	\$ 3.71	\$ 0.0044	843	\$ 3.71	\$ 0.00	0.12%
Rural and Remote Rate Protection (RRRP)	kWh	\$ 0.0012	842	\$ 1.01	\$ 0.0012	843	\$ 1.01	\$ 0.00	0.12%
Standard Supply Service Charge		\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	kWh	-\$ 0.0070	800	\$ 5.60	-\$ 0.0070	800	\$ 5.60	\$ -	0.00%
Energy - RPP - Tier 1	kWh	\$ 0.0740	600	\$ 44.40	\$ 0.0740	600	\$ 44.40	\$ -	0.00%
Energy - RPP - Tier 2	kWh	\$ 0.0870	242	\$ 21.07	\$ 0.0870	243	\$ 21.16	\$ 0.09	0.43%
TOU - Off Peak	kWh	\$ 0.0630	539	\$ 33.96	\$ 0.0630	540	\$ 34.00	\$ 0.04	0.12%
TOU - Mid Peak	kWh	\$ 0.0990	152	\$ 15.01	\$ 0.0990	152	\$ 15.03	\$ 0.02	0.12%
TOU - On Peak	kWh	\$ 0.1180	152	\$ 17.89	\$ 0.1180	152	\$ 17.91	\$ 0.02	0.12%
<b>Total Bill on RPP (before Taxes)</b>				<b>\$ 110.73</b>			<b>\$ 110.14</b>	<b>-\$ 0.59</b>	<b>-0.53%</b>
HST		13%		\$ 14.39		13%	\$ 14.32	-\$ 0.08	-0.53%
<b>Total Bill (including HST)</b>				<b>\$ 125.12</b>			<b>\$ 124.46</b>	<b>-\$ 0.66</b>	<b>-0.53%</b>
<i>Ontario Clean Energy Benefit 1</i>				-\$ 12.51			-\$ 12.45	\$ 0.06	-0.48%
<b>Total Bill on RPP (including OCEB)</b>				<b>\$ 112.61</b>			<b>\$ 112.01</b>	<b>-\$ 0.60</b>	<b>-0.54%</b>
<b>Total Bill on TOU (before Taxes)</b>				<b>\$ 112.11</b>			<b>\$ 111.51</b>	<b>-\$ 0.60</b>	<b>-0.53%</b>
HST		13%		\$ 14.57		13%	\$ 14.50	-\$ 0.08	-0.53%
<b>Total Bill (including HST)</b>				<b>\$ 126.68</b>			<b>\$ 126.01</b>	<b>-\$ 0.67</b>	<b>-0.53%</b>
<i>Ontario Clean Energy Benefit 1</i>				-\$ 12.67			-\$ 12.60	\$ 0.07	-0.55%
<b>Total Bill on TOU (including OCEB)</b>				<b>\$ 114.01</b>			<b>\$ 113.41</b>	<b>-\$ 0.60</b>	<b>-0.53%</b>

Loss Factor (%)

5.27%

5.40%

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 J  
2013 Customer Impacts**

Customer Class: **General Service < 50 kW**

Consumption **2000** kWh

Charge Unit	Current Board-Approved			Proposed			Impact		
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
Monthly Service Charge	Monthly	\$ 21.5500	1	\$ 21.55	\$ 21.0900	1	\$ 21.09	-\$ 0.46	-2.13%
Smart Metering Entity Charge	Monthly	\$ 0.7880	1	\$ 0.79	\$ 0.7880	1	\$ 0.79	\$ -	0.00%
Rate Rider for Late Payment Penalty Litigation Costs	Monthly	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Distribution Volumetric Rate	kWh	\$ 0.0186	2000	\$ 37.20	\$ 0.0182	2000	\$ 36.40	-\$ 0.80	-2.15%
Smart Meter Disposition Rider	Monthly	\$ -	1	\$ -	\$ 5.5400	1	\$ 5.54	\$ 5.54	
Rate Rider for Loss Revenue Adjustment Mechanism Recovery	kW	\$ 0.0001	2000	\$ 0.20	\$ -	2000	\$ -	-\$ 0.20	-100.00%
Rate Rider for Tax Change	kW	-\$ 0.0004	2000	-\$ 0.80	\$ -	2000	\$ -	\$ 0.80	-100.00%
Stranded Assets Disposition	Monthly	\$ -	1	\$ -	\$ 1.8100	1	\$ 1.81	\$ 1.81	
<b>Sub-Total A</b>				<b>\$ 58.94</b>			<b>\$ 65.63</b>	<b>\$ 6.69</b>	<b>11.35%</b>
Rate Rider for Deferral/Variance Account Disposition	kW	-\$ 0.0002	2000	-\$ 0.40	-\$ 0.0007	2000	-\$ 1.40	-\$ 1.00	250.00%
Low Voltage Service Charge	kWh	\$ 0.0001	2000	\$ 0.20	\$ 0.0001	2000	\$ 0.20	\$ -	0.00%
Smart Meter Entity Charge						2000	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				<b>\$ 58.74</b>			<b>\$ 64.43</b>	<b>\$ 5.69</b>	<b>9.69%</b>
RTSR - Network	kWh	\$ 0.0043	2105	\$ 9.05	\$ 0.0043	2108	\$ 9.06	\$ 0.01	0.12%
RTSR - Line and Transformation Connection	kWh	\$ 0.0027	2105	\$ 5.68	\$ 0.0026	2108	\$ 5.48	-\$ 0.20	-3.58%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				<b>\$ 73.48</b>			<b>\$ 78.97</b>	<b>\$ 5.50</b>	<b>7.48%</b>
Wholesale Market Service Charge (WMSC)	kWh	\$ 0.0044	2105	\$ 9.26	\$ 0.0044	2108	\$ 9.28	\$ 0.01	0.12%
Rural and Remote Rate Protection (RRRP)	kWh	\$ 0.0012	2105	\$ 2.53	\$ 0.0012	2108	\$ 2.53	\$ 0.00	0.12%
Standard Supply Service Charge		\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	kWh	-\$ 0.0070	2000	\$ 14.00	-\$ 0.0070	2000	\$ 14.00	\$ -	0.00%
Energy - RPP - Tier 1	kWh	\$ 0.0740	750	\$ 55.50	\$ 0.0740	750	\$ 55.50	\$ -	0.00%
Energy - RPP - Tier 2	kWh	\$ 0.0870	1355	\$ 117.92	\$ 0.0870	1358	\$ 118.15	\$ 0.23	0.19%
TOU - Off Peak	kWh	\$ 0.0630	1347	\$ 84.89	\$ 0.0630	1349	\$ 84.99	\$ 0.10	0.12%
TOU - Mid Peak	kWh	\$ 0.0990	379	\$ 37.52	\$ 0.0990	379	\$ 37.56	\$ 0.05	0.12%
TOU - On Peak	kWh	\$ 0.1180	379	\$ 44.72	\$ 0.1180	379	\$ 44.77	\$ 0.06	0.12%
<b>Total Bill on RPP (before Taxes)</b>				<b>\$ 272.94</b>			<b>\$ 278.67</b>	<b>\$ 5.74</b>	<b>2.10%</b>
HST		13%		\$ 35.48		13%	\$ 36.23	\$ 0.75	2.10%
<b>Total Bill (including HST)</b>				<b>\$ 308.42</b>			<b>\$ 314.90</b>	<b>\$ 6.48</b>	<b>2.10%</b>
<b>Ontario Clean Energy Benefit 1</b>				<b>-\$ 30.84</b>			<b>-\$ 31.49</b>	<b>-\$ 0.65</b>	<b>2.11%</b>
<b>Total Bill on RPP (including OCEB)</b>				<b>\$ 277.58</b>			<b>\$ 283.41</b>	<b>\$ 5.83</b>	<b>2.10%</b>
<b>Total Bill on TOU (before Taxes)</b>				<b>\$ 266.64</b>			<b>\$ 272.36</b>	<b>\$ 5.72</b>	<b>2.14%</b>
HST		13%		\$ 34.66		13%	\$ 35.41	\$ 0.74	2.14%
<b>Total Bill (including HST)</b>				<b>\$ 301.31</b>			<b>\$ 307.77</b>	<b>\$ 6.46</b>	<b>2.14%</b>
<b>Ontario Clean Energy Benefit 1</b>				<b>-\$ 30.13</b>			<b>-\$ 30.78</b>	<b>-\$ 0.65</b>	<b>2.16%</b>
<b>Total Bill on TOU (including OCEB)</b>				<b>\$ 271.18</b>			<b>\$ 276.99</b>	<b>\$ 5.81</b>	<b>2.14%</b>

Loss Factor (%)

5.27%

5.40%

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 J  
2013 Customer Impacts**

Customer Class: **General Service < 50 kW**

Consumption **5000** kWh

Charge Unit	Current Board-Approved			Proposed			Impact		
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
Monthly Service Charge	Monthly	\$ 21.5500	1	\$ 21.55	\$ 21.0900	1	\$ 21.09	\$ 0.46	-2.13%
Smart Metering Entity Charge	Monthly	\$ 0.7880	1	\$ 0.79	\$ 0.7880	1	\$ 0.79	\$ -	0.00%
Rate Rider for Late Payment Penalty Litigation Costs	Monthly	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Distribution Volumetric Rate	kWh	\$ 0.0186	5000	\$ 93.00	\$ 0.0182	5000	\$ 91.00	\$ 2.00	-2.15%
Smart Meter Disposition Rider	Monthly	\$ -	1	\$ -	\$ 5.5400	1	\$ 5.54	\$ 5.54	
Rate Rider for Loss Revenue Adjustment Mechanism Recovery	kW	\$ 0.0001	5000	\$ 0.50	\$ -	5000	\$ -	\$ 0.50	-100.00%
Rate Rider for Tax Change	kW	-\$ 0.0004	5000	-\$ 2.00	\$ -	5000	\$ -	\$ 2.00	-100.00%
Stranded Assets Disposition	Monthly	\$ -	1	\$ -	\$ 1.8100	1	\$ 1.81	\$ 1.81	
<b>Sub-Total A</b>				\$ 113.84			\$ 120.23	\$ 6.39	5.61%
Rate Rider for Deferral/Variance Account Disposition	kW	-\$ 0.0002	5000	-\$ 1.00	-\$ 0.0007	5000	-\$ 3.50	\$ 2.50	250.00%
Low Voltage Service Charge	kWh	\$ 0.0001	5000	\$ 0.50	\$ 0.0001	5000	\$ 0.50	\$ -	0.00%
Smart Meter Entity Charge						5000	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				\$ 113.34			\$ 117.23	\$ 3.89	3.43%
RTSR - Network	kWh	\$ 0.0043	5264	\$ 22.63	\$ 0.0043	5270	\$ 22.66	\$ 0.03	0.12%
RTSR - Line and Transformation Connection	kWh	\$ 0.0027	5264	\$ 14.21	\$ 0.0026	5270	\$ 13.70	\$ 0.51	-3.58%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				\$ 150.18			\$ 153.59	\$ 3.41	2.27%
Wholesale Market Service Charge (WMSC)	kWh	\$ 0.0044	5264	\$ 23.16	\$ 0.0044	5270	\$ 23.19	\$ 0.03	0.12%
Rural and Remote Rate Protection (RRRP)	kWh	\$ 0.0012	5264	\$ 6.32	\$ 0.0012	5270	\$ 6.32	\$ 0.01	0.12%
Standard Supply Service Charge		\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	kWh	-\$ 0.0070	5000	\$ 35.00	-\$ 0.0070	5000	\$ 35.00	\$ -	0.00%
Energy - RPP - Tier 1	kWh	\$ 0.0740	750	\$ 55.50	\$ 0.0740	750	\$ 55.50	\$ -	0.00%
Energy - RPP - Tier 2	kWh	\$ 0.0870	4514	\$ 392.67	\$ 0.0870	4520	\$ 393.24	\$ 0.57	0.14%
TOU - Off Peak	kWh	\$ 0.0630	3369	\$ 212.22	\$ 0.0630	3373	\$ 212.49	\$ 0.26	0.12%
TOU - Mid Peak	kWh	\$ 0.0990	947	\$ 93.80	\$ 0.0990	949	\$ 93.91	\$ 0.12	0.12%
TOU - On Peak	kWh	\$ 0.1180	947	\$ 111.80	\$ 0.1180	949	\$ 111.93	\$ 0.14	0.12%
<b>Total Bill on RPP (before Taxes)</b>				\$ 663.08			\$ 667.09	\$ 4.01	0.60%
HST		13%		\$ 86.20		13%	\$ 86.72	\$ 0.52	0.60%
<b>Total Bill (including HST)</b>				\$ 749.28			\$ 753.82	\$ 4.53	0.60%
<b>Ontario Clean Energy Benefit 1</b>				-\$ 74.93			-\$ 75.38	-\$ 0.45	0.60%
<b>Total Bill on RPP (including OCEB)</b>				\$ 674.35			\$ 678.44	\$ 4.08	0.61%
<b>Total Bill on TOU (before Taxes)</b>				\$ 632.72			\$ 636.69	\$ 3.96	0.63%
HST		13%		\$ 82.25		13%	\$ 82.77	\$ 0.51	0.63%
<b>Total Bill (including HST)</b>				\$ 714.98			\$ 719.45	\$ 4.48	0.63%
<b>Ontario Clean Energy Benefit 1</b>				-\$ 71.50			-\$ 71.95	-\$ 0.45	0.63%
<b>Total Bill on TOU (including OCEB)</b>				\$ 643.48			\$ 647.50	\$ 4.03	0.63%

Loss Factor (%)

5.27%

5.40%

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 J  
2013 Customer Impacts**

Customer Class: **General Service > 50 to 4999 kW**

Consumption **68500** kWh

Charge Unit	Current Board-Approved			Proposed			Impact		
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
Monthly Service Charge	Monthly	\$ 164.4900	1	\$ 164.49	\$ 160.9600	1	\$ 160.96	-\$ 3.53	-2.15%
Rate Rider for Late Payment Penalty Litigation Costs	Monthly	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Distribution Volumetric Rate	kW	\$ 4.2709	190	\$ 811.47	\$ 4.1821	190	\$ 794.60	-\$ 16.87	-2.08%
Smart Meter Disposition Rider	Monthly	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Rate Rider for Loss Revenue Adjustment Mechanism Recovery	kW	\$ 0.0212	190	\$ 4.03	\$ -	190	\$ -	-\$ 4.03	-100.00%
Rate Rider for Tax Change	kW	-\$ 0.0879	190	-\$ 16.70	\$ -	190	\$ -	\$ 16.70	-100.00%
Stranded Assets Disposition	Monthly	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
<b>Sub-Total A</b>							\$ 955.56	-\$ 7.73	<b>-0.80%</b>
Rate Rider for Deferral/Variance Account Disposition	kW	-\$ 0.0308	190	-\$ 5.85	-\$ 0.2908	190	-\$ 55.25	-\$ 49.40	844.16%
Low Voltage Service Charge	kW	\$ 0.0937	190	\$ 17.80	\$ 0.1020	190	\$ 19.38	\$ 1.58	8.86%
Smart Meter Entity Charge						68500	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>							\$ 919.69	-\$ 55.55	<b>-5.70%</b>
RTSR - Network	kW	\$ 3.2979	190	\$ 626.60	\$ 3.2788	190	\$ 622.97	-\$ 3.63	-0.58%
RTSR - Line and Transformation Connection	kW	\$ 2.0401	190	\$ 387.62	\$ 1.9738	190	\$ 375.02	-\$ 12.60	-3.25%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>							\$ 1,917.68	-\$ 71.78	<b>-3.61%</b>
Wholesale Market Service Charge (WMSC)	kWh	\$ 0.0044	72110	\$ 317.28	\$ 0.0044	72199	\$ 317.68	\$ 0.39	0.12%
Rural and Remote Rate Protection (RRRP)	kWh	\$ 0.0012	72110	\$ 86.53	\$ 0.0012	72199	\$ 86.64	\$ 0.11	0.12%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	kWh	\$ 0.0070	68500	\$ 479.50	\$ 0.0070	68500	\$ 479.50	\$ -	0.00%
Energy - RPP - Tier 1	kWh	\$ 0.0740	750	\$ 55.50	\$ 0.0740	750	\$ 55.50	\$ -	0.00%
Energy - RPP - Tier 2	kWh	\$ 0.0870	71360	\$ 6,208.32	\$ 0.0870	71449	\$ 6,216.06	\$ 7.75	0.12%
TOU - Off Peak	kWh	\$ 0.0630	46150	\$ 2,907.47	\$ 0.0630	46207	\$ 2,911.06	\$ 3.59	0.12%
TOU - Mid Peak	kWh	\$ 0.0990	12980	\$ 1,285.00	\$ 0.0990	12996	\$ 1,286.59	\$ 1.59	0.12%
TOU - On Peak	kWh	\$ 0.1180	12980	\$ 1,531.62	\$ 0.1180	12996	\$ 1,533.51	\$ 1.89	0.12%
<b>Total Bill on RPP (before Taxes)</b>				\$ 9,136.84			\$ 9,073.31	-\$ 63.53	<b>-0.70%</b>
HST		13%		\$ 1,187.79		13%	\$ 1,179.53	-\$ 8.26	-0.70%
<b>Total Bill (including HST)</b>				\$ 10,324.63			\$ 10,252.84	-\$ 71.79	-0.70%
<i>Ontario Clean Energy Benefit 1</i>				-\$ 1,032.46			-\$ 1,025.28	\$ 7.18	-0.70%
<b>Total Bill on RPP (including OCEB)</b>				\$ 9,292.17			\$ 9,227.56	-\$ 64.61	<b>-0.70%</b>
<b>Total Bill on TOU (before Taxes)</b>				\$ 8,597.11			\$ 8,532.90	-\$ 64.21	<b>-0.75%</b>
HST		13%		\$ 1,117.62		13%	\$ 1,109.28	-\$ 8.35	-0.75%
<b>Total Bill (including HST)</b>				\$ 9,714.74			\$ 9,642.18	-\$ 72.56	-0.75%
<i>Ontario Clean Energy Benefit 1</i>				-\$ 971.47			-\$ 964.22	\$ 7.25	-0.75%
<b>Total Bill on TOU (including OCEB)</b>				\$ 8,743.27			\$ 8,677.96	-\$ 65.31	<b>-0.75%</b>

Loss Factor (%)

5.27%

5.40%

<sup>1</sup> 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 J  
2013 Customer Impacts**

Customer Class: **Unmetered Scattered Load**

Consumption **397** kWh

Charge Unit	Current Board-Approved			Proposed			Impact		
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
Monthly Service Charge	Monthly	\$ 8.0500	1	\$ 8.05	\$ 6.9000	1	\$ 6.90	-\$ 1.15	-14.29%
Smart Meter Rate Adder	Monthly	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Distribution Volumetric Rate	kWh	\$ 0.0123	397	\$ 4.88	\$ 0.0105	397	\$ 4.17	-\$ 0.71	-14.63%
Smart Meter Disposition Rider	Monthly	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Rate Rider for Loss Revenue Adjustment Mechanism Recovery	kW	\$ -	397	\$ -	\$ -	397	\$ -	\$ -	-
Rate Rider for Tax Change	kW	-\$ 0.0004	397	-\$ 0.16	\$ -	397	\$ -	\$ 0.16	100.00%
Stranded Assets Disposition	Monthly	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
<b>Sub-Total A</b>				\$ 12.77			\$ 11.07	-\$ 1.71	-13.35%
Rate Rider for Deferral/Variance Account Disposition	kW	-\$ 0.0002	397	-\$ 0.08	-\$ 0.0018	397	-\$ 0.71	-\$ 0.64	800.00%
Low Voltage Service Charge	kWh	\$ 0.0001	397	\$ 0.04	\$ 0.0001	397	\$ 0.04	\$ -	0.00%
Smart Meter Entity Charge						397	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				\$ 12.73			\$ 10.39	-\$ 2.34	-18.38%
RTSR - Network	kWh	\$ 0.0043	418	\$ 1.80	\$ 0.0043	418	\$ 1.80	\$ 0.00	0.12%
RTSR - Line and Transformation Connection	kWh	\$ 0.0027	418	\$ 1.13	\$ 0.0026	418	\$ 1.09	-\$ 0.04	-3.58%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				\$ 15.66			\$ 13.28	-\$ 2.38	-15.19%
Wholesale Market Service Charge (WMSC)	kWh	\$ 0.0044	418	\$ 1.84	\$ 0.0044	418	\$ 1.84	\$ 0.00	0.12%
Rural and Remote Rate Protection (RRRP)	kWh	\$ 0.0012	418	\$ 0.50	\$ 0.0012	418	\$ 0.50	\$ 0.00	0.12%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	kWh	\$ 0.0070	397	\$ 2.78	\$ 0.0070	397	\$ 2.78	\$ -	0.00%
Energy - RPP - Tier 1	kWh	\$ 0.0740	397	\$ 29.38	\$ 0.0740	397	\$ 29.38	\$ -	0.00%
Energy - RPP - Tier 2	kWh	\$ 0.0870	0	\$ -	\$ 0.0870	0	\$ -	\$ -	-
TOU - Off Peak	kWh	\$ 0.0630	267	\$ 16.85	\$ 0.0630	268	\$ 16.87	\$ 0.02	0.12%
TOU - Mid Peak	kWh	\$ 0.0990	75	\$ 7.45	\$ 0.0990	75	\$ 7.46	\$ 0.01	0.12%
TOU - On Peak	kWh	\$ 0.1180	75	\$ 8.88	\$ 0.1180	75	\$ 8.89	\$ 0.01	0.12%
<b>Total Bill on RPP (before Taxes)</b>				\$ 50.41			\$ 48.03	-\$ 2.38	-4.71%
HST		13%		\$ 6.55		13%	\$ 6.24	-\$ 0.31	-4.71%
<b>Total Bill (including HST)</b>				\$ 56.96			\$ 54.28	-\$ 2.69	-4.71%
<i>Ontario Clean Energy Benefit 1</i>				-\$ 5.70			-\$ 5.43	\$ 0.27	-4.74%
<b>Total Bill on RPP (including OCEB)</b>				\$ 51.26			\$ 48.85	-\$ 2.42	-4.71%
<b>Total Bill on TOU (before Taxes)</b>				\$ 54.20			\$ 51.87	-\$ 2.34	-4.31%
HST		13%		\$ 7.05		13%	\$ 6.74	-\$ 0.30	-4.31%
<b>Total Bill (including HST)</b>				\$ 61.25			\$ 58.61	-\$ 2.64	-4.31%
<i>Ontario Clean Energy Benefit 1</i>				-\$ 6.13			-\$ 5.86	\$ 0.27	-4.40%
<b>Total Bill on TOU (including OCEB)</b>				\$ 55.12			\$ 52.75	-\$ 2.37	-4.30%

Loss Factor (%)

5.27%

5.40%

<sup>1</sup> 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 J  
2013 Customer Impacts**

Customer Class: **Street Lighting**

Consumption **72** kWh

Charge Unit	Current Board-Approved			Proposed			Impact		
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
Monthly Service Charge	Monthly	\$ 3.7200	1	\$ 3.72	\$ 5.2500	1	\$ 5.25	\$ 1.53	41.13%
Smart Meter Rate Adder	Monthly	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Rate Rider for Late Payment Penalty Litigation Costs	Monthly	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	kW	\$ 10.8171	0.2	\$ 2.16	\$ 2.5766	0.2	\$ 0.52	-\$ 1.65	-76.18%
Smart Meter Disposition Rider	Monthly	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Rate Rider for Loss Revenue Adjustment Mechanism Recovery	kW	\$ -	0.2	\$ -	\$ -	0.2	\$ -	\$ -	
Rate Rider for Tax Change	kW	-\$ 0.4715	0.2	\$ 0.09	\$ -	0.2	\$ -	\$ 0.09	-100.00%
Stranded Assets Disposition	Monthly	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total A</b>				<b>\$ 5.79</b>			<b>\$ 5.77</b>	<b>-\$ 0.02</b>	<b>-0.41%</b>
Rate Rider for Deferral/Variance Account Disposition	kW	-\$ 0.1939	0.2	\$ 0.04	-\$ 3.0138	0.2	\$ 0.60	-\$ 0.56	1454.31%
Low Voltage Service Charge	kW	\$ 0.0475	0.2	\$ 0.01	\$ 0.0518	0.2	\$ 0.01	\$ 0.00	9.05%
Smart Meter Entity Charge						72	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				<b>\$ 5.76</b>			<b>\$ 5.17</b>	<b>-\$ 0.59</b>	<b>-10.19%</b>
RTSR - Network	kW	\$ 1.6742	0	\$ 0.33	\$ 1.6645	0	\$ 0.33	-\$ 0.00	-0.58%
RTSR - Line and Transformation Connection	kW	\$ 1.0355	0	\$ 0.21	\$ 1.0018	0	\$ 0.20	-\$ 0.01	-3.25%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				<b>\$ 6.30</b>			<b>\$ 5.71</b>	<b>-\$ 0.60</b>	<b>-9.45%</b>
Wholesale Market Service Charge (WMSC)	kWh	\$ 0.0044	76	\$ 0.33	\$ 0.0044	76	\$ 0.33	\$ 0.00	0.12%
Rural and Remote Rate Protection (RRRP)	kWh	\$ 0.0012	76	\$ 0.09	\$ 0.0012	76	\$ 0.09	\$ 0.00	0.12%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	kWh	\$ 0.0070	72	\$ 0.50	\$ 0.0070	72	\$ 0.50	\$ -	0.00%
Energy - RPP - Tier 1	kWh	\$ 0.0740	76	\$ 5.61	\$ 0.0740	76	\$ 5.62	\$ 0.01	0.12%
Energy - RPP - Tier 2	kWh	\$ 0.0870	0	\$ -	\$ 0.0870	0	\$ -	\$ -	
TOU - Off Peak	kWh	\$ 0.0630	49	\$ 3.06	\$ 0.0630	49	\$ 3.06	\$ 0.00	0.12%
TOU - Mid Peak	kWh	\$ 0.0990	14	\$ 1.35	\$ 0.0990	14	\$ 1.35	\$ 0.00	0.12%
TOU - On Peak	kWh	\$ 0.1180	14	\$ 1.61	\$ 0.1180	14	\$ 1.61	\$ 0.00	0.12%
<b>Total Bill on RPP (before Taxes)</b>				<b>\$ 13.09</b>			<b>\$ 12.50</b>	<b>-\$ 0.59</b>	<b>-4.49%</b>
HST		13%		\$ 1.70		13%	\$ 1.63	-\$ 0.08	-4.49%
<b>Total Bill (including HST)</b>				<b>\$ 14.79</b>			<b>\$ 14.13</b>	<b>-\$ 0.66</b>	<b>-4.49%</b>
<i>Ontario Clean Energy Benefit 1</i>				-\$ 1.48			-\$ 1.41	\$ 0.07	-4.73%
<b>Total Bill on RPP (including OCEB)</b>				<b>\$ 13.31</b>			<b>\$ 12.72</b>	<b>-\$ 0.59</b>	<b>-4.47%</b>
<b>Total Bill on TOU (before Taxes)</b>				<b>\$ 13.50</b>			<b>\$ 12.91</b>	<b>-\$ 0.59</b>	<b>-4.35%</b>
HST		13%		\$ 1.75		13%	\$ 1.68	-\$ 0.08	-4.35%
<b>Total Bill (including HST)</b>				<b>\$ 15.25</b>			<b>\$ 14.59</b>	<b>-\$ 0.66</b>	<b>-4.35%</b>
<i>Ontario Clean Energy Benefit 1</i>				-\$ 1.53			-\$ 1.46	\$ 0.07	-4.58%
<b>Total Bill on TOU (including OCEB)</b>				<b>\$ 13.72</b>			<b>\$ 13.13</b>	<b>-\$ 0.59</b>	<b>-4.33%</b>

Loss Factor (%)

5.27%

5.40%

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 J  
2013 Customer Impacts**

Customer Class: **Sentinel Lighting**

Consumption **36** kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 3.7100	1	\$ 3.71	\$ 3.8400	1	\$ 3.84	\$ 0.13	3.50%
Smart Meter Rate Adder	Monthly	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Distribution Volumetric Rate	kW	\$ 11.8706	0.1	\$ 1.19	\$ 12.3008	0.1	\$ 1.23	\$ 0.04	3.62%
Smart Meter Disposition Rider	Monthly	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Rate Rider for Loss Revenue Adjustment Mechanism Recovery	kW	\$ -	0.1	\$ -	\$ -	0.1	\$ -	\$ -	-
Rate Rider for Tax Change	kW	-\$ 0.4104	0.1	-\$ 0.04	\$ -	0.1	\$ -	\$ 0.04	-100.00%
Stranded Assets Disposition	Monthly	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
<b>Sub-Total A</b>				\$ 4.86			\$ 5.07	\$ 0.21	4.41%
Rate Rider for Deferral/Variance Account Disposition	kW	-\$ 0.1680	0.1	-\$ 0.02	-\$ 0.0072	0.1	-\$ 0.00	\$ 0.02	-95.71%
Low Voltage Service Charge	kW	\$ 0.0503	0.1	\$ 0.01	\$ 0.0548	0.1	\$ 0.01	\$ 0.00	8.95%
Smart Meter Entity Charge						36	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				\$ 4.84			\$ 5.07	\$ 0.23	4.76%
RTSR - Network	kW	\$ 1.7724	0	\$ 0.18	\$ 1.7621	0	\$ 0.18	-\$ 0.00	-0.58%
RTSR - Line and Transformation Connection	kWh	\$ 1.0962	0	\$ 0.11	\$ 1.0606	0	\$ 0.11	-\$ 0.00	-3.25%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				\$ 5.13			\$ 5.36	\$ 0.23	4.40%
Wholesale Market Service Charge (WMSC)	kWh	\$ 0.0044	38	\$ 0.17	\$ 0.0044	38	\$ 0.17	\$ 0.00	0.12%
Rural and Remote Rate Protection (RRRP)	kWh	\$ 0.0012	38	\$ 0.05	\$ 0.0012	38	\$ 0.05	\$ 0.00	0.12%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	kWh	\$ 0.0070	36	\$ 0.25	\$ 0.0070	36	\$ 0.25	\$ -	0.00%
Energy - RPP - Tier 1	kWh	\$ 0.0740	38	\$ 2.80	\$ 0.0740	38	\$ 2.81	\$ 0.00	0.12%
Energy - RPP - Tier 2	kWh	\$ 0.0870	0	\$ -	\$ 0.0870	0	\$ -	\$ -	-
TOU - Off Peak	kWh	\$ 0.0630	24	\$ 1.52	\$ 0.0630	24	\$ 1.52	\$ 0.00	0.01%
TOU - Mid Peak	kWh	\$ 0.0990	7	\$ 0.68	\$ 0.0990	7	\$ 0.68	\$ 0.00	0.12%
TOU - On Peak	kWh	\$ 0.1180	7	\$ 0.80	\$ 0.1180	7	\$ 0.81	\$ 0.00	0.12%
<b>Total Bill on RPP (before Taxes)</b>				\$ 8.65			\$ 8.88	\$ 0.23	2.65%
HST		13%		\$ 1.12	13%		\$ 1.15	\$ 0.03	2.65%
<b>Total Bill (including HST)</b>				\$ 9.77			\$ 10.03	\$ 0.26	2.65%
<i>Ontario Clean Energy Benefit 1</i>				-\$ 0.98			-\$ 1.00	-\$ 0.02	2.04%
<b>Total Bill on RPP (including OCEB)</b>				\$ 8.79			\$ 9.03	\$ 0.24	2.72%
<b>Total Bill on TOU (before Taxes)</b>				\$ 8.84			\$ 9.07	\$ 0.23	2.58%
HST		13%		\$ 1.15	13%		\$ 1.18	\$ 0.03	2.58%
<b>Total Bill (including HST)</b>				\$ 9.99			\$ 10.25	\$ 0.26	2.58%
<i>Ontario Clean Energy Benefit 1</i>				-\$ 1.00			-\$ 1.03	-\$ 0.03	3.00%
<b>Total Bill on TOU (including OCEB)</b>				\$ 8.99			\$ 9.22	\$ 0.23	2.53%

Loss Factor (%)

5.27%

5.40%

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 K - Cost Allocation Model Sheet O1



## 2013 Cost Allocation Model

### Sheet O1 Revenue to Cost Summary Worksheet -

**Instructions:**  
Please see the first tab in this workbook for detailed instructions

Class Revenue, Cost Analysis, and Return on Rate Base

Rate Base Assets	Total	1	2	3	7	8	9
		Residential	GS <50	GS>50-Regular	Street Light	Sentinel	Unmetered Scattered Load
<b>crev</b> Distribution Revenue at Existing Rates	\$22,742,171	\$13,220,089	\$3,707,944	\$5,056,582	\$671,812	\$34,664	\$51,080
<b>mi</b> Miscellaneous Revenue (mi)	\$1,696,774	\$1,160,538	\$215,193	\$250,963	\$62,325	\$4,096	\$3,659
<b>Miscellaneous Revenue Input equals Output</b>							
<b>Total Revenue at Existing Rates</b>	<b>\$24,438,945</b>	<b>\$14,380,627</b>	<b>\$3,923,137</b>	<b>\$5,307,545</b>	<b>\$734,137</b>	<b>\$38,760</b>	<b>\$54,739</b>
Factor required to recover deficiency (1 + D)	0.9785						
Distribution Revenue at Status Quo Rates	\$22,254,105	\$12,936,375	\$3,628,368	\$4,948,063	\$657,394	\$33,921	\$49,984
Miscellaneous Revenue (mi)	\$1,696,774	\$1,160,538	\$215,193	\$250,963	\$62,325	\$4,096	\$3,659
<b>Total Revenue at Status Quo Rates</b>	<b>\$23,950,879</b>	<b>\$14,096,913</b>	<b>\$3,843,561</b>	<b>\$5,199,027</b>	<b>\$719,719</b>	<b>\$38,016</b>	<b>\$53,643</b>
<b>Expenses</b>							
<b>di</b> Distribution Costs (di)	\$7,132,988	\$4,150,094	\$1,004,553	\$1,694,289	\$261,545	\$11,938	\$10,568
<b>cu</b> Customer Related Costs (cu)	\$3,717,428	\$3,003,166	\$422,790	\$165,711	\$105,506	\$10,646	\$9,610
<b>ad</b> General and Administration (ad)	\$3,339,201	\$2,201,406	\$439,263	\$572,413	\$112,959	\$6,950	\$6,210
<b>dep</b> Depreciation and Amortization (dep)	\$3,960,817	\$2,380,401	\$580,744	\$862,970	\$125,744	\$5,768	\$5,191
<b>INPUT</b> PILs (INPUT)	\$467,432	\$283,458	\$65,337	\$101,683	\$15,597	\$716	\$641
<b>INT</b> Interest	\$2,136,693	\$1,295,724	\$298,664	\$464,807	\$71,296	\$3,272	\$2,931
<b>Total Expenses</b>	<b>\$20,754,559</b>	<b>\$13,314,250</b>	<b>\$2,811,351</b>	<b>\$3,861,872</b>	<b>\$692,646</b>	<b>\$39,289</b>	<b>\$35,151</b>
<b>Direct Allocation</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>NI</b> Allocated Net Income (NI)	\$3,196,320	\$1,938,299	\$446,777	\$695,313	\$106,652	\$4,894	\$4,385
<b>Revenue Requirement (includes NI)</b>	<b>\$23,950,879</b>	<b>\$15,252,549</b>	<b>\$3,258,128</b>	<b>\$4,557,185</b>	<b>\$799,299</b>	<b>\$44,183</b>	<b>\$39,536</b>
<b>Revenue Requirement Input equals Output</b>							
<b>Rate Base Calculation</b>							
<b>Net Assets</b>							
<b>dp</b> Distribution Plant - Gross	\$187,154,897	\$112,058,882	\$26,426,684	\$40,865,254	\$7,185,796	\$328,572	\$289,709
<b>gp</b> General Plant - Gross	\$14,931,912	\$9,039,536	\$2,104,491	\$3,203,551	\$537,816	\$24,639	\$21,878
<b>accum dep</b> Accumulated Depreciation	(\$115,810,317)	(\$68,868,034)	(\$16,371,439)	(\$25,558,705)	(\$4,616,112)	(\$210,850)	(\$185,177)
<b>co</b> Capital Contribution	(\$11,510,141)	(\$6,895,552)	(\$1,703,767)	(\$2,259,274)	(\$600,776)	(\$27,348)	(\$23,425)
<b>Total Net Plant</b>	<b>\$74,766,351</b>	<b>\$45,334,833</b>	<b>\$10,455,969</b>	<b>\$16,250,826</b>	<b>\$2,506,724</b>	<b>\$115,013</b>	<b>\$102,985</b>
<b>Directly Allocated Net Fixed Assets</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>COP</b> Cost of Power (COP)	\$95,179,963	\$40,565,652	\$14,414,527	\$39,198,811	\$808,720	\$46,653	\$145,601
OM&A Expenses	\$14,189,617	\$9,354,666	\$1,866,606	\$2,432,412	\$480,010	\$29,534	\$26,388
Directly Allocated Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$109,369,580</b>	<b>\$49,920,319</b>	<b>\$16,281,133</b>	<b>\$41,631,223</b>	<b>\$1,288,729</b>	<b>\$76,187</b>	<b>\$171,989</b>
<b>Working Capital</b>	<b>\$14,218,045</b>	<b>\$6,489,641</b>	<b>\$2,116,547</b>	<b>\$5,412,059</b>	<b>\$167,535</b>	<b>\$9,904</b>	<b>\$22,359</b>
<b>Total Rate Base</b>	<b>\$88,984,396</b>	<b>\$51,824,474</b>	<b>\$12,572,516</b>	<b>\$21,662,885</b>	<b>\$2,674,259</b>	<b>\$124,918</b>	<b>\$125,343</b>
<b>Rate Base Input equals Output</b>							
<b>Equity Component of Rate Base</b>	<b>\$35,593,759</b>	<b>\$20,729,790</b>	<b>\$5,029,007</b>	<b>\$8,665,154</b>	<b>\$1,069,704</b>	<b>\$49,967</b>	<b>\$50,137</b>
<b>Net Income on Allocated Assets</b>	<b>\$3,196,320</b>	<b>\$782,663</b>	<b>\$1,032,210</b>	<b>\$1,337,155</b>	<b>\$27,073</b>	<b>(\$1,273)</b>	<b>\$18,492</b>
<b>Net Income on Direct Allocation Assets</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Net Income</b>	<b>\$3,196,320</b>	<b>\$782,663</b>	<b>\$1,032,210</b>	<b>\$1,337,155</b>	<b>\$27,073</b>	<b>(\$1,273)</b>	<b>\$18,492</b>
<b>RATIOS ANALYSIS</b>							



# 2013 Cost Allocation Model

## Sheet 01 Revenue to Cost Summary Worksheet -

**Instructions:**  
Please see the first tab in this workbook for detailed instructions

Class Revenue, Cost Analysis, and Return on Rate Base

Rate Base Assets	Total	1 Residential	2 GS <50	3 GS>50-Regular	7 Street Light	8 Sentinel	9 Unmetered Scattered Load
	REVENUE TO EXPENSES STATUS QUO%	100.00%	92.42%	117.97%	114.08%	90.04%	86.04%
EXISTING REVENUE MINUS ALLOCATED COSTS	\$488,066	(\$871,921)	\$665,009	\$750,360	(\$65,162)	(\$5,423)	\$15,203
Deficiency Input equals Output							
STATUS QUO REVENUE MINUS ALLOCATED COSTS	\$0	(\$1,155,636)	\$585,433	\$641,841	(\$79,580)	(\$6,167)	\$14,107
RETURN ON EQUITY COMPONENT OF RATE BASE	8.98%	3.78%	20.53%	15.43%	2.53%	-2.55%	36.88%

## Appendix L - Revenue Requirement Workform



# Revenue Requirement Workform



Version 3.00

Utility Name	Greater Sudbury Hydro Inc.
Service Territory	
Assigned EB Number	EB-2012-0126
Name and Title	Nancy Whissell, VP Corporate Services
Phone Number	1-705-675-0509
Email Address	nancyw@shec.com

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*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*



# Revenue Requirement Workform

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[2. Table of Contents](#)

[3. Data Input Sheet](#)

[4. Rate Base](#)

[5. Utility Income](#)

[6. Taxes PILs](#)

[7. Cost of Capital](#)

[8. Rev Def Suff](#)

[9. Rev Req](#)

## Notes:

- (1) Pale green cells represent inputs
- (2) Pale green boxes at the bottom of each page are for additional notes
- (3) Pale yellow cells represent drop-down lists
- (4) ***Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.***
- (5) ***Completed versions of the Revenue Requirement Work Form are required to be filed in working Microsoft Excel***



# Revenue Requirement Workform

## Data Input <sup>(1)</sup>

	Initial Application	(2) Adjustments	Settlement Agreement	(6) Adjustments	Per Board Decision
<b>1 Rate Base</b>					
Gross Fixed Assets (average)	\$187,800,824		\$ 186,467,946		\$186,467,946
Accumulated Depreciation (average)	(\$114,083,450)	(5) \$2,381,857	(\$111,701,593)		(\$111,701,593)
<b>Allowance for Working Capital:</b>					
Controllable Expenses	\$15,564,617	(\$1,375,000)	\$ 14,189,617		\$14,189,617
Cost of Power	\$94,914,882	\$265,082	\$ 95,179,964		\$95,179,964
Working Capital Rate (%)	13.00%	(9)	13.00%	(9)	13.00% (9)
<b>2 Utility Income</b>					
<b>Operating Revenues:</b>					
Distribution Revenue at Current Rates	\$22,710,472	\$31,699	\$22,742,171		
Distribution Revenue at Proposed Rates	\$23,554,760	(\$1,300,655)	\$22,254,105		
<b>Other Revenue:</b>					
Specific Service Charges	\$843,150	\$3,088	\$846,238		
Late Payment Charges	\$200,000	\$0	\$200,000		
Other Distribution Revenue	\$261,878	\$0	\$261,878		
Other Income and Deductions	\$245,000	\$143,659	\$388,659		
Total Revenue Offsets	\$1,550,028	(7) \$146,747	\$1,696,775		
<b>Operating Expenses:</b>					
OM+A Expenses	\$15,564,617	(\$1,375,000)	\$ 14,189,617		\$14,189,617
Depreciation/Amortization	\$3,876,864	(10) \$83,952	\$ 3,960,817		\$3,960,817
Property taxes					
Other expenses					
<b>3 Taxes/PILs</b>					
<b>Taxable Income:</b>					
Adjustments required to arrive at taxable income	(\$2,485,166)	(3)	(\$1,673,848)		
<b>Utility Income Taxes and Rates:</b>					
Income taxes (not grossed up)	\$157,915		\$354,308		
Income taxes (grossed up)	\$201,660		\$467,431		
Federal tax (%)	15.00%		15.00%		
Provincial tax (%)	6.69%		9.20%		
Income Tax Credits			(\$14,147)		
<b>4 Capitalization/Cost of Capital</b>					
<b>Capital Structure:</b>					
Long-term debt Capitalization Ratio (%)	56.0%		56.0%		56.0%
Short-term debt Capitalization Ratio (%)	4.0%	(8)	4.0%	(8)	4.0% (8)
Common Equity Capitalization Ratio (%)	40.0%		40.0%		40.0%
Preferred Shares Capitalization Ratio (%)					
	100.0%		100.0%		100.0%
<b>Cost of Capital</b>					
Long-term debt Cost Rate (%)	4.41%		4.14%		4.14%
Short-term debt Cost Rate (%)	2.08%		2.07%		2.07%
Common Equity Cost Rate (%)	9.12%		8.98%		8.98%
Preferred Shares Cost Rate (%)					
Adjustment to Return on Rate Base associated with Deferred PP&E balance as a result of transition from CGAAP to MIFRS (\$)		(11)		(11)	(11)

### Notes:

- General** Data inputs are required on Sheets 3. Data from Sheet 3 will automatically complete calculations on sheets 4 through 9 (Rate Base through Revenue Requirement). Sheets 4 through 9 do not require any inputs except for notes that the Applicant may wish to enter to support the results. Pale green cells are available on sheets 4 through 9 to enter both footnotes beside key cells and the related text for the notes at the bottom of each sheet.
- (1) All inputs are in dollars (\$) except where inputs are individually identified as percentages (%)
- Data in column E is for Application as originally filed. For updated revenue requirement as a result of interrogatory responses, technical or settlement conferences, etc., use column M and Adjustments in column I
- (2) Net of addbacks and deductions to arrive at taxable income.
- (3) Average of Gross Fixed Assets at beginning and end of the Test Year
- (4) Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.
- (5) Select option from drop-down list by clicking on cell M10. This column allows for the application update reflecting the end of discovery or Argument-in-Chief. Also, the outcome of any Settlement Process can be reflected.
- (6) Input total revenue offsets for deriving the base revenue requirement from the service revenue requirement
- (7) 4.0% unless an Applicant has proposed or been approved for another amount.
- (8) Starting with 2013, default Working Capital Allowance factor is 13% (of Cost of Power plus controllable expenses). Alternatively, WCA factor based on lead-lag study or approved WCA factor for another distributor, with supporting rationale.
- (9) Depreciation Expense should include the adjustment resulting from the amortization of the deferred PP&E balance as shown on Appendix 2-EA or Appendix 2-EB of the Chapter 2 Appendices to the Filing Requirements.
- (10) Adjustment should include the adjustment to the return on rate base associated with deferred PP&E balance as shown on Appendix 2-EA or Appendix 2-EB of the Chapter 2 Appendices to the Filing Requirements.
- (11)





# Revenue Requirement Workform

## Rate Base and Working Capital

Line No.	Particulars		Initial Application	Adjustments	Settlement Agreement	Adjustments	Per Board Decision
1	Gross Fixed Assets (average)	(3)	\$187,800,824	(\$1,332,878)	\$186,467,946	\$ -	\$186,467,946
2	Accumulated Depreciation (average)	(3)	(\$114,083,450)	\$2,381,857	(\$111,701,593)	\$ -	(\$111,701,593)
3	Net Fixed Assets (average)	(3)	\$73,717,375	\$1,048,979	\$74,766,353	\$ -	\$74,766,353
4	Allowance for Working Capital	(1)	\$14,362,335	(\$144,289)	\$14,218,046	\$ -	\$14,218,046
5	<b>Total Rate Base</b>		<b>\$88,079,710</b>	<b>\$904,689</b>	<b>\$88,984,399</b>	<b>\$ -</b>	<b>\$88,984,399</b>

## Allowance for Working Capital - Derivation

(1)

6	Controllable Expenses		\$15,564,617	(\$1,375,000)	\$14,189,617	\$ -	\$14,189,617
7	Cost of Power		\$94,914,882	\$265,082	\$95,179,964	\$ -	\$95,179,964
8	Working Capital Base		\$110,479,500	(\$1,109,918)	\$109,369,582	\$ -	\$109,369,582
9	Working Capital Rate %	(2)	13.00%	0.00%	13.00%	0.00%	13.00%
10	Working Capital Allowance		\$14,362,335	(\$144,289)	\$14,218,046	\$ -	\$14,218,046

### Notes

- (2) Some Applicants may have a unique rate as a result of a lead-lag study. **Default rate for 2013 cost of service applications is 13%.**  
 (3) Average of opening and closing balances for the year.



# Revenue Requirement Workform

## Utility Income

Line No.	Particulars	Initial Application	Adjustments	Settlement Agreement	Adjustments	Per Board Decision
<b>Operating Revenues:</b>						
1	Distribution Revenue (at Proposed Rates)	\$23,554,760	(\$1,300,655)	\$22,254,105	\$ -	\$22,254,105
2	Other Revenue (1)	\$1,550,028	\$146,747	\$1,696,775	\$ -	\$1,696,775
3	<b>Total Operating Revenues</b>	<b>\$25,104,788</b>	<b>(\$1,153,909)</b>	<b>\$23,950,880</b>	<b>\$ -</b>	<b>\$23,950,880</b>
<b>Operating Expenses:</b>						
4	OM+A Expenses	\$15,564,617	(\$1,375,000)	\$14,189,617	\$ -	\$14,189,617
5	Depreciation/Amortization	\$3,876,864	\$83,952	\$3,960,817	\$ -	\$3,960,817
6	Property taxes	\$ -	\$ -	\$ -	\$ -	\$ -
7	Capital taxes	\$ -	\$ -	\$ -	\$ -	\$ -
8	Other expense	\$ -	\$ -	\$ -	\$ -	\$ -
9	<b>Subtotal (lines 4 to 8)</b>	<b>\$19,441,482</b>	<b>(\$1,291,048)</b>	<b>\$18,150,434</b>	<b>\$ -</b>	<b>\$18,150,434</b>
10	Deemed Interest Expense	\$2,248,499	(\$111,805)	\$2,136,693	\$ -	\$2,136,693
11	<b>Total Expenses (lines 9 to 10)</b>	<b>\$21,689,981</b>	<b>(\$1,402,853)</b>	<b>\$20,287,128</b>	<b>\$ -</b>	<b>\$20,287,128</b>
12	Adjustment to Return on Rate Base associated with Deferred PP&E balance as a result of transition from CGAAP to MIFRS	\$ -	\$ -	\$ -	\$ -	\$ -
13	<b>Utility income before income taxes</b>	<b>\$3,414,808</b>	<b>\$248,944</b>	<b>\$3,663,752</b>	<b>\$ -</b>	<b>\$3,663,752</b>
14	Income taxes (grossed-up)	\$201,660	\$265,772	\$467,431	\$ -	\$467,431
15	<b>Utility net income</b>	<b>\$3,213,148</b>	<b>(\$16,827)</b>	<b>\$3,196,321</b>	<b>\$ -</b>	<b>\$3,196,321</b>

### Notes

#### Other Revenues / Revenue Offsets

(1)	Specific Service Charges	\$843,150	\$3,088	\$846,238		\$846,238
	Late Payment Charges	\$200,000	\$ -	\$200,000		\$200,000
	Other Distribution Revenue	\$261,878	\$ -	\$261,878		\$261,878
	Other Income and Deductions	\$245,000	\$143,659	\$388,659		\$388,659
	<b>Total Revenue Offsets</b>	<b>\$1,550,028</b>	<b>\$146,747</b>	<b>\$1,696,775</b>	<b>\$ -</b>	<b>\$1,696,775</b>



# Revenue Requirement Workform

## Taxes/PILs

<u>Line No.</u>	<u>Particulars</u>	<u>Application</u>	<u>Settlement Agreement</u>	<u>Per Board Decision</u>
<b><u>Determination of Taxable Income</u></b>				
1	Utility net income before taxes	\$3,213,148	\$3,196,320	\$3,196,320
2	Adjustments required to arrive at taxable utility income	(\$2,485,166)	(\$1,673,848)	(\$2,485,166)
3	Taxable income	<u>\$727,982</u>	<u>\$1,522,471</u>	<u>\$711,154</u>
<b><u>Calculation of Utility income Taxes</u></b>				
4	Income taxes	<u>\$157,915</u>	<u>\$354,308</u>	<u>\$354,308</u>
6	Total taxes	<u>\$157,915</u>	<u>\$354,308</u>	<u>\$354,308</u>
7	Gross-up of Income Taxes	<u>\$43,744</u>	<u>\$113,124</u>	<u>\$113,124</u>
8	Grossed-up Income Taxes	<u>\$201,660</u>	<u>\$467,431</u>	<u>\$467,431</u>
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	<u>\$201,660</u>	<u>\$467,431</u>	<u>\$467,431</u>
10	Other tax Credits	\$ -	(\$14,147)	(\$14,147)
<b><u>Tax Rates</u></b>				
11	Federal tax (%)	15.00%	15.00%	15.00%
12	Provincial tax (%)	6.69%	9.20%	9.20%
13	Total tax rate (%)	<u>21.69%</u>	<u>24.20%</u>	<u>24.20%</u>

## Notes



# Revenue Requirement Workform

## Capitalization/Cost of Capital

Line No.	Particulars	Capitalization Ratio		Cost Rate	Return
<b>Initial Application</b>					
		(%)	(\$)	(%)	(\$)
	<b>Debt</b>				
1	Long-term Debt	56.00%	\$49,324,637	4.41%	\$2,175,217
2	Short-term Debt	4.00%	\$3,523,188	2.08%	\$73,282
3	<b>Total Debt</b>	<b>60.00%</b>	<b>\$52,847,826</b>	<b>4.25%</b>	<b>\$2,248,499</b>
	<b>Equity</b>				
4	Common Equity	40.00%	\$35,231,884	9.12%	\$3,213,148
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	<b>Total Equity</b>	<b>40.00%</b>	<b>\$35,231,884</b>	<b>9.12%</b>	<b>\$3,213,148</b>
7	<b>Total</b>	<b>100.00%</b>	<b>\$88,079,710</b>	<b>6.20%</b>	<b>\$5,461,647</b>
<b>Settlement Agreement</b>					
		(%)	(\$)	(%)	(\$)
	<b>Debt</b>				
1	Long-term Debt	56.00%	\$49,831,263	4.14%	\$2,063,014
2	Short-term Debt	4.00%	\$3,559,376	2.07%	\$73,679
3	<b>Total Debt</b>	<b>60.00%</b>	<b>\$53,390,639</b>	<b>4.00%</b>	<b>\$2,136,693</b>
	<b>Equity</b>				
4	Common Equity	40.00%	\$35,593,760	8.98%	\$3,196,320
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	<b>Total Equity</b>	<b>40.00%</b>	<b>\$35,593,760</b>	<b>8.98%</b>	<b>\$3,196,320</b>
7	<b>Total</b>	<b>100.00%</b>	<b>\$88,984,399</b>	<b>5.99%</b>	<b>\$5,333,013</b>
<b>Per Board Decision</b>					
		(%)	(\$)	(%)	(\$)
	<b>Debt</b>				
8	Long-term Debt	56.00%	\$49,831,263	4.14%	\$2,063,014
9	Short-term Debt	4.00%	\$3,559,376	2.07%	\$73,679
10	<b>Total Debt</b>	<b>60.00%</b>	<b>\$53,390,639</b>	<b>4.00%</b>	<b>\$2,136,693</b>
	<b>Equity</b>				
11	Common Equity	40.00%	\$35,593,760	8.98%	\$3,196,320
12	Preferred Shares	0.00%	\$ -	0.00%	\$ -
13	<b>Total Equity</b>	<b>40.00%</b>	<b>\$35,593,760</b>	<b>8.98%</b>	<b>\$3,196,320</b>
14	<b>Total</b>	<b>100.00%</b>	<b>\$88,984,399</b>	<b>5.99%</b>	<b>\$5,333,013</b>

### Notes

(1) Data in column E is for Application as originally filed. For updated revenue requirement as a result of interrogatory responses, technical or settlement conferences, etc., use column M and Adjustments in column I



# Revenue Requirement Workform

## Revenue Deficiency/Sufficiency

Line No.	Particulars	Initial Application		Settlement Agreement		Per Board Decision	
		At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates
1	Revenue Deficiency from Below		\$844,288		(\$488,067)		(\$488,067)
2	Distribution Revenue	\$22,710,472	\$22,710,473	\$22,742,171	\$22,742,173	\$22,742,171	\$22,742,173
3	Other Operating Revenue	\$1,550,028	\$1,550,028	\$1,696,775	\$1,696,775	\$1,696,775	\$1,696,775
	Offsets - net						
4	<b>Total Revenue</b>	<b>\$24,260,500</b>	<b>\$25,104,788</b>	<b>\$24,438,946</b>	<b>\$23,950,880</b>	<b>\$24,438,946</b>	<b>\$23,950,880</b>
5	Operating Expenses	\$19,441,482	\$19,441,482	\$18,150,434	\$18,150,434	\$18,150,434	\$18,150,434
6	Deemed Interest Expense	\$2,248,499	\$2,248,499	\$2,136,693	\$2,136,693	\$2,136,693	\$2,136,693
7		\$ - (2)	\$ -	\$ - (2)	\$ -	\$ - (2)	\$ -
	Adjustment to Return on Rate Base associated with Deferred PP&E balance as a result of transition from CGAAP to MIFRS						
8	<b>Total Cost and Expenses</b>	<b>\$21,689,981</b>	<b>\$21,689,981</b>	<b>\$20,287,128</b>	<b>\$20,287,128</b>	<b>\$20,287,128</b>	<b>\$20,287,128</b>
9	<b>Utility Income Before Income Taxes</b>	<b>\$2,570,520</b>	<b>\$3,414,808</b>	<b>\$4,151,818</b>	<b>\$3,663,752</b>	<b>\$4,151,818</b>	<b>\$3,663,752</b>
10	Tax Adjustments to Accounting Income per 2013 PILs model	(\$2,485,166)	(\$2,485,166)	(\$1,673,848)	(\$1,673,848)	(\$1,673,848)	(\$1,673,848)
11	<b>Taxable Income</b>	<b>\$85,354</b>	<b>\$929,642</b>	<b>\$2,477,970</b>	<b>\$1,989,904</b>	<b>\$2,477,970</b>	<b>\$1,989,904</b>
12	Income Tax Rate	21.69%	21.69%	24.20%	24.20%	24.20%	24.20%
13	<b>Income Tax on Taxable Income</b>	<b>\$18,515</b>	<b>\$201,660</b>	<b>\$599,696</b>	<b>\$481,579</b>	<b>\$599,696</b>	<b>\$481,579</b>
14	<b>Income Tax Credits</b>	<b>\$ -</b>	<b>\$ -</b>	<b>(\$14,147)</b>	<b>(\$14,147)</b>	<b>(\$14,147)</b>	<b>(\$14,147)</b>
15	<b>Utility Net Income</b>	<b>\$2,552,005</b>	<b>\$3,213,148</b>	<b>\$3,566,269</b>	<b>\$3,196,321</b>	<b>\$3,566,269</b>	<b>\$3,196,321</b>
16	<b>Utility Rate Base</b>	<b>\$88,079,710</b>	<b>\$88,079,710</b>	<b>\$88,984,399</b>	<b>\$88,984,399</b>	<b>\$88,984,399</b>	<b>\$88,984,399</b>
17	Deemed Equity Portion of Rate Base	\$35,231,884	\$35,231,884	\$35,593,760	\$35,593,760	\$35,593,760	\$35,593,760
18	Income/(Equity Portion of Rate Base)	7.24%	9.12%	10.02%	8.98%	10.02%	8.98%
19	Target Return - Equity on Rate Base	9.12%	9.12%	8.98%	8.98%	8.98%	8.98%
20	Deficiency/Sufficiency in Return on Equity	-1.88%	0.00%	1.04%	0.00%	1.04%	0.00%
21	Indicated Rate of Return	5.45%	6.20%	6.41%	5.99%	6.41%	5.99%
22	Requested Rate of Return on Rate Base	6.20%	6.20%	5.99%	5.99%	5.99%	5.99%
23	Deficiency/Sufficiency in Rate of Return	-0.75%	0.00%	0.42%	0.00%	0.42%	0.00%
24	Target Return on Equity	\$3,213,148	\$3,213,148	\$3,196,320	\$3,196,320	\$3,196,320	\$3,196,320
25	Revenue Deficiency/(Sufficiency)	\$661,143	\$1	(\$369,950)	\$1	(\$369,950)	\$1
26	<b>Gross Revenue Deficiency/(Sufficiency)</b>	<b>\$844,288 (1)</b>		<b>(\$488,067) (1)</b>		<b>(\$488,067) (1)</b>	

### Notes:

- (1) Revenue Deficiency/Sufficiency divided by (1 - Tax Rate)  
 (2) Treated as an adjustment pre-tax to avoid an impact on taxes/PILs and hence on revenue sufficiency deficiency



# Revenue Requirement Workform

## Revenue Requirement

Line No.	Particulars	Application	Settlement Agreement	Per Board Decision
1	OM&A Expenses	\$15,564,617	\$14,189,617	\$14,189,617
2	Amortization/Depreciation	\$3,876,864	\$3,960,817	\$3,960,817
3	Property Taxes	\$ -		
5	Income Taxes (Grossed up)	\$201,660	\$467,431	\$467,431
6	Other Expenses	\$ -		
7	Return			
	Deemed Interest Expense	\$2,248,499	\$2,136,693	\$2,136,693
	Return on Deemed Equity	\$3,213,148	\$3,196,320	\$3,196,320
	Adjustment to Return on Rate Base associated with Deferred PP&E balance as a result of transition from CGAAP to MIFRS	\$ -	\$ -	\$ -
8	<b>Service Revenue Requirement (before Revenues)</b>	<u>\$25,104,788</u>	<u>\$23,950,879</u>	<u>\$23,950,879</u>
9	Revenue Offsets	\$1,550,028	\$1,696,775	\$ -
10	<b>Base Revenue Requirement (excluding Tranformer Owership Allowance credit adjustment)</b>	<u>\$23,554,760</u>	<u>\$22,254,104</u>	<u>\$23,950,879</u>
11	Distribution revenue	\$23,554,760	\$22,254,105	\$22,254,105
12	Other revenue	\$1,550,028	\$1,696,775	\$1,696,775
13	<b>Total revenue</b>	<u>\$25,104,788</u>	<u>\$23,950,880</u>	<u>\$23,950,880</u>
14	<b>Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)</b>	<u>\$1 (1)</u>	<u>\$1 (1)</u>	<u>\$1 (1)</u>

### Notes

(1) Line 11 - Line 8

**Appendix M  
Throughput Revenue**

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		42,512.00	42,512.00	402,126,214		\$ 15.79	\$ 0.0121		\$ 12,936,375.01	\$ 12,936,375		\$ 12,936,375	\$ -
GS < 50 kW	Customers		4,061.00	4,061.00	142,890,815		\$ 21.09	\$ 0.0182		\$ 3,628,368.18	\$ 3,628,368		\$ 3,628,368	\$ -
GS > 50 to 4,999 kW	Customers		531.00	531.00	388,576,753	969,035	\$ 160.96		\$ 4.1821	\$ 5,078,263.37	\$ 4,948,063	\$ 130,200	\$ 5,078,263	\$ -
Large Use				-						\$ -			\$ -	\$ -
Streetlighting	Connections		9,578.00	9,578.00	8,016,815	22,580	\$ 5.25		\$ 2.5766	\$ 661,594.45	\$ 661,594		\$ 661,594	\$ -
Sentinel Lighting	Connections		436.00	436.00	462,466	1,285	\$ 3.84	\$ -	\$ 12.3008	\$ 35,920.61	\$ 35,921		\$ 35,921	\$ -
Unmetered Scattered Load	Connections		345.00	345.00	1,443,337		\$ 6.90	\$ 0.0105		\$ 43,783.67	\$ 43,784		\$ 43,784	\$ -
Standby Power				-						\$ -			\$ -	\$ -
Embedded Distributor Class				-						\$ -			\$ -	\$ -
etc.				-						\$ -			\$ -	\$ -
				-						\$ -			\$ -	\$ -
				-						\$ -			\$ -	\$ -
				-						\$ -			\$ -	\$ -
				-						\$ -			\$ -	\$ -
<b>Total</b>										\$ 22,384,305.29	\$ 22,254,105	\$ 130,200	\$ 22,384,305	\$ -

**Note**

1 The class specific revenue requirements in column N must be the amounts used in the final rate design process. The total of column N should equate to the proposed base revenue requirement