

Exhibit One Technical Conference Questions

1-Staff-49tc

Ref: 1-Staff-6 c) – Customer Satisfaction

- a) KWHI states that it “has engaged an external firm to develop a strategic communications plan to address the first issue” (rising electricity bills). How does KWHI see this initiative addressing the issue of rising electricity bills for its ratepayers?

Answer: Although KWHI is in the early stages of its communications strategy, it has identified new opportunities to develop a multi-pronged communications plan to assist its customers in understanding and taking control over their electricity usage. Utilizing new technologies, new media and the internet will be the primary strategy to capture the attention of KWHI’s customers.

Strategies within this scope include:

- Development of social media protocols
- E-marketing
- Advertising in new and unique channels
- Email newsletters
- Launching of a blog on KWHI’s website
- Creation audio and video demonstration tools
- Measurement of customer feedback (most importantly).

The main focus on rising electricity bills will be to encourage customers to take responsibility and action to manage their usage and to position KWHI as the provider of information and resources to help its customers achieve their goals.

- b) What is the current status of this project?

Answer: A steering committee has met several times with KWHI’s marketing firm to collaboratively design initial steps around the definition of KWHI’s messages. In addition, KWHI recently formed a team of employees from each area of the business to identify customer experiences and identify their needs at each touch point within KWHI’s organization.

1-Staff-50tc

Ref: 1-Staff-7 – Account 1531 Renewable Connections

Is KWHI amenable to recovering the Account 1531 balances through rate riders as proposed in b)?

Answer: Yes.

1.0-VECC TCQ – 39

Reference: 1-Staff-2

- a) Please explain how management derived the 9% administration fee.

Answer: The administration fee was calculated based on the percentage of time spent on the administrative tasks pertaining to billable work in three different departments (operations, engineering and finance).

- b) Please explain the apparent dichotomy between the two statements made by Kitchener:
“Consistent with the historical process, there has not been a return on capital added to the invoices issued for street lighting services”
and
“The revenues and costs related to street lighting services have not been transferred to KESI in the revenue requirement model. \$67,800 has been calculated as a return on capital for 2014 and is included as a revenue offset”.

Answer: The first statement refers to the fact that, historically, KWHI has not added a return on capital to invoices issued for street lighting services. The second statement refers to the fact that, in this application and going forward following the transfer of street lighting activities to KESI, KWHI has added a rate of return on capital employed for street lighting activities performed by KWHI on behalf of KESI.

Exhibit Two Technical Conference Questions

2-Staff-51tc

Ref: 2-Energy Probe-6

Please confirm that the reference to Account 1830 – Transportation Equipment is to Account 1930.

Answer: Confirmed.

2-Staff-52tc

Ref: 2-Energy Probe-9 c) – Transformers in Inventory

- a) Does the response to this interrogatory mean that KWHI records transformers not deployed in inventory rather than as included in Account 1850?

Answer: Yes, KWHI records transformers that are not in service as transformer inventory with the exception of safety stock, which is included in the balance of account 1850 and depreciated.

b) How does KWHI record meters in inventory?

Answer: KWHI records meters in inventory in the same manner as transformer inventory.

2-Energy Probe-60

Ref: 2-Energy Probe-10 & Exhibit 2, Tab 4, Schedule 1 & 2-Energy Probe-12

a) Please confirm that the updated fixed asset continuity schedule for 2013 included in the response to 2-Energy Probe-10 shows the same WIP at yearend of \$4,737,686 as in the original evidence at Exhibit 2, Tab 4, Schedule 1.

Answer: Confirmed. There is a slight difference of \$114 due to balancing of the schedule to bring December 31, 2013 ending WIP to \$4,737,800.

b) The response to 2-Energy Probe-12 indicates that because of delayed completion dates from 2013 to 2014 for a number of projects, there is an increase in WIP of about \$1,000,000. Please explain and show how this increase in WIP forecast for the end of 2013 has been reflected in the amounts closed to rate base in 2013.

Answer: KWHI based its estimates and allocations for WIP based on a typical year and not on a specific year by year project basis. Year-end balances were estimated by asset type (i.e. poles or services). In the case of the transformer station asset type, a longer time to completion was estimated. The amount for this project referred to above is \$718K for transformer station equipment.

As priorities shift, KWHI's capital expenditures also shift. Project delays, as a general rule, are due to re-allocation of resources to other projects driven by customer needs or adjustments to work schedules. KWHI believes that its year-end balance for WIP will be indicative of a typical year.

All additional capital expenditures were assumed to be complete at year end and were transferred to capital. There were no additions to WIP for year-end 2013. See calculation below:

Kitchener-Wilmot Hydro Inc.
2014 Cost of Service Rates Application
EB-2013-0147
Responses to Technical Conference Questions

2013 Capital Expenditures (revised)						
OEB	Description	August Actual	Annual Budget	YTD Variance from Original	Updated Annual Forecast Bridge	Updated Variance
		2013	2013	2013	2013	2013
1808	Buildings and Fixtures	-	-	-		-
	Structure	76,115	33,100	43,015	76,100	43,000
1815	Transformer Station Equipment			-		-
	Switch Gear & Steel Structures	736,406	636,100	100,306	736,400	100,300
	Transformers & Grounding System	789,907	1,799,900	(1,009,993)	1,370,000	(429,900)
	Protection & Control Devices	59,521	263,300	(203,779)	59,500	(203,800)
	DC System			-		-
	Relays - P&C Devices/SCADA Equipment	167,955	133,400	34,555	590,000	456,600
1820	Distribution Station Equipment			-		-
	Relays - P&C Devices/SCADA Equipment	84,478		84,478	84,500	84,500
1830	OH - Poles, Towers and Fixtures	1,830,450	2,737,300	(906,850)	2,631,000	(106,300)
1835	OH - Conductors and Devices			-		-
	O/H Conductors	1,232,554	1,646,370	(413,816)	1,781,000	134,630
	O/H Devices	136,956	182,930	(45,974)	198,000	15,070
1840	UG - Conduit and Ductwork	1,314,199	3,272,900	(1,958,701)	2,361,000	(911,900)
1845	UG - Conductors and Cables			-		-
	PILC Cable	272,268		272,268	334,000	334,000
	U/G Cable	1,328,124	2,077,830	(749,706)	2,168,000	90,170
	U/G Devices	(18,721)	230,870	(249,591)	278,000	47,130
1850	Line Transformers			-		-
	OH Transformers	567,227	792,100	(224,873)	854,000	61,900
	Network Transformers	153,495	255,900	(102,405)	165,000	(90,900)
	Network Vault	27,063	85,400	(58,337)	33,000	(52,400)
	Network Protectors	126,664		126,664	132,000	132,000
	UG Transformers	712,908	224,200	488,708	750,000	525,800
	Submersible Transformers	200,413	1,319,100	(1,118,687)	563,000	(756,100)
	Transformer Foundations	24,323	386,300	(361,977)	270,000	(116,300)
1855	Services			-		-
	O/H Services	411,561	359,600	51,961	604,000	244,400
	U/G Services	957,763	1,912,100	(954,337)	1,706,000	(206,100)
1860	Meters	477,814	690,000	(212,186)	713,000	23,000
1908	Buildings and Fixtures			-		-
	Structure	1,380,210	1,086,100	294,110	1,766,200	680,100
	Roof & Other		60,900	(60,900)	187,400	126,500
1915	Office Equipment	50,284	90,000	(39,716)	90,000	-
1920	Computer Hardware	41,297	398,000	(356,703)	337,300	(60,700)
1925	Computer Software	130,575	341,000	(210,425)	400,200	59,200
1930	Transportation Equipment	640,590	890,000	(249,410)	1,391,000	501,000
1935	Stores Equipment		-	-		-
1940	Tools, Shop and Garage Equipment	55,206	88,400	(33,194)	68,800	(19,600)
1945	Measurement and Testing Equipment	9,406	-	9,406	9,400	9,400
1960	Miscellaneous Equipment	10,154	-	10,154	10,200	10,200
CAPITAL EXPENDITURES		13,987,166	21,993,100	(8,005,934)	22,718,000	724,900

2-Energy Probe-61

Ref: October 15, 2013 Interrogatory Responses Introduction & Exhibit 2, Tab 3, Schedule 3, Attachment 1 & 2-Energy Probe-10

Paragraph 9a of the October 15 Responses indicates there is an increased forecast for 2013 capital expenditures of \$724,900 mainly as the result of delays in delivery of some items from 2012 to 2013.

Does this mean the fixed asset continuity schedule for 2012 needs to be updated from that provided in Exhibit 2, Tab 3, Schedule 1, Attachment 1? If not, please explain why the delay of projects being closed to rate base from 2012 to 2013 does not affect the 2012 continuity schedule. If yes, please provide a revised 2012 continuity schedule.

Answer: No, 2012 does not need to be updated. As of December 31, 2012, there were significant dollars in WIP for the service centre renovation at 301 Victoria and for three large trucks. These assets were included in the year-end balance of WIP for 2012. The trucks had been expected to have been in service during the year 2012 but did not arrive until 2013 (at which time they were fully paid for). The building renovation was not expected to be in service until 2013; however, the progress payments made were less than anticipated in 2012 so additional expenditures were carried over into 2013.

For the transportation equipment, a timing difference resulted since the vehicles were still in WIP at year end and the related capital budgets reflected the in-service expectations at the time that the capital budgets were developed (Oct/Nov 2012). The actual expenditures for 2012 for transportation equipment came in significantly lower than originally budgeted. The result was that 2013 had to be increased to reflect the reduction to 2012 actuals.

For the building, KWHI budgeted that construction costs were going to be split over two years: 2012 and 2013. Unfortunately, delays occurred during the project which moved the completion date from early in 2013 to mid-year, resulting in more construction costs being incurred in 2013 than planned. The main source of delay was the discovery of contaminated soil in the excavation, which resulted in soil remediation. In addition, delays were introduced by certain construction trades on the project, who either did not arrive on site as scheduled and/or took longer to complete their work than was planned. It should be noted that this project in total came in under budget but that the timing on the capital budgets year over year was slightly different than originally forecast.

2-Energy Probe-62

Ref: October 15, 2013 Interrogatory Responses Introduction

Paragraph 10 of the October 15 Responses indicates that there were small changes made to the 2014 capital expenditures forecast. However, the response to 2-Energy Probe-10b shows the same additions as in the original evidence (\$17,654,331). Please reconcile.

Answer: The forecasted capital additions did not change as the capital expenditures forecast did not change for 2014. The only changes made to the 2014 fixed asset continuity schedule include the updated opening balances and a small adjustment to ending WIP of \$200 to ensure all schedules were fully in balance.

2.0-VECC TCQ – 40

Reference: 2-EP-6

- a) There is a significant increase in the 2013 capital budget forecast for the following items
- I. 1815 – Relays
 - II. 1850 – Transformers (various)
 - III. 1908 – Building and Structures
 - IV. 1930 Transportation Equipment

Please explain the reasons

Answer: Accounts 1815 (Transformer and Station Equipment) and 1850 (Line Transformers) consist of a number of sub-accounts (cost codes) that roll up to give the total for the main accounts. The updated 2013 total forecast for accounts 1815 and 1850 are less than the original forecasts (\$2,755,900 vs. \$2,832,700 and \$2,767,000 vs. \$3,063,000 respectively). The forecasted expenditures for some of the sub-accounts under these main accounts were increased while other sub accounts were reduced to re-align the original forecasts with the trend of the actual expenditures to date.

Accounts 1908 (Buildings & Fixtures) and 1930 (Transportation Equipment) forecasts have been increased to reflect delivery delays that carried over some expenditures from 2012 into 2013. These delays were not anticipated when the forecast was first created.

Exhibit Three Technical Conference Questions

3-Staff-53tc

Ref: 3-Energy Probe-25 c) – Specific Service Charges

Even if rounding to \$5 was a guideline in the 2006 EDR Handbook, would it not be reasonable to round possibly to another amount – either \$22.00 or \$22.50 to better reflect recovery based on cost causality?

Answer: It may have been reasonable to round to another amount; however, since this charge has not changed for a number of years, KWHI submits that rounding down to \$20 was immaterial and would have less of an impact to customers affected by the change.

3-Staff-54tc Ref: 3-VECC-13 c)

Please confirm that the correlation between the Ontario GDP variable and Kitchener-Waterloo-Barrie employment variable is 96.6%.

Answer: Confirmed.

3-Energy Probe-63

Ref: October 15, 2013 Interrogatory Responses Introduction & Revised RRWF & 3-Energy Probe-20 & 3-Staff-15

- a) Paragraph 23 of the Responses notes two changes made to the load forecast, CDM activity variable and adjustment to the kW forecast for the GS>50 class. The revised RRWF shows an increase in distribution revenues at existing rates of \$37,897 from \$38,207,936 to \$38,245,833. The response to 3-Energy Probe-20 indicates that the impact on revenue at existing rates of the change in the forecast for the GS>50 kW forecast is \$220,740 from \$38,207,936 to \$38,428,676. Please confirm that the difference between \$38,428,676 and \$38,245,833 (\$182,843) is the reduction in distribution revenues from the updated CDM variable. If this cannot be confirmed, please provide a reconciliation between the increase in revenues in the revised RRWF and the response to 3-Energy Probe-20 that includes the impact of the change in the CDM variable and any other change(s) that KWHI has made in the load forecast.

Answer: Confirmed the difference of \$182,843 mentioned above is the reduction resulting from updating the CDM variable for half-year rule.

- b) Please reconcile the change in the CDM activity variable with the statement at paragraph 25 of the Responses that the load forecast increased by 6,236,427 kWh. In particular, please show

the reduction in the load forecast due to the CDM variable as provided in the response to 3-Staff-15 and any other change(s) made by KWHI in the load forecast.

Answer: The 6.2M kWh quoted in paragraph 25 erroneously included the Embedded Distributor kWh's. The load forecast was in actuality a reduction of 14,092,395 kWh to 1,775,680,180 kWh.

- c) Please provide a summary of all the changes (such as changes to the CDM variable, changes to the CDM adjustment in 2014, changes to the employment and unemployment variables in 2014, etc.) that have been made to arrive at the new kWh forecast of 1,796,009,002. Please show the impact on the kWh forecast of each change that has been adopted, along with the impact on the revenue forecast using current rates that results in the \$37,897 increase shown in the revised RRWF.

Answer: As noted above the kWh forecast was 1,796,009,002 and should have read 1,775,680,180. This revised amount is comprised of:

The GS>50 kW demand was increased by 54,379 kW as a result of using the average rate for 2002-2012 as opposed to 2000-2012. Note the modelled kWh purchases were unchanged as the kW demand is calculated based on a predetermined kW/kWh ratio.

The CDM adjustment reduction to include the half-year rule of 14,092,395 kWh is the only change to the kWh forecast in KWHI's most recent load forecast.

Note that the distribution revenue at current rates in the RRWF calculates revenue by rate class by billing determinants and thus revenue for the GS>50 rate class was calculated correctly using kW rather than kWh.

- d) Please provide a live Excel spreadsheet that shows the equation and forecast of explanatory variables that results in the kWh forecast of 1,796,009,002 and the accompanying billed energy forecasts, cost of power, etc.

Answer: A live Excel spreadsheet has been provided that shows the 1,775,680,180 (correct amount). File Name: Load Forecasting Model 2014-IR Final

3-Energy Probe-64

Ref: 3-Energy Probe-25

- a) Please provide the annual occurrences for reconnection activity that average 857 for regulator hours and 153 for after regular hours, as shown in the response to part (d).

Answer: See table below:

Quantity of Occurrences

Description	2007	2008	2009	2010	2011	2012	Average	Actual Sept 30, 2013
After Hours	185	124	124	210	126	146	153	129
Regular Hours	763	757	827	1,080	664	1,050	857	825

- b) Please provide the most current year to date figures for 2013 for the number of occurrences for reconnection activity during regular hours and for after regular hours.

Answer: See table above.

3-Energy Probe-65

Ref: 3-Energy Probe-27 & Exhibit 3, Tab 1, Appendix 3-A

Please update the 2014 cost of power to reflect the October 17, 2013 Regulated Price Plan Report, including an RPP price of \$0.089 per kWh and a non-RPP price of \$0.0876 per kWh, as well as the load forecast changes adopted by KWHI in the interrogatory responses. Please provide the updated calculations, as shown in the table in Appendix 3-A. Please also calculate the decrease in the revenue sufficiency as a result of the new load forecast and updated prices noted above.

Answer: See updated Appendix 3-A attached. Note that Appendix 3-A has been updated to include all technical conference items regarding load forecasting. The 2014 cost of power has been updated to the October 17, 2013 Regulated Price Plan Report. The Large User adjustment amount has been adjusted from 34,217,839 to 31,039,092 as per 3.0-VECC-TCQ-45 and the CDM variable has been updated to the 2012 actual amounts.

3.0-VECC TCQ – 44

Reference: Oct. 15, 2013, Interrogatory Response Introduction, par. 25

- a) Please provide a table similar to Table 3-35 in the June 2013 Application but which sets out the revised 2014 load forecast. In this new table please include additional rows which show i) the sub-totals for all customer classes except the embedded distributor, ii) the forecast for the embedded distributor and iii) the over totals.

Answer: See Table 3-35 updated to reflect all changes stated in 3-Energy Probe-65 below:

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	2010 Board Approved	2010 Actual	2011 Actual	2012 Actual	2013 Weather Normalized Bridge	2014 Weather Normalized Test
ACTUAL AND PREDICTED KWH PURCHASES						
Actual kWh Purchases		1,892,633,519	1,895,197,233	1,885,738,118		
Predicted kWh Purchases		1,880,819,177	1,887,427,044	1,866,597,054	1,876,306,519	1,860,832,178
% Difference of actual and predicted purchases		(0.6%)	(0.4%)	(1.0%)		
BILLING DETERMINANTS BY CLASS						
Residential						
Customers	78,139	77,506	78,761	79,997	81,277	82,577
kWh	650,038,341	650,651,967	647,280,211	644,467,300	640,520,451	647,510,041
GS<50						
Customers	7,484	7,448	7,538	7,645	7,737	7,830
kWh	235,461,608	236,095,929	240,155,523	240,981,970	238,421,335	239,948,221
GS>50						
Customers	1,003	989	975	952	948	945
kWh	884,051,506	876,884,814	871,254,048	850,788,483	839,949,300	840,310,803
kW	2,231,346	2,260,312	2,244,883	2,227,931	2,209,320	2,225,927
Large User						
Customers	2	1	2	2	2	1
kWh	71,682,604	46,563,626	56,015,269	69,356,376	66,016,829	31,798,990
kW	140,928	95,621	105,771	136,790	130,796	63,002
Street Lighting						
Connections	1,585	1,574	1,568	1,573	1,569	1,592
kWh	16,689,726	16,035,117	15,857,518	15,943,501	15,898,680	16,128,465
kW	46,815	44,895	44,252	44,229	44,502	45,145
USL						
Connections	820	811	841	869	879	890
kWh	3,287,380	3,269,039	3,318,783	3,696,460	3,612,242	3,417,188
Sub-Total of Above						
Customer/Connections	89,033	88,329	89,685	91,039	92,413	93,835
kWh	1,861,211,165	1,829,500,492	1,833,881,352	1,825,234,090	1,804,418,837	1,779,113,708
kW from applicable classes	2,419,089	2,400,828	2,394,906	2,408,950	2,384,618	2,334,074
Embedded Distributor	1	1	1	1	1	1
kWh	21,955,688	24,190,281	21,309,995	17,590,424	20,328,822	20,328,822
kW	49,063	53,144	49,139	37,867	44,674	44,674
Total incl Embedded Distributor						
Customer/Connections	89,034	88,330	89,686	91,040	92,414	93,836
kWh	1,883,166,853	1,853,690,773	1,855,191,347	1,842,824,514	1,824,747,660	1,799,442,530
kW from applicable classes	2,468,152	2,453,972	2,444,045	2,446,817	2,429,292	2,378,748

- b) Please provide the Load Forecast Excel Spreadsheets consistent with this updated projection.
(Note: The Excel Spreadsheet model - "KWH_IRR_ Load Forecast Model 2014-IR

Final_xslx_20131015" filed on October 15, 2013 does not appear to be consistent with the revisions discussed in the above reference as it shows a reduction, as opposed to an increase, from the load forecast as originally filed).

Answer: The Load Forecast Model is correct as submitted, paragraph 25 of the interrogatory responses was referencing an amount was from a previous version of KWHI's load forecast and did not include all adjustments. The load forecast was in actuality a reduction of 14,092,395 kWh to 1,775,680,180 kWh excluding the embedded distributor.

3.0-VECC TCQ – 45

Reference: 3-Staff-14 a) & 3-Energy Probe-23 a)

- a) Energy Probe 23 a) indicates that the reduction in 2014 load due to the removal of Maple Leaf Foods was 31.04 GWh. However, the June Application indicates that the 2014 billed energy before any adjustment is 1842.5 GWh (E3/T1/S4, page 11) and after the LU adjustment but before CDM the total billed energy is 1808.2 GWh (E3/T1/S4, page 15) - suggesting that 34.3 GWh was removed. Please reconcile.

Answer: The load forecast was originally adjusted by 34.4 GWh, attached please find a revised load forecast using the 31.04 GWh.

- b) What are the billing kW's associated with the 31.04 and 34.3 GWh values? In particular is it reasonable to determine the associated billing kW's using these energy values and the 0.1981% ratio from Table 3-33 of the June 2013 Application?

Answer: The billing kW's associated with the 31.04 is 61,496, calculated by multiplying the difference in the model amount for 2 large users and the 1 large user amount by the appropriate large user kW/kWh ratio (see the Rate Class Load Model worksheet in the Load Forecast Model-TC Final adjusted for CDM live excel file)

- c) What would be the resulting 2014 revenue from Maple Leaf Foods using Kitchener-Wilmot's proposed 2014 LU rates and the billing kW's from part (b)?

Answer: The resulting revenue would be \$ \$404,133 but it is unlikely that this would come to fruition as the distribution centre is already closed.

3.0 – VECC TCQ – 46

Reference: 3-Staff-17 a) – Final 2012 OPA Report & 3-VECC-13 f)

Preamble: Page 8 of the Final 2012 OPA Report shows the impact of the 2012 CDM programs declining after 2012 (i.e. 6.6 GWh in 2012 but only 6.4 GWh in 2014). In contrast, in its

Application (Table 3-29), Kitchener-Wilmot assumed the 2012 savings would persist in future years.

- a) Please revise Table 3-29 to be consistent with the OPA's final 2012 Report and indicate what the resulting impact would be on i) manual CDM adjustment for 2014 and ii) the LRAM for 2014.

Answer: See Table 3-29 revised below:

4 Year 2011 to 2014 kWh Net Savings Forecast					
98,411,344					
	2011	2012	2013	2014	Total
2011 Programs	13.1%	13.0%	13.0%	12.8%	51.8%
2012 Programs		6.7%	6.6%	6.5%	20.0%
2013 Programs			9.4%	9.4%	18.8%
2014 Programs				9.4%	9.4%
	13.1%	19.7%	29.0%	38.1%	100.0%
kWh					
2011 Programs	12,882,629	12,777,283	12,766,733	12,588,174	51,014,819
2012 Programs		6,561,443	6,500,000	6,400,000	19,684,329
2013 Programs			9,237,399	9,237,399	18,474,798
2014 Programs				9,237,399	9,237,399
	12,882,629	19,338,726	28,504,132	37,462,972	98,411,344

The table has been updated to 6,500,000 kWh for 2013 and 6,400,000 kWh for 2014. Note the numbers in the OPA report are in GWh and would be more accurate if additional details were to be provided by the OPA.

- b) Please revise the response to VECC 13 f) to reflect the results in the OPA's final 2012 Report as to the impact in 2013 and 2014 of the 2011 and 2012 CDM programs
- c) Please provide a revised total system purchase forecast (prior to CDM and LU adjustment) based on the Kitchener-Wilmot's regression model but updating the CDM variable for 2013 and 2014 to the reflect these revised estimates as to the impact of 2005-2012 CDM programs in 2013 and 2014.

3.0 – VECC TCQ – 47

Reference: 3-Energy Probe-21

- a) The response states that Table 3-35 (June Application) does not include adjustments for system losses and CDM. Please confirm that this statement only applies to the

1,871,814,743 kWh value reported for 2014 predicted purchases and that the forecast of billing determinants shown for each customer class have been adjusted for system losses and CDM.

Answer: Confirmed.

3.0 – VECC TCQ – 48

Reference: 3-VECC-13 e)

- a) Is the 1,821,300,211 kWh projection for 2014 comparable to the 1,906.0 GWh projection in the June 2013 Application (Table 3-19) – i.e. were both calculated using the same regression equation but with different values for 2014 employment and unemployment? As part of the response, please provide the supporting calculations for the 1,821.3 GWh value, including the projected 2014 employment and unemployment values used for each month.

Answer: No the 1,821.3 GWh is not comparable to the 1906 GWh projection. The 1906.0 GWh was total system purchases before losses or weather normalization. And as shown below the 1,821.3 is after system losses and weather normalization. The values used in the model are listed below: Note: these amounts differ from KWHI's Load Forecast as the changes to the employment/unemployment figures were not incorporated as KWHI did not feel they appropriately reflected the economic conditions in KWHI's service area as it is currently experiencing an increase in job losses due to Maple Leaf Foods and BlackBerry.

		Residential	General Service < 50 kW	General Service > 50 kW	Large User	Streetlights	Unmetered Loads	
Non Weather Corrected Forecast								Non-Weather Total
2013	1,832,190,265	649,888,511	242,937,838	853,836,165	66,016,829	15,898,680	3,612,242	1,832,190,265
2014	1,808,504,312	655,355,325	244,909,580	856,894,763	31,798,990	16,128,465	3,417,188	1,808,504,312
Weather Corrected Forecast before 2013 and 2014 CDM Adjustments								Weather Total
2013	1,839,072,859	652,757,173	244,010,186	856,777,748	66,016,829	15,898,680	3,612,242	1,839,072,859
2014	1,821,300,211	660,699,835	246,906,851	862,348,883	31,798,990	16,128,465	3,417,188	1,821,300,211
Weather Normalization Percentage from 2006 Hydro One Study								
% Weather Sensitive		82.00%	82.00%	64.00%				Total
2013	6,882,594	532,908,579	199,209,027	546,455,145	0	0	0	1,278,572,752
2014	12,795,899	537,391,366	200,825,856	548,412,649	0	0	0	1,286,629,871
Allocation of Weather Sensitive Amount								
2013		2,868,662	1,072,348	2,941,584	0	0	0	6,882,594
2014		5,344,510	1,997,270	5,454,119	0	0	0	12,795,899
CDM		Manual Adjustment to the Load Forecast from 2013 and 2014 Programs on a Net Level						
2013	(9,237,399)	(1,660,694)	(1,627,282)	(5,949,423)	0	0	0	(9,237,399)
2014	(18,474,798)	(3,321,388)	(3,254,564)	(11,898,845)	0	0	0	(18,474,798)
Weather Corrected Forecast after 2013 and 2014 CDM Adjustments								Adj Weather Total
2013	1,829,835,460	651,096,479	242,382,904	850,828,326	66,016,829	15,898,680	3,612,242	1,829,835,460
2014	1,802,825,414	657,378,446	243,652,287	850,450,038	31,798,990	16,128,465	3,417,188	1,802,825,414

	Employment Kitchener- Waterloo- Barrie (000's)	Unemployment Kitchener- Waterloo-Barrie (000's)	Predicted Purchases
Jan-13	694	49	175,163,402
Feb-13	695	49	160,398,888
Mar-13	696	49	160,788,878
Apr-13	696	49	149,469,572
May-13	697	50	150,095,292
Jun-13	698	50	154,610,107
Jul-13	699	50	169,695,988
Aug-13	699	50	161,471,730
Sep-13	700	49	143,620,354
Oct-13	701	49	152,948,116
Nov-13	701	49	154,302,825
Dec-13	702	49	169,958,036
Jan-14	703	48	176,889,108
Feb-14	704	48	158,490,568
Mar-14	704	48	163,685,501
Apr-14	705	48	151,128,366
May-14	706	48	150,543,590
Jun-14	707	48	157,531,924
Jul-14	708	48	171,430,586
Aug-14	708	48	161,934,055
Sep-14	709	48	146,358,748
Oct-14	710	48	154,427,390
Nov-14	711	48	154,522,974
Dec-14	712	48	172,592,949

- b) If not, what are the predicted purchases for 2014 based on the approach outlined in the original interrogatory?

Answer: See tables in a).

- c) If yes, please explain why the result is lower than Kitchener-Wilmot's forecast of 1,906.0 GWh when the employment (which has a positive coefficient) is now projected to be higher and the unemployment (which has a negative coefficient) is now projected to be lower than in the June 2013 Application.

Answer: The total system purchases did increase as part of this interrogatory from 1906.0 to 1919.5. Note that the 1821.3 GWh is derived after losses and weather normalization and does not directly correlate to the 1906.0 GWh total system purchases.

3.0 – VECC TCQ – 49

Reference: 3-VECC-14 b)

- a) Please confirm that the referenced Excel Spreadsheet is one on titled “KWHI_IRR_ Load Forecasting Model 2014-IR Final_xlsm_20131015” filed on October 15, 2013. If not, please provide the appropriate copy.

Answer: This file was not uploaded and is provided as part of this proceeding. File: Load Forecasting Model-Final with IR Chart.

- b) The file referenced in the response to part (a) contains a significantly lower purchased power forecast for 2014 (1,891.5 GWh) than that in the June 2013 Application (1,906.0 GWh). Please explain why and which forecast Kitchener-Wilmot is proposing as the basis for its 2014 rate application.

Answer: The CDM half-year rule as determined in 3-Staff-15 implemented in the updated Load Forecast Model resulted in a reduction of 14,092,395 kWh.

3.0 – VECC TCQ – 50

Reference: 3-VECC-14 c)

- a) Please confirm that Kitchener-Wilmot now has three large users (prior to the loss of Maple Leaf Foods).

Answer: KWHI currently has 3 large users however, besides Maple Leaf Foods, a second large user will move to a GS>50 before the end of 2013. Over the past few years this customers demand and consumption has been declining. Most significantly, their products division recently left the Kitchener facility and moved to Quebec and Vermont facilities that have added to the significant reduction in demand and electricity consumption. In addition, this company is planning to replace the largest mixing motor in the facility with a more efficient unit which will have a further impact on demand.

- b) Is this the result of one of the existing GS>50 customers being re-classified as a Large User?

Answer: Yes.

3.0 – VECC TCQ – 51

Reference: 3-VECC-15 b)

a) The response states that the difference between the non-normalized and normalized forecast is 3 GWh. Please reconcile this response with:

- Table 3-31 in the June Application which shows a difference of 0.3 GWh.
- The response to 3-Energy Probe 21 which shows a weather normal load forecast of 1,808.2 GWh for 2014 – which is 0.3 GWh lower than the non-normalized forecast of 1,808.5 (per Table 3-26).

Answer: The amount is -0.3 GWh, the error in the original application was also made in the interrogatories.

Exhibit Four Technical Conference Questions

4-Staff-55tc

Ref: 4-Staff-20 – Monthly Billing

Has the take-up of e-billing discussed in part f) reflected in the costs documented in the table in part d)? If not, why not?

Answer: Yes, e-Post costs are included in the postage amount.

There may be additional follow-ups with Exhibit 7 re: embedded distributor cost allocation.

4-Energy Probe-66

Ref: 4-Staff-8

a) What is the source of the 2.2% inflation rate for 2014?

Answer: 2.2% was the inflation rate deemed by the Board for January 1, 2013 rates. See link below:

<http://www.ontarioenergyboard.ca/OEB/Industry/Regulatory%20Proceedings/Applications%20Before%20the%20Board/Electricity%20Distribution%20Rates/3rd%20Gen%20Stretch%20Factors>

b) Please explain why KWHI has used 2.2% that was for January 1, 2013 rates, rather than the more recent 1.6% used for May 1, 2013 rates.

Answer: KWHI will adjust its OM&A to incorporate the 1.6% inflation rate deemed by the Board for May 1, 2013 rates. The resulting impact is a reduction to OM&A of \$11,200.

- c) What is the impact on OM&A costs for materials based on a 0.1% change (for example from 2.0% to 1.9%) in the assumed inflation rate for 2014?

Answer: OM&A costs for material for a 0.1% change in the assumed inflation rate would change costs by approximately \$700. OM&A is budgeted on programs so material costs can fluctuate year over year based on the programs being performed.

- d) What is the impact on OM&A costs for labour based on a 0.1% change (for example from 2.0% to 1.9%) in the assumed inflation rate for 2014?

Answer: A 0.1% change to inflation for labour would change OM&A costs by approximately \$8,700. It should be noted; however, that inflation costs for labour will not change due to the negotiated collective agreements.

4-Energy Probe-67

Ref: 2-Energy Probe-16 &
4-Staff-20

The response to part (c) of 2-Energy Probe-16 indicates that the cost of moving to monthly billing in 2014 is \$200,000. However, the response to 4-Staff-20 indicates that the cost of monthly billing in 2014 is an increase of \$401,500. Please confirm that the total incremental cost of monthly billing in 2014 is this latter figure.

Answer: The forecasted incremental cost for monthly billing was estimated to be \$201,500 in 2013 and an additional incremental cost in 2014 of \$200,000 for a total of \$401,500.

4-Energy Probe-68

Ref: 4-Energy Probe-29 &
Appendix 2-JB

- a) Please reconcile the cost driver impact of the conversion to IFRS in 2012 of \$1,227,168 shown in Appendix 2-JB with the figure of \$1,692,337 shown in the response to 4-Energy Probe-29, which was taken from Table 10-7.

Answer: The two calculations are different. Note that the \$1,692,337 is the impact of using two different accounting methods within the same year. The \$1,227,168 is the impact of cost drivers from one year versus the other. Cost drivers are not isolated in the \$1,692,337 and other cost drivers are embedded in that figure.

In order to determine the amount of the cost driver of the impact of conversion to MCGAAP, only the increase on OM&A of the costs that can no longer be burdened or capitalized is

included. This is the \$1,227,168. It consists of the comparison of the different burden rates and the movement of selected labour to OM&A between 2011 and 2012.

The figure of \$1,692,337 is the difference in OM&A in MCGAAP versus CGAAP within the year 2012. It must be noted that these comparators are within the same time period.

The differences between the two numbers would include the reallocation of engineering costs and other previously burdened salaries that were capitalized in CGAAP, but not in MCGAAP. These amounts (\$392,247) are not quantified in the cost driver table because they are not a 100% incremental increase to OM&A costs.

- b) Is the \$1,692,337 difference between CGAAP and MCGAAP calculated for 2012 a good proxy for the difference in accounting for 2013 and 2014? If not, please provide an estimate of the difference for each of 2013 and 2014.

Answer: KWHI considers the \$1.692 million to be a reasonable proxy for the difference in accounting between CGAAP and MCGAAP, albeit a little bit low. KWHI has converted its financial transactions to August 2013 and the increase to distribution expenses is \$1.2 million year-to-date. If this is extrapolated over 12 months (assuming expenses are incurred evenly), the increase to distribution expenses to December 31, 2013 would be \$1.85 million (net of inflation).

See the answer to 4-Energy Probe – 29 b) answered during the Interrogatory phase.

4-Energy Probe-69

Ref: 4-Energy Probe-24

Please explain what the third column represents in the table provided in the response to part (e). In particular, does it reflect the change in the year over year level of the price index or the percent change in the year over year figures?

Answer: KWHI based its answer using a reference to 4-Energy Probe-34, rather than 4-Energy Probe-24. It is the change in the year over year level of the price index.

4-Energy Probe-70

**Ref: 4-Energy Probe-37 &
Appendix 2-JB**

- a) Please explain the response to 4-Energy Probe-37 part (b) that indicates the incremental costs for 2013 and 2014 are \$345K and \$352K, respectively with the figures provided in Appendix 2-JB of \$162,986 in 2013 and \$6,900 in 2014.

Answer: The response in 4-Energy Probe-37 is incorrect. It should state the TOTAL costs for 2013 and 2014 are \$345K and \$352K. The incremental cost for 2013 is \$78K and for 2014 is \$7K.

b) Please provide the total smart meter related costs for each of 2012, 2013 and 2014.

Answer: See table below:

	2012	2013	2014
Meter Reading Fees	101,286	184,000	187,680
Data Systems	144,129	130,000	132,600
Software Maintenance	21,590	31,000	31,620
	267,005	345,000	351,900

4-Energy Probe-71

Ref: 4-Energy Probe-38

The response to part (b) is not complete. Despite not completing a lead/lag study, does KWHI agree that monthly billing, in place of bi-monthly billing will more closely match the inflows of revenue with the monthly billing of electricity costs from the IESO? If not, why not?

Answer: KWHI does agree that the move to monthly billing will more closely match the inflows of revenue with the monthly billing of electricity costs from the IESO. The amount of time from when the electricity was consumed and when payment is received from the customer should be reduced.

As stated in the interrogatory process, KWHI is unable to estimate the total impact that monthly billing will have on its cash flow and, in the absence of a lead lag study, has opted to use the deemed amount for working capital allowance (WCS) of 13%. The Board deemed this amount following a review; therefore, any change to KWHI's WCA due to monthly billing would therefore be unfair to KWHI as this is consistent with Board policy.

4-Energy Probe-72

Ref: 4-Energy Probe-44 & 2-Energy Probe-10 & RRWF

- a) Please update this response to reflect the new total depreciation of \$705,600 shown in 2-Energy Probe-10 for transportation equipment based on the updated capital expenditures. In particular, based on this new depreciation expense, how much is capitalized and how much is expensed?

Answer: Approximately \$414,800 will be OM&A and the remainder will be capitalized. This is based on a historical split of capital versus OM&A expenses. The majority of vehicle depreciation (\$634,270) would be burdened, and the historical split for vehicle overhead is 46% capital 54% operating and maintenance. The increase to OM&A is therefore \$36,800.

- b) The RRWF shows no change in OM&A as result of the interrogatories. Why has this figure not decreased given that the depreciation of transportation equipment has fallen from \$763,000 to \$705,600, which should result in a reduction of the portion that is charged to OM&A?

Answer: KWHI's OM&A was not fully updated at the end of the interrogatory phase. That activity will be completed through this supplemental set. It should be noted that the total depreciation on transportation equipment has, in fact, increased by \$62,600 for 2014 (from \$643,000 to \$705,600). The effect of this will be an increase to OM&A, not a decrease. The estimated depreciation on transportation equipment in KWHI's original application was \$643,000, not \$763,000.

4-Energy Probe-73

Ref: 4-Energy Probe-45 & 4-Energy Probe-46

Has KWHI updated its income tax calculations shown in 4-Energy Probe-45 to reflect the change in tax credits noted in 4-Energy Probe-46 (i.e. reduction in credits from \$60,000 to \$42,000)?

Answer: Yes.

4.0-VECC TCQ – 41

Reference: 4 Energy Probe -46

- a) Is Kitchener projecting (and applying for) an increase in compensation costs in 2014 due to its revised number of students it forecasts it will hire in 2014?

Answer: No. KWHI is not adjusting its compensation costs for 2014 due to an increased number of students. KWHI, as a general rule, hires summer and co-op students and these costs are already included in its projected OM&A. The number of students doesn't change very much, although the mix between true summer students and co-op students may change.

4.0-VECC TCQ – 42

Reference: 4.0-VECC-23

- a) Please clarify what HR costs have been included in the 2014 application – the internal HR specialist and/or the \$14k for outside MEARIE HR consulting.

Answer: Only the HR Specialist.

4.0-VECC TCQ – 43

Reference: 4.0 – VECC- 29

- a) Please provide the source and derivation of the estimated \$14 million in premium reductions MEARIE has provided to LDCs. What portion of this relates directly to Kitchener.

Answer: The source and derivation is the MEARIE Annual Reports from 1987 to 2012. It is estimated that KW's portion would be approximately \$390K.

Exhibit Six Technical Conference Questions

6-Energy Probe-74

Ref: 6-Energy Probe-53

Please provide an update to 6-Energy Probe-53, if necessary, to reflect any further changes that result from the responses to the supplemental interrogatories. Please provide both the Excel version of the RRWF and an updated tracking sheet.

Answer: This will be updated as an undertaking following the technical conference.

Exhibit Seven Technical Conference Questions

7.0-VECC TCQ – 52

Reference: 7-Staff-34

- b) If Waterloo North Hydro, owns, operates and maintains the wholesale revenue metering associated with Wellesley DS, where and what is the wholesale revenue metering that is discussed in the second paragraph of the response which appears to be owned by KWHI?

Answer: Paragraph 2 refers specifically to KWHI wholesale revenue metering installed at all eight (8) of the transformer stations it owns and operates. This paragraph is not relevant to Question 7-Staff-34 (re. Embedded distributors) and should not have been included in KWHI's response to the question. To confirm, KWHI does not own, operate or maintain any wholesale revenue metering associated with the embedded distributor's delivery point.

7.0-VECC TCQ – 53

Reference: 7-Energy Probe-55 b) & 7-VECC-33 g) & Appendix 2-Q

- a) What is the basis for the 9% mark-up used for Administration costs?

Answer: See response to 1.0-VECC-39

- b) From Kitchener-Wilmot's 2014 cost allocation please provide (with reference to the source used from the cost allocation model):
- i. The total Administrative and General Expenses that are allocated using O&M,

Answer: From Tab O4 - \$3,722,800.

- ii. The total O&M costs used as the allocation base

Answer: From Tab O6 - \$15,170,758.

- iii. The total O&M costs directly allocated to the Embedded Distributor, and

Answer: From Tab I3 - \$24,442 (Sum of cells G360 to G390)

- iv. The resulting percentage for (i)/((ii) + (iii))?

Answer: 24.5%.

- c) From Kitchener-Wilmot's 2014 cost allocation what are (with reference to the source used from the cost allocation model):

- i. The total General Plant costs that are being allocated'

Answer: From Sheet I4 - \$19,951,002.

- ii. The total value of the allocation base used,

Answer: From Sheet O6 - \$203,958,221.

- iii. The cost for the assets allocated to the Embedded Distributor, and

Answer: From Sheet I3 - \$824,069.

- iv. The resulting percentage for (i)/((ii)+(iii)).

Answer: 9.74%.

7.0-VECC TCQ – 54

Reference: 7-VECC 32 b) – d)

- a) Please explain more fully why direct allocation results in there being no Billing & Collecting; Meter Capital or Meter Reading costs assigned to the Embedded Distributor. Is it simply because, in each case, the direct costs cannot be separated out?

Answer: The direct costs are very small. The embedded distributor represents such a small part of the business and work load that a direct allocation of these expenses is immaterial and thus insignificant. An example would be billing and collecting. If the cost driver was number of bills, then the embedded distributor would pick up an estimated \$69 in direct costs. As stated, the embedded distributor owns the meter so there would be no meter capital or operating costs allocated to it. Meter reading, as stated in 7-Staff-34, would be \$132 (\$11 * 12 months).

7.0-VECC TCQ – 55

Reference: 7-VECC 34

- a) Please confirm that for Table 7-11 in the response, the 2014 Revenue at Existing Rates should total \$38,207,936 (i.e. exclude the transformer allowance) and provide a revised Table.

Answer: Confirmed.

Table 7-11

Class	2014 Base Revenue at existing Rates	2014 Proposed Base Revenue allocated at existing rates	2014 Proposed Base Revenue	Miscellaneous Revenue
Residential	\$ 20,949,749	\$ 20,514,793	\$ 21,667,099	\$ 1,439,237
GS < 50 kW	\$ 5,411,737	\$ 5,299,379	\$ 4,890,898	\$ 215,142
GS > 50 kW	\$ 10,926,313	\$ 10,699,462	\$ 10,016,438	\$ 359,881
Large User, if applicable	\$ 223,286	\$ 218,651	\$ 255,397	\$ 3,988
Street Lighting	\$ 477,297	\$ 467,388	\$ 409,664	\$ 15,183
Unmetered Scattered Load (USL)	\$ 147,719	\$ 144,652	\$ 111,734	\$ 5,769
Embedded distributor class	\$ 71,835	\$ 70,344	\$ 63,438	\$ -
Total	\$ 38,207,936	\$ 37,414,668	\$ 37,414,668	\$ 2,039,200

Exhibit Eight Technical Questions

8.0-VECC TCQ – 56

Reference: 8-Staff 35 b)

- a) Please explain more fully why it is appropriate to keep the fixed charges for all classes, except Residential, at their 2013 values – particularly when it results in significant changes for some of the F/V ratios.

Answer: In KWHI's 2010 cost of service application, KWHI maintained its fixed/variable split for all rate classes. This was an oversight at the time since, as growth in KWHI's service territory slows, a higher fixed charge is preferred as it reduces the risk for a revenue shortfall for KWHI. The impacts of not changing the fixed/variable split in 2010 are most noticeable in the residential class where most customer growth generally occurs. KWHI is not averse to increasing the fixed/variable proportions for the other rate classes as well.

8.0-VECC TCQ – 57

Reference: 8-Energy Probe 57 b) / 8-Staff 35 b)

- a) The response to Energy Probe 57 b) suggests that a fixed charge percentage of 46.2% would yield a fixed charge of \$10.09 for the Residential class. However, the response to Staff 35 b) suggests that the proposed charge of \$12.53 will yield a lower fixed charge percentage of 42.7%. Please reconcile as, in principle, a higher fixed percentage should yield a higher fixed charge.

Answer: The 42.7% is the Variable percentage, not the Fixed Percentage as was stated. The number should be 57.3%. Using 57.3% the higher fixed charge yields a higher percentage for fixed service charges.

8.0-VECC TCQ – 58

Reference: 8-VECC 36 b) / 8-Staff 35 b)

- a) Please review the response provided to VECC 36 b), as the total revenues by class shown in Table 8-5 of the Application sum to the revenues at current rates as reported in the Cost Allocation model (Sheet I6.1) prior to any deduction for the transformer discount.

Answer: These percentages calculated use the Distribution Revenue Excluding Transformer allowance as the divisor; therefore these percentages are after the transformer allowance.

		Fixed Distribution Revenue	Variable Distribution Revenue	Dist. Rev. Including Transformer	Transformer Allowance	Dist. Rev. Excluding Transformer	Variable %	Fixed %
Residential		12,416,278	9,250,822	21,667,099	-	21,667,099	57.30%	42.70%
GS <50 kW		2,415,712	2,475,186	4,890,898	-	4,890,898	49.39%	50.61%
GS >50 kW		2,695,745	7,952,584	10,648,329	631,891	10,016,438	26.91%	73.09%
Large Use		174,019	119,179	293,198	37,801	255,397	68.14%	31.86%
Street Lighting		236,285	173,379	409,664	-	409,664	57.68%	42.32%
Unmetered Scattered Load		90,994	20,740	111,734	-	111,734	81.44%	18.56%
Embedded Distributor		-	63,438	63,438	-	63,438	0.00%	100.00%
		18,029,032	20,055,328	38,084,360		37,414,668		

- b) Please explain the difference in the fixed /variable split as reported in Table 8-5 versus Staff 35 b) for the GS>50 and Large User classes.

Answer: Staff 35b) has the percentage split including the transformer allowance. Note that the column “Dist. Rev. Including Transformer Allowance” is before application of the COT and “Dist. Rev. Excluding Transformer Allowance” is after it is applied (base distribution rates).

		Fixed Distribution Revenue	Variable Distribution Revenue	Dist. Rev. Including Transformer	Transformer Allowance	Dist. Rev. Excluding Transformer	Variable % Excluding Transformer Allowance	Fixed % Excluding Transformer Allowance	Variable % Including Transformer Allowance	Fixed % Including Transformer Allowance
Residential		12,416,278	9,250,822	21,667,099	-	21,667,099	57.30%	42.70%	57.30%	42.70%
GS <50 kW		2,415,712	2,475,186	4,890,898	-	4,890,898	49.39%	50.61%	49.39%	50.61%
GS >50 kW		2,695,745	7,952,584	10,648,329	631,891	10,016,438	26.91%	73.09%	25.32%	74.68%
Large Use		174,019	119,179	293,198	37,801	255,397	68.14%	31.86%	59.35%	40.65%
Street Lighting		236,285	173,379	409,664	-	409,664	57.68%	42.32%	57.68%	42.32%
Unmetered Scattered Load		90,994	20,740	111,734	-	111,734	81.44%	18.56%	81.44%	18.56%
Embedded Distributor		-	63,438	63,438	-	63,438	0.00%	100.00%	0.00%	100.00%
		18,029,032	20,055,328	38,084,360		37,414,668				

Exhibit Nine Technical Questions

9-Staff-56tc

Ref: 9-Staff -41

KWHI indicated that it will have ongoing costs that are not expected to be overly material, related to the transition IFRS in addition to the \$197,646 total balance it is requesting for disposition.

Please confirm that moving forward, KWHI will not record any transactions under Account 1508, Other Regulatory Assets, sub account IFRS Transition Costs because of the immaterial nature of these on-going costs, if the Board decides to approve the disposition of this sub account (1508).

Answer: Confirmed.

9-Staff-57tc

Ref: 9-Staff - 44

KWHI provided Appendix 2-ED but did not provide the Appendices 2-B, Fixed Asset Continuity Schedules to support the PP&E values under the **former** CGAAP and PP&E values under the **Revised** CGAAP for 2012 and 2013.

Appendix 2-ED showed the credit balance in Account 1576 as \$7,394,761. Board staff noted however, that in the rate rider calculation for Account 1576, the credit balance of \$7,658,548 was used instead and did not show the volumetric data.

- c) Please provide the Appendices 2-B, Fixed Asset Continuity Schedules to support the PP&E values under the **former** CGAAP and PP&E values under the **Revised** CGAAP and tie the balances in the Appendix 2-ED with the two Appendices 2-B.

Answer: This will be updated as an undertaking following the technical conference.

- d) Please recalculate the rate riders showing the correct balance calculated in Appendix 2-ED as well as the volumetric data used in the calculation of the rate riders under Account 1576.

Answer: This will be updated as an undertaking following the technical conference.

9-Energy Probe-75

**Ref: October 15, 2013 Interrogatory Responses Introduction &
9-Staff 44 & 2-Energy Probe-10 & Exhibit 9, Tab 1, Schedule 9**

- a) Please explain what paragraph 31 in the Responses refers to as the "outstanding issues" that need to be resolved. If this relates to the inclusion, or not, of WIP, please provide responses to parts (b), (c) and (d) below based on both approaches.

Answer: KWHI believes that there were four (4) outstanding issues with regard to calculation of account 1576 – Accounting Changes Under CGAAP. These issues are outlined below:

- 1. Updated capital expenditures for 2013 need to be included in the updated balance of 1576.**
- 2. KWHI does not believe that Appendix 2-ED accurately reflects the overall intent of account 1576 and this is shown in the calculations embedded in Appendix 2-ED. Further, KWHI believes that its calculation with respect to the rate of return used in the calculation of the balance of 1576 is the one that should be used for the purposes of this application.**

KWHI notes that it earned a return of 7.31% on its assets due to the change in its accounting policies under modified CGAAP for the two years 2012 and 2013. For this period, KWHI has calculated the differences between its capitalization policies and forecasted the balance of account 1576 as at December 31, 2013. The assets in account 1576 are assets that were in use during the period 2010-2013; therefore, the return that was earned on them was the 7.31%. After the completion of this Cost of Service application, those same assets will return 5.99% and this return is reflected in the rates being applied for.

Based on the above information, the return was only earned during the period 2012 and 2013 and thus the rate of return to apply to the balance of account 1576 should only apply to that same period. By doing so, only the excess return that was earned on the assets during the prior rebasing period (2010-2014) would be returned to shareholders and the ratepayers.

KWHI submits that the return of 5.99%, which was added to Appendix 2-ED through direction from Board staff in the Interrogatory process, is not the correct return to use as the assets that are in service at the beginning of January 2014 are earning 5.99%. These assets have already been revalued in 2012.

- 3. As noted in its Interrogatory responses, KWHI believes that WIP should be included in its calculation of account 1576.**
- 4. KWHI did not apply the half-year rule for depreciation expense in its forecast. KWHI is unsure if it should have applied the half-year rule in its calculations.**

- b) Please provide an updated version of Appendix 2-ED that reflects the capital expenditures for 2013 shown in the response to 2-Energy Probe-10.

Answer: This will be updated as an undertaking following the technical conference.

- c) Please provide an updated version of Table 9-28 in Exhibit 9, Tab 1, Schedule 9 that reflects the capital expenditures for 2013 shown in the response to 2-Energy Probe-10.

Answer: This will be updated as an undertaking following the technical conference.

- d) Please provide a reconciliation for any differences between the figures provided in the responses to (b) and (c) above.

Answer: This will be updated as an undertaking following the technical conference.

- e) When including WIP in the calculation, did KWHI use the after-tax amount, as provided for in the EB-2012-0161 Decision?

Answer: No, KWHI did not use the after-tax amounts as provided for in the EB-2012-0161 Decision. KWHI will adjust for it as part of this update.

8.0-VECC TCQ – 59

Reference: 9-Energy Probe-59

- a) Please provide the actual and regulatory return on equity for each of 2009 through 2012.

Answer: See table below. The Actual Return comes from the OEB Yearbooks of Electricity Distributors. The regulatory return on equity was deemed by the OEB in KWHI's 2010 Cost of Service proceeding (EB-2009-0267).

	Actual Return on Equity	Regulatory Return on Equity
2009	4.70%	7.20%
2010	7.67%	7.31%
2011	7.41%	7.31%
2012	7.52%	7.31%

Weather Normal Load Forecast for 2014 Rate Application

	2000 Actual	2001 Actual	2002 Actual	2003 Actual	2004 Actual	2005 Actual	2006 Actual	2007 Actual	2008 Actual	2009 Actual	2010 Actual	2011 Actual	2012 Actual	2013 Weather Normal	2014 Weather Normal
Actual kWh Purchases	1,917,287,306	1,963,866,511	2,036,912,520	2,013,203,373	2,009,748,106	2,086,364,095	1,983,645,710	1,978,990,176	1,939,064,404	1,837,133,121	1,892,633,519	1,895,197,233	1,885,738,118		
Predicted kWh Purchases	1,917,429,374	1,953,633,840	1,998,774,914	1,988,925,998	1,996,079,500	2,067,680,563	2,020,324,564	2,001,202,267	1,964,148,154	1,859,845,104	1,880,819,177	1,887,427,044	1,866,597,054	1,876,306,519	1,860,832,178
% Difference	0.0%	-0.5%	-1.9%	-1.2%	-0.7%	-0.9%	1.8%	1.1%	1.3%	1.2%	-0.6%	-0.4%	-1.0%		
Billed kWh (excl Embedded)	1,825,733,379	1,864,957,166	1,966,638,125	1,970,383,029	1,947,483,902	2,040,872,519	1,917,735,012	1,918,190,356	1,877,404,166	1,777,401,233	1,829,500,492	1,833,881,352	1,825,234,090	1,804,418,837	1,779,113,708
By Class															
Residential															
Customers	63,692	64,284	65,683	67,527	69,405	71,490	72,866	74,392	75,154	76,255	77,506	78,761	79,997	81,277	82,577
kWh	561,410,965	540,863,420	609,265,500	610,213,276	593,383,986	640,475,237	624,196,150	639,510,859	638,167,356	626,869,704	650,651,967	647,280,211	644,467,300	640,520,451	647,510,041
General Service≤ 50 kW															
Customers	6,548	6,568	6,569	6,703	6,816	6,916	7,049	7,198	7,265	7,370	7,448	7,538	7,645	7,737	7,830
kWh	216,113,166	194,422,245	219,363,892	225,494,014	218,381,164	229,601,685	231,128,009	233,685,645	233,464,130	230,572,826	236,095,929	240,155,523	240,981,970	238,421,335	239,948,221
General Service> 50 kW															
Customers	1,033	1,035	1,068	1,035	1,058	1,077	1,021	1,005	1,014	1,005	989	975	952	948	945
kWh	842,011,205	882,753,581	863,683,912	862,174,714	881,507,867	918,952,852	860,411,209	866,794,206	838,013,719	820,920,003	876,884,814	871,254,048	850,788,483	839,949,300	840,310,803
kW	1,702,404	2,097,765	2,249,449	2,243,396	2,273,819	2,343,889	2,306,337	2,286,676	2,227,288	2,169,096	2,260,312	2,244,883	2,227,931	2,209,320	2,225,927
Large User															
Customers	3	4	4	4	4	4	4	4	4	3	1	2	2	2	1
kWh	188,086,865	229,072,005	257,359,194	253,072,527	234,737,963	232,058,404	181,975,799	157,680,777	146,928,777	79,822,385	46,563,626	56,015,269	69,356,376	66,016,829	31,798,990
kW	339,080	423,831	475,022	474,685	460,426	445,748	381,847	330,481	329,862	171,311	95,621	105,771	136,790	130,796	63,002
Streetlights															
Connections	1,342	1,370	1,394	1,405	1,497	1,517	1,533	1,523	1,522	1,551	1,574	1,568	1,573	1,569	1,592
kWh	13,700,705	13,878,114	12,488,813	14,826,579	15,016,164	15,098,592	15,290,722	15,541,491	17,542,402	15,920,914	16,035,117	15,857,518	15,943,501	15,898,680	16,128,465
kW	39,194	39,703	36,995	41,407	41,732	42,148	42,692	43,371	45,893	44,226	44,895	44,252	44,229	44,502	45,145
Unmetered Loads															
Connections	750	750	765	765	822	807	807	818	820	817	811	841	869	879	890
kWh	4,410,473	3,967,801	4,476,814	4,601,919	4,456,758	4,685,749	4,733,123	4,977,378	3,287,782	3,295,401	3,269,039	3,318,783	3,696,460	3,612,242	3,417,188
Embedded Distributor															
Connections	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1
kWh	-	-	15,328,897	20,418,901	19,486,436	16,865,800	21,112,323	22,263,925	22,427,621	22,622,442	24,190,281	21,309,995	17,590,424	20,328,822	20,328,822
kW	-	-	29,357	43,882	40,502	43,934	45,564	49,752	48,353	49,918	53,144	49,139	37,867	44,674	44,674
Total of Above (excl. Embedded)															
Customer/Connections	73,368	74,011	75,483	77,439	79,602	81,811	83,280	84,940	85,779	87,001	88,329	89,685	91,039	92,413	93,835
kWh	1,825,733,379	1,864,957,166	1,966,638,125	1,970,383,029	1,947,483,902	2,040,872,519	1,917,735,012	1,918,190,356	1,877,404,166	1,777,401,233	1,829,500,492	1,833,881,352	1,825,234,090	1,804,418,837	1,779,113,708
kW from applicable classes	2,080,678	2,561,299	2,761,466	2,759,488	2,775,977	2,831,785	2,730,876	2,660,528	2,603,043	2,384,633	2,400,828	2,394,906	2,408,950	2,384,618	2,334,074
Total of Above (incl. Embedded)															
Customer/Connections	73,368	74,011	75,484	77,440	79,603	81,812	83,281	84,941	85,780	87,002	88,330	89,686	91,040	92,414	93,836
kWh	1,825,733,379	1,864,957,166	1,981,967,022	1,990,801,930	1,966,970,338	2,057,738,319	1,938,847,335	1,940,454,281	1,899,831,787	1,800,023,675	1,853,690,773	1,855,191,347	1,842,824,514	1,824,747,660	1,799,442,530
kW from applicable classes	2,080,678	2,561,299	2,790,823	2,803,370	2,816,479	2,875,719	2,776,440	2,710,280	2,651,396	2,434,551	2,453,972	2,444,045	2,446,817	2,429,292	2,378,748
Total from Model (excl. Embedded)															
Customer/Connections	73,368	74,011	75,483	77,439	79,602	81,811	83,280	84,940	85,779	87,001	88,329	89,685	91,039	92,413	93,835
kWh	1,825,733,379	1,864,957,166	1,966,638,125	1,970,383,029	1,947,483,902	2,040,872,519	1,917,735,012	1,918,190,356	1,877,404,166	1,777,401,233	1,829,500,492	1,833,881,352	1,825,234,090	1,804,418,837	1,779,113,708
kW from applicable classes	2,080,678	2,561,299	2,761,466	2,759,488	2,775,977	2,831,785	2,730,876	2,660,528	2,603,043	2,384,633	2,400,828	2,394,906	2,408,950	2,384,618	2,334,074
Total from Model (incl. Embedded)															
Customer/Connections	73,368	74,011	75,484	77,440	79,603	81,812	83,281	84,941	85,780	87,002	88,330	89,686	91,040	92,414	93,836
kWh	1,825,733,379	1,864,957,166	1,981,967,022	1,990,801,930	1,966,970,338	2,057,738,319	1,938,847,335	1,940,454,281	1,899,831,787	1,800,023,675	1,853,690,773	1,855,191,347	1,842,824,514	1,824,747,660	1,799,442,530
kW from applicable classes	2,080,678	2,561,299	2,790,823	2,803,370	2,816,479	2,875,719	2,776,440	2,710,280	2,651,396	2,434,551	2,453,972	2,444,045	2,446,817	2,429,292	2,378,748

	IESO	Generation	Load Transfers	Purchased	Heating Degree Days	Cooling Degree Days	Ontario Real GDP Monthly %	Number of Days in Month	Spring Fall Flag	CDM Activity	Number of Peak Hours	Employment Kitchener- Waterloo- Barrie (000's)	Unemployment Kitchener- Waterloo-Barrie (000's)	Predicted Purchases
Jan-97	178,379,084			178,379,084	777.9	0.0	94.72	31	0	0	352	475	39	170,877,133
Feb-97	154,547,898			154,547,898	615.0	0.0	94.80	29	0	0	320	478	39	154,502,462
Mar-97	161,647,356			161,647,356	619.1	0.0	94.89	31	1	0	304	477	39	156,191,377
Apr-97	145,784,872			145,784,872	391.9	0.0	94.97	30	1	0	352	480	40	146,826,667
May-97	141,630,070			141,630,070	289.0	0.0	95.06	31	1	0	336	484	40	145,086,859
Jun-97	147,352,701			147,352,701	30.4	50.4	95.14	30	0	0	336	492	40	150,690,164
Jul-97	152,141,811			152,141,811	22.1	59.8	95.23	31	0	0	352	497	41	158,263,116
Aug-97	145,107,825			145,107,825	49.4	21.9	95.32	31	0	0	320	501	41	145,754,468
Sep-97	139,600,641			139,600,641	115.2	5.4	95.40	30	1	0	336	502	41	136,727,467
Oct-97	148,289,546			148,289,546	288.9	1.6	95.49	31	1	0	352	507	42	147,962,739
Nov-97	155,059,094			155,059,094	471.4	0.0	95.57	30	1	0	304	508	42	147,968,837
Dec-97	165,554,412			165,554,412	630.7	0.0	95.66	31	0	0	336	508	42	165,198,353
Jan-98	169,014,862			169,014,862	652.8	0.0	96.01	31	0	0	336	501	35	167,011,627
Feb-98	149,446,860			149,446,860	547.1	0.0	96.37	28	0	0	320	499	35	150,371,056
Mar-98	161,538,633			161,538,633	505.1	0.0	96.73	31	1	0	352	496	34	157,336,336
Apr-98	139,888,239			139,888,239	312.0	0.0	97.08	30	1	0	336	499	35	144,631,585
May-98	146,043,180			146,043,180	77.1	16.8	97.44	31	1	0	320	503	35	142,450,420
Jun-98	152,205,116			152,205,116	66.7	63.7	97.81	30	0	0	352	511	36	159,952,079
Jul-98	153,589,755			153,589,755	6.9	64.8	98.17	31	0	0	352	518	36	161,789,054
Aug-98	160,175,410			160,175,410	12.1	83.1	98.53	31	0	0	320	524	36	165,443,774
Sep-98	145,106,275			145,106,275	63.0	26.0	98.90	30	1	0	336	523	36	143,494,704
Oct-98	143,393,838			143,393,838	257.6	0.0	99.26	31	1	0	336	522	36	147,486,141
Nov-98	152,187,498			152,187,498	440.1	0.0	99.63	30	1	0	336	522	36	151,637,286
Dec-98	162,755,458			162,755,458	572.1	0.0	100.00	31	0	0	336	528	37	165,692,481
Jan-99	176,550,323			176,550,323	789.6	0.0	100.39	31	0	0	320	528	31	174,686,190
Feb-99	153,314,486			153,314,486	578.4	0.0	100.79	28	0	0	320	528	31	154,991,057
Mar-99	165,000,091			165,000,091	592.5	0.0	101.18	31	1	0	368	526	31	165,568,056
Apr-99	143,094,038			143,094,038	332.6	0.0	101.58	30	1	0	336	529	31	148,821,981
May-99	145,495,902			145,495,902	126.7	10.5	101.98	31	1	0	320	533	31	145,971,376
Jun-99	162,933,501			162,933,501	44.4	76.5	102.38	30	0	0	352	540	31	166,190,980
Jul-99	171,126,555			171,126,555	3.2	138.9	102.78	31	0	0	336	548	32	186,169,079
Aug-99	156,668,949			156,668,949	28.8	30.9	103.18	31	0	0	336	553	32	155,043,136
Sep-99	149,477,238			149,477,238	88.9	27.7	103.59	30	1	0	336	555	32	148,641,751
Oct-99	149,731,148			149,731,148	319.0	0.0	104.00	31	1	0	320	553	32	152,306,082
Nov-99	155,962,063			155,962,063	405.1	0.0	104.40	30	1	0	352	550	32	154,670,077
Dec-99	170,494,981			170,494,981	623.7	0.0	104.81	31	0	0	336	548	32	170,780,400
Jan-00	178,748,867			178,748,867	773.0	0.0	105.45	31	0	0	320	543	31	175,756,282
Feb-00	162,866,687			162,866,687	643.8	0.0	106.09	28	0	0	336	537	31	160,516,895
Mar-00	161,127,993			161,127,993	446.9	0.0	106.73	31	1	0	368	535	31	161,029,774
Apr-00	146,022,967			146,022,967	358.3	0.0	107.38	30	1	0	304	539	31	149,099,235
May-00	149,955,206			149,955,206	152.4	18.7	108.03	31	1	0	352	548	31	153,978,810
Jun-00	155,366,404			155,366,404	41.1	35.4	108.68	30	0	0	352	554	32	155,643,418
Jul-00	155,720,648			155,720,648	18.6	44.8	109.34	31	0	0	320	557	32	158,995,563
Aug-00	163,322,317			163,322,317	29.7	46.3	110.00	31	0	0	352	557	32	162,426,712
Sep-00	149,740,084			149,740,084	134.0	23.8	110.67	30	1	0	320	554	32	149,421,944
Oct-00	151,587,385			151,587,385	251.6	0.0	111.34	31	1	0	336	553	32	152,166,674
Nov-00	161,969,851			161,969,851	470.9	0.0	112.01	30	1	0	352	557	32	159,300,075
Dec-00	180,858,897			180,858,897	826.5	0.0	112.69	31	0	0	304	561	32	179,093,993
Jan-01	182,274,650			182,274,650	715.0	0.0	113.21	31	0	0	352	561	33	177,983,414
Feb-01	162,106,075			162,106,075	620.2	0.0	113.73	29	0	0	320	556	32	164,143,739
Mar-01	171,156,935			171,156,935	618.7	0.0	114.25	31	1	0	352	552	32	169,178,737
Apr-01	148,249,402			148,249,402	324.6	0.0	114.77	30	1	0	320	556	32	151,039,336
May-01	152,023,283			152,023,283	140.3	7.7	115.30	31	1	0	352	562	33	152,080,506
Jun-01	164,607,865			164,607,865	47.0	62.4	115.83	30	0	0	336	566	33	164,644,697
Jul-01	165,667,707			165,667,707	22.3	65.7	116.36	31	0	0	336	566	33	168,295,953
Aug-01	179,800,173			179,800,173	2.3	94.2	116.90	31	0	0	352	563	33	177,155,927
Sep-01	152,599,967	(420,695)		152,179,272	118.8	19.2	117.43	30	1	0	304	560	33	147,627,991
Oct-01	157,618,136	58,552		157,676,688	276.7	0.0	117.97	31	1	0	352	560	33	155,876,282
Nov-01	158,548,740			158,548,740	370.8	0.0	118.52	30	1	0	352	561	33	156,379,958
Dec-01	169,751,554	(175,833)		169,575,721	563.3	0.0	119.06	31	0	0	304	564	33	169,227,301
Jan-02	178,220,353	(702,628)		177,517,725	625.7	0.0	119.23	31	0	0	352	565	34	175,320,684
Feb-02	161,211,185			161,211,185	592.0	0.0	119.40	28	0	0	320	567	34	160,750,232
Mar-02	170,041,740			170,041,740	581.2	0.0	119.58	31	1	0	320	569	34	166,783,096
Apr-02	156,884,064		702,628	157,586,692	356.2	6.6	119.75	30	1	0	352	573	35	158,357,412
May-02	156,235,950	1,910,171		158,146,121	266.8	5.3	119.92	31	1	0	352	577	35	158,058,286
Jun-02	163,542,900	2,159,380		165,702,280	53.1	54.5	120.10	30	0	0	320	582	35	162,617,118
Jul-02	186,180,130	2,443,800		188,623,930	4.7	129.0	120.27	31	0	0	352	585	35	189,284,710
Aug-02	179,006,180	2,421,941		181,428,121	11.0	72.3	120.45	31	0	0	336	587	35	171,406,446
Sep-02	164,159,610	2,216,662		166,376,272	50.2	47.0	120.62	30	1	0	320	583	35	155,901,274
Oct-02	162,237,780	2,352,682		164,590,462	345.6	6.3	120.80	31	1	0	352	583	35	162,151,530
Nov-02	165,302,860	2,368,364		167,671,224	486.4	0.0	120.97	30	1	0	336	584	35	161,422,939
Dec-02	176,377,660	2,418,399	(779,291)	178,016,768	675.6	0.0	121.15	31	0	0	320	592	36	176,721,187
Jan-03	188,010,997	2,385,524	(17,740)	190,378,781	868.4	0.0	121.50	31	0	0	352	591	34	187,529,275
Feb-03	169,413,256	2,130,053		171,543,309	755.9	0.0	121.86	28	0	0	320	588	34	169,408,879
Mar-03	172,920,468	2,290,575		175,211,043	638.7	0.0	122.22	31	1	0	336	585	34	171,955,690
Apr-03	156,616,058	2,202,656	84,082	158,902,796	397.4	0.7	122.59	30	1	0	336	588	34	158,630,631
May-03	151,753,883	2,108,659		153,862,542	217.0	0.0	122.95	31	1	0	336	596	35	154,971,772
Jun-03	157,578,600	2,058,238	(1,205,437)	158,431,401	65.3	25.5	123.31	30	0	0	336	602	35	157,492,714
Jul-03	172,547,931	2,016,093		174,564,024	12.5	50.1	123.68	31	0	0	352	606	35	167,772,853
Aug-03	167,854,372	2,044,374	(150,206)	169,748,540	18.9	72.4	124.04	31	0	0	320	608	35	172,491,812
Sep-03	154,374,124	1,997,356		156,371,480	104.1	6.0	124.41	30	1	0	336	608	35	149,253,535
Oct-03	159,835,650	2,433,090		162,268,740	331.9	0.0	124.78	31	1	0	352	610	35	162,005,452
Nov-03	161,706,401	2,724,250		164,430,651	434.4	0.0	125.14	30	1	0	320	609	35	160,282,349
Dec-03	174,880,179	2,977,959	(368,072)	177,490,066	610.0	0.0	125.51	31	0	0	336	609	35	177,131,037
Jan-04	189,562,615	2,786,343		192,348,958	879.2	0.0								

	IESO	Generation	Load Transfers	Purchased	Heating Degree Days	Cooling Degree Days	Ontario Real GDP Monthly %	Number of Days in Month	Spring Fall Flag	CDM Activity	Number of Peak Hours	Employment Kitchener- Waterloo- Barrie (000's)	Unemployment Kitchener- Waterloo-Barrie (000's)	Predicted Purchases
Jun-05	182,430,580	3,025,792		185,456,372	27.3	104.8	128.85	30	0	11,253	352	648	36	184,616,948
Jul-05	179,553,228	3,123,730		182,676,958	6.8	105.4	129.12	31	0	13,129	320	653	37	185,413,407
Aug-05	184,426,854	3,121,647	(469,033)	187,079,468	11.9	67.9	129.38	31	0	15,004	352	656	37	176,935,493
Sep-05	159,422,370	3,056,133	(1,028,806)	161,449,897	63.4	13.7	129.65	30	1	16,880	336	652	37	153,318,099
Oct-05	160,516,274	2,883,941	26,941	163,427,156	259.9	2.6	129.92	31	1	18,755	320	650	36	160,532,675
Nov-05	166,028,954	3,104,938		169,133,892	433.1	0.0	130.19	30	1	20,631	352	644	36	165,585,290
Dec-05	182,966,259	3,207,148	(471,654)	185,701,753	721.6	0.0	130.45	31	0	22,506	320	645	36	183,477,087
Jan-06	178,288,001	3,127,236	(530,841)	180,884,396	590.6	0.0	130.74	31	0	89,668	336	644	34	179,328,546
Feb-06	164,479,598	2,883,550	19,066	167,382,214	651.2	0.0	131.03	28	0	156,830	320	643	34	169,526,601
Mar-06	172,892,182	3,232,734		176,124,916	562.4	0.0	131.33	31	1	223,992	368	641	34	175,540,460
Apr-06	148,908,687	3,056,277		151,964,964	322.5	0.0	131.62	30	1	291,154	304	644	34	156,865,546
May-06	156,565,358	3,089,254		159,654,612	177.8	17.7	131.91	31	1	358,316	352	652	34	163,655,717
Jun-06	163,419,920	2,996,747	(480,407)	165,936,260	44.1	32.2	132.20	30	0	425,478	352	660	35	163,503,761
Jul-06	177,939,977	3,157,808	(891,711)	180,206,074	6.5	117.2	132.50	31	0	492,640	320	665	35	188,780,130
Aug-06	167,043,152	3,155,436	121,285	170,319,873	27.5	45.5	132.79	31	0	559,802	352	667	35	170,412,450
Sep-06	143,344,914	3,068,450		146,413,364	130.3	2.3	133.09	30	1	626,964	320	665	35	150,818,495
Oct-06	153,058,324	3,145,499		156,203,823	335.1	0.0	133.38	31	1	694,125	336	667	35	163,537,114
Nov-06	156,414,973	3,028,348		159,443,321	415.9	0.0	133.68	30	1	761,287	352	666	35	164,274,773
Dec-06	166,458,241	3,028,408	(374,756)	169,111,893	545.2	0.0	133.98	31	0	828,449	304	668	35	174,080,970
Jan-07	174,419,227	3,099,274	(761,356)	176,757,145	698.3	0.0	134.25	31	0	907,333	352	662	38	183,102,432
Feb-07	166,691,262	2,857,641		169,548,903	785.1	0.0	134.53	28	0	986,216	320	657	37	172,921,975
Mar-07	166,700,004	3,085,285		169,785,289	582.0	0.0	134.81	31	1	1,065,100	352	652	37	172,697,457
Apr-07	149,528,054	3,049,354	(215,367)	152,362,041	403.0	0.0	135.08	30	1	1,143,983	320	647	37	158,599,418
May-07	150,384,862	3,629,223		154,014,085	166.4	11.2	135.36	31	1	1,222,867	352	647	37	157,827,242
Jun-07	166,748,069	2,751,787	(230,977)	169,268,879	35.5	51.2	135.64	30	0	1,301,751	336	652	37	164,098,510
Jul-07	161,680,251	2,997,159	(1,233,113)	163,444,297	28.0	53.8	135.92	31	0	1,380,634	336	660	38	168,344,167
Aug-07	171,683,657	3,020,733	64,199	174,768,589	19.7	65.1	136.20	31	0	1,459,518	352	662	38	172,458,986
Sep-07	152,749,372	2,716,289		155,465,661	74.7	28.0	136.48	30	1	1,538,401	304	661	38	151,495,015
Oct-07	153,403,455	2,760,987		156,164,442	184.7	10.9	136.76	31	1	1,617,285	352	663	38	158,097,937
Nov-07	160,155,435	3,169,286		163,324,721	511.8	0.0	137.04	30	1	1,696,168	352	667	38	164,935,749
Dec-07	171,832,799	2,432,767	(179,442)	174,086,124	686.6	0.0	137.33	31	0	1,775,052	304	669	38	176,623,378
Jan-08	177,058,679	2,832,543	(773,673)	179,117,549	676.8	0.0	137.55	31	0	1,813,010	352	661	40	178,989,310
Feb-08	166,921,823	3,033,525	(229,052)	169,726,296	730.3	0.0	137.78	28	0	1,850,968	320	656	40	167,574,398
Mar-08	166,357,193	2,608,248		168,965,441	686.1	0.0	138.01	31	1	1,888,926	304	647	39	170,280,861
Apr-08	144,983,805	2,999,650		147,983,455	297.9	0.0	138.23	30	1	1,926,884	352	647	39	153,895,516
May-08	142,166,893	3,110,003		145,276,896	243.1	0.7	138.46	31	1	1,964,842	336	649	39	154,187,981
Jun-08	156,219,057	3,095,141		159,314,198	40.6	53.0	138.69	30	0	2,002,800	336	657	40	162,622,162
Jul-08	169,629,769	2,782,598	(1,203,277)	171,209,090	7.6	75.8	138.92	31	0	2,040,758	352	664	40	173,194,081
Aug-08	158,690,251	3,356,512	16,174	162,062,937	36.2	29.5	139.15	31	0	2,078,716	320	667	40	158,065,794
Sep-08	149,556,677	2,790,265	(23,841)	152,323,101	93.2	12.0	139.38	30	1	2,116,674	336	670	40	148,344,361
Oct-08	148,160,437	3,010,161		151,170,598	325.7	0.0	139.61	31	1	2,154,632	352	673	41	159,415,637
Nov-08	154,931,359	3,370,793		158,302,152	499.7	0.0	139.84	30	1	2,192,590	304	677	41	159,559,966
Dec-08	171,778,131	1,995,994	(161,434)	173,612,691	694.0	0.0	140.07	31	0	2,230,548	336	674	41	178,018,088
Jan-09	176,131,307	2,752,174		178,883,481	891.8	0.0	139.97	31	0	2,295,813	336	662	66	181,139,335
Feb-09	151,717,789	2,657,507		154,375,296	649.6	0.0	139.86	29	0	2,361,077	304	649	64	160,425,453
Mar-09	156,553,861	3,105,512		159,659,373	562.6	0.0	139.76	31	1	2,426,342	352	636	63	162,311,908
Apr-09	138,889,187	3,087,139		141,976,326	341.5	3.2	139.65	30	1	2,491,606	320	632	63	147,472,762
May-09	134,434,411	3,608,621		138,043,032	192.8	2.3	139.55	31	1	2,556,871	320	632	62	144,283,904
Jun-09	142,548,339	3,449,814	(1,223,655)	144,774,498	75.7	26.2	139.44	30	0	2,622,135	352	643	64	150,107,550
Jul-09	143,270,941	3,581,028		146,851,969	37.6	14.5	139.34	31	0	2,687,400	352	650	64	148,667,635
Aug-09	157,674,451	3,670,057		161,344,508	34.4	57.3	139.23	31	0	2,752,664	320	655	65	158,969,639
Sep-09	140,458,615	3,469,952		143,928,567	88.8	5.5	139.13	30	1	2,817,929	336	655	65	138,463,044
Oct-09	145,285,176	3,644,538		148,929,714	329.1	0.0	139.02	31	1	2,883,194	336	657	65	150,346,633
Nov-09	145,607,812	3,579,715		149,187,527	396.5	0.0	138.92	30	1	2,948,458	320	655	65	147,997,329
Dec-09	166,545,329	3,572,913	(939,411)	169,178,831	669.5	0.0	138.81	31	0	3,013,723	352	652	65	169,659,911
Jan-10	171,587,069	3,440,699		175,027,768	752.0	0.0	138.44	31	0	3,039,170	320	646	58	171,301,429
Feb-10	152,386,226	2,736,449		155,122,675	644.7	0.0	138.06	28	0	3,064,617	304	642	57	154,372,281
Mar-10	152,881,624	3,076,980		155,958,604	470.9	0.0	137.69	31	1	3,090,064	368	640	57	158,003,675
Apr-10	134,783,810	3,474,388		138,258,198	266.0	0.0	137.31	30	1	3,115,512	336	644	58	143,366,125
May-10	147,558,538	3,554,304		151,112,842	144.7	21.0	136.94	31	1	3,140,959	320	653	58	147,284,869
Jun-10	152,085,417	3,365,360	(1,969,804)	153,480,973	37.9	30.9	136.57	30	0	3,166,406	352	669	60	149,616,880
Jul-10	173,774,673	3,414,396		177,189,069	6.7	106.1	136.20	31	0	3,191,853	336	680	61	173,764,403
Aug-10	169,918,494	3,110,959		173,029,453	11.5	83.6	135.83	31	0	3,217,301	336	683	61	167,165,101
Sep-10	141,552,978	3,139,012		144,691,990	122.7	21.2	135.47	30	1	3,242,748	336	677	60	144,475,005
Oct-10	141,431,853	3,513,334		144,945,187	285.1	0.0	135.10	31	1	3,268,195	320	670	60	146,834,991
Nov-10	149,100,645	3,312,803		152,413,448	467.8	0.0	134.73	30	1	3,293,642	336	668	60	151,856,549
Dec-10	169,078,607	3,230,070	(905,365)	171,403,312	719.4	0.0	134.37	31	0	3,319,090	368	667	60	172,777,868
Jan-11	173,480,601	2,965,560		176,446,161	827.8	0.0	134.70	31	0	3,384,750	336	664	52	175,906,424
Feb-11	154,641,844	2,793,475		157,435,319	681.6	0.0	135.03	28	0	3,450,411	304	666	52	156,379,284
Mar-11	161,467,012	3,394,895		164,861,907	622.7	0.0	135.37	31	1	3,516,071	368	671	52	165,197,398
Apr-11	141,723,732	3,572,359		145,296,091	359.8	0.0	135.70	30	1	3,581,732	320	680	53	147,105,676
May-11	142,626,392	3,354,992		145,981,384	152.2	13.2	136.03	31	1	3,647,392	336	686	53	147,296,074
Jun-11	148,833,888	3,642,329	(1,165,065)	151,311,152	48.5	21.6	136.37	30	0	3,713,053	352	697	54	147,928,433
Jul-11	178,623,729	3,661,638		182,285,367	0.8	130.8	136.71	31	0	3,778,713	320	708	55	180,333,742
Aug-11	164,128,078	3,433,253		167,561,331	6.9	63.6	137.04	31	0	3,844,374	352	708	55	162,631,662
Sep-11	143,183,425	2,920,176		146,103,601	97.7	20.3	137.38							

	IESO	Generation	Load Transfers	Purchased	Heating Degree Days	Cooling Degree Days	Ontario Real GDP Monthly %	Number of Days in Month	Spring Fall Flag	CDM Activity	Number of Peak Hours	Employment Kitchener- Waterloo- Barrie (000's)	Unemployment Kitchener- Waterloo-Barrie (000's)	Predicted Purchases
Dec-13					648.7	0.0	144.13	31	0	4,218,068	320	694	49	168,014,747
Jan-14					749.4	0.0	144.36	31	0	4,210,424	352	694	49	174,756,935
Feb-14					653.2	0.0	144.59	28	0	4,202,781	304	694	49	156,260,395
Mar-14					567.5	0.0	144.81	31	1	4,195,137	336	694	49	161,527,759
Apr-14					346.1	0.7	145.04	30	1	4,187,494	336	694	49	148,861,722
May-14					180.9	9.5	145.27	31	1	4,179,850	336	694	49	148,260,131
Jun-14					49.5	47.9	145.50	30	0	4,172,206	336	694	49	155,252,118
Jul-14					12.9	83.2	145.72	31	0	4,164,563	352	694	49	169,281,158
Aug-14					23.5	57.7	145.95	31	0	4,156,919	320	694	49	159,651,864
Sep-14					96.4	18.0	146.18	30	1	4,149,276	336	694	49	143,937,126
Oct-14					289.8	1.3	146.41	31	1	4,141,632	352	694	49	151,960,198
Nov-14					443.9	0.0	146.64	30	1	4,133,989	320	694	49	152,050,584
Dec-14					648.7	0.0	146.87	31	0	4,126,345	336	694	49	170,071,279
							Weather Normal							34,778,251,692
1997				1,835,095,310						1,826,049,643	(9,045,667)	-0.5%		
1998				1,835,345,124						1,857,296,543	21,951,419	1.2%		
1999				1,899,849,275						1,923,840,164	23,990,889	1.3%		
2000				1,917,287,306						1,917,429,374	142,068	0.0%		
2001				1,963,866,511						1,953,633,840	(10,232,671)	-0.5%		
2002				2,036,912,520						1,998,774,914	(38,137,606)	-1.9%		
2003				2,013,203,373						1,988,925,998	(24,277,375)	-1.2%		
2004				2,009,748,106						1,996,079,500	(13,668,606)	-0.7%		
2005				2,086,364,095						2,067,680,563	(18,683,532)	-0.9%		
2006				1,983,645,710						2,020,324,564	36,678,854	1.8%		
2007				1,978,990,176						2,001,202,267	22,212,091	1.1%		
2008				1,939,064,404						1,964,148,154	25,083,750	1.3%		
2009				1,837,133,121						1,859,845,104	22,711,983	1.2%		
2010				1,892,633,519						1,880,819,177	(11,814,343)	-0.6%		
2011				1,895,197,233						1,887,427,044	(7,770,189)	-0.4%		
2012				1,885,738,118						1,866,597,054	(19,141,065)	-1.0%		
2013										1,876,306,519				
2014										1,891,871,270				
Total to 2012				31,010,073,902						31,010,073,902	0			
										34,778,251,692	0			
										Check totals above should be zero				

Non Weather Corrected Forecast									Non-Weather Total
2013	1,832,190,265	649,888,511	242,937,838	853,836,165	66,016,829	15,898,680	3,612,242		1,832,190,265
2014	1,808,504,312	655,355,325	244,909,580	856,894,763	31,798,990	16,128,465	3,417,188		1,808,504,312
					62,838,082				
Weather Corrected Forecast before 2013 and 2014 CDM Adjustments									Weather Total
2013	1,813,730,532	642,194,502	240,061,705	845,946,573	66,016,829	15,898,680	3,612,242		1,813,730,532
2014	1,797,737,096	650,858,143	243,228,961	852,305,349	31,798,990	16,128,465	3,417,188		1,797,737,096
Weather Normalization Percentage from 2006 Hydro One Study									
% Weather Sensitive		82.00%	82.00%	64.00%					Total
2013	(18,459,733)	532,908,579	199,209,027	546,455,145	0	0	0		1,278,572,752
2014	(10,767,216)	537,391,366	200,825,856	548,412,649	0	0	0		1,286,629,871
Allocation of Weather Sensitive Amount									
2013		(7,694,009)	(2,876,133)	(7,889,591)	0	0	0		(18,459,733)
2014		(4,497,182)	(1,680,620)	(4,589,414)	0	0	0		(10,767,216)
CDM									
Manual Adjustment to the Load Forecast from 2013 and 2014 Programs on a Net Level									
2013	(9,311,694)	(1,674,051)	(1,640,370)	(5,997,273)	0	0	0		(9,311,694)
2014	(18,623,388)	(3,348,102)	(3,280,740)	(11,994,546)	0	0	0		(18,623,388)
Weather Corrected Forecast after 2013 and 2014 CDM Adjustments									Adj Weather Total
2013	1,804,418,837	640,520,451	238,421,335	839,949,300	66,016,829	15,898,680	3,612,242		1,804,418,837
2014	1,779,113,708	647,510,041	239,948,221	840,310,803	31,798,990	16,128,465	3,417,188		1,779,113,708

Average Number of Customers or Connections

	Residential	General Service < 50 kW	General Service > 50 kW	Large User	Streetlights	Unmetered Loads	Subtotal
1997							
1998							
1999	62,677	6,548	1,004	3	1,325		71,557
2000	63,692	6,548	1,033	3	1,342	750	73,368
2001	64,284	6,568	1,035	4	1,370	750	74,011
2002	65,683	6,569	1,068	4	1,394	765	75,483
2003	67,527	6,703	1,035	4	1,405	765	77,439
2004	69,405	6,816	1,058	4	1,497	822	79,602
2005	71,490	6,916	1,077	4	1,517	807	81,811
2006	72,866	7,049	1,021	4	1,533	807	83,280
2007	74,392	7,198	1,005	4	1,523	818	84,940
2008	75,154	7,265	1,014	4	1,522	820	85,779
2009	76,255	7,370	1,005	3	1,551	817	87,001
2010	77,506	7,448	989	1	1,574	811	88,329
2011	78,761	7,538	975	2	1,568	841	89,685
2012	79,997	7,645	952	2	1,573	869	91,039
2013	81,277	7,737	948	2	1,569	879	92,413
2014	82,577	7,830	945	1	1,592	890	93,835

Growth Rate in Customer Numbers

1997						
1998						
1999						
2000	1.0162	1.0000	1.0289	1.0000	1.0132	
2001	1.0093	1.0031	1.0019	1.3333	1.0205	1.0000
2002	1.0218	1.0002	1.0319	1.0000	1.0181	1.0200
2003	1.0281	1.0204	0.9691	1.0000	1.0076	1.0000
2004	1.0278	1.0169	1.0222	1.0000	1.0655	1.0745
2005	1.0300	1.0147	1.0180	1.0000	1.0134	0.9818
2006	1.0192	1.0192	0.9480	1.0000	1.0105	1.0000
2007	1.0209	1.0211	0.9843	1.0000	0.9935	1.0136
2008	1.0102	1.0093	1.0091	1.0000	0.9995	1.0024
2009	1.0147	1.0145	0.9909	0.7500	1.0189	0.9963
2010	1.0164	1.0105	0.9841	0.4444	1.0150	0.9927
2011	1.0162	1.0121	0.9859	1.5000	0.9958	1.0370
2012	1.0157	1.0142	0.9768	1.0000	1.0037	1.0330
Used	1.0160	1.0120	0.9959	0.9693	1.0133	1.0123
Geomean	1.0189	1.0120	0.9959	0.9693	1.0133	1.0123

Annual kW for those classes that charge distribution volumetric charges on a kW basis

	General Service > 50 kW	Large User	Streetlights	Total
2000	1,702,404	339,080	39,194	2,080,678
2001	2,097,765	423,831	39,703	2,561,299
2002	2,249,449	475,022	36,995	2,761,466
2003	2,243,396	474,685	41,407	2,759,488
2004	2,273,819	460,426	41,732	2,775,977
2005	2,343,889	445,748	42,148	2,831,785
2006	2,306,337	381,847	42,692	2,730,876
2007	2,286,676	330,481	43,371	2,660,528
2008	2,227,288	329,862	45,893	2,603,043
2009	2,169,096	171,311	44,226	2,384,633
2010	2,260,312	95,621	44,895	2,400,828
2011	2,244,883	105,771	44,252	2,394,906
2012	2,227,931	136,790	44,229	2,408,950
2013	2,209,320	130,796	44,502	2,384,618
2014	2,225,927	63,002	45,145	2,334,074
		124,498		

kW/kWh

2000	0.2022%	0.1803%	0.2861%
2001	0.2376%	0.1850%	0.2861%
2002	0.2604%	0.1846%	0.2962%
2003	0.2602%	0.1876%	0.2793%
2004	0.2579%	0.1961%	0.2779%
2005	0.2551%	0.1921%	0.2792%
2006	0.2681%	0.2098%	0.2792%
2007	0.2638%	0.2096%	0.2791%
2008	0.2658%	0.2245%	0.2616%
2009	0.2642%	0.2146%	0.2778%
2010	0.2578%	0.2054%	0.2800%
2011	0.2577%	0.1888%	0.2791%
2012	0.2619%	0.1972%	0.2774%
Average	0.2612%	0.1981%	0.2799%

	Total OPA Annual CDM Results (Gross)	Total OPA Annual CDM Results (Net)	# Difference	% Difference of Net	Total Annual CDM Results	Full year Increase over previous year	Half year pattern		
2005	292,583	292,583	-	0.0%	292,583	292,583	146,292	146,292	1,876
2006	11,429,858	10,724,827	705,031	6.6%	10,724,827	10,432,244	5,508,705	5,238,628	67,162
2007	30,126,928	21,463,789	8,663,139	40.4%	21,463,789	10,738,962	16,094,308	6,152,917	78,884
2008	34,400,976	27,058,909	7,342,066	27.1%	27,058,909	5,595,120	24,261,349	2,960,726	37,958
2009	47,381,960	36,655,515	10,726,445	29.3%	36,655,515	9,596,605	31,857,212	5,090,633	65,265
2010	54,664,487	39,643,598	15,020,889	37.9%	39,643,598	2,988,083	38,149,557	1,984,886	25,447
2011	52,431,811	37,374,961	15,056,850	40.3%	50,257,589	10,613,991	44,950,594	5,121,519	65,660
2012	50,947,314	36,539,764	14,407,550	39.4%	55,878,490	5,620,900	53,068,040	3,783,853	48,511
2013	45,587,650	31,270,273	14,317,376	45.8%	50,537,006	- 5,341,484	53,207,748	- 3,062,014	- 39,257
2014	44,094,367	30,516,052	13,578,314	44.5%	49,504,226	- 1,032,780	50,020,616	- 596,197	- 7,644
Total	371,357,933	271,540,271	99,817,661	36.8%	341,723,950		317,264,420		
	178,296,791	135,839,221							

4 Year 2011 to 2014 target
98,411,344

Proposed Cost of Service Method				
2011	2012	2013	2014	Total
13.1%	13.0%	13.0%	12.8%	51.8%
	6.7%	6.6%	6.5%	19.8%
		9.5%	9.5%	18.9%
			9.5%	9.5%
13.1%	19.7%	29.0%	38.2%	100.0%
12,882,629	12,777,283	12,766,733	12,588,174	51,014,819
	6,561,443	6,500,000	6,400,000	19,461,443
		9,311,694	9,311,694	18,623,388
			9,311,694	9,311,694
12,882,629	19,338,726	28,578,427	37,611,562	98,411,344

Actual 2011 Results and Persistence

Estimated 2012 Results and Persistence

Station Name	Waterloo Airport
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Heating Degree Days	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	10 Year Average	20 Year Trend
Jan	718	1,204	913	789	778	653	790	773	715	626	868	879	815	591	698	677	892	752	828	657	766	696
Feb	684	924	875	713	615	547	578	644	620	592	756	699	684	651	785	730	650	645	682	573	685	631
Mar	553	639	697	670	619	505	593	447	619	581	639	541	681	562	582	686	563	471	623	370	572	527
Apr	481	493	524	422	392	312	333	358	325	356	397	354	355	323	403	298	342	266	360	365	346	290
May	279	283	257	216	289	77	127	152	140	267	217	196	245	178	166	243	193	145	152	107	184	142
Jun	126	90	75	29	30	67	44	41	47	53	65	93	27	44	36	41	76	38	49	42	51	35
Jul	44	67	50	19	22	7	3	19	22	5	13	21	7	7	28	8	38	7	1	0	13	-1
Aug	39	95	39	6	49	12	29	30	2	11	19	55	12	28	20	36	34	12	7	20	24	11
Sep	246	138	229	102	115	63	89	134	119	50	104	71	63	130	75	93	89	123	98	125	97	69
Oct	416	321	397	301	289	258	319	252	277	346	332	288	260	335	185	326	329	285	280	279	290	263
Nov	599	553	804	548	471	440	405	471	371	486	434	433	433	416	512	500	397	468	382	484	446	384
Dec	640	762	959	597	631	572	624	827	563	676	610	700	722	545	687	694	670	719	575	566	649	613
																					4,123	3,661
Cooling Degree Days	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012		
Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apr	0	0	0	0	0	0	0	0	0	7	1	0	0	0	0	3	0	0	0	0	0	1
May	0	0	11	10	0	17	11	19	8	5	0	7	0	18	11	1	2	21	13	20	9	13
Jun	2	12	25	39	50	64	77	35	62	55	26	16	105	32	51	53	26	31	22	61	42	51
Jul	7	11	16	42	60	65	139	45	66	129	50	49	105	117	54	76	15	106	131	126	83	117
Aug	32	9	34	55	22	83	31	46	94	72	72	31	68	46	65	30	57	84	64	58	57	71
Sep	0	1	10	13	5	26	28	24	19	47	6	14	14	2	28	12	6	21	20	16	14	20
Oct	0	0	0	0	2	0	0	0	0	6	0	0	3	0	11	0	0	0	0	0	1	2
Nov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																					207	275

2013 Load Forecast	kWh	kW	2012 %RPP
Residential	640,520,451		94%
General Service≤ 50 kW	238,421,335		86%
General Service> 50 kW	839,949,300	2,209,320	14%
Large User	66,016,829	130,796	0%
Streetlights	15,898,680	44,502	0%
Unmetered Loads	3,612,242		0%
Embedded Distributor	0	0.0000	0%
TOTAL	1,804,418,837	2,384,618	

Loblaws
20,142,709

Electricity - Commodity RPP	2013 Forecasted	2013 Loss			
Class per Load Forecast RPP	Metered kWhs	Factor	2013		
Residential	601,410,115	1.0351	622,544,900	\$0.08395	\$52,262,644
General Service≤ 50 kW	205,203,870	1.0351	212,415,155	\$0.08395	\$17,832,252
General Service> 50 kW	118,847,586	1.0351	123,024,134	\$0.08395	\$10,327,876
Large User	0	1.0351	0	\$0.08395	\$0
Streetlights	0	1.0351	0	\$0.08395	\$0
Unmetered Loads	0	1.0351	0	\$0.08395	\$0
Embedded Distributor	0	1.0351	0	\$0.08395	\$0
TOTAL	925,461,571		957,984,189		\$80,422,773

Electricity - Commodity Non-RPP	2013 Forecasted	2013 Loss			
Class per Load Forecast	Metered kWhs	Factor	2013		
Residential	39,110,336	1.0351	40,484,754	\$0.08717	\$3,529,056
General Service≤ 50 kW	33,217,464	1.0351	34,384,794	\$0.08717	\$2,997,323
General Service> 50 kW	700,959,005	1.0351	725,592,143	\$0.08717	\$63,249,867
Large User	66,016,829	1.0053	66,366,718	\$0.08717	\$5,785,187
Streetlights	15,898,680	1.0351	16,457,393	\$0.08717	\$1,434,591
Unmetered Loads	3,612,242	1.0351	3,739,184	\$0.08717	\$325,945
Embedded Distributor	0	1.0351	0	\$0.08717	\$0
TOTAL	858,814,557		887,024,986		\$77,321,968

Transmission - Network			Volume		
Class per Load Forecast			Metric	2013	
Residential			kWh	663,029,654	\$0.0072 \$4,773,814
General Service≤ 50 kW			kWh	246,799,950	\$0.0062 \$1,530,160
General Service> 50 kW			kW	2,209,320	\$3.2836 \$7,254,523
Large User			kW	130,796	\$3.0862 \$403,662
Streetlights			kW	44,502	\$1.9967 \$88,857
Unmetered Loads			kWh	3,739,184	\$0.0062 \$23,183
Embedded Distributor			kW	44,674	\$3.0960 \$138,310
TOTAL					\$14,212,508

Transmission - Connection			Volume		
Class per Load Forecast			Metric	2013	
Residential			kWh	663,029,654	\$0.0014 \$928,242
General Service≤ 50 kW			kWh	246,799,950	\$0.0013 \$320,840
General Service> 50 kW			kW	2,209,320	\$0.6851 \$1,513,605
Large User			kW	130,796	\$0.6440 \$84,232
Streetlights			kW	44,502	\$0.4169 \$18,553
Unmetered Loads			kWh	3,739,184	\$0.0013 \$4,861
Embedded Distributor			kW	44,674	\$0.6461 \$28,864
TOTAL					\$2,899,197

Wholesale Market Service					
Class per Load Forecast			2013 (4 mos at \$.0052)		
Residential			663,029,654	\$0.0044	\$3,094,138
General Service≤ 50 kW			246,799,950	\$0.0044	\$1,151,733
General Service> 50 kW			848,616,277	\$0.0044	\$3,960,209
Large User			66,366,718	\$0.0044	\$309,711
Streetlights			16,457,393	\$0.0044	\$76,801
Unmetered Loads			3,739,184	\$0.0044	\$17,450
Embedded Distributor			0	\$0.0044	\$0
TOTAL			1,845,009,175		\$8,610,043

Rural Rate Assistance					
Class per Load Forecast			2013		
Residential			663,029,654	\$0.0012	\$795,636
General Service≤ 50 kW			246,799,950	\$0.0012	\$296,160
General Service> 50 kW			848,616,277	\$0.0012	\$1,018,340
Large User			66,366,718	\$0.0012	\$79,640
Streetlights			16,457,393	\$0.0012	\$19,749
Unmetered Loads			3,739,184	\$0.0012	\$4,487
Embedded Distributor			0	\$0.0012	\$0
TOTAL			1,845,009,175		\$2,214,011

Smart Meter Entity Charge					
Class per Load Forecast			2013		
Residential			650,216	\$0.7900	\$513,670
General Service≤ 50 kW			61,896	\$0.7900	\$48,898
TOTAL			712,112		\$562,568

2013		
4705-Power Purchased	\$157,744,741	
4708-Charges-WMS	\$8,610,043	
4714-Charges-NW	\$14,212,508	
4716-Charges-CN	\$2,899,197	
4730-Rural Rate Assistance	\$2,214,011	
4751-Smart Meter Entity	\$562,568	
TOTAL	\$186,243,068	

2014 Load Forecast	kWh	kW	2012 %RPP
Residential	647,510,041		94%
General Service≤ 50 kW	239,948,221		86%
General Service> 50 kW	840,310,803	2,225,927	14%
Large User	31,798,990	63,002	0%
Streetlights	16,128,465	45,145	0%
Unmetered Loads	3,417,188		0%
Embedded Distributor			
TOTAL	1,779,113,708	2,334,074	

Loblaws
20,142,709

Electricity - Commodity RPP	2014	2014 Loss			
Class per Load Forecast RPP	Forecasted	Factor	2014		
Residential	607,972,918	1.0351	629,338,334	\$0.08900	\$56,011,112
General Service≤ 50 kW	206,518,027	1.0351	213,775,494	\$0.08900	\$19,026,019
General Service> 50 kW	118,898,736	1.0351	123,077,082	\$0.08900	\$10,953,860
Large User	0	1.0053	0	\$0.08900	\$0
Streetlights	0	1.0351	0	\$0.08900	\$0
Unmetered Loads	0	1.0351	0	\$0.08900	\$0
Embedded Distributor	0	1.0351	0	\$0.08900	\$0
TOTAL	933,389,681		966,190,910		\$85,990,991

Electricity - Commodity Non-RPP	2014	2014 Loss			
Class per Load Forecast	Forecasted	Factor	2014		
Residential	39,537,122	1.0351	40,926,538	\$0.08760	\$3,585,165
General Service≤ 50 kW	33,430,194	1.0351	34,605,000	\$0.08760	\$3,031,398
General Service> 50 kW	701,269,357	1.0351	725,913,402	\$0.08760	\$63,590,014
Large User	31,798,990	1.0053	31,967,525	\$0.08760	\$2,800,355
Streetlights	16,128,465	1.0351	16,695,252	\$0.08760	\$1,462,504
Unmetered Loads	3,417,188	1.0351	3,537,275	\$0.08760	\$309,865
Embedded Distributor	0	1.0351	0	\$0.08760	\$0
TOTAL	825,581,317		853,644,992		\$74,779,301

Transmission - Network			Volume		
Class per Load Forecast			Metric	2014	
Residential			kWh	670,264,872	\$0.0072
General Service≤ 50 kW			kWh	248,380,494	\$0.0062
General Service> 50 kW			kW	2,225,927	\$3.2836
Large User			kW	63,002	\$3.0862
Streetlights			kW	45,145	\$1.9967
Unmetered Loads			kWh	3,537,275	\$0.0062
Embedded Distributor			kW	44,674	\$3.0960
TOTAL					\$14,119,738

Transmission - Connection			Volume		
Class per Load Forecast			Metric	2014	
Residential			kWh	670,264,872	\$0.0014
General Service≤ 50 kW			kWh	248,380,494	\$0.0013
General Service> 50 kW			kW	2,225,927	\$0.6851
Large User			kW	63,002	\$0.6440
Streetlights			kW	45,145	\$0.4169
Unmetered Loads			kWh	3,537,275	\$0.0013
Embedded Distributor			kW	44,674	\$0.6461
TOTAL					\$2,879,104

Wholesale Market Service					2014
Class per Load Forecast					
Residential			670,264,872	\$0.0044	\$2,949,165
General Service≤ 50 kW			248,380,494	\$0.0044	\$1,092,874
General Service> 50 kW			848,990,483	\$0.0044	\$3,735,558
Large User			31,967,525	\$0.0044	\$140,657
Streetlights			16,695,252	\$0.0044	\$73,459
Unmetered Loads			3,537,275	\$0.0044	\$15,564
Embedded Distributor			0	\$0.0044	\$0
TOTAL			1,819,835,902		\$8,007,278

Rural Rate Assistance					2014
Class per Load Forecast					
Residential			670,264,872	\$0.0012	\$804,318
General Service≤ 50 kW			248,380,494	\$0.0012	\$298,057
General Service> 50 kW			848,990,483	\$0.0012	\$1,018,789
Large User			31,967,525	\$0.0012	\$38,361
Streetlights			16,695,252	\$0.0012	\$20,034
Unmetered Loads			3,537,275	\$0.0012	\$4,245
Embedded Distributor			0	\$0.0012	\$0
TOTAL			1,819,835,902		\$2,183,803

Smart Meter Entity Charge					2014
Class per Load Forecast					
Class per Load Forecast			990,929	\$0.7900	\$782,834
Residential			93,957	\$0.7900	\$74,226
TOTAL			1,084,886		\$857,060

2014	
4705-Power Purchased	\$160,770,292
4708-Charges-WMS	\$8,007,278
4714-Charges-NW	\$14,119,738
4716-Charges-CN	\$2,879,104
4730-Rural Rate Assistance	\$2,183,803
4751-Smart Meter Entity	\$857,060
TOTAL	\$188,817,276

Initiative	Unit	Incremental Activity				Net Incremental Peak Demand Savings (kW)				Net Incremental Energy Savings (kWh)				2014 Net Annual Peak Demand Savings (kW)	2011-2014 Cumulative Energy Savings (kWh)				
		2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014				
Consumer Program																Consumer	<50kW	>50kW	
Appliance Retirement	Appliances	631	335			36	21	25	20	262,506	144,063	150,000	130,000	102	1,912,213	1,912,213		Residential	
Appliance Exchange	Appliances	69	2			7	0	5	5	8,561	364	5,000	5,000	17	50,336	50,336		Residential	
HVAC Incentives	Equipment	2,261	1,760			642	541	600	600	1,178,372	996,900	1,200,000	1,100,000	2,383	11,204,188	10,083,769	1,120,419	Residential (10% <50kW)	
Conservation Instant Coupon Book	Coupons	8,184	42			19	5	25	25	305,679	1,789	300,000	300,000	74	2,128,083	2,128,083		Residential	
Bi-Annual Retailer Event	Coupons	14,195	5,138			27	11	10	10	479,313	200,227	350,000	300,000	58	3,517,933	3,517,933		Residential	
Residential Demand Response	Devices	271	271			152	152	750	2,000	0	0	0	0	2,000	0				
Consumer Program Total						731	578	665	660	2,234,431	1,343,343	2,005,000	1,835,000	4,634	18,812,753				
Business Program																			
Retrofit	Projects	50	92			564	741	1,655	900	3,057,370	3,572,196	7,000,000	4,850,000	3,860	41,796,068		5,015,528	36,780,540	88% >50kW 12%<50kW
Direct Install Lighting	Projects	239	172			261	333	350	350	631,336	838,891	1,000,000	1,000,000	1,294	8,042,017		8,042,017		<50kW
Small-Commercial-DR		9	9			6	6	100	150	0	0	0	0	150	0				
Demand-Response 3	Facilities	4	8			465	579	600	600	17,768	22,684	0	0	600	40,449			40,449	>50kW
Business Program Total						825	1,074	2,005	1,250	3,706,474	4,433,768	8,000,000	5,850,000	5,904	49,878,534				
Industrial Program																			
Retrofit	Projects	10	0							271,185	0	0	0	0	1,084,740			1,084,740	>50kW
Demand Response 3	Facilities	4	3			1,453	1,226	1,500	1,580	85,285	71,988	0	0	1,500	157,273			157,273	>50kW
Industrial Program Total										356,470	71,988	0	0	1,500	1,242,013				
Pre-2011 Program																			
ERIP		68	0			964	0	0	0	6,580,023	0	0	0	964	26,320,092		3,158,411	23,161,681	88% >50kW 12%<50kW
HPNC		0	1			1	134	15	0	5,230	712,344	0	0	150	2,157,952			2,157,952	>50kW
Total Pre-2011 Programs						965	134	15	0	6,585,253	712,344	0	0	1,114	28,478,044				
Energy Efficiency Total										12,882,629	6,561,443	10,005,000	7,685,000	13,152	98,411,344	17,692,334	17,336,375	63,382,635	
														OEB Target	21,560	90,290,000			
														% of OEB Target Achieved	61.0%	109.0%			

**Embedded Distributor
kW Demand & kWh Consumption**

Year		kW	kWh
	2002	29,356.80	15,328,897
	2003	43,881.60	20,418,901
	2004	40,502.40	19,486,436
	2005	43,934.37	16,865,800
	2006	45,564.29	21,112,323
	2007	49,751.52	22,263,925
	2008	48,353.00	22,427,621
	2009	49,918.17	22,622,442
	2010	53,143.52	24,190,281
	2011	49,138.90	21,309,995
	2012	37,866.88	17,590,424
<i>Total</i>		<i>491,411.44</i>	<i>223,617,046</i>
Average (2002 ~ 2012)		44,673.77	20,328,822

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Reference	Item	Regulated Return on Capital	Regulated Rate of Return	Rate Base	Working Capital	Work Capital Allowance	Amortization	PILS	OM&A	Service Revenue Requirement	Revenue Offsets	Base Revenue Requirement	Gross Revenue Sufficiency
Application		12,539,688	5.99%	209,362,001	203,374,632	26,438,702	7,562,853	433,327	18,918,000	39,453,868	2,039,200	37,414,668	(793,268)
3-Staff-15	CDM half year rule	12,528,352	5.99%	209,172,727	201,918,680	26,249,428	7,562,853	430,876	18,918,000	39,440,080	2,039,200	37,400,880	(615,820)
	Change	(11,337)	0%	(189,274)	(1,455,952)	(189,274)	0	(2,451)	0	(13,788)	0	(13,788)	177,449
3-Energy Probe-20	GS>50 adjustment	12,530,020	5.99%	209,200,586	202,132,980	26,277,287	7,562,853	431,237	18,918,000	39,442,110	2,039,200	37,402,910	(842,923)
	Change	1,669	0%	27,859	214,300	27,859	0	361	0	2,029	0	2,029	(227,104)
2-Energy Probe-6	Update 2013 CAPEX	12,571,926	5.99%	209,900,245	202,132,980	26,277,287	7,440,200	367,267	18,918,000	39,297,393	2,039,200	37,258,193	(987,640)
2-VECC-4	Update contributed capital	12,611,732	5.99%	210,564,849	202,132,980	26,277,287	7,456,730	362,742	18,918,000	39,349,204	2,039,200	37,310,004	(935,829)
	Adjustments/ corrections	12,611,984	5.99%	210,569,049	202,132,980	26,277,287	7,456,730	362,675	18,918,000	39,349,389	2,039,200	37,310,189	(935,644)
	Removal of 1531 assets from FA	12,610,564	5.99%	210,545,349	202,132,980	26,277,287	7,456,730	362,368	18,918,000	39,347,662	2,039,200	37,308,462	(937,371)
	Change	80,544	0%	1,344,763	0	0	(106,123)	(68,869)	0	(94,447)	0	(94,447)	(94,447)
4-Energy Probe-46	Schedule 1 adjustment	12,610,564	5.99%	210,545,349	202,132,980	26,277,287	7,456,730	350,368	18,918,000	39,335,662	2,039,200	37,296,462	(949,371)
4-Energy Probe-49		12,610,564	5.99%	210,545,349	202,132,980	26,277,287	7,456,730	380,368	18,918,000	39,365,662	2,039,200	37,326,462	(919,371)
	Change	0	0%	0	0	0	0	18,000	0	18,000	0	18,000	18,000
4-VECC TCQ-45	Update Large User	12,613,449	5.99%	210,593,510	202,503,451	26,325,449	7,456,730	380,992	18,918,000	39,369,171	2,039,200	37,329,971	(954,925)
3-Energy Probe-65	Update RPP Price	12,654,301	5.99%	211,275,580	207,750,141	27,007,518	7,456,730	389,825	18,918,000	39,418,856	2,039,200	37,379,656	(905,239)
4-VECC TCQ-46	Updated CDM 2012 Actual	12,654,186	5.99%	211,273,648	207,735,276	27,005,586	7,456,730	389,800	18,918,000	39,418,716	2,039,200	37,379,516	(905,380)
	Change	43,621	0%	728,298	5,602,295	728,298	0	9,432	0	53,053	0	53,053	13,991
4-Energy Probe-66	Update Inflation	12,654,098	5.99%	211,272,192	207,724,076	27,004,130	7,456,730	389,800	18,906,800	39,407,428	2,039,200	37,368,228	(916,686)
4-Energy Probe-72	2014 Amortization adjustment	12,652,996	5.99%	211,253,792	207,724,076	27,004,130	7,456,730	402,811	18,906,800	39,419,337	2,039,200	37,380,137	(904,759)
	1815 Amortization correction 2014	12,652,697	5.99%	211,248,792	207,724,076	27,004,130	7,466,730	406,351	18,906,800	39,432,578	2,039,200	37,393,378	(891,517)
	Change	(1,489)	0%	(24,856)	(11,200)	(1,456)	10,000	16,552	(11,200)	13,863	0	13,863	13,863
	Total Change	113,009	0%	1,886,791	4,349,444	565,428	(96,123)	(26,976)	(11,200)	(21,290)	0	(21,290)	(98,249)