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September 9, 2013

Board Secretary
Ontario Energy Board
PO Box 2319
27th Floor 2300 Yonge Street
Toronto ON M4P 1E4

Attn: Kirsten Walli

RE: Collus PowerStream Corp. (License ED-2002-0518)
2013 Electricity Distribution Rates Application EB-2012-0116
Responses for Technical Conference Undertakings

Please find enclosed Collus PowerStream's responses to the undertakings given at the Technical Conference held on September 3, 2013. These responses, in PDF format, have been filed through the Board's Regulatory Electronic Submission System (RESS). The following updated Excel files have also been submitted on RESS: Revenue Requirement Work Form and Chapter 2 Appendices: 2-P and 2-V. Paper copies of the responses are being delivered to the Board.

Collus PowerStream's request for confidential treatment of its response to Undertaking JT1.11 is set out below.

Collus PowerStream also wishes to draw one other matter to the Board's attention. At page 25 of the Transcript of the Technical Conference, at lines 2-17, you will see the following exchange:

> MR. AIKEN: Okay. Enough of smart meters.
>
> A couple of quick other questions, I think. In 1 Energy Probe 5 the answer indicated that Collus PowerStream is proposing to recover the entire deficiency over the remainder of the rate year.
>
> My question for you, are your current rates -- have your current rates been declared interim rates? And if so, when did the Board declare them as interim rates?
>
> MR. McALLISTER: I'm not aware, but I don't think they've been declared interim rates. We've just carried on.
>
> MR. AIKEN: Okay.
>
> MS. HELT: Yes, I can confirm from Staff's view that the rates aren't interim.
>
> MR. AIKEN: Yes, I couldn't see anything myself, but that doesn't mean it wasn't out there.

Collus PowerStream wishes to clarify this matter for the Board. In Exhibit 1, Tab 1, Schedule 4 of its Application (at page 3, line 9 ff), .one of the approvals requested by Collus PowerStream was the following:

- In the event the OEB is unable to provide a Decision and Order on the Application for implementation of rates by Collus PowerStream as of September 1, 2013, Collus PowerStream requests the OEB issue an Interim Order approving the current distribution rates and other charges, effective September 1, 2013.

To date, Collus PowerStream has not received confirmation from the Board that its current rates are interim as of September 1, 2013. , Collus PowerStream respectfully requests that the Board issue an order declaring the current rates to be interim as of September 1, 2013.

With respect to Undertaking JT1.11 (to provide forms of contracts between Collus PowerStream and CHEC and between Collus PowerStream and UCS), Collus PowerStream notes that both CHEC and UCS are entities that are engaged in competitive businesses. The disclosure of the terms of the CHEC and UCS Agreements could reasonably be expected to prejudice the economic interests of, significantly prejudice the competitive position of, cause undue financial loss to, and be injurious to the financial interests of CHEC and UCS since it would enable their competitors to ascertain the scope and pricing of services provided by CHEC and UCS. It may also be reasonably expected to adversely affect Collus PowerStream's ability to obtain competitive pricing for these services in the future.

The OEB's *Practice Direction on Confidential Filings* (the "Practice Direction") recognizes that these are among the factors that the Board will take into consideration when addressing the confidentiality of filings. They are also addressed in section 17(1) of the *Freedom of Information and Protection of Privacy Act* ("FIPPA"), and the Practice Direction notes (at Appendix B of the Practice Direction) that third party information as described in subsection 17(1) of FIPPA is among the types of information previously assessed or maintained by the Board as confidential. Collus PowerStream has requested CHEC's and UCS's consent to the placement of the respective agreements on the public record. CHEC has requested that their respective documents be kept in confidence. The response from UCS is outstanding.

Accordingly, Collus PowerStream requests that the CHEC and UCS Agreements be kept confidential. Collus PowerStream is prepared to provide copies of the CHEC and UCS Agreements to parties' counsel and experts or consultants provided that they have executed the OEB's form of Declaration and Undertaking with respect to confidentiality and that they comply with the Practice Direction, subject to Collus PowerStream's right to object to the Board's acceptance of a Declaration and Undertaking from any person. In keeping with the requirements of the Practice Direction, Collus PowerStream is filing confidential unredacted versions of the CHEC and UCS Agreements. The unredacted versions of the documents have been placed in a sealed envelope marked "Confidential".

If you have any questions please do not hesitate to contact the undersigned at gmcallister@collus.com or (705)445-1800 ext 2274.

Yours truly,

Original signed by Glen McAllister

Glen McAllister, B.Sc., CMA
Manager, Billing & Regulatory
Collus PowerStream

UNDERTAKING NO. JT1.1: to PROVIDE A BETTER ESTIMATE OF CDM BY USING BILLING BY KW/H RATHER THAN KW

Response:

In response to 3.0-VECC TCQ-49 and Exhibit 3, Tab 1, Schedule 5, page 2, LRAMVA impact of GS>50 kW using kWh/kW demand ratio as identified in interrogatory 3.0-VECC-16.

Using kWh to kW percentage breakdown to calculate LRAMVA kW for 2011 and 2012		
	2011	**2012**
kWh to billed kW demand ratio (excluding AGP)	0.002793	0.002959
Total kWh savings per OPA	343730	657,951
Calculated kW savings using kWh/kW calculation	960.04	1946.88
LRAMVA $	2,410	4,886
Total kW savings original filed LRAMVA calculation	60.45	161.5
LRAMVA $	152	405
Increase(reduction) in LRAMVA	2,258	4,481

Collus PowerStream has also provided the OPA's 2012 verified results report. In regards to the OPA adjusting prior year's savings, on page 5 of the report there is a line titled "Adjustment to Previous Year's Verified Results". In 2012 the OPA made an adjustment reducing the 2012 results by 86,828 kWh and 14 kW, cumulative 347,311 kWh and 14 kW, for program changes affecting 2011 verified results.

UNDERTAKING NO. JT1.2: TO PROVIDE A RESPONSE TO VECC TECHNICAL CONFERENCE QUESTION 43

2-VECC TCQ- 43

Reference 4.0-VECC-32

a) The correct reference is Exhibit 4, Tab 4, Schedule 5, page 3 Table 1 (also shown as Appendix K in Excel filing "COLLUS_2013_Filing_Requirements-_Chapter2_Appendices_Revised_20 130606". These tables show 2009 actual total FTEs in 2009 as 18.08 and the forecast 2013 total as 22.92 for a difference of 4.84)

Please provide a list of each of the positions for the 4.84 FTEs that have been added from 2009 actuals. Please provide the total amount of salary and benefits related to these FTEs.

b) Please explain how the statement made at 4-Staff-25b:

> Over the last five years only one entry level Customer Service Representative was hired and one operations support person to assist the Superintendent. All other positions in this category have remained the same.

is consistent with Appendix K which shows actual 18.08 FTEs in 2009 and 22.92 in 2013.

Response:

a) There was an error in the number of FTE listed for union employees on the compensation table.

The new positions since 2009 are:
1) Administrative Assistant for the Superintendent (100% Power)
2) CSR – Customer relations and collections (Shared Solutions Employee – 60% Power)

An updated Appendix 2-K has been attached.

b) After submission of the revised compensation table, the actual FTEs in 2009 are 19.83 and in 2013 are 23.42. This is a difference of 3.59. The difference relates to the new employees described in part a) plus some change to the splits for Solutions employees based on actual work being performed and projects assigned.

UNDERTAKING NO. JT1.3: TO PROVIDE A RESPONSE TO VECC TECHNICAL CONFERENCE QUESTION 54

8.0-VECC TCQ - 54
Subject: Existing Fixed-Variable Split
Reference: Staff #29 a)

a) The volumes by customer class presented in the response do not match those in Exhibit 3. Please reconcile and provide a revised calculation of the existing fixed-variable split for each customer class and update Table 1 (Exhibit 8, Tab 1, Schedule 2).

b) What impact, if any, do these revisions have on the proposed 2013 monthly service charges and volumetric rates as set out in Exhibit 8, Tab 1, Schedule 2, Tables 2 & 3 of the Application?

Response:

a) The Collus PowerStream rate model (``PS Model``) is based on the Board`s 2006 EDR rate model (``Board Model``). Similar to the Board Model, the PS Model calculates a five year normalized average consumption (`NAC`) per customer, in this case 2009 to 2013, for each customer class. The NAC is multiplied by the 2013 customer count to determine the volumes for the class revenue allocation calculation. Current approved rates are then applied to the above averaged volumes and 2013 customer account to arrive at the calculated revenues used to determine the rate class revenue allocation.

Revenue at current approved rates, for purposes of the revenue sufficiency or deficiency is based on applying current approved rates to the 2013 Test Year customer count and volumes. The 2013 Test Year volumes are derived from the load forecast which is based on normal weather (i.e. weather normalized).

b) Collus PowerStream`s methodology is consistent with the Board`s 2006 EDR methodology. Collus PowerStream does not propose nor has it made any changes based on the response to this undertaking. The following is presented for information only. Table JT1.3-1 below calculates revenue at current rates using the 2013 Test Year billing determinants (as updated in these undertakings).

Table JT1.3-1: Class Revenue Share based on Current Rates and 2013 Billing Determinants

	2013 Test Year Forecast			Current Rates				
Class	Customer count	kWhs	kWs	Fixed Rate	Variable Rate	Fixed Revenue	Variable Revenue	Total Revenue
Residential	*14,233*	117,779,743		$ 9.00	$ 0.0170	$ 1,537,164	$ 2,002,256	$ 3,539,420
GS<50	*1,717*	47,112,035		$ 17.98	$ 0.0113	$ 370,460	$ 532,366	$ 902,826
GS>50	*114*	116,243,881	337,058	$ 114.02	$ 2.6400	$ 155,979	$ 889,833	$ 1,045,812
USL	*30*	402,970		$ -	$ 0.0177	$ -	$ 7,133	$ 7,133
Street Lighting	*3,045*	2,161,931	6,228	$ 3.14	$ 14.0054	$ 114,736	$ 87,226	$ 201,961
Total	*19,139*	283,700,560	343,286			$ 2,178,339	$ 3,518,813	$ 5,697,152

Table JT1.3-2: Class Revenue Allocation based on Table JT1.3-1 vs. Filed

Class	Revenue allocation - 2013 Determinants	Revenue allocation - Averaged Determinants as filed
Residential	62.1%	61.9%
GS<50	15.8%	15.8%
GS>50	18.4%	18.7%
USL	0.1%	0.1%
Street Lighting	3.5%	3.5%
Total	100.0%	100.0%

Table JT1.3-3: Fixed –Variable Revenue Split from Table JT1.3-1

Class	Calculated Fixed Split	Calculated Variable Split	Total
Residential	43.4%	56.6%	100.0%
GS<50	41.0%	59.0%	100.0%
GS>50	14.9%	85.1%	100.0%
USL	0.0%	100.0%	100.0%
Street Lighting	56.8%	43.2%	100.0%
Total			

UNDERTAKING NO. JT1.4: TO PROVIDE A REVISED TABLE TO ENERGY PROBE TECHNICAL CONFERENCE QUESTION 49(S), PART C, TO SHOW ACTUALS, HISTORICALS, AND ADJUSTMENT FOR THE BANKRUPT CUSTOMER; AND TO RECONCILE THIS TABLE WITH TABLE 14 AT EXHIBIT 3, TAB 1, SCHEDULE 3.

Response:

The data provided in Exhibit 3, Tab 1, Schedule 3, Table 14 refers to the GS>50 customer growth rate year over. In regards to the information provided in 3-Energy Probe-49s c) it should be noted that in October 2009, Collus PowerStream's had a customer drop out of the large user category and become a GS>50 customer which contributes to the increase in billed kW in 2010 despite the decrease in customer growth.

Table JT1.4-1: Customer Shift from Large Use to GS.50 Billable kW Demand

	Large User	GS>50
2008	73,105	
2009	45,149	7,256
2010		44,208
2011		44,137
2012		45,328

A review of the customer count data for 2009 shows the average GS>50 customer count at December 2009 was 111 while January 2010 shows 119. The correct customer count for December 2009 should be 119. Table JT1.4-2 below shows the adjusted GS>50 customer growth rate.

Table JT1.4-2: Correction to Customer Count – Revised Growth Percentages

Year	GS>50 customer growth (%) before adjustment	GS>50 customer growth (%) after adjustment
2007	-1.63%	-1.63%
2008	2.48%	2.48%
2009	-10.48%	-4.03%
2010	1.80%	-5.04%
2011	3.54%	3.54%
2012	0.00%	0.00%

Table JT1.4-3 below shows the gross billed kW and net billed kW with removal of the bankrupt customer for the GS.50 kW class.

Table JT1.4-3: GS.50 kW Class Adjustment re Bankrupt Customer

Year	GS>50 Billed kW	AGP	Net Billed kW
2008	288,261	51,441	236,820
2009	295,894	54,806	241,088
2010	396,534	57,338	339,196
2011	371,483	52,518	318,965
2012	378,911	36,052	342,859

A review of the street lighting records shows that in 2010, in conjunction with a major renovation of Collingwood’s main street, there was the removal of approximately 161 tree lights and the addition of approximately 67 new street lights for a net reduction of 94 lights. With the removal of the 161 tree lights monthly kW reduction was 5.796 kW and the addition of the 67 new street lights was an increase of 9.272 kW.

The street light customer growth percentages presented in Table 14 as filed are correct.

UNDERTAKING NO. JT1.5: TO CHECK THE NUMBERS IN EXHIBIT 3, TAB 2, SCHEDULE 3, TABLE 2, EXISTING REVENUE NUMBER, AND COMPARE THAT WITH THE REVENUE-REQUIREMENT WORK FORM DATA-INPUT SHEET AND TO PROVIDE AN EXPLANATION FOR WHY THE NUMBER IN THE RWF IS $120,000 LOWER THAN WHAT IS REFLECTED IN THE PREVIOUSLY MENTIONED EXHIBIT.

Response:

Collus PowerStream has reconciled Distribution Revenue at current rates per the Revenue Requirement Work Form (RRWF) of $5,581,495 to Exhibit 3, Tab 2, Schedule 3, Table 2 where the amount is shown as $5,701,495, a difference of $120,000. Table 2 is distribution revenue at current rates before the reduction from the Transformer Ownership Allowance which is forecasted as $120,000 for 2013.

The RRWF contains the correct net distribution revenue of $5,581,495.

UNDERTAKING NO. JT1.6: TO PROVIDE AN UPDATED RRWF AND PROVIDE AN UPDATED COST ALLOCATION MODEL AND TRACKING SHEET

Response:

Collus PowerStream has updated its Application based on new information and changes identified in the interrogatory and technical conference phases of this proceeding. The impact of the update is a reduction in revenue requirement of $22,331 which is summarized in Table JT1.6-1 below:

Table JT1.6-1: Impact of Update

Description	Update Sep 9, 2013	Filed May 24, 2013	Change	Notes
Rate Base:				
Net Fixed Assets	$ 15,699,377	$ 15,699,377	$ -	
Working Capital Allowance	$ 4,468,434	$ 4,553,721	$ (85,287)	1
Total Rate base	$ 20,167,811	$ 20,253,098	$ (85,287)	
Revenue Requirement:				
Return on Rate Base	$ 1,198,315	$ 1,203,382	$ (5,067)	2
OM&A	$ 4,755,160	$ 4,755,160	$ -	
Depreciation & Amortization	$ 918,979	$ 918,979	$ -	
Depreciation - derecognition	$ 30,000	$ 30,000	$ -	
Income Taxes	$ 71,417	$ 73,876	$ (2,459)	3
Service Revenue Requirement	$ 6,973,871	$ 6,981,397	$ (7,526)	
Revenue Offsets	$ (480,405)	$ (465,600)	$ (14,805)	4
Base Revenue Requirement	$ 6,493,466	$ 6,515,797	$ (22,331)	

Notes:

1) Change in working capital and working capital allowance as a result of a reduction in the cost of power of $656,050 from $30,273,460 to $29,617,410 (reference: 8.0-Staff-31).

2) Return on rate base is a function solely of the reduction in rate base noted above.

3) The reduction in income taxes is due to the reduction in target net income of $3,063 resulting from the decrease in rate base and the reduction in taxable income as a result of the lower reserve for future employee benefits (reference: 4.0-Staff-26).

4) The change in revenue offsets is summarized in Table JT1.6-2 below.

Table JT1.6-2: Changes in Revenue Offsets

Description	Increase (decrease)	Reference
Miscellaneous service revenues	$ (40,000)	3.0-VECC TCQ-50 b
SSS Admin charge	$ 48,000	3.0-VECC TCQ-50 a
Gain on disposal	$ 4,600	3-EP-22 g
MicroFIT revenues	$ 2,205	3-EP-22 h
Total	$ 14,805	

The updated proposed tariff sheet is attached as Appendix A.

The updated Bill Impacts are attached as Appendix B

The updated RRWF is attached as Appendix C.

The updated cost allocation model results are attached as Appendix D.

The updated PILs model is attached as Appendix E.

Updated Board models are being filed on RESS.

Other changes were made that do not appear in Table JT1.6-1 above but are reflected in the proposed rates:

- The Unmetered Scattered Load class monthly service charge has been adjusted to the minimum as per the updated cost allocation model with a corresponding reduction in the variable rate.
- Customer forecasts and load forecast are updated including CDM forecast as per undertakings JT1.7 and JT1.16.
- Stranded meter rate riders have been updated as per the response to undertaking JT1.14.

UNDERTAKING NO. JT1.7: TO PROVIDE AND UPDATED EXHIBIT 3, TAB 2, SCHEDULE 3, TABLE 2, BASED ON UPDATED FORECAST.

Response:

Table JT1.7-1 below contains the updated revenue at current rates for 2013 based on the updated forecast.

Table JT1.7-1: Distribution Revenue

Rate Class	Board Approved 2009 $	Actual 2009 $	Actual Normalized 2009 $	Actual 2010 $	Actual Normalized 2010 $	Actual 2011 $	Actual Normalized 2011 $	Forecast 2012 $	Actual Normalized 2012 $	Forecast 2013 $
Residential	$3,767,847	$3,520,269	$,499,491	$3,630,496	$,588,195	$,518,034	$,488,131	$,516,969	$3,456,981	$,541,319
GS Less Than 50 kW	$ 887,276	$ 842,702	$ 862,389	$ 879,894	$ 870,622	$ 883,935	$ 879,804	$ 903,226	$ 888,710	$ 902,862
GS 50 to 4,999 kW	$ 787,793	$ 587,408	$ 587,408	$ 989,936	$ 989,936	$1,082,597	$1,082,597	$1,157,086	$1,157,086	$1,049,917
Unmetered Scattered Load	$ 8,020	$ 6,718	$ 9,489	$ 8,411	$ 7,722	$ 6,934	$ 6,337	$ 7,464	$ 6,759	$ 7,133
Street Lighting	$ 120,851	$ 92,300	$ 92,300	$ 144,133	$ 144,133	$ 183,324	$ 183,324	$ 199,438	$ 199,438	$ 201,955
TOTAL	$5,571,787	$5,049,398	$5,051,077	$5,652,869	$5,600,607	$5,674,824	$5,640,193	$5,784,183	$5,708,974	$5,703,185

Note: the above amounts are before deduction of the transformer ownership allowance.

The updated 2013 Test Year forecast of distribution revenue at current rates is derived from the updated customer number forecast and load forecast discussed below.

<u>Customer count:</u>

- Updated historic data up to August 2013 and projected forward using a 5-year average growth pattern.

Table JT1.7-2: 2013 – Customer Count

	Res	GS<50	GS>50	USL	SL	Total
Jan	14,168	1,705	117	30	3,026	**19,046**
Feb	14,182	1,707	117	30	3,030	**19,066**
Mar	14,191	1,710	117	30	3,033	**19,081**
Apr	14,200	1,712	117	30	3,036	**19,095**
May	14,216	1,714	117	30	3,040	**19,117**
Jun	14,223	1,716	117	30	3,043	**19,129**
Jul	14,244	1,718	117	30	3,047	**19,156**
Aug	14,258	1,720	117	30	3,050	**19,175**
Sep	14,287	1,723	117	30	3,053	**19,210**
Oct	14,317	1,725	117	30	3,057	**19,246**
Nov	14,346	1,727	117	30	3,060	**19,280**
Dec	14,375	1,729	117	30	3,063	**19,314**
Average	**14,251**	**1,717**	**117**	**30**	**3,045**	**19,160**

Load Forecast:

- Updated model input data (i.e. energy purchases, HDD, CDD, customer count) with year-to-date (YTD) actuals;

- Updated CDM offset as per JT1.16 utilizing a half-year rule.

Table JT1.7-3: 2013 – Consumption, kWh

	Res	GS<50	GS>50	USL	SL	Total
Jan	13,223,683	4,593,573	10,857,366	32,368	259,736	**28,966,725**
Feb	12,050,883	4,101,391	9,763,827	32,263	179,035	**26,127,399**
Mar	12,266,366	4,315,190	9,272,256	35,008	188,556	**26,077,376**
Apr	9,742,533	3,708,916	8,772,608	30,323	137,511	**22,391,891**
May	8,686,751	3,361,301	8,766,679	35,312	135,503	**20,985,546**
Jun	7,421,764	3,550,646	9,881,516	33,219	136,080	**21,023,223**
Jul	8,306,843	3,771,342	10,095,706	31,488	132,022	**22,337,402**
Aug	9,319,398	3,899,259	9,309,011	33,342	144,108	**22,705,119**
Sep	7,719,368	3,652,570	8,981,106	29,695	170,080	**20,552,819**
Oct	8,558,529	3,799,384	9,377,824	36,033	191,980	**21,963,749**
Nov	8,801,853	3,703,824	10,288,053	37,227	225,799	**23,056,756**
Dec	11,681,772	4,654,640	10,877,928	36,692	261,522	**27,512,554**
Total	**117,779,743**	**47,112,035**	**116,243,881**	**402,970**	**2,161,931**	**283,700,560**

The kWh load forecast was converted to billable kW, as shown in Table JT1.7-4 below, based on historical ratios.

Table JT1.7-4: 2013 – Load, kW

	Res	GS<50	GS>50	USL	SL	Total
Jan			31,482		519	**32,001**
Feb			28,311		519	**28,830**
Mar			26,886		519	**27,405**
Apr			25,437		519	**25,956**
May			25,420		519	**25,939**
Jun			28,652		519	**29,171**
Jul			29,273		519	**29,792**
Aug			26,992		519	**27,511**
Sep			26,041		519	**26,560**
Oct			27,192		519	**27,711**
Nov			29,831		519	**30,350**
Dec			31,541		519	**32,060**
Total			**337,058**		**6,228**	**343,286**

UNDERTAKING NO. JT1.8: to UPDATE WITH RESPECT TO AMOUNTS SPENT UNTIL 31 AUGUST

Response:

Capital spending to August 31, 2013 is attached as Appendix F.

UNDERTAKING NO. JT1.9: To provide the survey at 4 SEC 13 in another format

Response:

The 2013 Utility Pulse Survey is being uploaded separately to RESS. .

UNDERTAKING NO. JT1.10: to PROVIDE 2010 version of UTILITYPULSE SURVEY found at exhibit 4, tab 2, schedule 1, page 1.

Response:

The 2010 Utility Pulse Survey has been uploaded separately to RESS. .

UNDERTAKING NO. JT1.11: TO PROVIDE BOTH FORMS OF CONTRACTS, BEING CHEC AND UCS.

Response:

The requested contracts are being filed separately in confidence under the OEB's *Practice Direction on Confidential Filings.*

UNDERTAKING NO. JT1.12: to SEPARATE OM&A COSTS FOR RECOVERY BETWEEN FIT AND MICROFIT CONNECTIONS, IN REFERENCE TO 2 STAFF 10 IN THE INTERROGATORY RESPONSES; to explain why COLLUS didn't apply for a distributor-specific microFIT charge as directed in the Board's letter of September 20, 2012

Response:

	2010	**2011**
Account 1532	25768.04	28083.14
Standard distrbution*	40	36
Wage rate	32.02	34.45
Bi-weekly	1280.8	1240.2
Monthly	2561.6	2480.4
MicroFIT revenue	320.25	887.25

*In 2010 and 2011, a standard distrubution, based on actual time spent, was used to allocate wages, bi-weekly, to account 1532 - Renewable Connection OM&A.

In 2010 and 2011 the MicroFIT/FIT settlement process was a manual process which our CIS system, Harris/NorthStar, could not complete. With an increse in the number of MicroFIT/FIT contracts in 2011, from 8 in 2010 to 24 in 2011, Collus PowerStream worked on simplifying and automating the process through the use of excel spreadsheets and the accumulation of data by our ODS provider. To date Harris/NorthStar still cannot complete the settlement process.

With the ODS providing the interval data required for the settlement process and the automation through the use of excel spreadsheets, the time now required to complete the settlement process has been significatnly reduced and is sufficiently covered by the MicroFIT/FIT administration charge which is why Collus PowerStream has not applied for a specific administration charge in the current cost of service application.

UNDERTAKING NO. JT1.13: to PROVIDE EXCEL FORMATS FOR APPENDICES 2P AND 2V, WITH LV CHARGES REMOVED.

Response:

The above noted chapter 2 appendices are attached as Appendix 2P and 2V.

Collus PowerStream is filing an updated Chapter 2 Appendices file on RESS that contains these schedules as well as the updated bill impact calculations.

UNDERTAKING NO. JT1.14: TO PROVIDE AN UPDATE TO 9 STAFF 33 WITH SHEET I7.1 AND SHOW THE CALCULATIONS FOR A POSSIBLE REVISED STRANDED-METER RATE RIDER, BASED ON THE CAPITAL WEIGHTED METER COST OF THE CONVENTIONAL METERS FROM THE 2007 COST ALLOCATION INFORMATIONAL FILING

Response:

In response to 9-Staff-33, using the 2006 Cost Allocation Information Filing sheet 17.1, Collus PowerStream's recalculated the allocation of smart meters between residential and GS<50. Using the allocation from the 2006 Cost Allocation Information Filing sheet 17.1 there is an increase the residential rate rider from $0.98 to $1.05 and decrease in the GS<50 rate rider from $2.94 to $2.41.

As filed - Table 9.11
Recovery of Stranded Meters

COLLUS Stranded Meters Calculation:

Capital Cost	$	1,529,891
Accumulated Depreciation to Dec. 31, 2012	-$	1,025,325
2013 Depreciation to August 31 2013	-$	35,241
Net Book Value:	**$**	**469,325**

Net Book Value Segregated by Rate Class:	**Residential**	**GS <50 kW**	**Total**
	$ 337,914	$ 131,411	**$ 469,325**
Allocated Weighting Based on approved 2012 Smart Meter filing	72%	28%	**100%**
Number of Metered Customers based on approved 2012 Smart Meter filing	14,406	1,867	**16,273**
Rate Rider to Recover Stranded Meter Costs:	**0.98**	**2.94**	
Recovery period (years):	**2**	**2**	

Revised - Table 9.11
Recovery of Stranded Meters

COLLUS Stranded Meters Calculation:

Capital Cost	$	1,529,891
Accumulated Depreciation to Dec. 31, 2012	-$	1,025,325
2013 Depreciation to August 31 2013	-$	35,241
Net Book Value:	**$**	**469,325**

Net Book Value Segregated by Rate Class:	**Residential**	**GS <50 kW**	**Total**
	$ 361,381	$ 107,945	**$ 469,325**
Allocated Weighting Based on 2006 Cost Allocation Filling sheet 17.1	77%	23%	**100%**
Number of Metered Customers based on approved 2012 Smart Meter filing	14,406	1,867	**16,273**
Rate Rider to Recover Stranded Meter Costs:	**1.05**	**2.41**	
Recovery period (years):	**2**	**2**	

UNDERTAKING NO. JT1.15: TO ADVISE HOW THE OUTLIERS WERE IDENTIFIED AND IF THERE WERE ANY CONCERNS

Response:

The following observations were marked as outliers:

Oct 2006
Nov 2006
Mar 2010
Apr 2012
Jul 2012

Differences between actual and predicted values (i.e. residuals) for these data points were considerably larger in absolute value than the others. The standardized residuals (i.e. residual divided by its standard error) for these data points were outside of +/- 2 standard deviations from the mean, which indicated that these data points were not typical of the rest of the data and they might have an influence on the estimated parameters that might not be desirable.

The first step was to investigate these data points to see if there is a reason for their unusual behavior. No evidence supporting incorrect recording of data or unusual events were found, so the second step was to re-fit the regression equation with an added “dummy” variable for each outlier. An addition of a “dummy” variable resulted in the fitting of these observations with zero error, independently of everything else, and the same coefficient estimates and predictors were obtained as if they had been excluded outright. As a result, these observations had no influence on the estimated parameters and on the predicted values for later observations.

Then, the re-fitted model outputs were compared to the model with a full set of observations in order to assess the significance of these outliers on the regression equation. Situations in which a relatively small percentage of data has a significant impact on the model are not desirable. Generally, it is considered that a regression equation is valid if it is not overly sensitive to a few observations. Based on the model comparisons shown in Table 1 it was confirmed that the effect of these outliers on the regression model was not very significant which indicated the robustness of the regression equation. This modeling specification improved the fit of the equation and the resulting forecasts showed reasonable load growth that is consistent with the historic outcome.

Table 1: Model Comparisons

	Model (Evidence)	**Model (with 93 observations)**
Adjusted R-Squared	98.70%	97.50%
MAPE, %	1.07%	1.31%
Out-of-Sample MAPE, %	1.13%	1.17%
2013 Test Energy Purchases (kWh)	315,834,571	315,099,814

UNDERTAKING NO. JT1.16: To file the OPA report; to update IRR 3 Staff 18(b); and to provide the load forecast CDM adjustment work form in Excel format.

Response:

Collus PowerStream has updated the CDM savings based on the latest OPA report. These results are summarized in Table JT1.16-1 below. CDM savings for 2013 and 2014 have been assumed to be evenly spread over the remaining two years such that the overall target will be met.

Table JT-16-1: CDM Savings (2011 – 2014 CDM Targets)

Program Year	Impact by Year (kWh)				
	2011	2012	2013 (test year)	2014	Total
2011*	820,373	820,373	820,373	733,336	3,194,455
2012*	-	962,153	962,153	962,153	2,886,459
2013**	**-**	**-**	**2,963,029**	**2,963,029**	5,926,057
2014**	**-**	**-**	**-**	**2,963,029**	2,963,029
Total CDM Savings	**820,373**	**1,782,526**	**4,745,555**	**7,621,546**	**14,970,000**

* - OPA verified results. In the 2012 verified results there was an adjustment made for results from 2011 of 86,828 kWh and 14 kW representing a total cumulative reduction of 347,311 kWh and 14 kW.

** - the proposed targets for 2013 and 2014 have not been adjusted.

Table JT1.16-2: CDM Savings Adjusted for a Half-Year Rule

Program Year	Impact by Year (kWh)				
	2011	2012	2013 (test year)	2014	Total
2011*	**410,187**	820,373	820,373	733,336	2,784,269
2012*	-	**481,077**	962,153	962,153	2,405,383
2013**	**-**	**-**	**1,481,514**	2,963,029	4,444,543
2014**	**-**	**-**	**-**	**1,481,514**	1,481,514
Total CDM Savings	**410,187**	**1,301,450**	**3,264,040**	**6,140,032**	**11,115,708**

CDM values in the Table JT1.16-2 are adjusted for a half-year rule in the first year of each program.

The resulting offset to the load forecast for 2013 Test Year was 3,264,040 kWh, which combined together with the CDM savings from prior 2011 OPA Programs of 5,589,642 accounted for a total of 8,853,682 kWhs (please refer to the Table JT1.16-3 for more details).

Table JT1.16-3: Total CDM Savings

Year	OPA Programs	3rd Tranche	Revised CDM Targets 2011-2014	Total CDM Savings	Loss Factor	Loss Factor, kWh Gross-up	CDM Savings, kWh (gross)	Monthly
2005		158,967	0	**158,967**	8.8%	14,037	173,004	14,417
2006	1,031,866	1,236,756	0	**2,268,622**	8.4%	190,111	2,458,733	204,894
2007	2,580,762	436,092	0	**3,016,854**	8.4%	252,812	3,269,666	272,472
2008	3,577,935	220,405	0	**3,798,340**	8.4%	318,301	4,116,641	343,053
2009	5,621,541	0	0	**5,621,541**	7.5%	421,616	6,043,157	503,596
2010	6,099,488	0	0	**6,099,488**	7.5%	457,462	6,556,950	546,412
2011	5,698,064	0	410,187	**6,108,251**	7.5%	458,119	6,566,369	547,197
2012	5,615,213	0	1,301,450	**6,916,663**	7.5%	518,750	7,435,412	619,618
2013	5,589,642	0	3,264,040	**8,853,682**	7.0%	619,758	9,473,440	789,453
2014	5,426,277	0	6,140,032	**11,566,309**	7.0%	809,642	12,375,951	1,031,329
			11,115,708					

Appendices

A	Proposed Rate Sheet
B	Bill Impacts
C	RRWF
D	Cost Allocation Sheets
E	Income Taxes Model
F	Capital Spending Year-to-date
G	2012 Final OPA Report
2-K	Compensation Summary
2-P	Cost Allocation
2-V	Rate Validation

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SERVICE CLASSIFICATIONS

Residential

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers.
Multi-unit residential establishments such as apartment buildings supplied through one service (bulk metered) shall be classified as general service.Further servicing details are available in the distributor's Conditions of Service.

General Service Less Than 50 kW

This classification refers to a non residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

General Service 50 to 4,999 kW

This classification refers to a non residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW, both regular and interval metered.
Further servicing details are available in the distributor's Conditions of Service.

Unmetered Scattered Load

This classification refers to an account taking electricity at 750 volts or less whose average monthly peak 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 customer will provide detailed manufacturer information/ documentation with regard to electrical demand/consumption of the proposed unmetered load. Further servicing details are available in the distributor's Conditions of Service.

Street Lighting

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, 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.

microFIT Generator

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

MONTHLY RATES AND CHARGES

Residential

Service Charge	**$**	10.08
Distribution Volumetric Rate	**$/kWh**	0.0203
Low Voltage Charge	**$/kWh**	0.0016
Rate Rider for Deferral/Variance Account disposition (2010) -- Effective until April 30, 2014	**$/kWh**	(0.0026)
Rate Rider for Deferral/Variance Account disposition (2012) -- Effective until April 30, 2014	**$/kWh**	(0.0032)
Rate Rider for Deferral/Variance Account disposition (2013) -- Effective until April 30, 2015	**$/kWh**	0.0001
Rate Rider for Global Adjustment sub-Account disposition (2013) Applicable only for non-RPP customers - Effective until April 30, 2015	**$/kWh**	0.0018
Stranded Meter Rate Rider - Effective until April 30, 2015	**$**	1.0500
Retail Transmission Rate – Network Service Rate	**$/kWh**	0.0067
Retail Transmission Rate – Line and Transformation Connection Service Rate	**$/kWh**	0.0037
Wholesale Market Service Rate	**$/kWh**	0.0044
Rural Rate Protection Charge	**$/kWh**	0.0012
Smart Meter Entity Charge	**$**	0.79
Regulated Price Plan – Administration Charge	**$**	0.25

General Service Less Than 50 kW

Service Charge	**$**	20.13
Distribution Volumetric Rate	**$/kWh**	0.0138

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Low Voltage Charge	**$/kWh**	0.0014
Rate Rider for Deferral/Variance Account disposition (2010) -- Effective until April 30, 2014	**$/kWh**	(0.0024)
Rate Rider for Deferral/Variance Account disposition (2012) -- Effective until April 30, 2014	**$/kWh**	(0.0029)
Rate Rider for Deferral/Variance Account disposition (2013) -- Effective until April 30, 2015	**$/kWh**	(0.0003)
Rate Rider for Global Adjustment sub-Account disposition (2013) Applicable only for non-RPP customers - Effective until April 30, 2015	**$/kWh**	0.0018
Stranded Meter Rate Rider - Effective until April 30, 2015	**$**	2.4100
Retail Transmission Rate – Network Service Rate	**$/kWh**	0.0062
Retail Transmission Rate – Line and Transformation Connection Service Rate	**$/kWh**	0.0031
Wholesale Market Service Rate	**$/kWh**	0.0044
Rural Rate Protection Charge	**$/kWh**	0.0012
Smart Meter Entity Charge	**$**	0.79
Regulated Price Plan – Administration Charge	**$**	0.25

General Service 50 to 4,999 kW

Service Charge	**$**	114.02
Distribution Volumetric Rate	**$/kW**	3.0898
Low Voltage Charge	**$/kW**	0.5253
Rate Rider for Deferral/Variance Account disposition (2010) -- Effective until April 30, 2014	**$/kW**	(0.9907)
Rate Rider for Deferral/Variance Account disposition (2012) -- Effective until April 30, 2014	**$/kW**	(1.1273)
Rate Rider for Deferral/Variance Account disposition (2013) -- Effective until April 30, 2015	**$/kW**	(0.2224)
Rate Rider for Global Adjustment sub-Account disposition (2012) Applicable only for non-RPP customers - Effective until April 30, 2014		0.8435
Rate Rider for Global Adjustment sub-Account disposition (2013) Applicable only for non-RPP customers - Effective until April 30, 2015	**$/kWh**	0.7715
Retail Transmission Rate – Network Service Rate	**$/kW**	2.4666
Retail Transmission Rate – Line and Transformation Connection Service Rate	**$/kW**	1.2764
Wholesale Market Service Rate	**$/kWh**	0.0044
Rural Rate Protection Charge	**$/kWh**	0.0012
Regulated Price Plan – Administration Charge	**$**	0.25

Unmetered Scattered Load

Service Charge	**$**	0.46
Distribution Volumetric Rate	**$/kWh**	0.0116
Low Voltage Charge	**$/kWh**	0.0014
Rate Rider for Deferral/Variance Account disposition (2010) -- Effective until April 30, 2014	**$/kWh**	(0.0017)
Rate Rider for Deferral/Variance Account disposition (2012) -- Effective until April 30, 2014	**$/kWh**	(0.0029)
Rate Rider for Deferral/Variance Account disposition (2013) -- Effective until April 30, 2015	**$/kWh**	(0.0002)
Retail Transmission Rate – Network Service Rate	**$/kWh**	0.0062
Retail Transmission Rate – Line and Transformation Connection Service Rate	**$/kWh**	0.0031
Wholesale Market Service Rate	**$/kWh**	0.0044
Rural Rate Protection Charge	**$/kWh**	0.0012
Regulated Price Plan – Administration Charge	**$**	0.25

Street Lighting

Service Charge (per connection)	**$**	3.52
Distribution Volumetric Rate	**$/kW**	15.1097
Low Voltage Charge	**$/kW**	0.4061
Rate Rider for Deferral/Variance Account disposition (2010) -- Effective until April 30, 2014	**$/kW**	(0.7868)
Rate Rider for Deferral/Variance Account disposition (2012) -- Effective until April 30, 2014	**$/kW**	(1.4363)
Rate Rider for Deferral/Variance Account disposition (2013) -- Effective until April 30, 2015	**$/kW**	(0.1766)
Rate Rider for Global Adjustment sub-Account disposition (2013) Applicable only for non-RPP customers - Effective until April 30, 2015	**$/kW**	0.6162
Retail Transmission Rate – Network Service Rate	**$/kW**	1.8602
Retail Transmission Rate – Line and Transformation Connection Service Rate	**$/kW**	0.9867

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Wholesale Market Service Rate	**$/kWh**	0.0044
Rural Rate Protection Charge	**$/kWh**	0.0012
Regulated Price Plan – Administration Charge	**$**	0.25

microFIT Generator

Service Charge	**$**	5.40

Allowances

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

Specific Service Charges

Customer Administration

Charge to certify cheque	**$**	15.00
Arrears certificate	**$**	15.00
Statement of account	**$**	15.00
Pulling post dated cheques	**$**	15.00
Duplicate invoices for previous billing	**$**	15.00
Account history	**$**	15.00
Credit reference/creditcheck (plus credit agency costs)	**$**	15.00
Returned cheque charge (plus bank charges)	**$**	15.00
Legal letter charge	**$**	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	**$**	15.00
Special meter reads	**$**	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	**$**	30.00

Non-Payment of Account

Late Payment - per month	**%**	1.50
Late Payment - per annum	**%**	19.56
Collection of account charge - no disconnection	**$**	20.00
Collection of account charge - no disconnection - after regular hours		165.00
Disconnect/Reconnect at meter - during regular hours	**$**	40.00
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

Service call - after regular hours	**$**	165.00
Specific Charge for Access to the Power Poles - per pole/year	**$**	22.35

LOSS FACTORS

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0710
Total Loss Factor – Secondary Metered Customer > 5,000 kW	N/A
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0603
Total Loss Factor – Primary Metered Customer > 5,000 kW	N/A

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Appendix 2-W
Bill Impacts

Customer Class: **Residential**

Consumption 800 **kWh** ◉ May 1 - October 31 ○ November 1 - April 30 (Select this radio button for applications filed after Oc

	Charge Unit	Current Board-Approved Rate ($)	Current Volume	Current Charge ($)	Proposed Rate ($)	Proposed Volume	Proposed Charge ($)	Impact $ Change	Impact % Change
Monthly Service Charge	Monthly	$ 9.00	1	$ 9.00	$ 10.08	1	$ 10.08	$ 1.08	12.00%
Stranded Meter Rate Adder	Monthly		1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0170	800	$ 13.60	$ 0.0203	800	$ 16.28	$ 2.68	19.69%
Smart Meter Disposition Rider	Monthly	$ 3.5900	1	$ 3.59		1	$ -	-$ 3.59	-100.00%
LRAM & SSM Rate Rider	per kWh		800	$ -		800	$ -	$ -	
	Monthly		800	$ -		800	$ -	$ -	
			800	$ -		800	$ -	$ -	
			800	$ -		800	$ -	$ -	
			800	$ -		800	$ -	$ -	
			800	$ -		800	$ -	$ -	
			800	$ -		800	$ -	$ -	
			800	$ -		800	$ -	$ -	
Sub-Total A				$ 26.19			$ 26.36	**$ 0.17**	**0.64%**
Deferral/Variance Account Disposition Rate Rider	per kWh	-$ 0.0058	800	-$ 4.64	-$ 0.0057	800	-$ 4.59	$ 0.05	-1.13%
Stranded Meter Rate Rider	Monthly		1	$ -	$ 1.0500	1	$ 1.05	$ 1.05	
PILs 1562 Disposition Rate Rider	per kWh		800	$ -	$ -	800	$ -	$ -	
Incremental Capital Rate Rider	per kWh		800	$ -		800	$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.0012	800	$ 0.96	$ 0.0016	800	$ 1.28	$ 0.32	33.33%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 23.30**			**$ 24.89**	**$ 1.59**	**6.82%**
RTSR - Network	per kWh	$ 0.0055	860	$ 4.73	$ 0.0067	857	$ 5.71	$ 0.98	20.68%
RTSR - Line and Transformation Connection	per kWh	$ 0.0033	860	$ 2.84	$ 0.0037	857	$ 3.18	$ 0.34	12.05%
Sub-Total C - Delivery (including Sub-Total B)				**$ 30.87**			**$ 33.78**	**$ 2.91**	**9.43%**
Wholesale Market Service Charge (WMSC)		$ 0.0044	860	$ 3.78	$ 0.0044	857	$ 3.77	-$ 0.01	-0.37%
Rural and Remote Rate Protection (RRRP)		$ 0.0012	860	$ 1.03	$ 0.0012	857	$ 1.03	-$ 0.00	-0.37%
Standard Supply Service Charge		$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0070	800	$ 5.60	$ 0.0070	800	$ 5.60	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0750	600	$ 45.00	$ 0.0750	600	$ 45.00	$ -	0.00%
Energy - RPP - Tier 2		$ 0.0880	260	$ 22.88	$ 0.0880	257	$ 22.60	-$ 0.28	-1.23%
TOU - Off Peak		$ 0.0650	550	$ 35.78	$ 0.0650	548	$ 35.64	-$ 0.13	-0.37%
TOU - Mid Peak		$ 0.1000	155	$ 15.48	$ 0.1000	154	$ 15.42	-$ 0.06	-0.37%
TOU - On Peak		$ 0.1170	155	$ 18.11	$ 0.1170	154	$ 18.04	-$ 0.07	-0.37%
Total Bill on RPP (before Taxes)				**$ 109.41**			**$ 112.02**	**$ 2.61**	**2.39%**
HST		13%		$ 14.22	13%		$ 14.56	$ 0.34	2.39%
Total Bill (including HST)				$ 123.64			$ 126.59	$ 2.95	2.39%
Ontario Clean Energy Benefit [1]				-$ 12.36			-$ 12.66	-$ 0.30	2.43%
Total Bill on RPP (including OCEB)				**$ 111.28**			**$ 113.93**	**$ 2.65**	**2.38%**
Total Bill on TOU (before Taxes)				**$ 110.90**			**$ 113.54**	**$ 2.63**	**2.38%**
HST		13%		$ 14.42	13%		$ 14.76	$ 0.34	2.38%
Total Bill (including HST)				$ 125.32			$ 128.30	$ 2.98	2.38%
Ontario Clean Energy Benefit [1]				-$ 12.53			-$ 12.83	-$ 0.30	2.39%
Total Bill on TOU (including OCEB)				**$ 112.79**			**$ 115.47**	**$ 2.68**	**2.37%**

Loss Factor (%) 7.5000% 7.10%

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

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

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

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

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Appendix 2-W
Bill Impacts

Customer Class: **General Service Less Than 50KW**

Consumptio 2000 **kWh**

	Charge Unit	Current Board-Approved Rate ($)	Current Volume	Current Charge ($)	Proposed Rate ($)	Proposed Volume	Proposed Charge ($)	Impact $ Change	Impact % Change
Monthly Service Charge	Monthly	$ 17.98	1	$ 17.98	$ 20.13	1	$ 20.13	$ 2.15	11.96%
Stranded Meter Rate Adder	Monthly		1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0113	2000	$ 22.60	$ 0.0138	2000	$ 27.60	$ 5.00	22.12%
Smart Meter Disposition Rider	Monthly	$ 7.2900	1	$ 7.29		1	$ -	-$ 7.29	-100.00%
LRAM & SSM Rate Rider	per kWh		2000	$ -		2000	$ -	$ -	
	Monthly			$ -			$ -	$ -	
				$ -			$ -	$ -	
				$ -			$ -	$ -	
				$ -			$ -	$ -	
				$ -			$ -	$ -	
				$ -			$ -	$ -	
				$ -			$ -	$ -	
Sub-Total A				$ 47.87			$ 47.73	-$ **0.14**	**-0.29%**
Deferral/Variance Account Disposition Rate Rider	per kWh	-$ 0.0053	2000	-$ 10.60	-$ 0.0056	2000	-$ 11.27	-$ 0.67	6.35%
Stranded Meter Rate Rider	Monthly		1	$ -	$ 2.4100	1	$ 2.41	$ 2.41	
PILs 1562 Disposition Rate Rider	per kWh		2000	$ -	$ -	2000	$ -	$ -	
Incremental Capital Rate Rider	per kWh		2000	$ -			$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.0011	2000	$ 2.20	$ 0.0014	2000	$ 2.80	$ 0.60	27.27%
Smart Meter Entity Charge	Monthly	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				**$ 40.26**			**$ 42.46**	**$ 2.20**	**5.46%**
RTSR - Network	per kWh	$ 0.0051	2150	$ 10.97	$ 0.0062	2142	$ 13.23	$ 2.27	20.68%
RTSR - Line and Transformation Connection	per kWh	$ 0.0028	2150	$ 6.02	$ 0.0031	2142	$ 6.75	$ 0.73	12.05%
Sub-Total C - Delivery (including Sub-Total B)				**$ 57.25**			**$ 62.43**	**$ 5.19**	**9.07%**
Wholesale Market Service Charge (WMSC)	0.0044	$ 0.0044	2150	$ 9.46	$ 0.0044	2142	$ 9.42	-$ 0.04	-0.37%
Rural and Remote Rate Protection (RRRP)	0.0012	$ 0.0012	2150	$ 2.58	$ 0.0012	2142	$ 2.57	-$ 0.01	-0.37%
Standard Supply Service Charge		$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0070	2000	$ 14.00	$ 0.0070	2000	$ 14.00	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0750	750	$ 56.25	$ 0.0750	750	$ 56.25	$ -	0.00%
Energy - RPP - Tier 2		$ 0.0880	1400	$ 123.20	$ 0.0880	1392	$ 122.50	-$ 0.70	-0.57%
TOU - Off Peak		$ 0.0650	1376	$ 89.44	$ 0.0650	1371	$ 89.11	-$ 0.33	-0.37%
TOU - Mid Peak		$ 0.1000	387	$ 38.70	$ 0.1000	386	$ 38.56	-$ 0.14	-0.37%
TOU - On Peak		$ 0.1170	387	$ 45.28	$ 0.1170	386	$ 45.11	-$ 0.17	-0.37%
Total Bill on RPP (before Taxes)				**$ 262.99**			**$ 267.43**	**$ 4.44**	**1.69%**
HST		13%		$ 34.19	13%		$ 34.77	$ 0.58	1.69%
Total Bill (including HST)				$ 297.17			$ 302.19	$ 5.02	1.69%
Ontario Clean Energy Benefit [1]				-$ 29.72			-$ 30.22	-$ 0.50	1.68%
Total Bill on RPP (including OCEB)				**$ 267.45**			**$ 271.97**	**$ 4.52**	**1.69%**
Total Bill on TOU (before Taxes)				**$ 256.95**			**$ 261.45**	**$ 4.50**	**1.75%**
HST		13%		$ 33.40	13%		$ 33.99	$ 0.58	1.75%
Total Bill (including HST)				$ 290.36			$ 295.44	$ 5.08	1.75%
Ontario Clean Energy Benefit [1]				-$ 29.04			-$ 29.54	-$ 0.50	1.72%
Total Bill on TOU (including OCEB)				**$ 261.32**			**$ 265.90**	**$ 4.58**	**1.75%**

Loss Factor (%) 7.5000% 2150 7.10%

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Appendix 2-W
Bill Impacts

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

Consumption 86000 **kWh** **Consumption** 250 **KW**

		Current Board-Approved			Proposed			Impact	
	Charge Unit	**Rate ($)**	**Volume**	**Charge ($)**	**Rate ($)**	**Volume**	**Charge ($)**	**$ Change**	**% Change**
Monthly Service Charge	Monthly	$ 114.02	1	$ 114.02	$ 114.02	1	$ 114.02	$ -	0.00%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 2.6400	250	$ 660.00	$ 3.0898	250	$ 772.45	$ 112.45	17.04%
			0	$ -		0	$ -	$ -	
LRAM & SSM Rate Rider	per kW		0	$ -		0	$ -	$ -	
			0	$ -		0	$ -	$ -	
			0	$ -		0	$ -	$ -	
			0	$ -		0	$ -	$ -	
			0	$ -		0	$ -	$ -	
			0	$ -		0	$ -	$ -	
			0	$ -		0	$ -	$ -	
			0	$ -		0	$ -	$ -	
Sub-Total A				$ 774.02			$ 886.47	**$ 112.45**	**14.53%**
Deferral/Variance Account Disposition Rate Rider	per kW	-$ 2.1180	250	-$ 529.50	-$ 2.3404	250	-$ 585.11	-$ 55.61	10.50%
PILs 1562 Disposition Rate Rider	per kW		0	$ -	$ -	0	$ -	$ -	
Incremental Capital Rate Rider	per kW		0	$ -		0	$ -	$ -	
GA Variance Account Disposition Rate Rider (Non-RPP)	per kW	$ 0.8435	250	$ 210.88	$ 1.6150	250	$ 403.75	$ 192.87	91.46%
Low Voltage Service Charge	per kW	$ 0.4442	250	$ 111.05	$ 0.5253	250	$ 131.33	$ 20.28	18.26%
Smart Meter Entity Charge	Monthly					1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 566.45**			**$ 836.43**	**$ 269.99**	**47.66%**
RTSR - Network	per kW	$ 2.0363	250	$ 509.08	$ 2.4666	250	$ 616.65	$ 107.57	21.13%
RTSR - Line and Transformation Connection	per kW	$ 1.1349	250	$ 283.73	$ 1.2764	250	$ 319.09	$ 35.37	12.47%
Sub-Total C - Delivery (including Sub-Total B)				**$ 1,359.25**			**$ 1,772.17**	**$ 412.93**	**30.38%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	92,450	$ 406.78	$ 0.0044	92,106	$ 405.27	-$ 1.51	-0.37%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0012	92,450	$ 110.94	$ 0.0012	92,106	$ 110.53	-$ 0.41	-0.37%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)	per kWh	$ 0.0070	86,000	$ 602.00	$ 0.0070	86,000	$ 602.00	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0750	750	$ 56.25	$ 0.0750	750	$ 56.25	$ -	0.00%
Energy - RPP - Tier 2		$ 0.0880	91,700	$ 8,069.60	$ 0.0880	91,356	$ 8,039.33	-$ 30.27	-0.38%
Energy - Commodity COP	per kWh	$ 0.0807	92,450	$ 7,459.79	$ 0.0807	92,106	$ 7,432.03	-$ 27.76	-0.37%
				$ -	$ 0.1000		$ -	$ -	
				$ -	$ 0.1170		$ -	$ -	
Total Bill on Commodity COP				**$ 10,605.07**			**$ 10,985.79**	**$ 380.73**	**3.59%**
HST		13%		$ 1,378.66	13%		$ 1,428.15	$ 49.49	3.59%
Total Bill (including HST)				$ 11,983.72			$ 12,413.95	$ 430.22	3.59%
Ontario Clean Energy Benefit [1]				-$ 1,198.37			-$ 1,241.39	-$ 43.02	3.59%
Total Bill on TOU (including OCEB)				**$ 10,785.35**			**$ 11,172.56**	**$ 387.20**	**3.59%**

Loss Factor (%) 7.5000% 7.10%

Appendix 2-W
Bill Impacts

Customer Class: **Unmetered Scattered Load**

Consumpti 800 **kWh**

	Charge Unit	Current Board-Approved Rate ($)	Current Board-Approved Volume	Current Board-Approved Charge ($)	Proposed Rate ($)	Proposed Volume	Proposed Charge ($)	Impact $ Change	Impact % Change
Monthly Service Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -	
Smart Meter Rate Adder			1	$ -	$ 0.4600	1	$ 0.46	$ 0.46	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0177	800	$ 14.16	$ 0.0116	800	$ 9.28	-$ 4.88	-34.46%
				$ -			$ -	$ -	
				$ -			$ -	$ -	
				$ -			$ -	$ -	
				$ -			$ -	$ -	
				$ -			$ -	$ -	
				$ -			$ -	$ -	
				$ -			$ -	$ -	
				$ -			$ -	$ -	
				$ -			$ -	$ -	
Sub-Total A				$ 14.16			$ 9.74	**-$ 4.42**	**-31.21%**
Deferral/Variance Account Disposition Rate Rider	per kWh	-$ 0.0046	800	-$ 3.68	-$ 0.0048	800	-$ 3.81	-$ 0.13	3.49%
PILs 1562 Disposition Rate Rider	per kWh		800	$ -	$ -	800	$ -	$ -	
Incremental Capital Rate Rider	per kWh		800	$ -			$ -	$ -	
				$ -			$ -	$ -	
Low Voltage Service Charge	per kWh	$ 0.0011	800	$ 0.88	$ 0.0014	800	$ 1.12	$ 0.24	27.27%
Smart Meter Entity Charge	Monthly						$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 11.36**			**$ 7.05**	**-$ 4.31**	**-37.93%**
RTSR - Network	per kWh	$ 0.0051	860	$ 4.39	$ 0.0062	857	$ 5.29	$ 0.91	20.68%
RTSR - Line and Transformation Connection	per kWh	$ 0.0028	860	$ 2.41	$ 0.0031	857	$ 2.70	$ 0.29	12.05%
Sub-Total C - Delivery (including Sub-Total B)				**$ 18.15**			**$ 15.04**	**-$ 3.11**	**-17.14%**
Wholesale Market Service Charge (WMSC)		$ 0.0044	860	$ 3.78	$ 0.0044	857	$ 3.77	-$ 0.01	-0.37%
Rural and Remote Rate Protection (RRRP)		$ 0.0012	860	$ 1.03	$ 0.0012	857	$ 1.03	-$ 0.00	-0.37%
Standard Supply Service Charge		$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)		$ 0.0070	800	$ 5.60	$ 0.0070	800	$ 5.60	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0750	750	$ 56.25	$ 0.0750	750	$ 56.25	$ -	0.00%
Energy - RPP - Tier 2		$ 0.0880	110	$ 9.68	$ 0.0880	107	$ 9.40	-$ 0.28	-2.91%
TOU - Off Peak		$ 0.0650	550	$ 35.78	$ 0.0650	548	$ 35.64	-$ 0.13	-0.37%
TOU - Mid Peak		$ 0.1000	155	$ 15.48	$ 0.1000	154	$ 15.42	-$ 0.06	-0.37%
TOU - On Peak		$ 0.1170	155	$ 18.11	$ 0.1170	154	$ 18.04	-$ 0.07	-0.37%
Total Bill on RPP (before Taxes)				**$ 94.75**			**$ 91.34**	**-$ 3.41**	**-3.60%**
HST		13%		$ 12.32	13%		$ 11.87	-$ 0.44	-3.60%
Total Bill (including HST)				$ 107.07			$ 103.21	-$ 3.85	-3.60%
Ontario Clean Energy Benefit [1]				-$ 10.71			-$ 10.32	$ 0.39	-3.64%
Total Bill on RPP (including OCEB)				**$ 96.36**			**$ 92.89**	**-$ 3.46**	**-3.60%**
Total Bill on TOU (before Taxes)				**$ 98.19**			**$ 94.80**	**-$ 3.39**	**-3.45%**
HST		13%		$ 12.76	13%		$ 12.32	-$ 0.44	-3.45%
Total Bill (including HST)				$ 110.95			$ 107.12	-$ 3.83	-3.45%
Ontario Clean Energy Benefit [1]				-$ 11.10			-$ 10.71	$ 0.39	-3.51%
Total Bill on TOU (including OCEB)				**$ 99.85**			**$ 96.41**	**-$ 3.44**	**-3.44%**

Loss Factor (%) Current: 7.5000% Proposed: 7.10%

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Appendix 2-W
Bill Impacts

Customer Class: **Streetlights**

Consumption 280 kWh **Consumption** 1 KW

	Charge Unit	Current Board-Approved Rate ($)	Current Board-Approved Volume	Current Board-Approved Charge ($)	Proposed Rate ($)	Proposed Volume	Proposed Charge ($)	Impact $ Change	Impact % Change
Monthly Service Charge	Monthly	$ 3.1400	1	$ 3.14	$ 3.52	1	$ 3.52	$ 0.38	12.10%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 14.0054	1	$ 14.01	$ 15.1097	1	$ 15.11	$ 1.10	7.88%
			1	$ -		1	$ -	$ -	
			295	$ -		295	$ -	$ -	
			1	$ -		1	$ -	$ -	
				$ -			$ -	$ -	
				$ -			$ -	$ -	
				$ -			$ -	$ -	
				$ -			$ -	$ -	
				$ -			$ -	$ -	
				$ -			$ -	$ -	
Sub-Total A				$ 17.15			$ 18.63	**$ 1.48**	**8.66%**
Deferral/Variance Account Disposition Rate Rider	per kW	-$ 2.2231	1	-$ 2.22	-$ 2.3997	1	-$ 2.40	-$ 0.18	7.94%
PILs 1562 Disposition Rate Rider	per kW		1	$ -	$ -	1	$ -	$ -	
Incremental Capital Rate Rider	per kW		1	$ -		295	$ -	$ -	
GA Rate Rider			295	$ -	$ 0.6162	1	$ 0.62	$ 0.62	
Low Voltage Service Charge	per kW	$ 0.3434	1	$ 0.34	$ 0.4061	1	$ 0.41	$ 0.06	18.26%
Smart Meter Entity Charge	Monthly					1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 15.27**			**$ 17.25**	**$ 1.99**	**13.01%**
RTSR - Network	per kW	$ 1.5357	1	$ 1.54	$ 1.8602	1	$ 1.86	$ 0.32	21.13%
RTSR - Line and Transformation Connection	per kW	$ 0.8773	1	$ 0.88	$ 0.9867	1	$ 0.99	$ 0.11	12.47%
Sub-Total C - Delivery (including Sub-Total B)				**$ 17.68**			**$ 20.10**	**$ 2.42**	**13.69%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0044	301	$ 1.32	$ 0.0044	300	$ 1.32	-$ 0.00	-0.37%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0012	301	$ 0.36	$ 0.0012	300	$ 0.36	-$ 0.00	-0.37%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)	per kWh	$ 0.0070	280	$ 1.96	$ 0.0070	280	$ 1.96	$ -	0.00%
Energy - RPP - Tier 1		$ 0.0750		$ -	$ 0.0750		$ -	$ -	
Energy - RPP - Tier 2		$ 0.0880		$ -	$ 0.0880		$ -	$ -	
Energy - Commodity COP	per kWh	$ 0.0807	301	$ 24.29	$ 0.0807	300	$ 24.20	-$ 0.09	-0.37%
				$ -			$ -	$ -	
				$ -			$ -	$ -	
Total Bill on Commodity COP				**$ 45.86**			**$ 48.19**	**$ 2.32**	**5.07%**
HST		13%		$ 5.96	13%		$ 6.26	$ 0.30	5.07%
Total Bill (including HST)				$ 51.82			$ 54.45	$ 2.63	5.07%
***Ontario Clean Energy Benefit* [1]**				-$ 5.18			-$ 5.44	-$ 0.26	5.07%
Total Bill on TOU (including OCEB)				**$ 46.64**			**$ 49.00**	**$ 2.36**	**5.07%**

Loss Factor (%) 7.5000% 7.10%

Revenue Requirement Workform

Version 3.00

Utility Name	COLLUS Power Corp.
Service Territory	
Assigned EB Number	EB-2012-0116
Name and Title	Cindy Shuttleworth, CFO
Phone Number	705-445-1800 ext 2270
Email Address	cshuttleworth@collus.com

While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.

Revenue Requirement Workform

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 [1]

		Initial Application	(2)	Adjustments	Technical Conference	(6)	Adjustments	Per Board Decision	
1	**Rate Base**								
	Gross Fixed Assets (average)	$32,024,061			$ 32,024,061			$32,024,061	
	Accumulated Depreciation (average)	($16,324,684)	(5)		($16,324,684)			($16,324,684)	
	Allowance for Working Capital:								
	Controllable Expenses	$4,755,160			$ 4,755,160			$4,755,160	
	Cost of Power	$30,273,460		($656,050)	$ 29,617,410			$29,617,410	
	Working Capital Rate (%)	13.00%	(9)		13.00%	(9)		13.00%	(9)
2	**Utility Income**								
	Operating Revenues:								
	Distribution Revenue at Current Rates	$5,581,495		$1,690	$5,583,185				
	Distribution Revenue at Proposed Rates	$6,515,797		($22,331)	$6,493,466				
	Other Revenue:								
	Specific Service Charges	$204,000		($40,000)	$164,000				
	Late Payment Charges	$84,000		$0	$84,000				
	Other Distribution Revenue	$123,600		$50,205	$173,805				
	Other Income and Deductions	$54,000		$4,600	$58,600				
	Total Revenue Offsets	$465,600	(7)	$14,805	$480,405				
	Operating Expenses:								
	OM+A Expenses	$4,755,160			$ 4,755,160			$4,755,160	
	Depreciation/Amortization	$948,979	(10)		$ 948,979			$948,979	
	Property taxes								
	Other expenses								
3	**Taxes/PILs**								
	Taxable Income:								
	Adjustments required to arrive at taxable income	($324,750)	(3)		($335,090)				
	Utility Income Taxes and Rates:								
	Income taxes (not grossed up)	$62,425			$60,347				
	Income taxes (grossed up)	$73,876			$71,417				
	Federal tax (%)	4.50%			4.50%				
	Provincial tax (%)	11.00%			11.00%				
	Income Tax Credits	$ -			$ -				
4	**Capitalization/Cost of Capital**								
	Capital Structure:								
	Long-term debt Capitalization Ratio (%)	56.0%			56.0%				
	Short-term debt Capitalization Ratio (%)	4.0%	(8)		4.0%	(8)			(8)
	Common Equity Capitalization Ratio (%)	40.0%			40.0%				
	Prefered Shares Capitalization Ratio (%)								
		100.0%			100.0%				
	Cost of Capital								
	Long-term debt Cost Rate (%)	4.05%			4.05%				
	Short-term debt Cost Rate (%)	2.07%			2.07%				
	Common Equity Cost Rate (%)	8.98%			8.98%				
	Prefered 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 (%)

(2) 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 colimn M and Adjustments in column I

(3) Net of addbacks and deductions to arrive at taxable income.

(4) Average of Gross Fixed Assets at beginning and end of the Test Year

(5) Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.

(6) 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.

(7) Input total revenue offsets for deriving the base revenue requirement from the service revenue requirement

(8) 4.0% unless an Applicant has proposed or been approved for another amount.

(9) 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.

(10) 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.

(11) 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.

Revenue Requirement Workform

Rate Base and Working Capital

Rate Base

Line No.	Particulars		Initial Application	Adjustments	Technical Conference	Adjustments	Per Board Decision
1	Gross Fixed Assets (average)	(3)	$32,024,061	$ -	$32,024,061	$ -	$32,024,061
2	Accumulated Depreciation (average)	(3)	($16,324,684)	$ -	($16,324,684)	$ -	($16,324,684)
3	Net Fixed Assets (average)	(3)	$15,699,377	$ -	$15,699,377	$ -	$15,699,377
4	Allowance for Working Capital	(1)	$4,553,721	($85,287)	$4,468,434	$ -	$4,468,434
5	**Total Rate Base**		$20,253,098	($85,287)	$20,167,811	$ -	$20,167,811

Allowance for Working Capital - Derivation

(1)

Line No.	Particulars		Initial Application	Adjustments	Technical Conference	Adjustments	Per Board Decision
6	Controllable Expenses		$4,755,160	$ -	$4,755,160	$ -	$4,755,160
7	Cost of Power		$30,273,460	($656,050)	$29,617,410	$ -	$29,617,410
8	Working Capital Base		$35,028,620	($656,050)	$34,372,570	$ -	$34,372,570
9	Working Capital Rate %	(2)	13.00%	0.00%	13.00%	0.00%	13.00%
10	Working Capital Allowance		$4,553,721	($85,287)	$4,468,434	$ -	$4,468,434

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	Technical Conference	Adjustments	Per Board Decision
	Operating Revenues:						
1	Distribution Revenue (at Proposed Rates)		$6,515,797	($22,331)	$6,493,466	$ -	$6,493,466
2	Other Revenue	(1)	$465,600	$14,805	$480,405	$ -	$480,405
3	Total Operating Revenues		$6,981,397	($7,526)	$6,973,871	$ -	$6,973,871
	Operating Expenses:						
4	OM+A Expenses		$4,755,160	$ -	$4,755,160	$ -	$4,755,160
5	Depreciation/Amortization		$948,979	$ -	$948,979	$ -	$948,979
6	Property taxes		$ -	$ -		$ -	
7	Capital taxes		$ -	$ -	$ -	$ -	$ -
8	Other expense		$ -	$ -		$ -	
9	Subtotal (lines 4 to 8)		$5,704,139	$ -	$5,704,139	$ -	$5,704,139
10	Deemed Interest Expense		$475,891	($2,004)	$473,887	$ -	$473,887
11	Total Expenses (lines 9 to 10)		$6,180,030	($2,004)	$6,178,026	$ -	$6,178,026
12	Adjustment to Return on Rate Base associated with Deferred PP&E balance as a result of transition from CGAAP to MIFRS		$ -	$ -	$ -	$ -	$ -
13	**Utility income before income taxes**		$801,367	($5,522)	$795,845	$ -	$795,845
14	Income taxes (grossed-up)		$73,876	($2,459)	$71,417	$ -	$71,417
15	**Utility net income**		$727,492	($3,063)	$724,429	$ -	$724,429

Notes

Other Revenues / Revenue Offsets

		Initial Application	Adjustments	Technical Conference	Adjustments	Per Board Decision
(1)	Specific Service Charges	$204,000	($40,000)	$164,000		$164,000
	Late Payment Charges	$84,000	$ -	$84,000		$84,000
	Other Distribution Revenue	$123,600	$50,205	$173,805		$173,805
	Other Income and Deductions	$54,000	$4,600	$58,600		$58,600
	Total Revenue Offsets	$465,600	$14,805	$480,405	$ -	$480,405

Revenue Requirement Workform

Taxes/PILs

Line No.	Particulars	Application	Technical Conference	Per Board Decision
	Determination of Taxable Income			
1	Utility net income before taxes	$727,491	$724,428	$724,428
2	Adjustments required to arrive at taxable utility income	($324,750)	($335,090)	($324,750)
3	Taxable income	$402,741	$389,338	$399,678
	Calculation of Utility income Taxes			
4	Income taxes	$62,425	$60,347	$60,347
6	Total taxes	$62,425	$60,347	$60,347
7	Gross-up of Income Taxes	$11,451	$11,070	$11,070
8	Grossed-up Income Taxes	$73,876	$71,417	$71,417
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	$73,876	$71,417	$71,417
10	Other tax Credits	$ -	$ -	$ -
	Tax Rates			
11	Federal tax (%)	4.50%	4.50%	4.50%
12	Provincial tax (%)	11.00%	11.00%	11.00%
13	Total tax rate (%)	15.50%	15.50%	15.50%

Notes

Revenue Requirement Workform

Capitalization/Cost of Capital

Line No.	Particulars	Capitalization Ratio		Cost Rate	Return
		Initial Application			
		(%)	($)	(%)	($)
	Debt				
1	Long-term Debt	56.00%	$11,341,735	4.05%	$459,121
2	Short-term Debt	4.00%	$810,124	2.07%	$16,770
3	**Total Debt**	60.00%	$12,151,859	3.92%	$475,891
	Equity				
4	Common Equity	40.00%	$8,101,239	8.98%	$727,491
5	Preferred Shares	0.00%	$ -	0.00%	$ -
6	**Total Equity**	40.00%	$8,101,239	8.98%	$727,491
7	**Total**	100.00%	$20,253,098	5.94%	$1,203,382
		Technical Conference			
		(%)	($)	(%)	($)
	Debt				
1	Long-term Debt	56.00%	$11,293,974	4.05%	$457,188
2	Short-term Debt	4.00%	$806,712	2.07%	$16,699
3	**Total Debt**	60.00%	$12,100,687	3.92%	$473,887
	Equity				
4	Common Equity	40.00%	$8,067,124	8.98%	$724,428
5	Preferred Shares	0.00%	$ -	0.00%	$ -
6	**Total Equity**	40.00%	$8,067,124	8.98%	$724,428
7	**Total**	100.00%	$20,167,811	5.94%	$1,198,315
		Per Board Decision			
		(%)	($)	(%)	($)
	Debt				
8	Long-term Debt	56.00%	$11,293,974	4.05%	$457,188
9	Short-term Debt	4.00%	$806,712	2.07%	$16,699
10	**Total Debt**	60.00%	$12,100,687	3.92%	$473,887
	Equity				
11	Common Equity	40.00%	$8,067,124	8.98%	$724,428
12	Preferred Shares	0.00%	$ -	0.00%	$ -
13	**Total Equity**	40.00%	$8,067,124	8.98%	$724,428
14	**Total**	100.00%	$20,167,811	5.94%	$1,198,315

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 colimn M and Adjustments in column I

Revenue Requirement Workform

Revenue Deficiency/Sufficiency

		Initial Application		Technical Conference		Per Board Decision	
Line No.	Particulars	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		$934,301		$910,281		$910,281
2	Distribution Revenue	$5,581,495	$5,581,496	$5,583,185	$5,583,185	$5,583,185	$5,583,185
3	Other Operating Revenue Offsets - net	$465,600	$465,600	$480,405	$480,405	$480,405	$480,405
4	**Total Revenue**	$6,047,095	$6,981,397	$6,063,590	$6,973,871	$6,063,590	$6,973,871
5	Operating Expenses	$5,704,139	$5,704,139	$5,704,139	$5,704,139	$5,704,139	$5,704,139
6	Deemed Interest Expense	$475,891	$475,891	$473,887	$473,887	$473,887	$473,887
7	Adjustment to Return on Rate Base associated with Deferred PP&E balance as a result of transition from CGAAP to MIFRS	$ - **(2)**	$ -	$ - **(2)**	$ -	$ - **(2)**	$ -
8	**Total Cost and Expenses**	$6,180,030	$6,180,030	$6,178,026	$6,178,026	$6,178,026	$6,178,026
9	**Utility Income Before Income Taxes**	($132,934)	$801,367	($114,436)	$795,845	($114,436)	$795,845
10	Tax Adjustments to Accounting Income per 2013 PILs model	($324,750)	($324,750)	($335,090)	($335,090)	($335,090)	($335,090)
11	**Taxable Income**	($457,684)	$476,617	($449,526)	$460,755	($449,526)	$460,755
12	Income Tax Rate	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%
13	**Income Tax on Taxable Income**	($70,941)	$73,876	($69,676)	$71,417	($69,676)	$71,417
14	**Income Tax Credits**	$ -	$ -	$ -	$ -	$ -	$ -
15	**Utility Net Income**	($61,993)	$727,492	($44,759)	$724,429	($44,759)	$724,429
16	**Utility Rate Base**	$20,253,098	$20,253,098	$20,167,811	$20,167,811	$20,167,811	$20,167,811
17	Deemed Equity Portion of Rate Base	$8,101,239	$8,101,239	$8,067,124	$8,067,124	$8,067,124	$8,067,124
18	Income/(Equity Portion of Rate Base)	-0.77%	8.98%	-0.55%	8.98%	-0.55%	8.98%
19	Target Return - Equity on Rate Base	8.98%	8.98%	8.98%	8.98%	8.98%	8.98%
20	Deficiency/Sufficiency in Return on Equity	-9.75%	0.00%	-9.53%	0.00%	-9.53%	0.00%
21	Indicated Rate of Return	2.04%	5.94%	2.13%	5.94%	2.13%	5.94%
22	Requested Rate of Return on Rate Base	5.94%	5.94%	5.94%	5.94%	5.94%	5.94%
23	Deficiency/Sufficiency in Rate of Return	-3.90%	0.00%	-3.81%	0.00%	-3.81%	0.00%
24	Target Return on Equity	$727,491	$727,491	$724,428	$724,428	$724,428	$724,428
25	Revenue Deficiency/(Sufficiency)	$789,485	$0	$769,187	$1	$769,187	$1
26	**Gross Revenue Deficiency/(Sufficiency)**	$934,301 **(1)**		$910,281 **(1)**		$910,281 **(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

Revenue Requirement Workform

Revenue Requirement

Line No.	Particulars	Application		Technical Conference		Per Board Decision	
1	OM&A Expenses	$4,755,160		$4,755,160		$4,755,160	
2	Amortization/Depreciation	$948,979		$948,979		$948,979	
3	Property Taxes	$ -					
5	Income Taxes (Grossed up)	$73,876		$71,417		$71,417	
6	Other Expenses	$ -					
7	Return						
	Deemed Interest Expense	$475,891		$473,887		$473,887	
	Return on Deemed Equity	$727,491		$724,428		$724,428	
	Adjustment to Return on Rate Base associated with Deferred PP&E balance as a result of transition from CGAAP to MIFRS	$ -		$ -		$ -	
8	**Service Revenue Requirement (before Revenues)**	$6,981,397		$6,973,870		$6,973,870	
9	Revenue Offsets	$465,600		$480,405		$ -	
10	**Base Revenue Requirement (excluding Tranformer Owership Allowance credit adjustment)**	$6,515,797		$6,493,465		$6,973,870	
11	Distribution revenue	$6,515,797		$6,493,466		$6,493,466	
12	Other revenue	$465,600		$480,405		$480,405	
13	**Total revenue**	$6,981,397		$6,973,871		$6,973,871	
14	**Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)**	$0	(1)	$1	(1)	$1	(1)

Notes

(1) Line 11 - Line 8

2013 Cost Allocation Model

Sheet O1 Revenue to Cost Summary Worksheet - COLLUS 2013 - Final Run

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

Class Revenue, Cost Analysis, and Return on Rate Base

			1	2	3	7	9
Rate Base Assets		Total	Residential	General Service < 50 kW	General Service 50 - 4,999 kW	Street Lighting	Unmetered Scattered Load
crev	Distribution Revenue at Existing Rates	$5,583,230	$3,541,364	$902,862	$929,917	$201,955	$7,133
mi	Miscellaneous Revenue (mi)	$480,405	$321,261	$103,636	$38,572	$16,644	$291
		Miscellaneous Revenue Input equals Output					
	Total Revenue at Existing Rates	$6,063,635	$3,862,625	$1,006,498	$968,489	$218,599	$7,424
	Factor required to recover deficiency (1 + D)	1.1630					
	Distribution Revenue at Status Quo Rates	$6,493,466	$4,118,713	$1,050,056	$1,081,522	$234,880	$8,295
	Miscellaneous Revenue (mi)	$480,405	$321,261	$103,636	$38,572	$16,644	$291
	Total Revenue at Status Quo Rates	$6,973,871	$4,439,974	$1,153,692	$1,120,094	$251,524	$8,587
	Expenses						
di	Distribution Costs (di)	$1,925,300	$1,175,531	$272,924	$391,800	$83,509	$1,536
cu	Customer Related Costs (cu)	$1,261,562	$896,666	$315,300	$48,392	$1,005	$198
ad	General and Administration (ad)	$1,568,298	$1,016,939	$288,523	$219,947	$42,026	$863
dep	Depreciation and Amortization (dep)	$948,979	$549,258	$160,322	$206,241	$32,456	$703
INPUT	PILs (INPUT)	$71,417	$39,929	$11,410	$17,746	$2,276	$56
INT	Interest	$473,887	$264,948	$75,712	$117,752	$15,105	$370
	Total Expenses	$6,249,443	$3,943,269	$1,124,192	$1,001,879	$176,377	$3,726
	Direct Allocation	$0	$0	$0	$0	$0	$0
NI	Allocated Net Income (NI)	$724,428	$405,024	$115,741	$180,006	$23,091	$566
	Revenue Requirement (includes NI)	$6,973,871	$4,348,293	$1,239,933	$1,181,885	$199,468	$4,291
		Revenue Requirement Input equals Output					
	Total Rate Base	$20,167,811	$10,768,596	$3,250,407	$5,570,881	$559,734	$18,192
		Rate Base Input equals Output					
	Equity Component of Rate Base	$8,067,124	$4,307,438	$1,300,163	$2,228,353	$223,894	$7,277
	Net Income on Allocated Assets	$724,428	$496,705	$29,500	$118,215	$75,147	$4,861
	Net Income on Direct Allocation Assets	$0	$0	$0	$0	$0	$0
	Net Income	$724,428	$496,705	$29,500	$118,215	$75,147	$4,861
	RATIOS ANALYSIS						
	REVENUE TO EXPENSES STATUS QUO%	100.00%	102.11%	93.04%	94.77%	126.10%	200.10%
	EXISTING REVENUE MINUS ALLOCATED COSTS	($910,236)	($485,669)	($233,435)	($213,396)	$19,131	$3,133
		Deficiency Input equals Output					
	STATUS QUO REVENUE MINUS ALLOCATED COSTS	($0)	$91,681	($86,241)	($61,791)	$52,056	$4,296
	RETURN ON EQUITY COMPONENT OF RATE BASE	8.98%	11.53%	2.27%	5.31%	33.56%	66.80%

v 2.0

Income Tax/PILs Workform for 2013 Filers

Utility Name	COLLUS Power Corp.
Assigned EB Number	EB-2012-0116
Name and Title	Cindy Shuttleworth, Chief Financial Officer
Phone Number	705.445.1800 (2270)
Email Address	cshuttleworth@collus.com
Date	30-Apr-13
Last COS Re-based Year	**2009**

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

Income Tax/PILs Workform for 2013 Filers

Income Tax/PILs Workform for 2013 Filers

Rate Base			**$**	**20,167,811**	
Return on Ratebase					
Deemed ShortTerm Debt %	4.00%	T	$	806,712	*W = S * T*
Deemed Long Term Debt %	56.00%	U	$	11,293,974	*X = S * U*
Deemed Equity %	40.00%	V	$	8,067,124	*Y = S * V*
Short Term Interest Rate	2.07%	Z	$	16,699	*AC = W * Z*
Long Term Interest	4.05%	AA	$	457,188	*AD = X * AA*
Return on Equity (Regulatory Income)	8.98%	AB	**$**	**724,428**	*AE = Y * AB*
Return on Rate Base			**$**	**1,198,315**	*AF = AC + AD + AE*

Questions that must be answered

Question	Historic	Bridge	Test Year
1. Does the applicant have any Investment Tax Credits (ITC)?	Yes	No	No
2. Does the applicant have any SRED Expenditures?	Yes	No	No
3. Does the applicant have any Capital Gains or Losses for tax purposes?	No	No	No
4. Does the applicant have any Capital Leases?	No	No	No
5. Does the applicant have any Loss Carry-Forwards (non-capital or net capital)?	No	No	No
6. Since 1999, has the applicant acquired another regulated applicant's assets?	Yes	Yes	Yes
7. Did the applicant pay dividends? *If Yes, please describe what was the tax treatment in the manager's summary.*	No	No	No
8. Did the applicant elect to capitalize interest incurred on CWIP for tax purposes?	No	No	No

Income Tax/PILs Workform for 2013 Filers

Tax Rates **Federal & Provincial** **As of June 20, 2012**	**Effective** ################	**Effective** ################	**Effective** ################	**Effective** ################
Federal income tax				
General corporate rate	38.00%	38.00%	38.00%	38.00%
Federal tax abatement	-10.00%	-10.00%	-10.00%	-10.00%
Adjusted federal rate	28.00%	28.00%	28.00%	28.00%
Rate reduction	-11.50%	-13.00%	-13.00%	-13.00%
	16.50%	15.00%	15.00%	15.00%
Ontario income tax	11.75%	11.50%	11.50%	11.50%
Combined federal and Ontario	28.25%	26.50%	26.50%	26.50%
Federal & Ontario Small Business				
Federal small business threshold	500,000	500,000	500,000	500,000
Ontario Small Business Threshold	500,000	500,000	500,000	500,000
Federal small business rate	11.00%	11.00%	11.00%	11.00%
Ontario small business rate	4.50%	4.50%	4.50%	4.50%

Income Tax/PILs Workform for 2013 Filers

Schedule 8 - Historical Year

Class	Class Description	UCC End of Year Historic per tax returns	Less: Non-Distribution Portion	UCC Regulated Historic Year
1	Distribution System - post 1987	7,191,139		7,191,139
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election			0
2	Distribution System - pre 1988			0
8	General Office/Stores Equip	161,095		161,095
10	Computer Hardware/ Vehicles	603,296		603,296
10.1	Certain Automobiles			0
12	Computer Software	525		525
13_1	Lease # 1			0
13_2	Lease #2			0
13_3	Lease # 3			0
13_4	Lease # 4			0
14	Franchise			0
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldgs			0
42	Fibre Optic Cable			0
43.1	Certain Energy-Efficient Electrical Generating Equipment			0
43.2	Certain Clean Energy Generation Equipment			0
45	Computers & Systems Software acq'd post Mar 22/04			0
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)			0
47	Distribution System - post February 2005	9,208,802		9,208,802
50	Data Network Infrastructure Equipment - post Mar 2007	13,060		13,060
52	Computer Hardware and system software			0
95	CWIP			0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
	SUB-TOTAL - UCC	17,177,917	0	17,177,917

Income Tax/PILs Workform for 2013 Filers

Schedule 10 CEC - Historical Year

Cumulative Eligible Capital				**582,665**
Additions				
Cost of Eligible Capital Property Acquired during Test Year				
Other Adjustments	0			
Subtotal	0	**x 3/4 =**	0	
Non-taxable portion of a non-arm's length transferor's gain realized on the transfer of an ECP to the Corporation after Friday, December 20, 2002	0	**x 1/2 =**	0	
			0	**0**
Amount transferred on amalgamation or wind-up of subsidiary	0			**0**
Subtotal				**582,665**
Deductions				
Proceeds of sale (less outlays and expenses not otherwise deductible) from the disposition of all ECP during Test Year				
Other Adjustments	0			
Subtotal	0	**x 3/4 =**		**0**
Cumulative Eligible Capital Balance				**582,665**
Current Year Deduction		**582,665**	**x 7% =**	**40,787**
Cumulative Eligible Capital - Closing Balance				**541,878**

Income Tax/PILs Workform for 2013 Filers

Schedule 13 Tax Reserves - Historical

Continuity of Reserves

Description	Historical Balance as per tax returns	Non-Distribution Eliminations	Utility Only
Capital Gains Reserves ss.40(1)			0
Tax Reserves Not Deducted for accounting purposes			
Reserve for doubtful accounts ss. 20(1)(l)			0
Reserve for goods and services not delivered ss. 20(1)(m)			0
Reserve for unpaid amounts ss. 20(1)(n)			0
Debt & Share Issue Expenses ss. 20(1)(e)			0
Other tax reserves			0
			0
			0
			0
			0
			0
Total	**0**	**0**	**0**
Financial Statement Reserves (not deductible for Tax Purposes)			
General Reserve for Inventory Obsolescence (non-specific)			0
General reserve for bad debts			0
Accrued Employee Future Benefits:	336,820		336,820
- Medical and Life Insurance			0
-Short & Long-term Disability			0
-Accmulated Sick Leave			0
- Termination Cost			0
- Other Post-Employment Benefits			0
Provision for Environmental Costs			0
Restructuring Costs			0
Accrued Contingent Litigation Costs			0
Accrued Self-Insurance Costs			0
Other Contingent Liabilities			0
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)			0
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)			0
Other			0
			0
			0
Total	**336,820**	**0**	**336,820**

Income Tax/PILs Workform for 2013 Filers

Schedule 7-1 Loss Carry Forward - Historic

Corporation Loss Continuity and Application

Non-Capital Loss Carry Forward Deduction	Total	Non-Distribution Portion	Utility Balance
Actual Historic			0

Net Capital Loss Carry Forward Deduction	Total	Non-Distribution Portion	Utility Balance
Actual Historic			0

Income Tax/PILs Workform for 2013 Filers

Adjusted Taxable Income - Historic Year

	T2S1 line #	Total for Legal Entity	Non-Distribution Eliminations	Historic Wires Only
Income before PILs/Taxes	A	468,411		468,411
Additions:				
Interest and penalties on taxes	103			0
Amortization of tangible assets	104	1,053,169		1,053,169
Amortization of intangible assets	106			0
Recapture of capital cost allowance from Schedule 8	107			0
Gain on sale of eligible capital property from Schedule 10	108			0
Income or loss for tax purposes- joint ventures or partnerships	109			0
Loss in equity of subsidiaries and affiliates	110			0
Loss on disposal of assets	111			0
Charitable donations	112			0
Taxable Capital Gains	113			0
Political Donations	114			0
Deferred and prepaid expenses	116			0
Scientific research expenditures deducted on financial statements	118			0
Capitalized interest	119			0
Non-deductible club dues and fees	120			0
Non-deductible meals and entertainment expense	121	1,000		1,000
Non-deductible automobile expenses	122			0
Non-deductible life insurance premiums	123			0
Non-deductible company pension plans	124			0
Tax reserves deducted in prior year	125			0
Reserves from financial statements- balance at end of year	126	336,820		336,820
Soft costs on construction and renovation of buildings	127			0
Book loss on joint ventures or partnerships	205			0
Capital items expensed	206			0
Debt issue expense	208			0
Development expenses claimed in current year	212			0
Financing fees deducted in books	216			0
Gain on settlement of debt	220			0
Non-deductible advertising	226			0
Non-deductible interest	227			0
Non-deductible legal and accounting fees	228			0
Recapture of SR&ED expenditures	231			0
Share issue expense	235			0
Write down of capital property	236			0
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237			0
Other Additions				
Interest Expensed on Capital Leases	290			0
Realized Income from Deferred Credit Accounts	291			0
Pensions	292			0
Non-deductible penalties	293			0
Tax provision expense	294	125,438		125,438
Provincial ITCS related to PPA section 9 inclusion	295	4,097		4,097
ARO Accretion expense				0
Capital Contributions Received (ITA 12(1)(x))				0
Lease Inducements Received (ITA 12(1)(x))				0
Deferred Revenue (ITA 12(1)(a))				0
Prior Year Investment Tax Credits received				0
Amortization contained in other expenses		152,728		152,728

				0
				0
				0
				0
				0
				0
				0
				0
				0
Total Additions		**1,673,252**	**0**	**1,673,252**
Deductions:				
Gain on disposal of assets per financial statements	401	320		320
Dividends not taxable under section 83	402			0
Capital cost allowance from Schedule 8	403	1,212,578		1,212,578
Terminal loss from Schedule 8	404			0
Cumulative eligible capital deduction from Schedule 10	405	40,787		40,787
Allowable business investment loss	406			0
Deferred and prepaid expenses	409			0
Scientific research expenses claimed in year	411	219,502		219,502
Tax reserves claimed in current year	413			0
Reserves from financial statements - balance at beginning of year	414	308,029		308,029
Contributions to deferred income plans	416			0
Book income of joint venture or partnership	305			0
Equity in income from subsidiary or affiliates	306			0
Other deductions: (Please explain in detail the nature of the item)				
Interest capitalized for accounting deducted for tax	390			0
Capital Lease Payments	391			0
Non-taxable imputed interest income on deferral and variance accounts	392			0
	393			0
	394			0
ARO Payments - Deductible for Tax when Paid				0
ITA 13(7.4) Election - Capital Contributions Received				0
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds				0
Deferred Revenue - ITA 20(1)(m) reserve				0
Principal portion of lease payments				0
Lease Inducement Book Amortization credit to income				0
Financing fees for tax ITA 20(1)(e) and (e.1)				0
				0
				0
				0
				0
				0
				0
				0
Total Deductions		**1,781,216**	**0**	**1,781,216**
Net Income for Tax Purposes		**360,447**	**0**	**360,447**
Charitable donations from Schedule 2	311			0
Taxable dividends deductible under section 112 or 113, from Schedule 3 (item 82)	320			0
Non-capital losses of preceding taxation years from Schedule 4	331			0
Net-capital losses of preceding taxation years from Schedule 4 *(Please include explanation and calculation in Manager's summary)*	332			0
Limited partnership losses of preceding taxation years from Schedule 4	335			0
TAXABLE INCOME		**360,447**	**0**	**360,447**

PILs Tax Provision - Historic Year

Note: Input the actual information from the tax returns for the historic year.

						Wires Only	
Regulatory Taxable Income						$ 360,447	**A**
Ontario Income Taxes							
Income tax payable	**Ontario Income Tax**	11.75%	**B**	$ 42,345	**C = A * B**		
Small business credit	Ontario Small Business Threshold	$ 500,000	**D**				
	Rate reduction (negative)	7.25%	**E**	-$ 26,125	**F = D * E**		
Ontario Income tax						$ 16,220	**J = C + F**
Combined Tax Rate and PILs	Effective Ontario Tax Rate			4.50%	**K = J / A**		
	Federal tax rate			12.90%	**L**		
	Combined tax rate					17.40%	**M = K + L**
Total Income Taxes						**$ 62,731**	**N = A * M**
Investment Tax Credits						$ 46,511	**O**
Miscellaneous Tax Credits						$ 10,150	**P**
Total Tax Credits						**$ 56,661**	**Q = O + P**
Corporate PILs/Income Tax Provision for Historic Year						**$ 6,070**	**R = N - Q**

Income Tax/PILs Workform for 2013 Filers

Schedule 8 CCA - Bridge Year

Class	Class Description	UCC Regulated Historic Year	Additions	Disposals (Negative)	UCC Before 1/2 Yr Adjustment	1/2 Year Rule {1/2 Additions Less Disposals}	Reduced UCC	Rate %	Bridge Year CCA	UCC End of Bridge Year
1	Distribution System - post 1987	$ 7,191,139	$ 108,735		$ 7,299,874	$ 54,368	$ 7,245,507	4%	$ 289,820	$ 7,010,054
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election				$ -	$ -	$ -	6%	$ -	$ -
2	Distribution System - pre 1988				$ -	$ -	$ -	6%	$ -	$ -
8	General Office/Stores Equip	$ 161,095	$ 16,531		$ 177,626	$ 8,266	$ 169,361	20%	$ 33,872	$ 143,754
10	Computer Hardware/ Vehicles	$ 603,296	$ 263,420		$ 866,716	$ 131,710	$ 735,006	30%	$ 220,502	$ 646,214
10.1	Certain Automobiles				$ -	$ -	$ -	30%	$ -	$ -
12	Computer Software	$ 525	$ 4,225		$ 4,750	$ 2,113	$ 2,638	100%	$ 2,638	$ 2,113
13 1	Lease # 1				$ -	$ -	$ -		$ -	$ -
13 2	Lease #2				$ -	$ -	$ -		$ -	$ -
13 3	Lease # 3				$ -	$ -	$ -		$ -	$ -
13 4	Lease # 4				$ -	$ -	$ -		$ -	$ -
14	Franchise				$ -	$ -	$ -		$ -	$ -
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldgs				$ -	$ -	$ -	8%	$ -	$ -
42	Fibre Optic Cable				$ -	$ -	$ -	12%	$ -	$ -
43.1	Certain Energy-Efficient Electrical Generating Equipment				$ -	$ -	$ -	30%	$ -	$ -
43.2	Certain Clean Energy Generation Equipment				$ -	$ -	$ -	50%	$ -	$ -
45	Computers & Systems Software acq'd post Mar 22/04				$ -	$ -	$ -	45%	$ -	$ -
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)				$ -	$ -	$ -	30%	$ -	$ -
47	Distribution System - post February 2005	$ 9,208,802	$ 1,011,291		$ 10,220,093	$ 505,646	$ 9,714,448	8%	$ 777,156	$ 9,442,937
50	Data Network Infrastructure Equipment - post Mar 2007	$ 13,060			$ 13,060	$ -	$ 13,060	55%	$ 7,183	$ 5,877
52	Computer Hardware and system software				$ -	$ -	$ -	100%	$ -	$ -
95	CWIP				$ -	$ -	$ -		$ -	$ -
					$ -	$ -	$ -		$ -	$ -
					$ -	$ -	$ -		$ -	$ -
					$ -	$ -	$ -		$ -	$ -
					$ -	$ -	$ -		$ -	$ -
					$ -	$ -	$ -		$ -	$ -
					$ -	$ -	$ -		$ -	$ -
					$ -	$ -	$ -		$ -	$ -
					$ -	$ -	$ -		$ -	$ -
					$ -	$ -	$ -		$ -	$ -
					$ -	$ -	$ -		$ -	$ -
	TOTAL	$ 17,177,917	$ 1,404,202	$ -	$ 18,582,119	$ 702,101	$ 17,880,018		$ 1,331,170	$ 17,250,949

Income Tax/PILs Workform for 2013 Filers

Schedule 10 CEC - Bridge Year

Cumulative Eligible Capital				**541,878**
Additions				
Cost of Eligible Capital Property Acquired during Test Year				
Other Adjustments	0			
Subtotal	0	**x 3/4 =**	0	
Non-taxable portion of a non-arm's length transferor's gain realized on the transfer of an ECP to the Corporation after Friday, December 20, 2002	0	**x 1/2 =**	0	
			0	**0**
Amount transferred on amalgamation or wind-up of subsidiary	0			**0**
Subtotal				**541,878**
Deductions				
Proceeds of sale (less outlays and expenses not otherwise deductible) from the disposition of all ECP during Test Year				
Other Adjustments	0			
Subtotal	0	**x 3/4 =**		**0**
Cumulative Eligible Capital Balance				**541,878**
Current Year Deduction		**541,878**	**x 7% =**	**37,931**
Cumulative Eligible Capital - Closing Balance				**503,947**

Income Tax/PILs Workform for 2013 Filers

Schedule 13 Tax Reserves - Bridge Year

Continuity of Reserves

Description	Historic Utility Only	Eliminate Amounts Not Relevant for Bridge Year	Adjusted Utility Balance	Bridge Year Adjustments: Additions	Bridge Year Adjustments: Disposals	Balance for Bridge Year	Change During the Year	Disallowed Expenses
Capital Gains Reserves ss.40(1)	0		0			0	0	
Tax Reserves Not Deducted for accounting purposes								
Reserve for doubtful accounts ss. 20(1)(l)	0		0			0	0	
Reserve for goods and services not delivered ss. 20(1)(m)	0		0			0	0	
Reserve for unpaid amounts ss. 20(1)(n)	0		0			0	0	
Debt & Share Issue Expenses ss. 20(1)(e)	0		0			0	0	
Other tax reserves	0		0			0	0	
	0		0			0	0	
	0		0			0	0	
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financial Statement Reserves (not deductible for Tax Purposes)								
General Reserve for Inventory Obsolescence (non-specific)	0		0			0	0	
General reserve for bad debts	0		0			0	0	
Accrued Employee Future Benefits:	336,820		336,820	-352		336,468	-352	
- Medical and Life Insurance	0		0			0	0	
-Short & Long-term Disability	0		0			0	0	
-Accmulated Sick Leave	0		0			0	0	
- Termination Cost	0		0			0	0	
- Other Post-Employment Benefits	0		0			0	0	
Provision for Environmental Costs	0		0			0	0	
Restructuring Costs	0		0			0	0	
Accrued Contingent Litigation Costs	0		0			0	0	
Accrued Self-Insurance Costs	0		0			0	0	
Other Contingent Liabilities	0		0			0	0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	0		0			0	0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	0		0			0	0	
Other	0		0			0	0	
	0		0			0	0	
	0		0			0	0	
Total	**336,820**	**0**	**336,820**	**-352**	**0**	**336,468**	**-352**	**0**

Income Tax/PILs Workform for 2013 Filers

Corporation Loss Continuity and Application

Schedule 7-1 Loss Carry Forward - Bridge Year

Non-Capital Loss Carry Forward Deduction	**Total**
Actual Historic	0
Application of Loss Carry Forward to reduce taxable income in Bridge Year	
Other Adjustments Add (+) Deduct (-)	
Balance available for use in Test Year	0
Amount to be used in Bridge Year	
Balance available for use post Bridge Year	0

Net Capital Loss Carry Forward Deduction	**Total**
Actual Historic	0
Application of Loss Carry Forward to reduce taxable income in Bridge Year	
Other Adjustments Add (+) Deduct (-)	
Balance available for use in Test Year	0
Amount to be used in Bridge Year	
Balance available for use post Bridge Year	0

Income Tax/PILs Workform for 2013 Filers

Adjusted Taxable Income - Bridge Year

	T2S1 line #	Total for Regulated Utility
Income before PILs/Taxes	**A**	680,119
Additions:		
Interest and penalties on taxes	103	
Amortization of tangible assets	104	1,888,095
Amortization of intangible assets	106	
Recapture of capital cost allowance from Schedule 8	107	
Gain on sale of eligible capital property from Schedule 10	108	
Income or loss for tax purposes- joint ventures or partnerships	109	
Loss in equity of subsidiaries and affiliates	110	
Loss on disposal of assets	111	
Charitable donations	112	
Taxable Capital Gains	113	
Political Donations	114	
Deferred and prepaid expenses	116	
Scientific research expenditures deducted on financial statements	118	
Capitalized interest	119	
Non-deductible club dues and fees	120	
Non-deductible meals and entertainment expense	121	1,000
Non-deductible automobile expenses	122	
Non-deductible life insurance premiums	123	
Non-deductible company pension plans	124	
Tax reserves deducted in prior year	125	0
Reserves from financial statements- balance at end of year	126	336,468
Soft costs on construction and renovation of buildings	127	
Book loss on joint ventures or partnerships	205	
Capital items expensed	206	
Debt issue expense	208	
Development expenses claimed in current year	212	
Financing fees deducted in books	216	
Gain on settlement of debt	220	
Non-deductible advertising	226	
Non-deductible interest	227	
Non-deductible legal and accounting fees	228	
Recapture of SR&ED expenditures	231	
Share issue expense	235	
Write down of capital property	236	
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237	

Income Tax/PILs Workform for 2013 Filers

Adjusted Taxable Income - Bridge Year

Other Additions		
Interest Expensed on Capital Leases	290	
Realized Income from Deferred Credit Accounts	291	
Pensions	292	
Non-deductible penalties	293	
	294	
	295	
ARO Accretion expense		
Capital Contributions Received (ITA 12(1)(x))		
Lease Inducements Received (ITA 12(1)(x))		
Deferred Revenue (ITA 12(1)(a))		
Prior Year Investment Tax Credits received		
Total Additions		**2,225,563**
Deductions:		
Gain on disposal of assets per financial statements	401	
Dividends not taxable under section 83	402	
Capital cost allowance from Schedule 8	403	1,331,170
Terminal loss from Schedule 8	404	
Cumulative eligible capital deduction from Schedule 10	405	37,931
Allowable business investment loss	406	
Deferred and prepaid expenses	409	
Scientific research expenses claimed in year	411	
Tax reserves claimed in current year	413	0
Reserves from financial statements - balance at beginning of year	414	336,820
Contributions to deferred income plans	416	
Book income of joint venture or partnership	305	
Equity in income from subsidiary or affiliates	306	
Other deductions: (Please explain in detail the nature of the item)		

Income Tax/PILs Workform for 2013 Filers

Adjusted Taxable Income - Bridge Year

Interest capitalized for accounting deducted for tax	390	
Capital Lease Payments	391	
Non-taxable imputed interest income on deferral and variance accounts	392	
	393	
	394	
ARO Payments - Deductible for Tax when Paid		
ITA 13(7.4) Election - Capital Contributions Received		
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds		
Deferred Revenue - ITA 20(1)(m) reserve		
Principal portion of lease payments		
Lease Inducement Book Amortization credit to income		
Financing fees for tax ITA 20(1)(e) and (e.1)		
Total Deductions		**1,705,922**
Net Income for Tax Purposes		**1,199,760**
Charitable donations from Schedule 2	311	
Taxable dividends deductible under section 112 or 113, from Schedule 3 (item 82)	320	
Non-capital losses of preceding taxation years from Schedule 4	331	
Net-capital losses of preceding taxation years from Schedule 4 *(Please include explanation and calculation in Manager's summary)*	332	
Limited partnership losses of preceding taxation years from Schedule 4	335	
TAXABLE INCOME		**1,199,760**

Income Tax/PILs Workform for 2013 Filers

PILS Tax Provision - Bridge Year

							Wires Only	
Regulatory Taxable Income							$ 1,199,760	**A**
Ontario Income Taxes								
Income tax payable	**Ontario Income Tax**	11.50%	**B**	$	137,972	**C = A * B**		
Small business credit	Ontario Small Business Threshold	$ 500,000	**D**					
	Rate reduction	-7.00%	**E**	-$	35,000	**F = D * E**		
Ontario Income tax							$ 102,972	**J = C + F**
Combined Tax Rate and PILs	Effective Ontario Tax Rate				8.58%	**K = J / A**		
	Federal tax rate				15.00%	**L**		
	Combined tax rate						23.58%	**M = K + L**
Total Income Taxes							**$ 282,936**	**N = A * M**
Investment Tax Credits								**O**
Miscellaneous Tax Credits								**P**
Total Tax Credits							**$ -**	**Q = O + P**
Corporate PILs/Income Tax Provision for Bridge Year							**$ 282,936**	**R = N - Q**

Note:

1. This is for the derivation of Bridge year PILs income tax expense and should not be used for Test year revenue requirement calculations.

Schedule 8 CCA - Test Year

Class	Class Description	UCC Test Year Opening Balance	Additions	Disposals (Negative)	UCC Before 1/2 Yr Adjustment	1/2 Year Rule {1/2 Additions Less Disposals}	Reduced UCC	Rate %	Test Year CCA	UCC End of Test Year
1	Distribution System - post 1987	$ 7,010,054			$ 7,010,054	$ -	$ 7,010,054	4%	$ 280,402	$ 6,729,652
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election	$ -			$ -	$ -	$ -	6%	$ -	$ -
2	Distribution System - pre 1988	$ -			$ -	$ -	$ -	6%	$ -	$ -
8	General Office/Stores Equip	$ 143,754	115,000		$ 258,754	$ 57,500	$ 201,254	20%	$ 40,251	$ 218,503
10	Computer Hardware/ Vehicles	$ 646,214	202,000		$ 848,214	$ 101,000	$ 747,214	30%	$ 224,164	$ 624,050
10.1	Certain Automobiles	$ -			$ -	$ -	$ -	30%	$ -	$ -
12	Computer Software	$ 2,113	105,000		$ 107,113	$ 52,500	$ 54,613	100%	$ 54,613	$ 52,500
13 1	Lease # 1	$ -			$ -	$ -	$ -		$ -	$ -
13 2	Lease #2	$ -			$ -	$ -	$ -		$ -	$ -
13 3	Lease # 3	$ -			$ -	$ -	$ -		$ -	$ -
13 4	Lease # 4	$ -			$ -	$ -	$ -		$ -	$ -
14	Franchise	$ -			$ -	$ -	$ -		$ -	$ -
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than B	$ -			$ -	$ -	$ -	8%	$ -	$ -
42	Fibre Optic Cable	$ -			$ -	$ -	$ -	12%	$ -	$ -
43.1	Certain Energy-Efficient Electrical Generating Equipment	$ -			$ -	$ -	$ -	30%	$ -	$ -
43.2	Certain Clean Energy Generation Equipment	$ -			$ -	$ -	$ -	50%	$ -	$ -
45	Computers & Systems Software acq'd post Mar 22/04	$ -			$ -	$ -	$ -	45%	$ -	$ -
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	$ -			$ -	$ -	$ -	30%	$ -	$ -
47	Distribution System - post February 2005	$ 9,442,937	1,601,208		$ 11,044,145	$ 800,604	$ 10,243,541	8%	$ 819,483	$ 10,224,662
50	Data Network Infrastructure Equipment - post Mar 2007	$ 5,877			$ 5,877	$ -	$ 5,877	55%	$ 3,232	$ 2,645
52	Computer Hardware and system software	$ -			$ -	$ -	$ -	100%	$ -	$ -
95	CWIP	$ -			$ -	$ -	$ -	0%	$ -	$ -
					$ -	$ -	$ -	0%	$ -	$ -
					$ -	$ -	$ -	0%	$ -	$ -
					$ -	$ -	$ -	0%	$ -	$ -
					$ -	$ -	$ -	0%	$ -	$ -
					$ -	$ -	$ -	0%	$ -	$ -
					$ -	$ -	$ -	0%	$ -	$ -
					$ -	$ -	$ -	0%	$ -	$ -
					$ -	$ -	$ -	0%	$ -	$ -
					$ -	$ -	$ -	0%	$ -	$ -
					$ -	$ -	$ -	0%	$ -	$ -
	TOTAL	$ 17,250,949	$ 2,023,208	$ -	$ 19,274,157	$ 1,011,604	$ 18,262,553		$ 1,422,145	$ 17,852,011

Income Tax/PILs Workform for 2013 Filers

Schedule 10 CEC - Test Year

Cumulative Eligible Capital				**503,947**
Additions				
Cost of Eligible Capital Property Acquired during Test Year	0			
Other Adjustments	0			
Subtotal	0	**x 3/4 =**	0	
Non-taxable portion of a non-arm's length transferor's gain realized on the transfer of an ECP to the Corporation after Friday, December 20, 2002	0	**x 1/2 =**	0	
			0	**0**
Amount transferred on amalgamation or wind-up of subsidiary	0			**0**
Subtotal				**503,947**
Deductions				
Proceeds of sale (less outlays and expenses not otherwise deductible) from the disposition of all ECP during Test Year	0			
Other Adjustments	0			
Subtotal	0	**x 3/4 =**		**0**
Cumulative Eligible Capital Balance				**503,947**
Current Year Deduction (Carry Forward to Tab "Test Year Taxable Income")		**503,947**	**x 7% =**	**35,276**
Cumulative Eligible Capital - Closing Balance				**468,671**

Income Tax/PILs Workform for 2013 Filers

Schedule 13 Tax Reserves - Test Year

Continuity of Reserves

Description	Bridge Year	Eliminate Amounts Not Relevant for Bridge Year	Adjusted Utility Balance	Test Year Adjustments: Additions	Test Year Adjustments: Disposals	Balance for Test Year	Change During the Year	Disallowed Expenses
Capital Gains Reserves ss.40(1)	0		0			0	0	
Tax Reserves Not Deducted for accounting purposes								
Reserve for doubtful accounts ss. 20(1)(l)	0		0			0	0	
Reserve for goods and services not delivered ss. 20(1)(m)	0		0			0	0	
Reserve for unpaid amounts ss. 20(1)(n)	0		0			0	0	
Debt & Share Issue Expenses ss. 20(1)(e)	0		0			0	0	
Other tax reserves	0		0			0	0	
	0		0			0	0	
	0		0			0	0	
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Financial Statement Reserves (not deductible for Tax Purposes)								
General Reserve for Inventory Obsolescence (non-specific)	0		0			0	0	
General reserve for bad debts	0		0			0	0	
Accrued Employee Future Benefits:	336,468		336,468	18,461		354,929	18,461	
- Medical and Life Insurance	0		0			0	0	
-Short & Long-term Disability	0		0			0	0	
-Accmulated Sick Leave	0		0			0	0	
- Termination Cost	0		0			0	0	
- Other Post-Employment Benefits	0		0			0	0	
Provision for Environmental Costs	0		0			0	0	
Restructuring Costs	0		0			0	0	
Accrued Contingent Litigation Costs	0		0			0	0	
Accrued Self-Insurance Costs	0		0			0	0	
Other Contingent Liabilities	0		0			0	0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	0		0			0	0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	0		0			0	0	
Other	0		0			0	0	
	0		0			0	0	
	0		0			0	0	
Total	**336,468**	**0**	**336,468**	**18,461**	**0**	**354,929**	**18,461**	**0**

Income Tax/PILs Workform for 2013 Filers

Schedule 7-1 Loss Carry Forward - Test Year

Corporation Loss Continuity and Application

Non-Capital Loss Carry Forward Deduction	Total	Non-Distribution Portion	Utility Balance
Actual/Estimated Bridge Year			0
Application of Loss Carry Forward to reduce taxable income in 2005			0
Other Adjustments Add (+) Deduct (-)			0
Balance available for use in Test Year	0	0	0
Amount to be used in Test Year			0
Balance available for use post Test Year	0	0	0

Net Capital Loss Carry Forward Deduction	Total	Non-Distribution Portion	Utility Balance
Actual/Estimated Bridge Year			0
Application of Loss Carry Forward to reduce taxable income in 2005			0
Other Adjustments Add (+) Deduct (-)			0
Balance available for use in Test Year	0	0	0
Amount to be used in Test Year			0
Balance available for use post Test Year	0	0	0

Income Tax/PILs Workform for 2013 Filers

Taxable Income - Test Year

		Test Year Taxable Income
Net Income Before Taxes		724,428

	T2 S1 line #	
Additions:		
Interest and penalties on taxes	103	
Amortization of tangible assets *2-4 ADJUSTED ACCOUNTING DATA P489*	104	
Amortization of intangible assets *2-4 ADJUSTED ACCOUNTING DATA P490*	106	1,102,871
Recapture of capital cost allowance from Schedule 8	107	
Gain on sale of eligible capital property from Schedule 10	108	
Income or loss for tax purposes- joint ventures or partnerships	109	
Loss in equity of subsidiaries and affiliates	110	
Loss on disposal of assets	111	
Charitable donations	112	
Taxable Capital Gains	113	
Political Donations	114	
Deferred and prepaid expenses	116	
Scientific research expenditures deducted on financial statements	118	
Capitalized interest	119	
Non-deductible club dues and fees	120	
Non-deductible meals and entertainment expense	121	1,000
Non-deductible automobile expenses	122	
Non-deductible life insurance premiums	123	
Non-deductible company pension plans	124	
Tax reserves beginning of year	125	0
Reserves from financial statements- balance at end of year	126	354,929
Soft costs on construction and renovation of buildings	127	
Book loss on joint ventures or partnerships	205	
Capital items expensed	206	
Debt issue expense	208	
Development expenses claimed in current year	212	
Financing fees deducted in books	216	
Gain on settlement of debt	220	
Non-deductible advertising	226	
Non-deductible interest	227	
Non-deductible legal and accounting fees	228	
Recapture of SR&ED expenditures	231	
Share issue expense	235	
Write down of capital property	236	

Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237	
Other Additions: (please explain in detail the nature of the item)		
Interest Expensed on Capital Leases	290	
Realized Income from Deferred Credit Accounts	291	
Pensions	292	
Non-deductible penalties	293	
	294	
	295	
	296	
	297	
ARO Accretion expense		
Capital Contributions Received (ITA 12(1)(x))		
Lease Inducements Received (ITA 12(1)(x))		
Deferred Revenue (ITA 12(1)(a))		
Prior Year Investment Tax Credits received		
Total Additions		**1,458,800**
Deductions:		
Gain on disposal of assets per financial statements	401	
Dividends not taxable under section 83	402	
Capital cost allowance from Schedule 8	403	1,422,145
Terminal loss from Schedule 8	404	
Cumulative eligible capital deduction from Schedule 10 CEC	405	35,276
Allowable business investment loss	406	
Deferred and prepaid expenses	409	
Scientific research expenses claimed in year	411	
Tax reserves end of year	413	0
Reserves from financial statements - balance at beginning of year	414	336,468
Contributions to deferred income plans	416	
Book income of joint venture or partnership	305	
Equity in income from subsidiary or affiliates	306	
Other deductions: (Please explain in detail the nature of the item)		
Interest capitalized for accounting deducted for tax	390	
Capital Lease Payments	391	

Non-taxable imputed interest income on deferral and variance accounts	392	
	393	
	394	
	395	
	396	
	397	
ARO Payments - Deductible for Tax when Paid		
ITA 13(7.4) Election - Capital Contributions Received		
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds		
Deferred Revenue - ITA 20(1)(m) reserve		
Principal portion of lease payments		
Lease Inducement Book Amortization credit to income		
Financing fees for tax ITA 20(1)(e) and (e.1)		
Total Deductions		**1,793,890**
NET INCOME FOR TAX PURPOSES		**389,338**
Charitable donations	311	
Taxable dividends received under section 112 or 113	320	
Non-capital losses of preceding taxation years from Schedule 7-1	331	
Net-capital losses of preceding taxation years (Please show calculation)	332	
Limited partnership losses of preceding taxation years from Schedule 4	335	
REGULATORY TAXABLE INCOME		**389,338**

Income Tax/PILs Workform for 2013 Filers

PILs Tax Provision - Test Year

							Wires Only	
Regulatory Taxable Income							$ 389,338	**A**
Ontario Income Taxes								
Income tax payable	**Ontario Income Tax**	4.50%	**B**	$ 17,520		**C = A * B**		
Small business credit	Ontario Small Business Threshold	$ -	**D**					
	Rate reduction	-7.00%	**E**	$ -		**F = D * E**		
Ontario Income tax							$ 17,520	**J = C + F**
Combined Tax Rate and PILs	Effective Ontario Tax Rate				4.50%	**K = J / A**		
	Federal tax rate				11.00%	**L**		
	Combined tax rate						15.50%	**M = K + L**
Total Income Taxes							**$ 60,347**	**N = A * M**
Investment Tax Credits								**O**
Miscellaneous Tax Credits								**P**
Total Tax Credits							**$ -**	**Q = O + P**
Corporate PILs/Income Tax Provision for Test Year							**$ 60,347**	**R = N - Q**
Corporate PILs/Income Tax Provision Gross Up [1]					84.50%	**S = 1 - M**	**$ 11,070**	**T = R / S - R**
Income Tax (grossed-up)							**$ 71,417**	**U = R + T**

Note:

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

as at Sept 6th, invoices still o/s for Aug

COLLUS Power Capital Budget Summary

W.O. #	GL Acct #	DESCRIPTION	2013 FORECAST	2013 YTD Aug 31st	2013 Remaining
DISTRIBUTION PLANT - CUSTOMER DEMAND & RENEWAL CATEGORY:					
	1830/35/45	10th Line 44kV - Poplar to Mt. Road Project	463,301	8,794	454,507
17403	1830/35/45	Hurontario Street South 44kV & Overhead	97,120	2,060	95,060
17025	1830/35/45	Simcoe St Rebuild - Peel to Raglan	122,766	132,309	-9,543
17402	1830/35/45	Ronell Crescent	64,989	74,674	-9,685
DISTRIBUTION PLANT - SECURITY AND RELIABILITY CATEGORY: Misc Projects					
17016	1830-0-0	MISC REBUILD PROJECTS	299,078	275,319	23,759
DISTRIBUTION PLANT - Misc Projects Due to Municipal Development					
17035	1830-0-0	Misc. Municipal Projects 50% Labour& Trucking portion	9,890	8,777	1,113
DISTRIBUTION PLANT - Misc Contributed Capital Projects					
	1830/35/45	Misc Contributed Assets	350,000	74,105	275,895
DISTRIBUTION PLANT - CUSTOMER METERING CATEGORY: Electric Meters					
17050	1860-0-0	Electric Meter Capital	275,500	93,097	182,403
DISTRIBUTION PLANT - CUSTOMER METERING CATEGORY: Electric Meters					
17070	1850-0-0	Distribution Transformer Capital	118,564	80,238	38,326
DISTRIBUTION PLANT - CUSTOMER METERING CATEGORY: Electric Meters					
17091	1980-0-0	SCADA Capital Projects	40,000		40,000
TOOLS AND EQUIPMENT:					
17126		Large Tools, Vehicles & Equipment Purchases (Sections A to D)	$ 252,000		252,000
DISTRIBUTION PLANT - CUSTOMER DEMAND & RENEWAL CATEGORY:					
17170	1855-0-0	New Services - Collingwood	130,000	61,565	68,435
DISTRIBUTION PLANT - CUSTOMER DEMAND & RENEWAL CATEGORY:					
17401	1855-0-0	New Services - Thornbury	5,000	579	4,421
DISTRIBUTION PLANT - CUSTOMER DEMAND & RENEWAL CATEGORY:					
17301	1855-0-0	New Services - Clearview	15,000	3,386	11,614
GENERAL PLANT - COMPUTER SYSTEM CATEGORY - CIS & Accting Systems					
17163	1925-0-0	Customer Information System (CIS) & General Accounting Software	105,000	1,743	103,257
GENERAL PLANT - FACILITIES CATEGORY - CAPITAL ADDITIONS					
17131	1915-0-0	Office Equipment (2011 to 2013)	15,000	15,698	-698
	1955-0-0	Communication Equipment	10,000	6,305	3,695
		Gross Capital Project Spending	2,373,208	838,650	1,534,558
CAPITAL CATEGORY ITEM: RECHARGABLE PROJECTS - CONTRIBUTED CAPITAL					
18500	1995-0-0	CONTRIBUTED CAPITAL	$ (350,000)	$ (121,383)	$ (228,617)
		Net Capital Spending Projected for the Year	$ 2,023,208	$ 717,267	$ 1,305,941

Budget Spent
55%

saveONenergy

Message from the Vice President:

The OPA is pleased to provide you with the enclosed Final 2012 Results Report. We have seen a 39% increase in energy savings for our new province-wide 2011-2014 suite of saveONenergy initiatives. Overall progress to targets is moving up with 29% of demand and 65% of energy savings achieved. Many LDCs, both large and small, continue to stay on track to meet or exceed their OEB targets. Conservation programs continue to be a valuable and cost effective resource for customers across the province, over the past two years the program cost to consumers remains within 3 cents per kWh.

Further to programmatic savings, capability building efforts launched in 2011 are yielding healthy enabled savings through Embedded Energy Managers and Audit initiative projects. The strong momentum continues in 2013.

We remain committed to ensuring LDCs are successful in meeting their objectives and our collective efforts to date have improved the current program suite by offering more local program opportunities, implementing a new expedited change management process, and enhancing incentives to make it easier for customers to participate in programs. We invite you to continue to provide your feedback to us and to celebrate our successes as we move forward.

The format of this report was developed in collaboration with the OPA-LDC Reporting and Evaluation Working Group and is designed to help populate LDC annual report templates that will be submitted to the OEB in late September. All results are now considered final for 2012. Any additional 2012 program activity not captured will be reported in the Final 2013 Results Report.

Please continue to monitor saveONenergy E-blasts for any further updates and should you have any other questions or comments please contact LDC.Support@powerauthority.on.ca.

We appreciate your ongoing collaboration and cooperation throughout the reporting and evaluation process. We look forward to another successful year.

Sincerely,

Andrew Pride

Table of Contents

OPA-Contracted Province-Wide CDM Programs FINAL 2012 Results

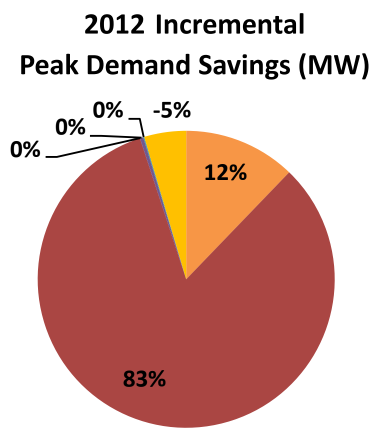
LDC: COLLUS Power Corporation

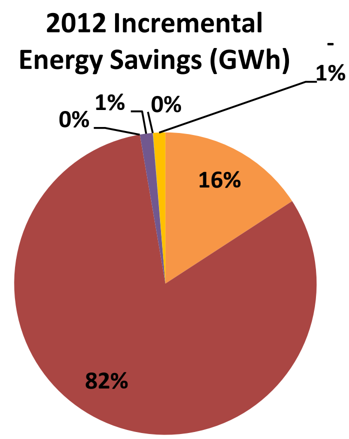
FINAL 2012 Progress to Targets	2012 Incremental	Program-to-Date Progress to Target (Scenario 1)	Scenario 1: % of Target Achieved	Scenario 2: % of Target Achieved
Net Annual Peak Demand Savings (MW)	0.3	0.4	**12.4%**	**13.6%**
Net Energy Savings (GWh)	1.0	5.9	**39.7%**	**39.7%**

Scenario 1 = Assumes that demand resource resources have a persistence of 1 year

Scenario 2 = Assumes that demand response resources remain in your territory until 2014

Achievement by Sector

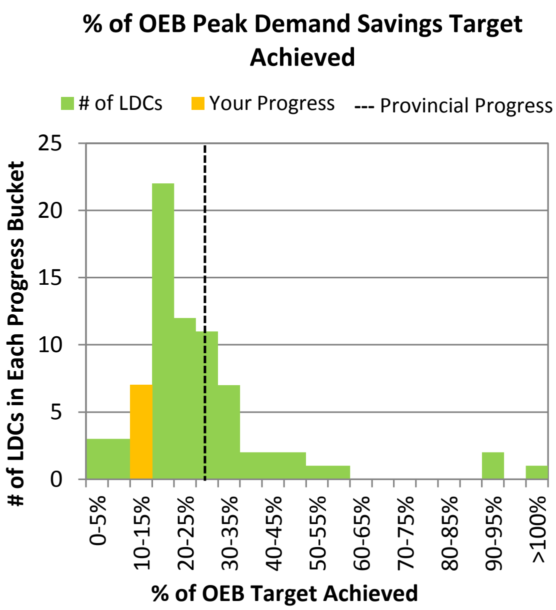




Consumer Business Industrial HAP Pre-2011 True-up

Comparison: Your Achievement vs. LDC Community Achievement (Progress to Target)

The following graphs assume that demand response resources remain in your territory until 2014 (aligns with Scenario 2)



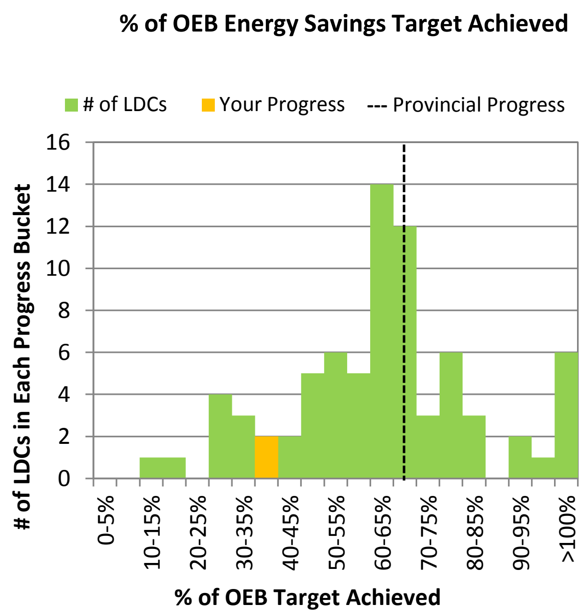


Table 1: **COLLUS Power Corporation** Initiative and Program Level Savings by Year (Scenario 1)

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)				Program-to-Date Verified Progress to Target (excludes DR)	
														2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh)
		2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program															
Appliance Retirement	Appliances	128	97			8	5			52,747	38,949			12	327,532
Appliance Exchange	Appliances	11	2			1	0			1,671	542			1	7,863
HVAC Incentives	Equipment	147	111			46	27			87,511	48,132			73	494,440
Conservation Instant Coupon Booklet	Items	1,432	88			3	1			53,469	3,996			4	225,863
Bi-Annual Retailer Event	Items	2,487	3,032			5	4			83,982	76,536			9	565,535
Retailer Co-op	Items	0	0			0	0			0	0			0	0
Residential Demand Response (switch/pstat)	Devices	0	0			0	0			0	0			0	0
Residential Demand Response (IHD)	Devices	0	0			0				0					
Residential New Construction	Homes	0	0			0	0			0	0			0	0
Consumer Program Total						**63**	**37**			**279,380**	**168,155**			**99**	**1,621,233**
Business Program															
Retrofit	Projects	4	9			16	170			116,644	692,251			178	2,497,360
Direct Install Lighting	Projects	37	40			61	45			161,529	173,197			77	1,083,775
Building Commissioning	Buildings	0	0			0	0			0	0			0	0
New Construction	Buildings	0	0			0	0			0	0			0	0
Energy Audit	Audits	0	0			0	0			0	0			0	0
Small Commercial Demand Response	Devices	0	0			0	0			0	0			0	0
Small Commercial Demand Response (IHD)	Devices	0	0			0				0				0	0
Demand Response 3	Facilities	1	1			37	37			1,451	542			0	1,993
Business Program Total						**114**	**252**			**279,625**	**865,990**			**255**	**3,583,128**
Industrial Program															
Process & System Upgrades	Projects	0	0			0	0			0	0			0	0
Monitoring & Targeting	Projects	0	0			0	0			0	0			0	0
Energy Manager	Projects	0	0			0	0			0	0			0	0
Retrofit	Projects	1				3				20,487				3	81,948
Demand Response 3	Facilities	0	0			0	0			0	0			0	0
Industrial Program Total						**3**	**0**			**20,487**	**0**			**3**	**81,948**
Home Assistance Program															
Home Assistance Program	Homes	0	19			0	1			0	14,523			1	43,570
Home Assistance Program Total						**0**	**1**			**0**	**14,523**			**1**	**43,570**
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	2	0			3	0			15,807	0			3	63,228
High Performance New Construction	Projects	2	0			44	0			225,075	313			44	901,238
Toronto Comprehensive	Projects	0	0			0	0			0	0			0	0
Multifamily Energy Efficiency Rebates	Projects	0	0			0	0			0	0			0	0
LDC Custom Programs	Projects	0	0			0	0			0	0			0	0
Pre-2011 Programs completed in 2011 Total						**47**	**0**			**240,882**	**313**			**47**	**964,466**
Other															
Program Enabled Savings	Projects	0	0			0	0			0	0			0	0
Time-of-Use Savings	Homes														
Other Total							**0**				**0**			**0**	**0**
Adjustments to Previous Year's Verified Results							**-14**				**-86,828**			**-14**	**-347,311**
Energy Efficiency Total						**188**	**254**			**818,923**	**1,048,439**			**405**	**6,292,352**
Demand Response Total (Scenario 1)						**37**	**37**			**1,451**	**542**			**0**	**1,993**
OPA-Contracted LDC Portfolio Total (inc. Adjustments)						**226**	**277**			**820,374**	**962,153**			**391**	**5,947,033**
													Full OEB Target:	**3,140**	**14,970,000**
													% of Full OEB Target Achieved to Date (Scenario 1):	**12.4%**	**39.7%**

Activity & savings for Demand Response resources for each year and quarter represent the savings from all active facilities or devices contracted since January 1, 2011.

Due to the limited timeframe of data, which didn't include the summer months, 2012 IHD results have been deemed inconclusive. The IHD line item on the 2012 annual report will be left blank. Once a full year of data is available (2013 evaluation), and the savings are quantified, 2012 results will be updated to reflect the quantified savings.

Table 2: Adjustments to **COLLUS Power Corporation** Verified Results due to Errors or Omissions (Scenario 1)

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)				Program-to-Date Verified Progress to Target (excludes DR): 2014 Net Annual Peak Demand Savings (kW)	Program-to-Date Verified Progress to Target (excludes DR): 2011-2014 Net Cumulative Energy Savings (kWh)
		2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program															
Appliance Retirement	Appliances	0				0				0				0	0
Appliance Exchange	Appliances	0				0				0				0	0
HVAC Incentives	Equipment	-48				-14				-26,608				-14	-106,432
Conservation Instant Coupon Booklet	Items	23				0				788				0	3,151
Bi-Annual Retailer Event	Items	234				0				6,240				0	24,958
Retailer Co-op	Items	0				0				0				0	0
Residential Demand Response (switch/pstat)*	Devices	0				0				0				0	0
Residential Demand Response (IHD)	Devices	0				0				0				0	0
Residential New Construction	Homes	0				0				0				0	0
Consumer Program Total						**-14**				**-19,581**				**-14**	**-78,323**
Business Program															
Retrofit	Projects	0				0				0				0	0
Direct Install Lighting	Projects	0				0				0				0	0
Building Commissioning	Buildings	0				0				0				0	0
New Construction	Buildings	0				0				0				0	0
Energy Audit	Audits	0				0				0				0	0
Small Commercial Demand Response (switch/pstat)*	Devices	0				0				0				0	0
Small Commercial Demand Response (IHD)	Devices	0				0				0				0	0
Demand Response 3*	Facilities	0				0				0				0	0
Business Program Total						**0**				**0**				**0**	**0**
Industrial Program															
Process & System Upgrades	Projects	0				0				0				0	0
Monitoring & Targeting	Projects	0				0				0				0	0
Energy Manager	Projects	0				0				0				0	0
Retrofit	Projects	0				0				0				0	0
Demand Response 3*	Facilities	0				0				0				0	0
Industrial Program Total						**0**				**0**				**0**	**0**
Home Assistance Program															
Home Assistance Program	Homes	0				0				0				0	0
Home Assistance Program Total						**0**				**0**				**0**	**0**
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	0				0				0				0	0
High Performance New Construction	Projects	0				0				-67,247				0	-268,989
Toronto Comprehensive	Projects	0				0				0				0	0
Multifamily Energy Efficiency Rebates	Projects	0				0				0				0	0
LDC Custom Programs	Projects	0				0				0				0	0
Pre-2011 Programs completed in 2011 Total						**0**				**-67,247**				**0**	**-268,989**
Other															
Program Enabled Savings	Projects	0				0				0				0	0
Time-of-Use Savings	Homes														
Other Total						**0**				**0**				**0**	**0**
Adjustments to Previous Year's Verified Results						**-14**				**-86,828**				**-14**	**-347,311**

* Activity & savings for Demand Response resources for each year and quarter represent the savings from all active facilities or devices contracted since January 1, 2011.

Table 3: COLLUS Power Corporation Realization Rate & NTG

Initiative	Peak Demand Savings								Energy Savings							
	Realization Rate				Net-to-Gross Ratio				Realization Rate				Net-to-Gross Ratio			
	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program																
Appliance Retirement		1.00				0.47				1.00				0.47		
Appliance Exchange		1.00				0.52				1.00				0.52		
HVAC Incentives		1.00				0.49				1.00				0.49		
Conservation Instant Coupon Booklet		1.00				1.00				1.00				1.05		
Bi-Annual Retailer Event		1.00				0.91				1.00				0.92		
Retailer Co-op		n/a				n/a				n/a				n/a		
Residential Demand Response (switch/pstat)*		n/a				n/a				n/a				n/a		
Residential Demand Response (IHD)		n/a				n/a				n/a				n/a		
Residential New Construction		n/a				n/a				n/a				n/a		
Business Program																
Retrofit		0.93				0.77				1.14				0.79		
Direct Install Lighting		0.68				0.94				0.85				0.94		
Building Commissioning		n/a				n/a				n/a				n/a		
New Construction		n/a				n/a				n/a				n/a		
Energy Audit		n/a				n/a				n/a				n/a		
Small Commercial Demand Response (switch/pstat)*		n/a				n/a				n/a				n/a		
Small Commercial Demand Response (IHD)		n/a				n/a				n/a				n/a		
Demand Response 3*		n/a				n/a				n/a				n/a		
Industrial Program																
Process & System Upgrades		n/a				n/a				n/a				n/a		
Monitoring & Targeting		n/a				n/a				n/a				n/a		
Energy Manager		n/a				n/a				n/a				n/a		
Retrofit																
Demand Response 3*		n/a				n/a				n/a				n/a		
Home Assistance Program																
Home Assistance Program		0.98				1.00				0.99				1.00		
Pre-2011 Programs completed in 2011																
Electricity Retrofit Incentive Program		n/a				n/a				n/a				n/a		
High Performance New Construction		1.00				0.50				1.00				0.50		
Toronto Comprehensive		n/a				n/a				n/a				n/a		
Multifamily Energy Efficiency Rebates		n/a				n/a				n/a				n/a		
LDC Custom Programs		n/a				n/a				n/a				n/a		
Other																
Program Enabled Savings		n/a				n/a				n/a				n/a		
Time-of-Use Savings		n/a				n/a				n/a				n/a		

Progress Towards CDM Targets

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

Table 4: Net Peak Demand Savings at the End User Level (MW)

Implementation Period	Annual			
	2011	2012	2013	2014
2011 - Verified	0.2	0.2	0.2	0.2
2012 - Verified		0.3	0.2	0.2
2013				
2014				
Verified Net Annual Peak Demand Savings Persisting in 2014:				0.4
COLLUS Power Corporation 2014 Annual CDM Capacity Target				3.1
Verified Portion of Peak Demand Savings Target Achieved in 2014(%):				12.4%

Table 5: Net Energy Savings at the End User Level (GWh)

Implementation Period	Annual				Cumulative
	2011	2012	2013	2014	2011-2014
2011 - Verified	0.8	0.8	0.8	0.7	3.2
2012 - Verified		1.0	0.9	0.9	2.8
2013					
2014					
Verified Net Cumulative Energy Savings 2011-2014:					5.9
COLLUS Power Corporation 2011-2014 Annual CDM Energy Target					15.0
Verified Portion of Cumulative Energy Target Achieved (%):					39.7%

*2011 energy adjustments included in cumulative energy savings.

Table 6: Province-Wide Initiatives and Program Level Savings by Year

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)				Program-to-Date Verified Progress to Target (excludes DR): 2014 Net Annual Peak Demand Savings (kW)	Program-to-Date Verified Progress to Target (excludes DR): 2011-2014 Net Cumulative Energy Savings (kWh)
		2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program															
Appliance Retirement	Appliances	56,110	34,146			3,299	2,011			23,005,812	13,424,518			5,171	132,176,857
Appliance Exchange	Appliances	3,688	3,836			371	556			450,187	974,621			689	4,512,525
HVAC Incentives	Equipment	111,587	85,221			32,037	19,060			59,437,670	32,841,283			51,097	336,274,530
Conservation Instant Coupon Booklet	Items	559,462	30,891			1,344	230			21,211,537	1,398,202			1,575	89,040,754
Bi-Annual Retailer Event	Items	870,332	1,060,901			1,681	1,480			29,387,468	26,781,674			3,161	197,894,897
Retailer Co-op	Items	152	0			0	0			2,652	0			0	10,607
Residential Demand Response (switch/pstat)*	Devices	19,550	98,388			10,947	49,038			24,870	359,408			0	384,279
Residential Demand Response (IHD)	Devices	0	49,689			0				0					
Residential New Construction	Homes	7	19			0	2			743	17,152			2	54,430
Consumer Program Total						**49,681**	**72,377**			**133,520,941**	**75,796,859**			**61,696**	**760,348,879**
Business Program															
Retrofit	Projects	2,516	5,605			24,467	61,147			136,002,258	314,922,468			84,018	1,480,647,459
Direct Install Lighting	Projects	20,297	18,494			23,724	15,284			61,076,701	57,345,798			31,181	391,072,869
Building Commissioning	Buildings	0	0			0	0			0	0			0	0
New Construction	Buildings	10	69			123	764			411,717	1,814,721			888	7,091,031
Energy Audit	Audits	103	280			0	1,450			0	7,049,351			1,450	21,148,054
Small Commercial Demand Response	Devices	132	294			84	187			157	1,068			0	1,224
Small Commercial Demand Response (IHD)	Devices	0	0			0				0				0	0
Demand Response 3*	Facilities	145	151			16,218	19,389			633,421	281,823			0	915,244
Business Program Total						**64,617**	**98,221**			**198,124,253**	**381,415,230**			**117,535**	**1,900,875,881**
Industrial Program															
Process & System Upgrades	Projects	0	0			0	0			0	0			0	0
Monitoring & Targeting	Projects	0	0			0	0			0	0			0	0
Energy Manager	Projects	0	39			0	1,086			0	7,372,108			1,086	22,116,324
Retrofit	Projects	433				4,615				28,866,840				4,613	115,462,282
Demand Response 3*	Facilities	124	185			52,484	74,056			3,080,737	1,784,712			0	4,865,449
Industrial Program Total						**57,098**	**75,141**			**31,947,577**	**9,156,820**			**5,699**	**142,444,054**
Home Assistance Program															
Home Assistance Program	Homes	46	5,033			2	566			39,283	5,442,232			569	16,483,831
Home Assistance Program Total						**2**	**566**			**39,283**	**5,442,232**			**569**	**16,483,831**
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	2,016	0			21,662	0			121,138,219	0			21,662	484,552,876
High Performance New Construction	Projects	145	69			5,098	3,251			26,185,591	11,901,944			8,349	140,448,197
Toronto Comprehensive	Projects	577	0			15,805	0			86,964,886	0			15,805	347,859,545
Multifamily Energy Efficiency Rebates	Projects	110	0			1,981	0			7,595,683	0			1,981	30,382,733
LDC Custom Programs	Projects	8	0			399	0			1,367,170	0			399	5,468,679
Pre-2011 Programs completed in 2011 Total						**44,945**	**3,251**			**243,251,550**	**11,901,944**			**48,195**	**1,008,712,030**
Other															
Program Enabled Savings	Projects	0	16			0	2,304			0	1,188,362			2,304	3,565,086
Time-of-Use Savings	Homes														
Other Total							**2,304**				**1,188,362**			**2,304**	**3,565,086**
Adjustments to Previous Year's Verified Results							**1,406**				**18,689,081**			**1,156**	**73,918,598**
Energy Efficiency Total						**136,610**	**109,191**			**603,144,419**	**482,474,435**			**235,998**	**3,826,263,564**
Demand Response Total (Scenario 1)						**79,733**	**142,670**			**3,739,185**	**2,427,011**			**0**	**6,166,196**
OPA-Contracted LDC Portfolio Total (inc. Adjustments)						**216,343**	**253,267**			**606,883,604**	**503,590,526**			**237,154**	**3,906,348,358**
													Full OEB Target:	**1,330,000**	**6,000,000,000**
													% of Full OEB Target Achieved to Date (Scenario 1):	**17.8%**	**65.1%**

* Activity & savings for Demand Response resources for each year and quarter represent the savings from all active facilities or devices contracted since January 1, 2011.

Due to the limited timeframe of data, which didn't include the summer months, 2012 IHD results have been deemed inconclusive. The IHD line item on the 2012 annual report will be left blank. Once a full year of data is available (2013 evaluation), and the savings are quantified, 2012 results will be updated to reflect the quantified savings.

Table 7: Adjustments to **Province-Wide** Verified Results due to Errors & Omissions (Scenario 1)

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period) 2011	2012	2013	2014	Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period) 2011	2012	2013	2014	Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period) 2011	2012	2013	2014	Program-to-Date Verified Progress to Target (excludes DR): 2014 Net Annual Peak Demand Savings (kW) 2014	2011-2014 Net Cumulative Energy Savings (kWh) 2014
Consumer Program															
Appliance Retirement	Appliances	0				0				0				0	0
Appliance Exchange	Appliances	0				0				0				0	0
HVAC Incentives	Equipment	-18,866				-5,278				-9,721,817				-5,278	-38,887,267
Conservation Instant Coupon Booklet	Items	8,216				16				275,655				16	1,102,621
Bi-Annual Retailer Event	Items	81,817				108				2,183,391				108	8,733,563
Retailer Co-op	Items	0				0				0				0	0
Residential Demand Response (switch/pstat)*	Devices	0				0				0				0	0
Residential Demand Response (IHD)	Devices	0				0				0				0	0
Residential New Construction	Homes	19				1				13,767				1	55,069
Consumer Program Total						**-5,153**				**-7,249,004**				**-5,153**	**-28,996,015**
Business Program															
Retrofit	Projects	303				3,204				16,216,165				3,083	64,398,674
Direct Install Lighting	Projects	444				501				1,250,388				372	4,624,945
Building Commissioning	Buildings	0				0				0				0	0
New Construction	Buildings	12				828				3,520,620				828	14,082,482
Energy Audit	Audits	93				481				2,341,392				481	9,365,567
Small Commercial Demand Response (switch/pstat)*	Devices	0				0				0				0	0
Small Commercial Demand Response (IHD)	Devices	0				0				0				0	0
Demand Response 3*	Facilities	0				0				0				0	0
Business Program Total						**5,014**				**23,328,565**				**4,764**	**92,471,668**
Industrial Program															
Process & System Upgrades	Projects	0				0				0				0	0
Monitoring & Targeting	Projects	0				0				0				0	0
Energy Manager	Projects	0				0				0				0	0
Retrofit	Projects	0				0				0				0	0
Demand Response 3*	Facilities	0				0				0				0	0
Industrial Program Total						**0**				**0**				**0**	**0**
Home Assistance Program															
Home Assistance Program	Homes	0				0				0				0	0
Home Assistance Program Total						**0**				**0**				**0**	**0**
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	12				138				545,536				138	2,182,145
High Performance New Construction	Projects	34				1,407				2,065,200				1,407	8,260,800
Toronto Comprehensive	Projects	0				0				0				0	0
Multifamily Energy Efficiency Rebates	Projects	0				0				0				0	0
LDC Custom Programs	Projects	0				0				0				0	0
Pre-2011 Programs completed in 2011 Total						**1,545**				**2,610,736**				**1,545**	**10,442,945**
Other															
Program Enabled Savings	Projects	0				0				0				0	0
Time-of-Use Savings	Homes														
Other Total						**0**				**0**				**0**	**0**
Adjustments to Previous Year's Verified Results						**1,406**				**18,690,297**				**1,156**	**73,918,598**

* Activity & savings for Demand Response resources for each year and quarter represent the savings from all active facilities or devices contracted since January 1, 2011.

Table 8: Province-Wide Realization Rate & NTG

Initiative	Peak Demand Savings								Energy Savings							
	Realization Rate				Net-to-Gross Ratio				Realization Rate				Net-to-Gross Ratio			
	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program																
Appliance Retirement		1.00				0.46				1.00				0.47		
Appliance Exchange		1.00				0.52				1.00				0.52		
HVAC Incentives		1.00				0.50				1.00				0.49		
Conservation Instant Coupon Booklet		1.00				1.00				1.00				1.05		
Bi-Annual Retailer Event		1.00				0.91				1.00				0.92		
Retailer Co-op		n/a				n/a				n/a				n/a		
Residential Demand Response (switch/pstat)*		n/a				n/a				n/a				n/a		
Residential Demand Response (IHD)		n/a				n/a				n/a				n/a		
Residential New Construction		3.65				0.49				7.17				0.49		
Business Program																
Retrofit		0.93				0.75				1.05				0.76		
Direct Install Lighting		0.69				0.94				0.85				0.94		
Building Commissioning		n/a				n/a				n/a				n/a		
New Construction		0.98				0.49				0.99				0.49		
Energy Audit		n/a				n/a				n/a				n/a		
Small Commercial Demand Response (switch/pstat)*		n/a				n/a				n/a				n/a		
Small Commercial Demand Response (IHD)		n/a				n/a				n/a				n/a		
Demand Response 3*		n/a				n/a				n/a				n/a		
Industrial Program																
Process & System Upgrades		n/a				n/a				n/a				n/a		
Monitoring & Targeting		n/a				n/a				n/a				n/a		
Energy Manager		1.16				0.90				1.16				0.90		
Retrofit																
Demand Response 3*		n/a				n/a				n/a				n/a		
Home Assistance Program																
Home Assistance Program		0.32				1.00				0.99				1.00		
Pre-2011 Programs completed in 2011																
Electricity Retrofit Incentive Program		n/a				n/a				n/a				n/a		
High Performance New Construction		1.00				0.50				1.00				0.50		
Toronto Comprehensive		n/a				n/a				n/a				n/a		
Multifamily Energy Efficiency Rebates		n/a				n/a				n/a				n/a		
LDC Custom Programs		n/a				n/a				n/a				n/a		
Other																
Program Enabled Savings		1.06				1.00				2.26				1.00		
Time-of-Use Savings		n/a				n/a				n/a				n/a		

Summary - Provincial Progress

Table 9: Province-Wide Net Peak Demand Savings at the End User Level (MW)

Implementation Period	Annual			
	2011	2012	2013	2014
2011	216.3	136.6	135.8	129.0
2012		253.3	109.8	108.2
2013				
2014				
Verified Net Annual Peak Demand Savings in 2014:				**237.2**
2014 Annual CDM Capacity Target				**1,330**
Verified Peak Demand Savings Target Achieved - 2011 (%):				**17.8%**

Table 10: Province-Wide Net Energy Savings at the End-User Level (GWh)

Implementation Period	Annual				Cumulative
	2011	2012	2013	2014	2011-2014
2011	606.9	603.0	601.0	582.3	2,393
2012		503.6	498.4	492.6	1,513
2013					
2014					
Verified Net Cumulative Energy Savings 2011-2014:					**3,906**
2011-2014 Cumulative CDM Energy Target:					**6,000**
Verified Portion of Energy Target Achieved - 2011 (%):					**65.1%**

*2011 energy adjustments included in cumulative energy savings.

METHODOLOGY

All results are at the end-user level (not including transmission and distribution losses)

EQUATIONS	
Prescriptive Measures and Projects	**Gross Savings =** Activity * Per Unit Assumption **Net Savings =** Gross Savings * Net-to-Gross Ratio All savings are annualized (i.e. the savings are the same regardless of time of year a project was completed or measure installed)
Engineered and Custom Projects	**Gross Savings =** Reported Savings * Realization Rate **Net Savings =** Gross Savings * Net-to-Gross Ratio All savings are annualized (i.e. the savings are the same regardless of time of year a project was completed or measure installed)
Demand Response	**Peak Demand: Gross Savings = Net Savings =** contracted MW at contributor level * Provincial contracted to ex ante ratio **Energy: Gross Savings = Net Savings =** provincial ex post energy savings * LDC proportion of total provincial contracted MW All savings are annualized (i.e. the savings are the same regardless of the time of year a participant began offering DR)
Adjustments to Previous Year's Verified Results	All errors and omissions from the prior years Final Annual Results report will be adjusted within this report. Any errors and ommissions with regards to projects counts, data lag, and calculations etc., will be made within this report. Considers the cumulative effect of energy savings.

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Consumer Program			
Appliance Retirement	Includes both retail and home pickup stream; Retail stream allocated based on average of 2008 & 2009 residential throughput; Home pickup stream directly attributed by postal code or customer selection	Savings are considered to begin in the year the appliance is picked up.	**Peak demand and energy savings** are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
Appliance Exchange	When postal code information is provided by customer, results are directly attributed to the LDC. When postal code is not available, results allocated based on average of 2008 & 2009 residential throughput	Savings are considered to begin in the year that the exchange event occurred	
HVAC Incentives	Results directly attributed to LDC based on customer postal code	Savings are considered to begin in the year that the installation occurred	

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Conservation Instant Coupon Booklet	LDC-coded coupons directly attributed to LDC; Otherwise results are allocated based on average of 2008 & 2009 residential throughput	Savings are considered to begin in the year in which the coupon was redeemed.	**Peak demand and energy savings** are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
Bi-Annual Retailer Event	Results are allocated based on average of 2008 & 2009 residential throughput	Savings are considered to begin in the year in which the event occurs.	
Retailer Co-op	When postal code information is provided by the customer, results are directly attributed. If postal code information is not available, results are allocated based on average of 2008 & 2009 residential throughput.	Savings are considered to begin in the year of the home visit and installation date.	**Peak demand and energy savings** are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
Residential Demand Response	Results are directly attributed to LDC based on data provided to OPA through project completion reports and continuing participant lists	Savings are considered to begin in the year the device was installed and/or when a customer signed a ***peaksaver*** PLUS™ participant agreement.	**Peak demand savings** are based on an ex ante estimate assuming a 1 in 10 weather year and represents the "insurance value" of the initiative. **Energy savings** are based on an ex post estimate which reflects the savings that occurred as a result of activations in the year and accounts for any “snapback” in energy consumption experienced after the event. Savings are assumed to **persist** for only 1 year, reflecting that savings will only occur if the resource is activated.

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Residential New Construction	Results are directly attributed to LDC based on LDC identified in application in the saveONenergy CRM system; Initiative was not evaluated in 2011, reported results are presented with forecast assumptions as per the business case.	Savings are considered to begin in the year of the project completion date.	**Peak demand and energy savings** are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
Business Program			
Efficiency: Equipment Replacement	Results are directly attributed to LDC based on LDC identified at the facility level in the saveONenergy CRM; Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment denied by LDC"); Please see "Reference Tables" tab for Building type to Sector mapping	Savings are considered to begin in the year of the actual project completion date on the iCON CRM system.	**Peak demand and energy savings** are determined by the total savings for a given project as reported in the iCON CRM system (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). Both realization rate and net-to-gross ratios can differ for energy and demand savings and depend on the mix of projects within an LDC territory (i.e. lighting or non-lighting project, engineered/custom/prescriptive track).
	Additional Note: project counts were derived by filtering out "Application Status" = "Post-Project Submission - Payment denied by LDC" and only including projects with an "Actual Project Completion Date" in 2012 and pulling both the "Application Name" field followed by the "Building Address 1" field from the Post Stage Retrofit Report and finally performing a count of the Building Addresses.		

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Direct Installed Lighting	Results are directly attributed to LDC based on the LDC specified on the work order	Savings are considered to begin in the year of the actual project completion date.	**Peak demand and energy savings** are determined using the verified measure level per unit assumptions multiplied by the uptake of each measure accounting for the realization rate for both peak demand and energy to reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings take into account net-to-gross factors such as free-ridership and spillover for both peak demand and energy savings at the program level (net).
Existing Building Commissioning Incentive	Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated, no completed projects in 2011 or 2012.	Savings are considered to begin in the year of the actual project completion date.	**Peak demand and energy savings** are determined by the total savings for a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).
New Construction and Major Renovation Incentive	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year of the actual project completion date.	
Energy Audit	Projects are directly attributed to LDC based on LDC identified in the application	Savings are considered to begin in the year of the audit date.	**Peak demand and energy savings** are determined by the total savings resulting from an audit as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Commercial Demand Response (part of the Residential program schedule)	Results are directly attributed to LDC based on data provided to OPA through project completion reports and continuing participant lists	Savings are considered to begin in the year the device was installed and/or when a customer signed a ***peaksaver*** PLUS™ participant agreement.	**Peak demand savings** are based on an ex ante estimate assuming a 1 in 10 weather year and represents the "insurance value" of the initiative. **Energy savings** are based on an ex post estimate which reflects the savings that occurred as a result of activations in the year. Savings are assumed to **persist** for only 1 year, reflecting that savings will only occur if the resource is activated.
Demand Response 3 (part of the Industrial program schedule)	Results are attributed to LDCs based on the total contracted megawatts at the contributor level as of December 31st, applying the provincial ex ante to contracted ratio (ex ante estimate/contracted megawatts); Ex post energy savings are attributed to the LDC based on their proportion of the total contracted megawatts at the contributor level.	Savings are considered to begin in the year in which the contributor signed up to participate in demand response.	**Peak demand savings** are ex ante estimates based on the load reduction capability that can be expected for the purposes of planning. The ex ante estimates factor in both scheduled non-performances (i.e. maintenance) and historical performance. **Energy savings** are based on an ex post estimate which reflects the savings that actually occurred as a results of activations in the year. Savings are assumed to persist for 1 year, reflecting that savings will not occur if the resource is not activated and additional costs are incurred to activate the resource.
Industrial Program			
Process & System Upgrades	Results are directly attributed to LDC based on LDC identified in application in the saveONenergy CRM system; Initiative was not evaluated, no completed projects in 2011 or 2012.	Savings are considered to begin in the year in which the incentive project was completed.	**Peak demand and energy savings** are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Monitoring & Targeting	Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated, no completed projects in 2011 or 2012.	Savings are considered to begin in the year in which the incentive project was completed.	**Peak demand and energy savings** are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).
Energy Manager	Results are directly attributed to LDC based on LDC identified in the application; No completed projects in 2011 or 2012.	Savings are considered to begin in the year in which the project was completed by the energy manager. If no date is specified the savings will begin the year of the Quarterly Report submitted by the energy manager.	**Peak demand and energy savings** are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Efficiency: Equipment Replacement Incentive (part of the C&I program schedule)	Results are directly attributed to LDC based on LDC identified at the facility level in the saveONenergy CRM; Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment denied by LDC"); Please see "Reference Tables" tab for Building type to Sector mapping	Savings are considered to begin in the year of the actual project completion date on the iCON CRM system.	**Peak demand and energy savings** are determined by the total savings for a given project as reported in the iCON CRM system (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). Both realization rate and net-to-gross ratios can differ for energy and demand savings and depend on the mix of projects within an LDC territory (i.e. lighting or non-lighting project, engineered/custom/prescriptive track).
Demand Response 3	Results are attributed to LDCs based on the total contracted megawatts at the contributor level as of December 31st, applying the provincial ex ante to contracted ratio (ex ante estimate/contracted megawatts); Ex post energy savings are attributed to the LDC based on their proportion of the total contracted megawatts at the contributor level.	Savings are considered to begin in the year in which the contributor signed up to participate in demand response.	**Peak demand savings** are ex ante estimates based on the load reduction capability that can be expected for the purposes of planning. The ex ante estimates factor in both scheduled non-performances (i.e. maintenance) and historical performance. **Energy savings** are based on an ex post estimate which reflects the savings that actually occurred as a results of activations in the year. Savings are assumed to persist for 1 year, reflecting that savings will not occur if the resource is not activated and additional costs are incurred to activate the resource.
Home Assistance Program			

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Home Assistance Program	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the measures were installed.	**Peak demand and energy savings** are determined using the measure level per unit assumption multiplied by the uptake of each measure (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
Pre-2011 Programs completed in 2011			
Electricity Retrofit Incentive Program	Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated in 2011 or 2012, assumptions as per 2010 evaluation	Savings are considered to begin in the year in which a project was completed.	**Peak demand and energy savings** are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). **If energy savings are not available,** an estimate is made based on the kWh to kW ratio in the provincial results from the 2010 evaluated results (http://www.powerauthority.on.ca/evaluation-measurement-and-verification/evaluation-reports).
High Performance New Construction	Results are directly attributed to LDC based on customer data provided to the OPA from Enbridge; Initiative was not evaluated in 2011 or 2012, assumptions as per 2010 evaluation	Savings are considered to begin in the year in which a project was completed.	
Toronto Comprehensive	Program run exclusively in Toronto Hydro-Electric System Limited service territory; Initiative was not evaluated in 2011 or 2012, assumptions as per 2010 evaluation		

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Multifamily Energy Efficiency Rebates	Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated in 2011 or 2012, assumptions as per 2010 evaluation	Savings are considered to begin in the year in which a project was completed.	**Peak demand and energy savings** are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). **If energy savings are not available,** an estimate is made based on the kWh to kW ratio in the provincial results from the 2010 evaluated results (http://www.powerauthority.on.ca/evaluation-measurement-and-verification/evaluation-reports).
Data Centre Incentive Program	Program run exclusively in PowerStream Inc. service territory; Initiative was not evaluated in 2011, assumptions as per 2009 evaluation		
EnWin Green Suites	Program run exclusively in ENWIN Utilities Ltd. service territory; Initiative was not evaluated in 2011 or 2012, assumptions as per 2010 evaluation		

ERII Sector (C&I vs. Industrial Mapping)

Building Type	Sector
Agribusiness - Cattle Farm	C&I
Agribusiness - Dairy Farm	C&I
Agribusiness - Greenhouse	C&I
Agribusiness - Other	C&I
Agribusiness - Other,Mixed-Use - Office/Retail	C&I
Agribusiness - Other,Office,Retail,Warehouse	C&I
Agribusiness - Other,Office,Warehouse	C&I
Agribusiness - Poultry	C&I
Agribusiness - Poultry,Hospitality - Motel	C&I
Agribusiness - Swine	C&I
Convenience Store	C&I
Education - College / Trade School	C&I
Education - College / Trade School,Multi-Residential - Condominium	C&I
Education - College / Trade School,Multi-Residential - Rental Apartment	C&I
Education - College / Trade School,Retail	C&I
Education - Primary School	C&I
Education - Primary School,Education - Secondary School	C&I
Education - Primary School,Multi-Residential - Rental Apartment	C&I
Education - Primary School,Not-for-Profit	C&I
Education - Secondary School	C&I
Education - University	C&I
Education - University,Office	C&I
Hospital/Healthcare - Clinic	C&I
Hospital/Healthcare - Clinic,Hospital/Healthcare - Long-term Care,Hospital/Healthcare - Medical Building	C&I
Hospital/Healthcare - Clinic,Industrial	C&I
Hospital/Healthcare - Clinic,Retail	C&I
Hospital/Healthcare - Long-term Care	C&I
Hospital/Healthcare - Long-term Care,Hospital/Healthcare - Medical Building	C&I
Hospital/Healthcare - Medical Building	C&I
Hospital/Healthcare - Medical Building,Mixed-Use - Office/Retail	C&I
Hospital/Healthcare - Medical Building,Mixed-Use - Office/Retail,Office	C&I
Hospitality - Hotel	C&I
Hospitality - Hotel,Restaurant - Dining	C&I
Hospitality - Motel	C&I
Industrial	Industrial
Mixed-Use - Office/Retail	C&I
Mixed-Use - Office/Retail,Industrial	Industrial
Mixed-Use - Office/Retail,Mixed-Use - Other	C&I
Mixed-Use - Office/Retail,Mixed-Use - Other,Not-for-Profit,Warehouse	C&I
Mixed-Use - Office/Retail,Mixed-Use - Residential/Retail	C&I
Mixed-Use - Office/Retail,Office,Restaurant - Dining,Restaurant - Quick Serve,Retail,Warehouse	C&I

Mixed-Use - Office/Retail,Office,Warehouse	C&I
Mixed-Use - Office/Retail,Retail	C&I
Mixed-Use - Office/Retail,Warehouse	C&I
Mixed-Use - Office/Retail,Warehouse,Industrial	Industrial
Mixed-Use - Other	C&I
Mixed-Use - Other,Industrial	Industrial
Mixed-Use - Other,Not-for-Profit,Office	C&I
Mixed-Use - Other,Office	C&I
Mixed-Use - Other,Other: Please specify	C&I
Mixed-Use - Other,Retail,Warehouse	C&I
Mixed-Use - Other,Warehouse	C&I
Mixed-Use - Residential/Retail	C&I
Mixed-Use - Residential/Retail,Multi-Residential - Condominium	C&I
Mixed-Use - Residential/Retail,Multi-Residential - Rental Apartment	C&I
Mixed-Use - Residential/Retail,Retail	C&I
Multi-Residential - Condominium	C&I
Multi-Residential - Condominium,Multi-Residential - Rental Apartment	C&I
Multi-Residential - Condominium,Other: Please specify	C&I
Multi-Residential - Rental Apartment	C&I
Multi-Residential - Rental Apartment,Multi-Residential - Social Housing Provider,Not-for-Profit	C&I
Multi-Residential - Rental Apartment,Not-for-Profit	C&I
Multi-Residential - Rental Apartment,Warehouse	C&I
Multi-Residential - Social Housing Provider	C&I
Multi-Residential - Social Housing Provider,Industrial	C&I
Multi-Residential - Social Housing Provider,Not-for-Profit	C&I
Not-for-Profit	C&I
Not-for-Profit,Office	C&I
Not-for-Profit,Other: Please specify	C&I
Not-for-Profit,Warehouse	C&I
Office	C&I
Office,Industrial	Industrial
Office,Other: Please specify	C&I
Office,Other: Please specify,Warehouse	C&I
Office,Restaurant - Dining	C&I
Office,Restaurant - Dining,Industrial	Industrial
Office,Retail	C&I
Office,Retail,Industrial	C&I
Office,Retail,Warehouse	C&I
Office,Warehouse	C&I
Office,Warehouse,Industrial	Industrial
Other: Please specify	C&I
Other: Please specify,Industrial	Industrial
Other: Please specify,Retail	C&I
Other: Please specify,Warehouse	C&I
Restaurant - Dining	C&I
Restaurant - Dining,Retail	C&I

Restaurant - Quick Serve	C&I
Restaurant - Quick Serve,Retail	C&I
Retail	C&I
Retail,Industrial	Industrial
Retail,Warehouse	C&I
Warehouse	C&I
Warehouse,Industrial	Industrial

Consumer Program Allocation Methodology

Results can be allocated based on average of 2008 & 2009 residential throughput for each LDC (below) when additional information is not available. Source: OEB Yearbook Data 2008 & 2009

Local Distribution Company	Allocation
Algoma Power Inc.	0.2%
Atikokan Hydro Inc.	0.0%
Attawapiskat Power Corporation	0.0%
Bluewater Power Distribution Corporation	0.6%
Brant County Power Inc.	0.2%
Brantford Power Inc.	0.7%
Burlington Hydro Inc.	1.4%
Cambridge and North Dumfries Hydro Inc.	1.0%
Canadian Niagara Power Inc.	0.5%
Centre Wellington Hydro Ltd.	0.1%
Chapleau Public Utilities Corporation	0.0%
COLLUS Power Corporation	0.3%
Cooperative Hydro Embrun Inc.	0.0%
E.L.K. Energy Inc.	0.2%
Enersource Hydro Mississauga Inc.	3.9%
ENTEGRUS	0.6%
ENWIN Utilities Ltd.	1.6%
Erie Thames Powerlines Corporation	0.4%
Espanola Regional Hydro Distribution Corporation	0.1%
Essex Powerlines Corporation	0.7%
Festival Hydro Inc.	0.3%
Fort Albany Power Corporation	0.0%
Fort Frances Power Corporation	0.1%
Greater Sudbury Hydro Inc.	1.0%
Grimsby Power Inc.	0.2%
Guelph Hydro Electric Systems Inc.	0.9%
Haldimand County Hydro Inc.	0.4%
Halton Hills Hydro Inc.	0.5%
Hearst Power Distribution Company Limited	0.1%
Horizon Utilities Corporation	4.0%
Hydro 2000 Inc.	0.0%
Hydro Hawkesbury Inc.	0.1%
Hydro One Brampton Networks Inc.	2.8%
Hydro One Networks Inc.	30.0%

Hydro Ottawa Limited	5.6%
Innisfil Hydro Distribution Systems Limited	0.4%
Kashechewan Power Corporation	0.0%
Kenora Hydro Electric Corporation Ltd.	0.1%
Kingston Hydro Corporation	0.5%
Kitchener-Wilmot Hydro Inc.	1.6%
Lakefront Utilities Inc.	0.2%
Lakeland Power Distribution Ltd.	0.2%
London Hydro Inc.	2.7%
Middlesex Power Distribution Corporation	0.1%
Midland Power Utility Corporation	0.1%
Milton Hydro Distribution Inc.	0.6%
Newmarket - Tay Power Distribution Ltd.	0.7%
Niagara Peninsula Energy Inc.	1.0%
Niagara-on-the-Lake Hydro Inc.	0.2%
Norfolk Power Distribution Inc.	0.3%
North Bay Hydro Distribution Limited	0.5%
Northern Ontario Wires Inc.	0.1%
Oakville Hydro Electricity Distribution Inc.	1.5%
Orangeville Hydro Limited	0.2%
Orillia Power Distribution Corporation	0.3%
Oshawa PUC Networks Inc.	1.2%
Ottawa River Power Corporation	0.2%
Parry Sound Power Corporation	0.1%
Peterborough Distribution Incorporated	0.7%
PowerStream Inc.	6.6%
PUC Distribution Inc.	0.9%
Renfrew Hydro Inc.	0.1%
Rideau St. Lawrence Distribution Inc.	0.1%
Sioux Lookout Hydro Inc.	0.1%
St. Thomas Energy Inc.	0.3%
Thunder Bay Hydro Electricity Distribution Inc.	0.9%
Tillsonburg Hydro Inc.	0.1%
Toronto Hydro-Electric System Limited	12.8%
Veridian Connections Inc.	2.4%
Wasaga Distribution Inc.	0.2%
Waterloo North Hydro Inc.	1.0%
Welland Hydro-Electric System Corp.	0.4%
Wellington North Power Inc.	0.1%
West Coast Huron Energy Inc.	0.1%
Westario Power Inc.	0.5%
Whitby Hydro Electric Corporation	0.9%
Woodstock Hydro Services Inc.	0.3%

Reporting Glossary

Annual: the peak demand or energy savings that occur in a given year (includes resource savings from new program activity in a given year and resource savings persisting from previous years).

Cumulative Energy Savings: represents the sum of the annual energy savings that accrue over a defined period (in the context of this report the defined period is 2011 - 2014). This concept does not apply to peak demand savings.

End-User Level: resource savings in this report are measured at the customer level as opposed to the generator level (the difference being line losses).

Free-ridership: the percentage of participants who would have implemented the program measure or practice in the absence of the program.

Incremental: the new resource savings attributable to activity procured in a particular reporting period based on when the savings are considered to 'start' (please see table 5).

Initiative: a Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (i.e. Retrofit, Fridge & Freezer Pickup).

Net-to-Gross Ratio: The ratio of net savings to gross savings, which takes into account factors such as free-ridership and spillover

Net Energy Savings (MWh): energy savings attributable to conservation and demand management activities net of free-riders, etc.

Net Peak Demand Savings (MW): peak demand savings attributable to conservation and demand management activities net of free-riders, etc.

Program: a group of initiatives that target a particular market sector (i.e. Consumer, Industrial).

Realization Rate: A comparison of observed or measured (evaluated) information to original reported savings which is used to adjust the gross savings estimates.

Settlement Account: the grouping of demand response facilities (contributors) into one contractual agreement

Spillover: Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover.

Unit: for a specific initiative the relevant type of activity acquired in the market place (i.e. appliances picked up, projects completed, coupons redeemed).

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Collus PowerStream Corp
Employee Costs

	2009	2009	2010	2011	2012	2013
	LRY - Board Approved	LRY - Actual	Historical Year 2	Historical Year 1	Bridge Year	Test Year
Number of Employees (FTEs including Part-Time)[1]						
Executive & Management	1.10	3.01	3.56	3.39	3.43	2.75
Non-Union	9.50	6.07	7.28	7.05	9.28	10.67
Union	11.00	10.75	10.50	10.50	11.00	10.00
Total	**21.60**	**19.83**	**21.34**	**20.94**	**23.71**	**23.42**
Number of Part-Time Employees						
Executive & Management	-	-	-	-	-	-
Non-Union+Part-time	-	0.86	1.37	1.35	1.05	1.07
Union	-	-	-	-	-	-
Total	**-**	**0.86**	**1.37**	**1.35**	**1.05**	**1.07**
Total Salary and Wages						
Executive & Management		396,615	448,127	438,563	535,914	429,991
Non-Union+Part-time		385,108	409,052	416,971	536,755	715,626
Union		907,212	858,663	870,648	917,512	889,987
Total	**-**	**1,688,936**	**1,715,841**	**1,726,181**	**1,990,180**	**2,035,604**
Current Benefits						
Executive & Management		61,426	72,541	71,961	89,353	85,396
Non-Union+Part-time		78,326	81,273	94,764	115,827	159,205
Union		161,994	161,304	172,459	180,214	156,693
Total	**-**	**301,746**	**315,119**	**339,184**	**385,394**	**401,294**
Accrued Pension and Post-Retirement Benefits						
Executive & Management	-	10,388	12,195	12,694	3,802	4,812
Non-Union+Part-time	-	10,087	11,131	12,069	3,808	8,009
Union	-	23,762	23,366	25,201	6,509	9,960
Total	**-**	**44,237**	**46,692**	**49,964**	**14,119**	**22,781**
Total Benefits (Current + Accrued)						
Executive & Management	-	71,814	84,736	84,655	93,155	90,208
Non-Union+Part-time	-	88,413	92,405	106,833	119,635	167,214
Union	-	185,756	184,670	197,660	186,724	166,653
Total	**-**	**345,983**	**361,811**	**389,148**	**399,513**	**424,075**
Total Compensation (Salary, Wages, & Benefits)						
Executive & Management	187,737	468,429	532,863	523,217	629,068	520,199
Non-Union+Part-time	830,592	473,521	501,456	523,804	656,390	882,840
Union	1,070,850	1,092,968	1,043,333	1,068,308	1,104,236	1,056,640
Total	**2,089,179**	**2,034,918**	**2,077,652**	**2,115,329**	**2,389,694**	**2,459,679**
Compensation - Average Yearly Base Wages						
Executive & Management	170,670	131,766	125,785	129,255	156,323	156,360
Non-Union+Part-time	87,431	55,571	47,317	49,639	51,961	60,943
Union	97,350	84,392	81,777	82,919	83,410	88,999
Total	**96,721**	**81,631**	**75,562**	**77,432**	**80,385**	**83,111**
Compensation - Average Yearly Overtime						
Executive & Management	-	3,055	3,323	4,313	5,868	7,132
Non-Union+Part-time	-	6,773	1,999	1,614	465	399
Union	7,750	12,735	12,770	7,662	8,363	9,476
Total	**7,750**	**9,330**	**7,187**	**4,873**	**4,722**	**4,861**
Compensation - Average Yearly Incentive Pay						
Executive & Management	-	5,482	6,073	5,998	21,738	11,877
Non-Union+Part-time	-	397	401	295	373	320
Union	-	-	-	-	-	-
Total	**-**	**930**	**1,105**	**1,024**	**3,166**	**1,487**
Compensation - Average Yearly Benefits						
Executive & Management	-	23,858	23,785	24,950	27,173	32,803
Non-Union+Part-time	-	12,758	10,689	12,718	11,581	14,240
Union	-	17,280	17,588	18,825	16,975	16,665
Total	**-**	**16,722**	**15,933**	**17,456**	**16,137**	**17,314**
Total Compensation	2,089,179	2,034,918	2,077,652	2,115,329	2,389,694	2,459,679
Total Compensation Charged to OM&A	1,847,179	1,800,431	1,686,292	1,958,508	2,212,297	2,253,759
Total Compensation Capitalized	242,000	234,487	391,360	156,821	177,397	205,920

Total Compensation Increase as a %		-2.60%	2.10%	1.81%	12.97%	2.93%

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Appendix 2-P
Cost Allocation

Please complete the following four tables.

a) **Allocated Costs**

Classes	Costs Allocated from Previous Study (COLLUS Power 2009)	%	Costs Allocated in Test Year (2013) Study (Column 7A)	%
Residential	$ 3,545,358	67.06%	$ 4,348,293	62.35%
GS < 50 kW	$ 798,452	15.10%	$ 1,239,933	17.78%
GS > 50 kW	$ 342,951	6.49%	$ 1,181,885	16.95%
Large User	$ 546,816	10.34%	$ -	0.00%
Street Lighting	$ 38,137	0.72%	$ 199,468	2.86%
Sentinel Lighting	$ -	0.00%	$ -	0.00%
Unmetered Scattered Load (USL)	$ 14,997	0.28%	$ 4,291	0.06%
Total	$ 5,286,711	100.00%	$ 6,973,871	100.00%

Notes

Customer Classification

Host Distributors: Provide information on embedded distributor(s) as a separate class, even if your proposal is to bill the embedded distributor(s) as (a) General Service customer(s).

If proposed rate classes differ from those in place in the previous Cost Allocation study, modify the rate classes to match the current application as closely as possible.

Class Revenue Requirements
If using the Board-issued model, enter data from Worksheet O-1, row 40 in the 2012 model.

For the Embedded Distributor(s), the Service Revenue Requirement does not include Account 4750 - Low Voltage (LV) Costs

Exclude costs in deferral and variance accounts.

Include Smart Meter costs only to the extent that they are being included in Rate Base and Revenue Requirement (i.e. being transferred from accounts 1555 and 1556 as a result of a prudence review).

b) **Calculated Class Revenues**

Classes (same as previous table)	Column 7B Load Forecast (LF) X current	Column 7C LF X current approved rates X	Column 7D LF X proposed rates	Column 7E Miscellaneous Revenue
Residential	$ 3,541,364	$ 4,118,713	$ 4,118,713	$ 321,261
GS < 50 kW	$ 902,862	$ 1,050,056	$ 1,065,656	$ 103,636
GS > 50 kW	$ 929,917	$ 1,081,522	$ 1,081,522	$ 38,572
Large User	$ -	$ -	$ -	$ -
Street Lighting	$ 201,955	$ 234,880	$ 222,717	$ 16,644
Sentinel Lighting	$ -	$ -	$ -	$ -
Unmetered Scattered Load (USL)	$ 7,133	$ 8,295	$ 4,858	$ 291
Total	$ 5,583,230	$ 6,493,466	$ 6,493,466	$ 480,405
	line 18	*line 23*	*As per Rate model*	*line 19*

Notes:

Columns 7B to 7D

LF means Load Forecast of Annual Billing Quantities (i.e. customers or connections X 12, and kWh or kW, as applicable)

Exclude revenue from rate adders and rate riders. For Embedded Distributor(s): exclude revenue in account 4075.

Columns 7C and 7D:

Column total in each column should equal the Base Revenue Requirement.

For Embedded Distributor(s), Base Revenue Requirement does not include Account 4750 - Low Voltage Costs

Column 7C:

The Board cost allocation model calculates "1+d" in worksheet O-1, cell C21. "d" is defined as Revenue Deficiency/ Revenue at Current Rates.

Column 7E:

If using the Board-issued Cost Allocation model, enter Miscellaneous Revenue as it appears in Worksheet O-1, row 19.

c) **Rebalancing Revenue-to-Cost (R/C) Ratios**

Class	Previously Approved Ratios 2011	Status Quo Ratios (7C + 7E) / (7A)	Proposed Ratios (7D + 7E) / (7A)	Policy Range
	%	%	%	%
Residential	104.4	102.1	102.1	85 - 115
GS < 50 kW	99.7	93.0	94.3	80 - 120
GS > 50 kW	80.0	94.8	94.8	80 - 120
Large User				85 - 115
Street Lighting	70.0	126.1	120.0	70 - 120
Sentinel Lighting				80 - 120
Unmetered Scattered Load (USL)	87.8	200.1	120.0	80 - 120

Notes:

Previously Approved Revenue-to-Cost Ratios

For applicants that have had rates adjusted only under IRM 2, the Most Recent Year is 2006, and the applicant should enter the ratios from their Informational Filing.

Status Quo Ratios

The Board's updated Cost Allocation Model yields the Status Quo Ratios in Worksheet O-1.

Status Quo means "No Rebalancing" or "Before Rebalancing".

d) **Proposed Revenue-to-Cost Ratios**

Class	Proposed Revenue-to-Cost Ratios 2012	2013	2014	Policy Range
	%	%	%	%
Residential	102.11	102.11	102.1	85 - 115
GS < 50 kW	94.30	94.30	94.3	80 - 120
GS > 50 kW	94.77	94.77	94.8	80 - 120
Large User				85 - 115
Street Lighting	120.00	120.00	120.0	70 - 120
Sentinel Lighting				80 - 120
Unmetered Scattered Load (USL)	120.00	120.00	120.0	80 - 120

The applicant should complete Table (d) if it is applying for approval of a revenue to cost ratio in 2012 that is outside the Board's policy range for any customer class. Table (d) will show the information that the distributor would likely enter in the IRM model) in 2013. In 2012 Table (d), enter the planned ratios for the classes that will be 'Change' and 'No Change' in 2013 (in the current Revenue Cost Ratio

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Appendix 2-V
Revenue Reconciliation

	Customers/ Connections	Number of Customers/Connections			Test Year Consumption		Proposed Rates								
Rate Class		Start of Test Year	End of Test Year	Average	kWh	kW	Monthly Service Charge	Volumetric		Revenues at Proposed Rates		Service Revenue Requirement	Transformer Allowance Credit	Total	Difference
								kWh	kW						
Residential	Customers	14,168	14,375	14,272	117,779,743		$ 10.08	$ 0.0203		$ 4,121,255		$ 4,118,713		$ 4,118,713	$ 2,542
GS < 50 kW	Customers	1,705	1,729	1,717	47,112,035		$ 20.13	$ 0.0138		$ 1,064,905		$ 1,065,656		$ 1,065,656	-$ 751
GS > 50 to 4,999 kW	Customers	117	117	117		337,058	$ 114.02		$ 3.0898	$ 1,201,526		$ 1,081,522	$ 120,000	$ 1,201,522	$ 4
Large Use	Customers	-	-	-		-	$ -		$ -	$ -		$ -	$ -	$ -	$ -
Streetlighting	Connections	3,026	3,063	3,045		6,228	$ 3.52		$ 15.1097	$ 222,703		$ 222,717		$ 222,717	-$ 14
Sentinel Lighting	Connections	-	-	-		-	$ -		$ -	$ -		$ -		$ -	$ -
Unmetered Scattered Load	Customers	30	30	30	402,970		$ 0.46	$ 0.0116		$ 4,840		$ 4,858		$ 4,858	-$ 18
Total										**$ 6,615,229**		**$ 6,493,466**	**$ 120,000**	**$ 6,613,466**	**$ 1,763**

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
2 The Service Revenue Requirement was calculated without the Transformer Ownership Allowance cost which is converted to a rate adder and added to the GS>50 kW class that receives the allowance.