

**Festival Hydro EB\_2014-0073 Response to Interrogatories - Summary of Attachments**

Item#	Exb	Intervenor	Question	Reference	Appendix	Attachment
1	1	OEB STAFF	1	RRWF		
2	1	OEB STAFF	1	App 2-W	App 2-W	
3	1	OEB STAFF	1			Cost Allocation
4	1	OEB STAFF	1			EDVARR Model
5	1	Energy Probe	2	E1/T2/S5	Appendix 2-AB	
6	1	SEC	6	E1/T4/S1/A3		Inter-Company Loan Agreement
7	1	Energy Probe	7	E1/T6/S13		Board Governance Policies
8	2	OEB STAFF	5	E2/T1/S1/A1	Appendix 2-BA	MIFRS update to Appendix 2-BA
5	2	OEB STAFF	17	E2/T2/S1/A1/p27	Appendix 2-AB	
9	2	VECC	6	E2/T2/S1/A3		Table 2-AA
10	3	OEB STAFF	30	E3/T1/S2/A1/S5/p3	Appendix 2I	
11	3	OEB STAFF	31	E3/T2/S1/A1	2IA	
12	3	Energy Probe	15ei	E3/T1/S1/A1		Load Forecast Models
13	3	Energy Probe	15eii	E3/T1/S1/A1		Load Forecast Models
14	3	Energy Probe	16all	E3/T1/S1/A1		Load Forecast Models
15	3	Energy Probe	17b	E3/T1/S1/A1		Load Forecast Models
16	3	Energy Probe	17c	E3/T1/S1/A1		Load Forecast Models
17	3	Energy Probe	18			
10	3	Energy Probe	22	E3/T3/S2	Appendix 2I	
18	3	VECC	19	E3/T1/S1/A1		DRAFT OPA CDM REPORT
19	4	SEC	16			2K Revised
20	4	SEC	18	E4/T3/S6	Appendix 2M	
21	4	Energy Probe	30	E4/T5/S6		PILS Calculation - PILS Model - no SBD
22	4	Energy Probe	30	E4/T5/S6		PILS Calculation - PILS Model - no SBD
19	4	OEB STAFF	40	E4/T3/S2/App 2-K	Appendix 2-K	Table 2-K
23	4	OEB STAFF	41	E4/T3/S1		Actuarial Report
24	4	OEB STAFF	41	E4/T3/S1		Actuarial Report
25	4	OEB STAFF	41	E4/T3/S1		Actuarial Report
26	7	VECC	38	E7/T1/S4/p1		Cost of Allocation Model - Residential Combined
27	8	VECC	39	E8/T2/S1/p1		Permanent By-Pass Agreement
28	9	OEB STAFF	58	E9/T3/S4/p1	Appendix 2U	
29	9	OEB STAFF	61	E9/T3/S8	Appendix 2EA	
29	9	OEB STAFF	61	E9/T3/S8	Appendix 2EC	
30	9	OEB STAFF	64	E9/T3/S12/p1		4 ICM Models
31	9	OEB STAFF	64			
32	9	OEB STAFF	64			
33	9	OEB STAFF	64			
29	9	Energy Probe	37	E9/T2/S8/A2	Appendix 2EC	
34	9	Energy Probe	39	E9/T3/S12	App 2U	ICM Models
35	9	Energy Probe	39	E9/T3/S12	App 2U	ICM Models
28	9	VECC	41	E9/T3/S4	Appendix 2U	



# Revenue Requirement Workform



Version 4.00

Utility Name	Festival Hydro Inc.
Service Territory	
Assigned EB Number	EB-2014-0073
Name and Title	Debbie Reece, CFO
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*While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.*



# Revenue Requirement Workform

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## Notes:

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



# Revenue Requirement Workform

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

	Initial Application	(2)	Adjustments	Interrogatory Responses	(6)	Adjustments	Per Board Decision
<b>1</b>	<b>Rate Base</b>						
	Gross Fixed Assets (average)	\$101,093,557		\$ 101,091,372			\$101,091,372
	Accumulated Depreciation (average)	(\$47,443,019)	(\$2,185)	(\$47,443,019)			(\$47,443,019)
	<b>Allowance for Working Capital:</b>						
	Controllable Expenses	\$5,144,253	\$27,155	\$ 5,171,408			\$5,171,408
	Cost of Power	\$67,551,604	(\$1,161,072)	\$ 66,390,532			\$66,390,532
	Working Capital Rate (%)	13.00%		13.00%			13.00%
<b>2</b>	<b>Utility Income</b>						
	Operating Revenues:						
	Distribution Revenue at Current Rates	\$10,165,694	(\$10,079)	\$10,155,615			
	Distribution Revenue at Proposed Rates	\$11,115,311	\$76,785	\$11,192,096			
	<b>Other Revenue:</b>						
	Specific Service Charges	\$132,833	\$0	\$132,833			
	Late Payment Charges	\$118,090	\$0	\$118,090			
	Other Distribution Revenue	\$277,117	\$0	\$277,117			
	Other Income and Deductions	\$227,659	\$0	\$227,659			
	<b>Total Revenue Offsets</b>	<b>\$755,699</b>	<b>\$0</b>	<b>\$755,699</b>			
	<b>Operating Expenses:</b>						
	OM&A Expenses	\$5,112,027	\$27,155	\$ 5,139,182			\$5,139,182
	Depreciation/Amortization	\$2,522,288		\$ 2,522,288			\$2,522,288
	Property taxes	\$19,225		\$ 19,225			\$19,225
	Other expenses	\$13,000		13000			\$13,000
<b>3</b>	<b>Taxes/PILs</b>						
	Taxable Income:						
	Adjustments required to arrive at taxable income	(\$1,426,578)		(\$1,426,578)			
	<b>Utility Income Taxes and Rates:</b>						
	Income taxes (not grossed up)	\$203,020		\$236,536			
	<b>Income taxes (grossed up)</b>	<b>\$262,844</b>		<b>\$321,818</b>			
	Federal tax (%)	15.00%		15.00%			
	Provincial tax (%)	7.76%		11.50%			
	Income Tax Credits	(\$10,000)		(\$10,000)			
<b>4</b>	<b>Capitalization/Cost of Capital</b>						
	<b>Capital Structure:</b>						
	Long-term debt Capitalization Ratio (%)	56.0%		56.0%			
	Short-term debt Capitalization Ratio (%)	4.0%		4.0%			
	Common Equity Capitalization Ratio (%)	40.0%		40.0%			
	Preferred Shares Capitalization Ratio (%)						
	<b>100.0%</b>	<b>100.0%</b>		<b>100.0%</b>			
	<b>Cost of Capital</b>						
	Long-term debt Cost Rate (%)	4.32%		4.32%			
	Short-term debt Cost Rate (%)	2.11%		2.11%			
	Common Equity Cost Rate (%)	9.36%		9.36%			
	Preferred Shares Cost Rate (%)	0.00%		0.00%			

### Notes:

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

- (1) Capital impact of compensation cost updates
- (2) OM&A impact of compensation cost updates



# Revenue Requirement Workform

## Rate Base and Working Capital

Rate Base										
Line No.	Particulars		Initial Application		Adjustments		Interrogatory Responses		Adjustments	Per Board Decision
1	Gross Fixed Assets (average)	(3)	\$101,093,557		(\$2,185)		\$101,091,372		\$ -	\$101,091,372
2	Accumulated Depreciation (average)	(3)	(\$47,443,019)		\$ -		(\$47,443,019)		\$ -	(\$47,443,019)
3	Net Fixed Assets (average)	(3)	\$53,650,538		(\$2,185)		\$53,648,353		\$ -	\$53,648,353
4	Allowance for Working Capital	(1)	\$9,450,461		(\$147,409)		\$9,303,052		\$ -	\$9,303,052
5	Total Rate Base		\$63,100,999		(\$149,594)		\$62,951,405		\$ -	\$62,951,405

### (1) Allowance for Working Capital - Derivation

6	Controllable Expenses	\$5,144,253	\$27,155	\$5,171,408	\$ -	\$5,171,408
7	Cost of Power	\$67,551,604	(\$1,161,072)	\$66,390,532	\$ -	\$66,390,532
8	Working Capital Base	\$72,695,857	(\$1,133,917)	\$71,561,940	\$ -	\$71,561,940
9	Working Capital Rate %	(2) 13.00%	0.00%	13.00%	0.00%	13.00%
10	Working Capital Allowance	\$9,450,461	(\$147,409)	\$9,303,052	\$ -	\$9,303,052

#### Notes

- (2) Some Applicants may have a unique rate as a result of a lead-lag study. The default rate for 2014 cost of service applications is 13%.
- (3) Average of opening and closing balances for the year.



## Revenue Requirement Workform

### Utility Income

Line No.	Particulars	Initial Application	Adjustments	Interrogatory Responses	Adjustments	Per Board Decision
	<b>Operating Revenues:</b>					
1	Distribution Revenue (at Proposed Rates)	\$11,115,311	\$76,785	\$11,192,096	\$ -	\$11,192,096
2	Other Revenue (1)	\$755,699	\$ -	\$755,699	\$ -	\$755,699
3	Total Operating Revenues	\$11,871,010	\$76,785	\$11,947,795	\$ -	\$11,947,795
	<b>Operating Expenses:</b>					
4	OM+A Expenses	\$5,112,027	\$27,155	\$5,139,182	\$ -	\$5,139,182
5	Depreciation/Amortization	\$2,522,288	\$ -	\$2,522,288	\$ -	\$2,522,288
6	Property taxes	\$19,225	\$ -	\$19,225	\$ -	\$19,225
7	Capital taxes	\$ -	\$ -	\$ -	\$ -	\$ -
8	Other expense	\$13,000	\$ -	\$13,000	\$ -	\$13,000
9	Subtotal (lines 4 to 8)	\$7,666,540	\$27,155	\$7,693,695	\$ -	\$7,693,695
10	Deemed Interest Expense	\$1,579,125	(\$3,744)	\$1,575,382	\$ -	\$1,575,382
11	Total Expenses (lines 9 to 10)	\$9,245,665	\$23,411	\$9,269,077	\$ -	\$9,269,077
12	Utility income before income taxes	\$2,625,345	\$53,374	\$2,678,718	\$ -	\$2,678,718
13	Income taxes (grossed-up)	\$262,844	\$58,974	\$321,818	\$ -	\$321,818
14	Utility net income	\$2,362,501	(\$5,600)	\$2,356,901	\$ -	\$2,356,901

### Notes

#### Other Revenues / Revenue Offsets

(1)	Specific Service Charges	\$132,833	\$ -	\$132,833		\$132,833
	Late Payment Charges	\$118,090	\$ -	\$118,090		\$118,090
	Other Distribution Revenue	\$277,117	\$ -	\$277,117		\$277,117
	Other Income and Deductions	\$227,659	\$ -	\$227,659		\$227,659
	Total Revenue Offsets	\$755,699	\$ -	\$755,699	\$ -	\$755,699



# Revenue Requirement Workform

## Taxes/PILs

Line No.	Particulars	Application	Interrogatory Responses	Per Board Decision
<u>Determination of Taxable Income</u>				
1	Utility net income before taxes	\$2,362,501	\$2,356,901	\$2,356,901
2	Adjustments required to arrive at taxable utility income	(\$1,426,578)	(\$1,426,578)	(\$1,426,578)
3	Taxable income	<u>\$935,923</u>	<u>\$930,323</u>	<u>\$930,323</u>
<u>Calculation of Utility income Taxes</u>				
4	Income taxes	\$203,020	\$236,536	\$236,536
6	Total taxes	<u>\$203,020</u>	<u>\$236,536</u>	<u>\$236,536</u>
7	Gross-up of Income Taxes	\$59,824	\$85,282	\$85,282
8	Grossed-up Income Taxes	<u>\$262,844</u>	<u>\$321,818</u>	<u>\$321,818</u>
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	<u>\$262,844</u>	<u>\$321,818</u>	<u>\$321,818</u>
10	Other tax Credits	(\$10,000)	(\$10,000)	(\$10,000)
<u>Tax Rates</u>				
11	Federal tax (%)	15.00%	15.00%	15.00%
12	Provincial tax (%)	7.76%	11.50%	11.50%
13	Total tax rate (%)	<u>22.76%</u>	<u>26.50%</u>	<u>26.50%</u>

## Notes



# Revenue Requirement Workform

## Capitalization/Cost of Capital

Line No.	Particulars	Capitalization Ratio		Cost Rate		Return
		Initial Application				
		(%)	(\$)	(%)		(\$)
	Debt					
1	Long-term Debt	56.00%	\$35,336,560	4.32%		\$1,525,868
2	Short-term Debt	4.00%	\$2,524,040	2.11%		\$53,257
3	Total Debt	60.00%	\$37,860,600	4.17%		\$1,579,125
	Equity					
4	Common Equity	40.00%	\$25,240,400	9.36%		\$2,362,501
5	Preferred Shares	0.00%	\$ -	0.00%		\$ -
6	Total Equity	40.00%	\$25,240,400	9.36%		\$2,362,501
7	Total	100.00%	\$63,100,999	6.25%		\$3,941,627
		Interrogatory Responses				
		(%)	(\$)	(%)		(\$)
	Debt					
1	Long-term Debt	56.00%	\$35,252,787	4.32%		\$1,522,251
2	Short-term Debt	4.00%	\$2,518,056	2.11%		\$53,131
3	Total Debt	60.00%	\$37,770,843	4.17%		\$1,575,382
	Equity					
4	Common Equity	40.00%	\$25,180,562	9.36%		\$2,356,901
5	Preferred Shares	0.00%	\$ -	0.00%		\$ -
6	Total Equity	40.00%	\$25,180,562	9.36%		\$2,356,901
7	Total	100.00%	\$62,951,405	6.25%		\$3,932,282
		Per Board Decision				
		(%)	(\$)	(%)		(\$)
	Debt					
8	Long-term Debt	56.00%	\$35,252,787	4.32%		\$1,522,251
9	Short-term Debt	4.00%	\$2,518,056	2.11%		\$53,131
10	Total Debt	60.00%	\$37,770,843	4.17%		\$1,575,382
	Equity					
11	Common Equity	40.00%	\$25,180,562	9.36%		\$2,356,901
12	Preferred Shares	0.00%	\$ -	0.00%		\$ -
13	Total Equity	40.00%	\$25,180,562	9.36%		\$2,356,901
14	Total	100.00%	\$62,951,405	6.25%		\$3,932,282

### Notes

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



# Revenue Requirement Workform

## Revenue Deficiency/Sufficiency

Line No.	Particulars	Initial Application		Interrogatory Responses		Per Board Decision	
		At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates
1	Revenue Deficiency from Below		\$949,615		\$1,036,480		\$1,036,480
2	Distribution Revenue	\$10,165,694	\$10,165,696	\$10,155,615	\$10,155,616	\$10,155,615	\$10,155,616
3	Other Operating Revenue	\$755,699	\$755,699	\$755,699	\$755,699	\$755,699	\$755,699
	Offsets - net						
4	<b>Total Revenue</b>	<b>\$10,921,393</b>	<b>\$11,871,010</b>	<b>\$10,911,314</b>	<b>\$11,947,795</b>	<b>\$10,911,314</b>	<b>\$11,947,795</b>
5	Operating Expenses	\$7,666,540	\$7,666,540	\$7,693,695	\$7,693,695	\$7,693,695	\$7,693,695
6	Deemed Interest Expense	\$1,579,125	\$1,579,125	\$1,575,382	\$1,575,382	\$1,575,382	\$1,575,382
8	<b>Total Cost and Expenses</b>	<b>\$9,245,665</b>	<b>\$9,245,665</b>	<b>\$9,269,077</b>	<b>\$9,269,077</b>	<b>\$9,269,077</b>	<b>\$9,269,077</b>
9	<b>Utility Income Before Income Taxes</b>	<b>\$1,675,728</b>	<b>\$2,625,345</b>	<b>\$1,642,237</b>	<b>\$2,678,718</b>	<b>\$1,642,237</b>	<b>\$2,678,718</b>
10	Tax Adjustments to Accounting Income per 2013 PILs model	(\$1,426,578)	(\$1,426,578)	(\$1,426,578)	(\$1,426,578)	(\$1,426,578)	(\$1,426,578)
11	<b>Taxable Income</b>	<b>\$249,150</b>	<b>\$1,198,767</b>	<b>\$215,659</b>	<b>\$1,252,140</b>	<b>\$215,659</b>	<b>\$1,252,140</b>
12	Income Tax Rate	22.76%	22.76%	26.50%	26.50%	26.50%	26.50%
13	Income Tax on Taxable Income	\$56,707	\$272,842	\$57,150	\$331,817	\$57,150	\$331,817
14	Income Tax Credits	(\$10,000)	(\$10,000)	(\$10,000)	(\$10,000)	(\$10,000)	(\$10,000)
15	<b>Utility Net Income</b>	<b>\$1,629,021</b>	<b>\$2,362,501</b>	<b>\$1,595,088</b>	<b>\$2,356,901</b>	<b>\$1,595,088</b>	<b>\$2,356,901</b>
16	<b>Utility Rate Base</b>	<b>\$63,100,999</b>	<b>\$63,100,999</b>	<b>\$62,951,405</b>	<b>\$62,951,405</b>	<b>\$62,951,405</b>	<b>\$62,951,405</b>
17	Deemed Equity Portion of Rate Base	\$25,240,400	\$25,240,400	\$25,180,562	\$25,180,562	\$25,180,562	\$25,180,562
18	Income/(Equity Portion of Rate Base)	6.45%	9.36%	6.33%	9.36%	6.33%	9.36%
19	Target Return - Equity on Rate Base	9.36%	9.36%	9.36%	9.36%	9.36%	9.36%
20	Deficiency/Sufficiency in Return on Equity	-2.91%	0.00%	-3.03%	0.00%	-3.03%	0.00%
21	Indicated Rate of Return	5.08%	6.25%	5.04%	6.25%	5.04%	6.25%
22	Requested Rate of Return on Rate Base	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%
23	Deficiency/Sufficiency in Rate of Return	-1.16%	0.00%	-1.21%	0.00%	-1.21%	0.00%
24	Target Return on Equity	\$2,362,501	\$2,362,501	\$2,356,901	\$2,356,901	\$2,356,901	\$2,356,901
25	Revenue Deficiency/(Sufficiency)	\$733,481	(\$0)	\$761,813	\$0	\$761,813	\$0
26	<b>Gross Revenue Deficiency/(Sufficiency)</b>	<b>\$949,615 (1)</b>		<b>\$1,036,480 (1)</b>		<b>\$1,036,480 (1)</b>	

### Notes:

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



### Revenue Requirement

Line No.	Particulars	Application	Interrogatory Responses	Per Board Decision
1	OM&A Expenses	\$5,112,027	\$5,139,182	\$5,139,182
2	Amortization/Depreciation	\$2,522,288	\$2,522,288	\$2,522,288
3	Property Taxes	\$19,225	\$19,225	\$19,225
5	Income Taxes (Grossed up)	\$262,844	\$321,818	\$321,818
6	Other Expenses	\$13,000	\$13,000	\$13,000
7	Return			
	Deemed Interest Expense	\$1,579,125	\$1,575,382	\$1,575,382
	Return on Deemed Equity	\$2,362,501	\$2,356,901	\$2,356,901
8	<b>Service Revenue Requirement (before Revenues)</b>	<u>\$11,871,010</u>	<u>\$11,947,795</u>	<u>\$11,947,795</u>
9	Revenue Offsets	\$755,699	\$755,699	\$ -
10	<b>Base Revenue Requirement (excluding Tranformer Owership Allowance credit adjustment)</b>	<u>\$11,115,311</u>	<u>\$11,192,096</u>	<u>\$11,947,795</u>
11	Distribution revenue	\$11,115,311	\$11,192,096	\$11,192,096
12	Other revenue	\$755,699	\$755,699	\$755,699
13	<b>Total revenue</b>	<u>\$11,871,010</u>	<u>\$11,947,795</u>	<u>\$11,947,795</u>
14	<b>Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)</b>	<u>(\$0)</u> (1)	<u>\$0</u> (1)	<u>\$0</u> (1)

**Notes**  
(1)

Line 11 - Line 8

Appendix 2-W  
Bill Impacts

Customer Class: Residential

TOU / non-TOU: TOU

Consumption800 kWh ☒ May 1 - October 31 ☐ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

		Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 15.1800	1	\$ 15.18	\$ 16.7500	1	\$ 16.75	\$ 1.57	10.34%
Smart Meter Rate Adder	Monthly	\$ 0.7900	1	\$ 0.79	\$ -	1	\$ -	-\$ 0.79	-100.00%
ICM rate rider	Monthly	\$ 1.0000	1	\$ 1.00		1	\$ -	-\$ 1.00	-100.00%
Smart Meter IRR	Monthly	\$ 2.7900	1	\$ 2.79		1	\$ -	-\$ 2.79	-100.00%
Stranded Assets	Monthly		1	\$ -	\$ 0.9000	1	\$ 0.90	\$ 0.90	
			1	\$ -		1	\$ -	\$ -	
Distribution Volumetric Rate	per kWh	\$ 0.0169	800	\$ 13.52	\$ 0.0186	800	\$ 14.88	\$ 1.36	10.06%
Smart Meter Disposition Rider			800	\$ -		800	\$ -	\$ -	
LRAM & SSM Rate Rider			800	\$ -		800	\$ -	\$ -	
ICM rate rider (variable)	per kWh	\$ 0.0011	800	\$ 0.88	\$ 0.0005	800	\$ 0.40	-\$ 0.48	-54.55%
Tax change rate rider	per kWh	-\$ 0.0004	800	-\$ 0.32		800	\$ -	\$ 0.32	-100.00%
			800	\$ -		800	\$ -	\$ -	
			800	\$ -		800	\$ -	\$ -	
			800	\$ -		800	\$ -	\$ -	
			800	\$ -		800	\$ -	\$ -	
			800	\$ -		800	\$ -	\$ -	
Sub-Total A (excluding pass through)				\$ 33.84			\$ 32.93	-\$ 0.91	-2.69%
Deferral/Variance Account	per kWh		800	\$ -	-\$ 0.0024	800	-\$ 1.92	-\$ 1.92	
Disposition Rate Rider			800	\$ -	-\$ 0.0006	800	-\$ 0.48	-\$ 0.48	
Disposition 1575/1576			800	\$ -	\$ -	800	\$ -	\$ -	
Rate Rider - Global Adjustment			800	\$ -		800	\$ -	\$ -	
Low Voltage Service Charge	per kWh	\$ 0.0002	800	\$ 0.16	\$ 0.0004	800	\$ 0.32	\$ 0.16	100.00%
Line Losses on Cost of Power		\$ 0.0839	8.2456	\$ 0.69	\$ 0.0839	8.2328	\$ 0.69	-\$ 0.00	-0.16%
Smart Meter Entity Charge		\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)				\$ 35.48			\$ 32.33	-\$ 3.15	-8.88%
RTSR - Network	per kWh	\$ 0.0072	808	\$ 5.82	\$ 0.0073	808	\$ 5.90	\$ 0.08	1.39%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0051	808	\$ 4.12	\$ 0.0045	808	\$ 3.64	-\$ 0.49	-11.77%
Sub-Total C - Delivery (including Sub-Total B)				\$ 45.42			\$ 41.87	-\$ 3.56	-7.83%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0044	808	\$ 3.56	\$ 0.0044	808	\$ 3.56	-\$ 0.00	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	808	\$ 1.05	\$ 0.0013	808	\$ 1.05	-\$ 0.00	0.00%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)			800	\$ -		800	\$ -	\$ -	
TOU - Off Peak	per kWh	\$ 0.0670	512	\$ 34.30	\$ 0.0670	512	\$ 34.30	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.1040	144	\$ 14.98	\$ 0.1040	144	\$ 14.98	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1240	144	\$ 17.86	\$ 0.1240	144	\$ 17.86	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0750	600	\$ 45.00	\$ 0.0750	600	\$ 45.00	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.0880	200	\$ 17.60	\$ 0.0880	200	\$ 17.60	\$ -	0.00%
Total Bill on TOU (before Taxes)				\$ 117.42			\$ 113.86	-\$ 3.56	-3.03%
HST		13%		\$ 15.26	13%		\$ 14.80	-\$ 0.46	-3.03%
Total Bill (including HST)				\$ 132.68			\$ 128.66	-\$ 4.02	-3.03%
Ontario Clean Energy Benefit <sup>1</sup>				-\$ 13.27			-\$ 12.87	\$ 0.40	-3.01%
Total Bill on TOU (including OCEB)				\$ 119.41			\$ 115.79	-\$ 3.62	-3.03%
Total Bill on RPP (before Taxes)				\$ 112.88			\$ 109.32	-\$ 3.56	-3.15%
HST		13%		\$ 14.67	13%		\$ 14.21	-\$ 0.46	-3.15%
Total Bill (including HST)				\$ 127.55			\$ 123.54	-\$ 4.02	-3.15%
Ontario Clean Energy Benefit <sup>1</sup>				-\$ 12.76			-\$ 12.35	\$ 0.41	-3.21%
Total Bill on RPP (including OCEB)				\$ 114.79			\$ 111.19	-\$ 3.61	-3.14%

Loss Factor (%)1.03%1.0291%

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

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

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

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000

GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000

GS>50kW (kW) - 60, 100, 500, 1000

Large User - range appropriate for utility

Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Note that cells with the highlighted color shown to the left indicate quantities that are loss adjusted.

Appendix 2-W  
Bill Impacts

Customer Class: GS < 50 kW - 2000 kWh

TOU / non-TOU: TOU

Consumption2,000 kWh

☒ May 1 - October 31

☐ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 29.4400	1	\$ 29.44	\$ 32.5000	1	\$ 32.50	\$ 3.06	10.39%
Smart Meter Rate Adder	Monthly		1	\$ -		1	\$ -	\$ -	
ICM rate rider	Monthly	\$ 1.9300	1	\$ 1.93		1	\$ -	-\$ 1.93	-100.00%
Smart Meter IRR	Monthly	\$ 4.7200	1	\$ 4.72		1	\$ -	-\$ 4.72	-100.00%
Stranded Assets	Monthly		1	\$ -	\$ 1.5300	1	\$ 1.53	\$ 1.53	
			1	\$ -		1	\$ -	\$ -	
Distribution Volumetric Rate	per kWh	\$ 0.0149	2000	\$ 29.80	\$ 0.0164	2000	\$ 32.80	\$ 3.00	10.07%
Smart Meter Disposition Rider			2000	\$ -		2000	\$ -	\$ -	
LRAM & SSM Rate Rider			2000	\$ -		2000	\$ -	\$ -	
ICM rate rider (variable)	per kWh	\$ 0.0010	2000	\$ 2.00	\$ 0.0005	2000	\$ 1.00	-\$ 1.00	-50.00%
Tax change rate rider	per kWh	-\$ 0.0003	2000	-\$ 0.60		2000	\$ -	\$ 0.60	-100.00%
			2000	\$ -		2000	\$ -	\$ -	
			2000	\$ -		2000	\$ -	\$ -	
			2000	\$ -		2000	\$ -	\$ -	
			2000	\$ -		2000	\$ -	\$ -	
Sub-Total A (excluding pass through)				\$ 67.29			\$ 67.83	\$ 0.54	0.80%
Deferral/Variance Account	per kWh		2000	\$ -	-\$ 0.0018	2000	-\$ 3.60	-\$ 3.60	
Disposition Rate Rider			2000	\$ -	-\$ 0.0006	2000	-\$ 1.20	-\$ 1.20	
Disposition 1575/1576			2000	\$ -		2000	\$ -	\$ -	
Rate Rider - Global Adjustment			2000	\$ -		2000	\$ -	\$ -	
Low Voltage Service Charge	per kWh	\$ 0.0002	2000	\$ 0.40	\$ 0.0003	2000	\$ 0.60	\$ 0.20	50.00%
Line Losses on Cost of Power		\$ 0.0839	20.614	\$ 1.73	\$ 0.0839	20.582	\$ 1.73	-\$ 0.00	-0.16%
Smart Meter Entity Charge		\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)				\$ 70.21			\$ 66.15	-\$ 4.06	-5.79%
RTSR - Network	per kWh	\$ 0.0062	2021	\$ 12.53	\$ 0.0063	2021	\$ 12.73	\$ 0.20	1.61%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0047	2021	\$ 9.50	\$ 0.0041	2021	\$ 8.28	-\$ 1.21	-12.77%
Sub-Total C - Delivery (including Sub-Total B)				\$ 92.23			\$ 87.16	-\$ 5.07	-5.50%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0044	2021	\$ 8.89	\$ 0.0044	2021	\$ 8.89	-\$ 0.00	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	2021	\$ 2.63	\$ 0.0013	2021	\$ 2.63	-\$ 0.00	0.00%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)		\$ 0.0070	2000	\$ 14.00	\$ 0.0070	2000	\$ 14.00	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0670	1280	\$ 85.76	\$ 0.0670	1280	\$ 85.76	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.1040	360	\$ 37.44	\$ 0.1040	360	\$ 37.44	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1240	360	\$ 44.64	\$ 0.1240	360	\$ 44.64	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0750	600	\$ 45.00	\$ 0.0750	600	\$ 45.00	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.0880	1400	\$ 123.20	\$ 0.0880	1400	\$ 123.20	\$ -	0.00%
Total Bill on TOU (before Taxes)				\$ 285.84			\$ 280.77	-\$ 5.07	-1.77%
HST		13%		\$ 37.16	13%		\$ 36.50	-\$ 0.66	-1.77%
Total Bill (including HST)				\$ 323.00			\$ 317.27	-\$ 5.73	-1.77%
Ontario Clean Energy Benefit <sup>1</sup>				-\$ 32.30			-\$ 31.73	\$ 0.57	-1.76%
Total Bill on TOU (including OCEB)				\$ 290.70			\$ 285.54	-\$ 5.16	-1.78%
Total Bill on RPP (before Taxes)				\$ 286.20			\$ 281.13	-\$ 5.07	-1.77%
HST		13%		\$ 37.21	13%		\$ 36.55	-\$ 0.66	-1.77%
Total Bill (including HST)				\$ 323.41			\$ 317.68	-\$ 5.73	-1.77%
Ontario Clean Enerav Benefit <sup>1</sup>				-\$ 32.34			-\$ 31.77	\$ 0.57	-1.76%
Total Bill on RPP (including OCEB)				\$ 291.07			\$ 285.91	-\$ 5.16	-1.77%
Loss Factor (%)		1.0307%			1.0291%				

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

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

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

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

Note that cells with the highlighted color shown to the left indicate quantities that are loss adjusted.

Appendix 2-W  
Bill Impacts

Customer Class: GS > 50 kW Interval 600 kW and 306,600 kWh

TOU / non-TOU: non-TOU

Consumption600 kWh ☒ May 1 - October 31 ☐ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

		Current Board-Approved			Proposed			Impact	
Charge Unit		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 227.5700	1	\$ 227.57	\$ 227.5700	1	\$ 227.57	\$ -	0.00%
Smart Meter Rate Adder	Monthly		1	\$ -		1	\$ -	\$ -	
ICM rate rider	Monthly	\$ 14.8900	1	\$ 14.89		1	\$ -	-\$ 14.89	-100.00%
Smart Meter IRR	Monthly		1	\$ -		1	\$ -	\$ -	
Stranded Assets	Monthly		1	\$ -		1	\$ -	\$ -	
			1	\$ -		1	\$ -	\$ -	
Distribution Volumetric Rate	per kW	\$ 2.3333	600	\$ 1,399.98	\$ 2.6534	600	\$ 1,592.04	\$ 192.06	13.72%
Smart Meter Disposition Rider			600	\$ -		600	\$ -	\$ -	
LRAM & SSM Rate Rider			600	\$ -		600	\$ -	\$ -	
ICM rate rider (variable)	per kW	\$ 0.1527	600	\$ 91.62	\$ 0.2099	600	\$ 125.94	\$ 34.32	37.46%
Tax change rate rider	per kW	-\$ 0.0347	600	-\$ 20.82		600	\$ -	\$ 20.82	-100.00%
			600	\$ -		600	\$ -	\$ -	
			600	\$ -		600	\$ -	\$ -	
			600	\$ -		600	\$ -	\$ -	
			600	\$ -		600	\$ -	\$ -	
			600	\$ -		600	\$ -	\$ -	
Sub-Total A (excluding pass through)				\$ 1,713.24			\$ 1,945.55	\$ 232.31	13.56%
Deferral/Variance Account			600	\$ -	-\$ 0.7607	600	-\$ 456.42	-\$ 456.42	
Disposition Rate Rider			600	\$ -	-\$ 0.2438	600	-\$ 146.28	-\$ 146.28	
Disposition 1575/1576			600	\$ -		600	\$ 595.62	\$ 595.62	
Rate Rider - Global Adjustment	per kW		600	\$ -	\$ 0.9927	600	\$ -	\$ -	
			600	\$ -		600	\$ 81.13	\$ 39.79	96.26%
Low Voltage Service Charge	per kW	\$ 0.0689	600	\$ 41.34	\$ 0.1352	600	\$ 81.13	\$ 39.79	96.26%
Line Losses on Cost of Power		\$ 0.0880	6,1224	\$ 0.54	\$ 0.0839	6,1128	\$ 0.51	-\$ 0.03	-4.79%
Smart Meter Entity Charge		\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)				\$ 1,755.12			\$ 2,020.11	\$ 265.00	15.10%
RTSR - Network	per kW	\$ 2.7761	600	\$ 1,665.66	\$ 2.8202	600	\$ 1,692.12	\$ 26.46	1.59%
RTSR - Line and Transformation Connection	per kW	\$ 2.0481	600	\$ 1,228.86	\$ 1.7972	600	\$ 1,078.32	-\$ 150.54	-12.25%
Sub-Total C - Delivery (including Sub-Total B)				\$ 4,649.64			\$ 4,790.55	\$ 140.92	3.03%
Wholesale Market Service Charge (WMSC)	per kW	\$ 0.0044	306600	\$ 1,349.04	\$ 0.0044	306600	\$ 1,349.04	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kW	\$ 0.0013	306600	\$ 398.58	\$ 0.0013	306600	\$ 398.58	\$ -	0.00%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)		\$ 0.0070	306600	\$ 2,146.20	\$ 0.0070	306600	\$ 2,146.20	\$ -	0.00%
TOU - Off Peak	per kW	\$ 0.0670	196224	\$ 13,147.01	\$ 0.0670	196224	\$ 13,147.01	\$ -	0.00%
TOU - Mid Peak	per kW	\$ 0.1040	55188	\$ 5,739.55	\$ 0.1040	55188	\$ 5,739.55	\$ -	0.00%
TOU - On Peak	per kW	\$ 0.1240	55188	\$ 6,843.31	\$ 0.1240	55188	\$ 6,843.31	\$ -	0.00%
Energy - RPP - Tier 1	per kW	\$ 0.0750	750	\$ 56.25	\$ 0.0750	750	\$ 56.25	\$ -	0.00%
Energy - RPP - Tier 2	per kW	\$ 0.0880	305850	\$ 26,914.80	\$ 0.0880	305850	\$ 26,914.80	\$ -	0.00%
Total Bill on TOU (before Taxes)				\$ 34,273.58			\$ 34,414.50	\$ 140.92	0.41%
HST	13%			\$ 4,455.57	13%		\$ 4,473.88	\$ 18.32	0.41%
Total Bill (including HST)				\$ 38,729.15			\$ 38,888.38	\$ 159.24	0.41%
Ontario Clean Energy Benefit <sup>1</sup>				\$ -			\$ -	\$ -	
Total Bill on TOU (including OCEB)				\$ 38,729.15			\$ 38,888.38	\$ 159.24	0.41%
Total Bill on RPP (before Taxes)				\$ 35,514.76			\$ 35,655.67	\$ 140.92	0.40%
HST	13%			\$ 4,616.92	13%		\$ 4,635.24	\$ 18.32	0.40%
Total Bill (including HST)				\$ 40,131.68		9	\$ 40,290.91	\$ 159.24	0.40%
Ontario Clean Energy Benefit <sup>1</sup>				\$ -			\$ -	\$ -	
Total Bill on RPP (including OCEB)				\$ 40,131.68			\$ 40,290.91	\$ 159.24	0.40%

Loss Factor (%)1.0204%1.0188%

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

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

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

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000  
GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000  
GS>50kW (kW) - 60, 100, 500, 1000

Large User - range appropriate for utility  
Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Note that cells with the highlighted color shown to the left indicate quantities that are loss adjusted.

Appendix 2-W  
Bill Impacts

Customer Class: Large Use 5000 kW and 2,555,000 kWh

TOU / non-TOU: non-TOU

Consumption5,000 kWh ☒ May 1 - October 31 ☐ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

		Current Board-Approved			Proposed			Impact	
Charge Unit		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 10,883.8900	1	\$ 10,883.89	\$ 10,883.8900	1	\$ 10,883.89	\$ -	0.00%
Smart Meter Rate Adder	Monthly		1	\$ -		1	\$ -	\$ -	
ICM rate rider	Monthly	\$ 712.2300	1	\$ 712.23		1	\$ -	-\$ 712.23	-100.00%
Smart Meter IRR	Monthly		1	\$ -		1	\$ -	\$ -	
Stranded Assets	Monthly		1	\$ -		1	\$ -	\$ -	
			1	\$ -		1	\$ -	\$ -	
Distribution Volumetric Rate	per kW	\$ 1.0100	5000	\$ 5,050.00	\$ 1.4403	5000	\$ 7,201.50	\$ 2,151.50	42.60%
Smart Meter Disposition Rider			5000	\$ -		5000	\$ -	\$ -	
LRAM & SSM Rate Rider			5000	\$ -		5000	\$ -	\$ -	
ICM rate rider (variable)	per kW	\$ 0.0661	5000	\$ 330.50	\$ 0.3539	5000	\$ 1,769.50	\$ 1,439.00	435.40%
Tax change rate rider	per kW	-\$ 0.0342	5000	-\$ 171.00		5000	\$ -	\$ 171.00	-100.00%
			5000	\$ -		5000	\$ -	\$ -	
			5000	\$ -		5000	\$ -	\$ -	
			5000	\$ -		5000	\$ -	\$ -	
			5000	\$ -		5000	\$ -	\$ -	
			5000	\$ -		5000	\$ -	\$ -	
Sub-Total A (excluding pass through)				\$ 16,805.62			\$ 19,854.89	\$ 3,049.27	18.14%
Deferral/Variance Account			5000	\$ -	-\$ 0.8574	5000	-\$ 4,287.00	-\$ 4,287.00	
Disposition Rate Rider			5000	\$ -	-\$ 0.4111	5000	-\$ 2,055.50	-\$ 2,055.50	
Disposition 1575/1576			5000	\$ -		5000	\$ 8,367.00	\$ 8,367.00	
Rate Rider - Global Adjustment	per kW		5000	\$ -	\$ 1.6734	5000	\$ -	\$ -	
			5000	\$ -		5000	\$ 789.00	\$ 388.50	97.00%
Low Voltage Service Charge	per kW	\$ 0.0801	5000	\$ 400.50	\$ 0.1578	5000	\$ 789.00	\$ 388.50	97.00%
Line Losses on Cost of Power		\$ 0.0880	50.375	\$ 4.43	\$ 0.0839	50.375	\$ 4.23	-\$ 0.21	-4.64%
Smart Meter Entity Charge		\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)				\$ 17,210.55			\$ 22,672.62	\$ 5,462.06	31.74%
RTSR - Network	per kW	\$ 3.0738	5000	\$ 15,369.00	\$ 3.1226	5000	\$ 15,613.00	\$ 244.00	1.59%
RTSR - Line and Transformation Connection	per kW	\$ 2.3422	5000	\$ 11,711.00	\$ 2.0552	5000	\$ 10,276.00	-\$ 1,435.00	-12.25%
Sub-Total C - Delivery (including Sub-Total B)				\$ 44,290.55			\$ 48,561.62	\$ 4,271.06	9.64%
Wholesale Market Service Charge (WMSC)	per kW	\$ 0.0044	2555000	\$ 11,242.00	\$ 0.0044	2555000	\$ 11,242.00	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kW	\$ 0.0013	2555000	\$ 3,321.50	\$ 0.0013	2555000	\$ 3,321.50	\$ -	0.00%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)		\$ 0.0070	2535980	\$ 17,751.86	\$ 0.0070	2535980	\$ 17,751.86	\$ -	0.00%
TOU - Off Peak	per kW	\$ 0.0670	1635200	\$ 109,558.40	\$ 0.0670	1635200	\$ 109,558.40	\$ -	0.00%
TOU - Mid Peak	per kW	\$ 0.1040	459900	\$ 47,829.60	\$ 0.1040	459900	\$ 47,829.60	\$ -	0.00%
TOU - On Peak	per kW	\$ 0.1240	459900	\$ 57,027.60	\$ 0.1240	459900	\$ 57,027.60	\$ -	0.00%
Energy - RPP - Tier 1	per kW	\$ 0.0750	750	\$ 56.25	\$ 0.0750	750	\$ 56.25	\$ -	0.00%
Energy - RPP - Tier 2	per kW	\$ 0.0880	2535230	\$ 223,100.25	\$ 0.0880	2535230	\$ 223,100.25	\$ -	0.00%
Total Bill on TOU (before Taxes)				\$ 291,021.76			\$ 295,292.83	\$ 4,271.06	1.47%
HST	13%			\$ 37,832.83	13%		\$ 38,388.07	\$ 555.24	1.47%
Total Bill (including HST)				\$ 328,854.59			\$ 333,680.90	\$ 4,826.30	1.47%
Ontario Clean Energy Benefit <sup>1</sup>				\$ -			\$ -	\$ -	
Total Bill on TOU (including OCEB)				\$ 328,854.59			\$ 333,680.90	\$ 4,826.30	1.47%
Total Bill on RPP (before Taxes)				\$ 299,762.67			\$ 304,033.73	\$ 4,271.06	1.42%
HST	13%			\$ 38,969.15	13%		\$ 39,524.39	\$ 555.24	1.42%
Total Bill (including HST)				\$ 338,731.81			\$ 343,558.12	\$ 4,826.30	1.42%
Ontario Clean Energy Benefit <sup>1</sup>				\$ -			\$ -	\$ -	
Total Bill on RPP (including OCEB)				\$ 338,731.81			\$ 343,558.12	\$ 4,826.30	1.42%

Loss Factor (%)1.0075%1.0075%

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

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

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

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

Note that cells with the highlighted color shown to the left indicate quantities that are loss adjusted.

Appendix 2-W  
Bill Impacts

Customer Class: Sentinel Lights .36 kW and 131 kWh

TOU / non-TOU: non-TOU

Consumption131 kWh  
0.36 kW ☐ May 1 - October 31 ☒ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

		Current Board-Approved			Proposed			Impact	
Charge Unit		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 2.0600	1	\$ 2.06	\$ 2.2700	1	\$ 2.27	\$ 0.21	10.19%
Smart Meter Rate Adder	Monthly		1	\$ -		1	\$ -	\$ -	
ICM rate rider	Monthly	\$ 0.1300	1	\$ 0.13		1	\$ -	-\$ 0.13	-100.00%
Smart Meter IRR	Monthly		1	\$ -		1	\$ -	\$ -	
Stranded Assets	Monthly		1	\$ -		1	\$ -	\$ -	
			1	\$ -		1	\$ -	\$ -	
Distribution Volumetric Rate	per kW	\$ 10.8198	0.36	\$ 3.90	\$ 11.9248	0.36	\$ 4.29	\$ 0.40	10.21%
Smart Meter Disposition Rider			0.36	\$ -		0.36	\$ -	\$ -	
LRAM & SSM Rate Rider			0.36	\$ -		0.36	\$ -	\$ -	
ICM rate rider (variable)	per kW	\$ 0.7080	0.36	\$ 0.25	\$ 0.2315	0.36	\$ 0.08	-\$ 0.17	-67.30%
Tax change rate rider	per kW	-\$ 0.1554	0.36	-\$ 0.06		0.36	\$ -	\$ 0.06	-100.00%
			0.36	\$ -		0.36	\$ -	\$ -	
			0.36	\$ -		0.36	\$ -	\$ -	
			0.36	\$ -		0.36	\$ -	\$ -	
			0.36	\$ -		0.36	\$ -	\$ -	
			0.36	\$ -		0.36	\$ -	\$ -	
			0.36	\$ -		0.36	\$ -	\$ -	
Sub-Total A (excluding pass through)				\$ 6.28			\$ 6.65	\$ 0.36	5.76%
Deferral/Variance Account			0.36	\$ -	-\$ 1.3227	0.36	-\$ 0.48	-\$ 0.48	
Disposition Rate Rider			0.36	\$ -	-\$ 0.2685	0.36	-\$ 0.10	-\$ 0.10	
Disposition 1575/1576			0.36	\$ -		0.36	\$ -	\$ -	
Rate Rider - Global Adjustment	per kW		0.36	\$ -		0.36	\$ -	\$ -	
			0.36	\$ -		0.36	\$ -	\$ -	
Low Voltage Service Charge	per kW	\$ 0.0504	0.36	\$ 0.02	\$ 0.0994	0.36	\$ 0.04	\$ 0.02	97.22%
Line Losses on Cost of Power		\$ 0.0750	0.00371	\$ 0.00	\$ 0.0839	0.0037	\$ 0.00	\$ 0.00	11.72%
Smart Meter Entity Charge		\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)				\$ 6.30			\$ 6.11	-\$ 0.19	-3.06%
RTSR - Network	per kW	\$ 1.9812	0.36	\$ 0.72	\$ 2.0127	0.36	\$ 0.73	\$ 0.01	1.59%
RTSR - Line and Transformation Connection	per kW	\$ 1.4746	0.36	\$ 0.54	\$ 1.2939	0.36	\$ 0.47	-\$ 0.07	-12.26%
Sub-Total C - Delivery (including Sub-Total B)				\$ 7.56			\$ 7.31	-\$ 0.25	-3.27%
Wholesale Market Service Charge (WMSC)	per kW	\$ 0.0044	135	\$ 0.59	\$ 0.0044	135	\$ 0.59	-\$ 0.00	-0.16%
Rural and Remote Rate Protection (RRRP)	per kW	\$ 0.0013	135	\$ 0.18	\$ 0.0013	135	\$ 0.18	\$ -	0.00%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)		\$ 0.0070	131	\$ 0.92	\$ 0.0070	131	\$ 0.92	\$ -	0.00%
TOU - Off Peak	per kW	\$ 0.0670	84	\$ 5.62	\$ 0.0670	84	\$ 5.62	\$ -	0.00%
TOU - Mid Peak	per kW	\$ 0.1040	24	\$ 2.45	\$ 0.1040	24	\$ 2.45	\$ -	0.00%
TOU - On Peak	per kW	\$ 0.1240	24	\$ 2.92	\$ 0.1240	24	\$ 2.92	\$ -	0.00%
Energy - RPP - Tier 1	per kW	\$ 0.0750	131	\$ 9.83	\$ 0.0750	131	\$ 9.83	\$ -	0.00%
Energy - RPP - Tier 2	per kW	\$ 0.0880	0	\$ -	\$ 0.0880	0	\$ -	\$ -	
Total Bill on TOU (before Taxes)				\$ 20.49			\$ 20.24	-\$ 0.25	-1.21%
HST	13%			\$ 2.66	13%		\$ 2.63	-\$ 0.03	-1.21%
Total Bill (including HST)				\$ 23.15			\$ 22.87	-\$ 0.28	-1.21%
Ontario Clean Energy Benefit <sup>1</sup>				-\$ 2.32			-\$ 2.29	\$ 0.03	-1.29%
Total Bill on TOU (including OCEB)				\$ 20.83			\$ 20.58	-\$ 0.25	-1.20%
Total Bill on RPP (before Taxes)				\$ 19.32			\$ 19.07	-\$ 0.25	-1.28%
HST	13%			\$ 2.51	13%		\$ 2.48	-\$ 0.03	-1.28%
Total Bill (including HST)				\$ 21.83			\$ 21.55	-\$ 0.28	-1.28%
Ontario Clean Energy Benefit <sup>1</sup>				-\$ 2.18			-\$ 2.16	\$ 0.02	-0.92%
Total Bill on RPP (including OCEB)				\$ 19.65			\$ 19.39	-\$ 0.26	-1.33%

Loss Factor (%)1.0307%1.0291%

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

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

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

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

Note that cells with the highlighted color shown to the left indicate quantities that are loss adjusted.

Appendix 2-W  
Bill Impacts

Customer Class:

Unmetered Scattered Load

TOU / non-TOU:

TOU

Consumption

340 kWh

☒ May 1 - October 31

☐ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

		Current Board-Approved			Proposed			Impact	
Charge Unit		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 13.0400	1	\$ 13.04	\$ 8.2000	1	\$ 8.20	-\$ 4.84	-37.12%
Smart Meter Rate Adder	Monthly		1	\$ -		1	\$ -	\$ -	
ICM rate rider	Monthly	\$ 0.8500	1	\$ 0.85		1	\$ -	-\$ 0.85	-100.00%
Smart Meter IRR	Monthly		1	\$ -		1	\$ -	\$ -	
Stranded Assets	Monthly		1	\$ -		1	\$ -	\$ -	
			1	\$ -		1	\$ -	\$ -	
Distribution Volumetric Rate	per kWh	\$ 0.0129	340	\$ 4.39	\$ 0.0083	340	\$ 2.82	-\$ 1.56	-35.66%
Smart Meter Disposition Rider			340	\$ -		340	\$ -	\$ -	
LRAM & SSM Rate Rider			340	\$ -		340	\$ -	\$ -	
ICM rate rider (variable)	per kWh	\$ 0.0008	340	\$ 0.27	\$ 0.0005	340	\$ 0.17	-\$ 0.10	-37.50%
Tax change rate rider	per kWh	-\$ 0.0006	340	-\$ 0.20		340	\$ -	\$ 0.20	-100.00%
			340	\$ -		340	\$ -	\$ -	
			340	\$ -		340	\$ -	\$ -	
			340	\$ -		340	\$ -	\$ -	
			340	\$ -		340	\$ -	\$ -	
			340	\$ -		340	\$ -	\$ -	
Sub-Total A (excluding pass through)				\$ 18.34			\$ 11.19	-\$ 7.15	-38.99%
Deferral/Variance Account			340	\$ -	-\$ 0.0025	340	-\$ 0.85	-\$ 0.85	
Disposition Rate Rider			340	\$ -	-\$ 0.0006	340	-\$ 0.20	-\$ 0.20	
Disposition 1575/1576			340	\$ -		340	\$ -	\$ -	
Rate Rider - Global Adjustment	per kWh		340	\$ -	\$ -	340	\$ -	\$ -	
			340	\$ -		340	\$ -	\$ -	
Low Voltage Service Charge	per kWh	\$ 0.0002	340	\$ 0.07	\$ 0.0003	340	\$ 0.10	\$ 0.03	50.00%
Line Losses on Cost of Power		\$ 0.0839	3.50438	\$ 0.29	\$ 0.0839	3.49894	\$ 0.29	-\$ 0.00	-0.16%
Smart Meter Entity Charge		\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)				\$ 18.71			\$ 10.53	-\$ 8.17	-43.69%
RTSR - Network	per kWh	\$ 0.0062	344	\$ 2.13	\$ 0.0063	343	\$ 2.16	\$ 0.03	1.61%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0047	344	\$ 1.61	\$ 0.0041	343	\$ 1.41	-\$ 0.21	-12.77%
Sub-Total C - Delivery (including Sub-Total B)				\$ 22.45			\$ 14.11	-\$ 8.34	-37.17%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0044	344	\$ 1.51	\$ 0.0044	343	\$ 1.51	-\$ 0.00	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	344	\$ 0.45	\$ 0.0013	343	\$ 0.45	-\$ 0.00	0.00%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)		\$ 0.0070	340	\$ 2.38	\$ 0.0070	340	\$ 2.38	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0670	218	\$ 14.58	\$ 0.0670	218	\$ 14.58	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.1040	61	\$ 6.36	\$ 0.1040	61	\$ 6.36	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1240	61	\$ 7.59	\$ 0.1240	61	\$ 7.59	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0750	340	\$ 25.50	\$ 0.0750	340	\$ 25.50	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.0880	0	\$ -	\$ 0.0880	0	\$ -	\$ -	
Total Bill on TOU (before Taxes)				\$ 55.57			\$ 47.23	-\$ 8.34	-15.02%
HST	13%			\$ 7.22	13%		\$ 6.14	-\$ 1.08	-15.02%
Total Bill (including HST)				\$ 62.80			\$ 53.37	-\$ 9.43	-15.02%
Ontario Clean Energy Benefit <sup>1</sup>				-\$ 6.28			-\$ 5.34	\$ 0.94	-14.97%
Total Bill on TOU (including OCEB)				\$ 56.52			\$ 48.03	-\$ 8.49	-15.02%
Total Bill on RPP (before Taxes)				\$ 52.54			\$ 44.19	-\$ 8.34	-15.88%
HST	13%			\$ 6.83	13%		\$ 5.75	-\$ 1.08	-15.88%
Total Bill (including HST)				\$ 59.37			\$ 49.94	-\$ 9.43	-15.88%
Ontario Clean Energy Benefit <sup>1</sup>				-\$ 5.94			-\$ 4.99	\$ 0.95	-15.99%
Total Bill on RPP (including OCEB)				\$ 53.43			\$ 44.95	-\$ 8.48	-15.87%

Loss Factor (%)

1.0307%

1.0291%

<sup>1</sup> Applicable to eligible customers only. Refer to the *Ontario Clean Energy Benefit Act, 2010*.

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

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

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

Note that cells with the highlighted color shown to the left indicate quantities that are loss adjusted.

Appendix 2-W  
Bill Impacts

Customer Class: Street Lights - 657kW 239805 kWh

TOU / non-TOU: non-TOU

239805 kWh

Consumption657 kW

☒ May 1 - October 31

☐ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

		Current Board-Approved			Proposed			Impact	
Charge Unit		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 1.1000	3000	\$ 3,300.00	\$ 0.9700	3000	\$ 2,910.00	-\$ 390.00	-11.82%
Smart Meter Rate Adder	Monthly		1	\$ -		1	\$ -	\$ -	
ICM rate rider	Monthly	\$ 0.0700	3000	\$ 210.00		1	\$ -	-\$ 210.00	-100.00%
Smart Meter IRR	Monthly		1	\$ -		1	\$ -	\$ -	
Stranded Assets	Monthly		1	\$ -		1	\$ -	\$ -	
			1	\$ -		1	\$ -	\$ -	
Distribution Volumetric Rate	per kW	\$ 5.0151	657	\$ 3,294.92	\$ 4.4352	657	\$ 2,913.93	-\$ 380.99	-11.56%
Smart Meter Disposition Rider			657	\$ -		657	\$ -	\$ -	
LRAM & SSM Rate Rider			657	\$ -		657	\$ -	\$ -	
ICM rate rider (variable)	per kW	\$ 0.3282	657	\$ 215.63	\$ 0.2083	657	\$ 136.85	-\$ 78.77	-36.53%
Tax change rate rider	per kW	-\$ 0.1346	657	-\$ 88.43		657	\$ -	\$ 88.43	-100.00%
			657	\$ -		657	\$ -	\$ -	
			657	\$ -		657	\$ -	\$ -	
			657	\$ -		657	\$ -	\$ -	
			657	\$ -		657	\$ -	\$ -	
			657	\$ -		657	\$ -	\$ -	
Sub-Total A (excluding pass through)				\$ 6,932.12			\$ 5,960.78	-\$ 971.34	-14.01%
Deferral/Variance Account			657	\$ -	-\$ 0.8666	657	-\$ 569.36	-\$ 569.36	
Disposition Rate Rider			657	\$ -	-\$ 0.2419	657	-\$ 158.93	-\$ 158.93	
Disposition 1575/1576			657	\$ -		657	\$ -	\$ -	
Rate Rider - Global Adjustment	per kW		657	\$ -	\$ -	657	\$ -	\$ -	
			657	\$ -		657	\$ -	\$ -	
Low Voltage Service Charge	per kW	\$ 0.0494	657	\$ 32.46	\$ 0.0973	657	\$ 63.93	\$ 31.47	96.96%
Line Losses on Cost of Power		\$ 0.0880	6.7717	\$ 0.60	\$ 0.0839	6.76119	\$ 0.57	-\$ 0.03	-4.78%
Smart Meter Entity Charge		\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)				\$ 6,965.17			\$ 5,296.99	-\$ 1,668.18	-23.95%
RTSR - Network	per kW	\$ 1.9712	657	\$ 1,295.08	\$ 2.0025	657	\$ 1,315.64	\$ 20.56	1.59%
RTSR - Line and Transformation Connection	per kW	\$ 1.4444	657	\$ 948.97	\$ 1.2674	657	\$ 832.68	-\$ 116.29	-12.25%
Sub-Total C - Delivery (including Sub-Total B)				\$ 9,209.22			\$ 7,445.31	-\$ 1,763.90	-19.15%
Wholesale Market Service Charge (WMSC)	per kW	\$ 0.0044	247167	\$ 1,087.53	\$ 0.0044	246783	\$ 1,085.85	-\$ 1.69	-0.16%
Rural and Remote Rate Protection (RRRP)	per kW	\$ 0.0013	247167	\$ 321.32	\$ 0.0013	246783	\$ 320.82	-\$ 0.50	-0.16%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)		\$ 0.0070	239805	\$ 1,678.64	\$ 0.0070	239805	\$ 1,678.64	\$ -	0.00%
TOU - Off Peak	per kW	\$ 0.0670	153475	\$ 10,282.84	\$ 0.0670	153475	\$ 10,282.84	\$ -	0.00%
TOU - Mid Peak	per kW	\$ 0.1040	43165	\$ 4,489.15	\$ 0.1040	43165	\$ 4,489.15	\$ -	0.00%
TOU - On Peak	per kW	\$ 0.1240	43165	\$ 5,352.45	\$ 0.1240	43165	\$ 5,352.45	\$ -	0.00%
Energy - RPP - Tier 1	per kW	\$ 0.0750	750	\$ 56.25	\$ 0.0750	750	\$ 56.25	\$ -	0.00%
Energy - RPP - Tier 2	per kW	\$ 0.0880	239055	\$ 21,036.84	\$ 0.0880	239055	\$ 21,036.84	\$ -	0.00%
Total Bill on TOU (before Taxes)				\$ 32,421.39			\$ 30,655.30	-\$ 1,766.09	-5.45%
HST	13%			\$ 4,214.78	13%		\$ 3,985.19	-\$ 229.59	-5.45%
Total Bill (including HST)				\$ 36,636.17			\$ 34,640.49	-\$ 1,995.68	-5.45%
Ontario Clean Energy Benefit <sup>1</sup>				\$ -			\$ -	\$ -	
Total Bill on TOU (including OCEB)				\$ 36,636.17			\$ 34,640.49	-\$ 1,995.68	-5.45%
Total Bill on RPP (before Taxes)				\$ 33,390.04			\$ 31,623.95	-\$ 1,766.09	-5.29%
HST	13%			\$ 4,340.71	13%		\$ 4,111.11	-\$ 229.59	-5.29%
Total Bill (including HST)				\$ 37,730.75			\$ 35,735.07	-\$ 1,995.68	-5.29%
Ontario Clean Energy Benefit <sup>1</sup>				\$ -			\$ -	\$ -	
Total Bill on RPP (including OCEB)				\$ 37,730.75			\$ 35,735.07	-\$ 1,995.68	-5.29%

Loss Factor (%)

1.0307%

1.0291%

<sup>1</sup> Applicable to eligible customers only. Refer to the *Ontario Clean Energy Benefit Act, 2010*.

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

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

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

Note that cells with the highlighted color shown to the left indicate quantities that are loss adjusted.

Appendix 2-AB  
Table 2 - Capital Expenditure Summary from Chapter 5 Consolidated  
Distribution System Plan Filing Requirements

First year of Forecast Period: 2015

CATEGORY	Historical Period (previous plan <sup>1</sup> & actual)															Forecast Period (planned)				
	2010			2011			2012			2013			2014			2015	2016	2017	2018	2019
	Plan	Actual	Var	Plan	Actual	Var	Plan	Actual	Var	Plan	Actual	Var	Plan	Actual <sup>2</sup>	Var					
	\$ '000		%	\$ '000		%	\$ '000		%	\$ '000		%	\$ '000		%					
System Access	295,600	285,868	-3.3%	609,000	439,986	-27.8%	364,000	503,122	38.2%	452,000	272,227	-39.8%	315,000		-100.0%	321,500	328,000	334,500	341,000	347,500
System Renewal	2,468,400	2,116,936	-14.2%	2,111,000	2,306,268	9.3%	2,146,000	1,759,913	-18.0%	1,706,500	2,036,400	19.3%	1,688,000		-100.0%	1,490,000	1,513,000	1,539,000	1,565,000	1,592,000
System Service	498,000	377,833	-24.1%	200,000	93,154	-53.4%	465,000	523,091	12.5%	881,500	673,952	-23.5%	310,000		-100.0%	310,000	314,000	316,000	318,000	320,000
General Plant	485,000	359,166	-25.9%	471,500	219,406	-53.5%	434,000	505,287	16.4%	403,000	405,208	0.5%	460,000		-100.0%	500,000	427,000	826,000	445,000	415,000
TOTAL EXPENDITURE	3,747,000	3,139,803	-16.2%	3,391,500	3,058,814	-9.8%	3,409,000	3,291,413	-3.4%	3,443,000	3,387,787	-1.6%	2,773,000		-100.0%	2,621,500	2,582,000	3,015,500	2,669,000	2,674,500
Increase in major spare parts		41,549			-			66,863			-									
smart meters and related computer equipment reclassified from USOA 1555								3,694,577												
contributed capital USOA 1995	- 390,000	- 474,049		-	106,480		-	342,654		-	154,030		- 150,000			- 120,000	- 120,000	- 120,000	- 120,000	- 120,000
TS CWIP USOA 2205		879,452			312,730			7,830,663			5,860,659									
Non Rate-Regulated Utility Property USOA 2017 (solar)		44,951			249,738			-			-									
TOTAL EXPENDITURE		3,631,705			3,514,802			14,540,863			9,094,416		2,623,000			2,501,500	2,462,000	2,895,500	2,549,000	2,554,500
System O&M	\$1,472,730	\$ 1,446,517	-1.8%	\$1,509,548	\$ 1,539,820	2.0%	\$ 1,539,739	\$ 2,202,237	43.0%		\$ 2,028,047	--	\$ 1,988,810		-100.0%	\$ 2,142,787	\$2,084,956	\$2,123,978	\$2,171,021	

PER EXB 4 DATA 1,446,518 1,539,820 2,202,238

Annual Depreciation Amounts: 2,785,908 2,790,514 3,442,289 2,114,336 \$ 1,900,978 \$ 2,679,286

Notes to the Table:

1. Historical "previous plan" data is not required unless a plan has previously been filed
2. Indicate the number of months of 'actual' data included in the last year of the Historical Period (normally a 'bridge' year):

Explanatory Notes on Variances (complete only if applicable)

Notes on shifts in forecast vs. historical budgets by category

System Access - historical budget vs forecast is stable over the planning horizon. System access is mostly driven by 3rd party work and no major changes are expected. The forecast period budget is 10% below historical actual to date.  
System Renewal - forecasted budget for SR projects decreases compared to historical budget due to the age and system condition of assets as defined in the asset management report. spending stays stable

Notes on year over year Plan vs. Actual variances for Total Expenditures

There is one historical year the variance exceeds +10 percent of spending, 2010. As was described in the DSP, \$515,000 was removed from the 2010 budget do to additional spending required in the smart meter roll out.

Notes on Plan vs. Actual variance trends for individual expenditure categories

System Access - The variance for this category is attributed to the amount of actual work required to be completed by customers. All work in this category is customer driven for which FHI has no control.  
System Renewal - Although system renewal had year to year variances the total variance over the 4 year reported period is less than 1%, this can be attributed to timing.

## GRID PROMISSORY NOTE

September 1, 2012

1. **FOR VALUE RECEIVED**, the undersigned, **FESTIVAL HYDRO SERVICES INC.**, a company incorporated under the laws of the Province of Ontario (the "**Borrower**") hereby promises to pay to or to the order of **FESTIVAL HYDRO INC.** (the "**Holder**") the unpaid principal balance of all advances ("**Advances**"), together with interest on such Advances as hereinafter provided for, made by the Holder to the Borrower as recorded by the Holder on the grid attached as Appendix A hereto, and if more than one grid is attached hereto, on the grids sequentially numbered and attached hereto. Notwithstanding the terms provided above, the balance of all Advances shall total no greater than Two Million Dollars (\$2,000,000) in lawful money of Canada.
2. The Borrower shall pay interest on the principal balance of all Advances from time to time outstanding hereunder, from the respective dates of such Advances to and including the dates of their respective repayment, at a rate of interest per annum equal to: a) 5.09%, calculated and payable every month from September 1, 2012 to May 27, 2013; b) from May 28, 2013 to the date of repayment of amounts owing hereunder at a rate of interest per annum equal to the prime rate of interest quoted by the Bank of Montreal from time to time. The monthly interest payable shall be calculated using the average of the opening and closing balance of amounts owing for the month under this promissory note.
3. Interest at the aforesaid rate shall continue to be payable until the principal amount of each Advance has been repaid in full and in case default shall be made in payment of any sum to become due for interest at the time herein provided, compound interest shall be payable and the sum in arrears for interest from time to time, as well after as before maturity, shall bear interest at the rate provided for herein.
4. This promissory note shall secure a running account and notwithstanding that the principal balance of all Advances may be reduced to zero or may show a credit in favour of the Borrower from time to time this promissory note shall continue in full force and effect with respect to any Advances of the principal sum made thereafter.
5. Entries recorded by the Holder on the grid attached hereto shall be *prima facie* evidence of all amounts shown thereon, unless within thirty (30) days of receipt of a copy of such entries, the Borrower claims and establishes that an error has been made, and such entries shall then be admissible in any proceedings as full and conclusive evidence of such amounts and shall be binding on the Borrower to the same extent and effect as though the Borrower had executed a separate promissory note for each of such entries.
6. The Borrower shall repay the principal balance of all Advances then outstanding plus all accrued and unpaid interest due thereon in whole upon the earliest to occur of:
  - (a) demand by the Holder, which for greater certainty may be made in writing at any time;

- (b) (i) the sale or license of all, or substantially all of the assets of the Borrower; or  
(ii) any transaction the result of which will cause the Holder to hold less than 100% of the issued and outstanding shares of the Borrower;
- (c) the occurrence of an Event of Default (as defined herein); and
- (d) September 1, 2017.

Notwithstanding the provisions provided in Section 6, the Borrower shall be entitled to prepay all or any part or parts of the principal balance of all Advances plus all accrued and unpaid interest due thereon at any time or times and from time to time without notice or bonus.

7. Notwithstanding that the aforesaid principal balance of all Advances is stated to be due as stated above, the principal amount of all Advances at any time outstanding, together with all accrued but unpaid interest as hereinbefore provided for, shall be due and payable on the happening of any one of the following events, whichever first occurs (collectively, “**Event of Default**”):

- (a) the Borrower fails to pay any interest required to be paid hereunder within 5 business days after the date such interest becomes due and payable;
- (b) the Borrower shall generally not pay its debts as such debts become due, or shall admit in writing its inability to pay its debts generally or shall make a general assignment for the benefit of creditors or any proceeding shall be instituted by or against the Borrower seeking to adjudicate it bankrupt or insolvent, or seeking liquidation, winding-up, reorganization, dissolution, administration, arrangement, adjustment, protection, or leave for composition of it or its debt under any law relating to bankruptcy, insolvency or reorganization or relief of debtors, or seeking the entry of an order for relief or the appointment of receiver, administrator, administrative receiver, trustee or other similar official for it or for any substantial part of its revenues and assets and in the case of any proceedings instituted against the Borrower, such proceedings shall not be stayed or dismissed within 30 days from the date of institution thereof;
- (c) the Borrower shall take any corporate action to authorize any of the actions referred to in paragraph (b) above;
- (d) there shall be either: (i) enforcement proceedings commenced by any creditor on any judgment or order against the Borrower; or (ii) any period of 30 consecutive days during which a stay of enforcement of such judgment or order, by reason of pending appeal or otherwise, shall not be in effect; or
- (e) the Borrower shall be refused any consent or approval of a relevant authority which is necessary for the construction or operation of any of its proposed cable systems and in the reasonable opinion of the Holder such consent or approval will not be obtained on a timely basis.

In case of any such event, at any time after its occurrence, the Holder may by written notice to the Borrower declare the whole of the principal balance of all Advances made to the Borrower to be immediately due and payable (whereupon the same, together with accrued interest thereon and any other sums owed by the Borrower hereunder, shall become so payable).

8. Any amount paid hereunder shall be applied firstly in satisfaction of any accrued and unpaid interest and secondly in satisfaction of the principal sum due hereunder. In the event the holder obtains judgment on this promissory note, interest at the aforesaid rate shall be payable on the amount outstanding under the said judgment.

9. The Borrower hereby waives the benefit of division and discussion, demand and presentment for payment, notice of nonpayment, protest and notice of protest of this promissory note.

10. This promissory note shall be governed by the laws in force in the Province of Ontario and shall not be changed, modified, discharged or cancelled orally or in any manner other than by agreement in writing signed by the Holder or its, successors or permitted assigns.

11. This promissory note and the obligations hereunder shall be binding upon the undersigned and its successors and permitted assigns, and may not be assigned by the undersigned in whole or any part without the Holder's written consent.

**FESTIVAL HYDRO SERVICES INC.**

**FESTIVAL HYDRO SERVICES INC.**

Per: \_\_\_\_\_

  
\_\_\_\_\_  
**W.G. Zehr, President**



## Board Governance and Policies

May 2014

## **Board Governance and Policies**

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Topic: <b>Mission Vision &amp; Strategic Planning</b>	Page # 1

## 1. Mission, Vision and Strategic Planning

### a. Board Role

The board role is to Govern the Organization.

### b. Strategic Planning

The board is responsible for the organization having a current, relevant strategic plan.

The board will review the strategic plan annually and every three years complete a more comprehensive strategic plan review.

### c. Vision

A reliable, cost-effective, community owned distributor of clean electricity FHI is the distributor of reliable and safe electric power and related services for the communities we serve.

### d. Mission

FHI is the distributor of reliable and safe electric power and related services for the communities we serve

### e. Values

**Building on Safety....** By following the best practices and procedures, FHI strives to be above industry averages and to continuously improve our safety record for the workplace and electrical systems. We provide ongoing training and education to challenge ourselves to be better and to **ensure safety for all**.

**Fostering a Strong Corporate Culture...** Our employees are one of our strongest assets. Festival Hydro fosters an organizational culture that encourages employee growth and development and recognizes individual and team contributions. We operate with a strong commitment to maintain a healthy and safe working environment for employees and the community.

**Proactive and Accountable in All That We Do....**FHI is dedicated to providing the highest quality services that not only meet the needs, but exceed the requirements of internal and external customers. We are committed to continuous improvement and are open to suggestions and options. We create a learning environment leading to the most efficient and effective work processes. We anticipate needs and learn quickly when facing new challenges; we analyze our actions to improve the way we find solutions.

**Acting with Integrity...** Personal and corporate integrity is fundamental to our success. FHI will be direct, trustworthy and truthful and will present the unvarnished truth in an appropriate and helpful manner. We are accountable for our actions and as such, we will do what we say. We will keep confidences and build trust; we will admit mistakes and we will not misrepresent ourselves for personal gain.

Section: 1	* Issue Date: October 2004
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Topic: <b>Mission Vision &amp; Strategic Planning</b>	Page # 2

**Creating Positive Solutions...** At Festival Hydro, we create a climate in which people want to do their best. We empower others and invite input from each person. We share ownership and visibility for our success and convey that each individual's contribution is important. We foster two-way dialogue with others and find positive solutions for work and results; we bring out the best in people. As such, we build rapport and relate well with all kinds of people, inside and outside the organization. We develop constructive and effective relationships and use diplomacy and tact with others.

**Prudent Operations...** Festival Hydro conducts its business the operations prudently in order to provide profits for our Shareholder through strong financial performance, ensuring growth and sustainability for the future

The most current strategic plan review is located in appendix.

Section: 2	* Issue Date: September 2013
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Topic: <b>Governance Framework</b>	Page # 1

## 2. Governance Framework

### a. Legislative and Regulatory Framework

The City of Stratford passed by-law resolution 7-2001, Declaration of Sole Shareholder of Festival Hydro Inc. Board restrictions are identified accordingly.

The Province and its regulator, the OEB, establish a regulatory regime in which electricity distribution businesses must adhere to. The Board is ultimately responsible to ensure business activities are conducted in accordance with the regulatory rules applicable as posted under the Ontario Energy Board website.

Festival Hydro Inc. operates under Distributor Licence ED-2002-0513. A copy is included in the appendix.

Section: 2	* Issue Date: September 2013
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Topic: Governance Framework	Page # 2

**THIS IS SCHEDULE "A" TO BY-LAW 9-2014**  
of  
The Corporation of the City of Stratford  
passed this 13th day of January, 2014.

**DECLARATION OF SOLE SHAREHOLDER  
OF  
FESTIVAL HYDRO INC.**

Made pursuant to section 108(3) of the *Business Corporations Act* (Ontario)

The Corporation of the City of Stratford, being the owner of all of the issued and outstanding shares of Festival Hydro Inc., hereby amends and replaces the Declaration of Sole Shareholder dated October 23, 2000, as amended by the Declaration of Sole Shareholder of Festival Hydro Inc., dated January 22, 2001, and declares that the powers of the directors of the said corporation to manage or supervise the management of the business and affairs of the corporation shall be restricted in the following manner:

1. The basic compensation paid by the said corporation to the Chair of its Board of Directors shall be at the rate per annum as shown in Table 1 below and to each of its Directors shall be at the rate per annum as shown in Table 1 below, and such basic compensation not be altered without an amendment to this declaration.

Table 1: Festival Hydro Inc., Compensation

Position	2013	2014	2015
Chair	\$5,500	\$7,000	\$8,500
Vice Chair	\$3,750	\$4,500	\$5,250
Directors	\$3,400	\$3,800	\$4,200

2. In addition to the compensation provided for in Paragraph 1, in the event that there are meetings of the Board of Directors other than their regularly scheduled monthly meetings, each of the Chair and the members of the Board of Directors in attendance at such meetings shall receive additional compensation, \$60.00 for a meeting lasting three hours or less, and \$90.00 for a meeting lasting more than three hours.
3. Notwithstanding Paragraphs 1 and 2 of this Declaration, the remuneration rates herein do not apply to members of City Council serving on the Board of Directors.
4. The directors of the corporation shall not
  - (a) change the name of the corporation;
  - (b) add to, change, or remove any restrictions in the articles of incorporation;
  - (c) change the authorized share capital of the corporation or the attributes of the existing authorized shares;
  - (d) sell all or substantially all of the corporation's assets;
  - (e) amalgamate with another corporation;

- (f) windup or dissolve the company;
- (g) declare or pay dividends or make any other distribution of the assets of the corporation, without the prior written consent of all of the shareholders of the Corporation unless this declaration is amended to permit such action.

Dated this 13th day of January, 2014.

**The Corporation of the City of Stratford**

  
Mayor – Daniel B. Mathieson

  
Clerk – Joan Thomson

Section: 2	* Issue Date: September 2013
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Topic: <b>Governance Framework</b>	Page # 3

## **b. Roles & Responsibilities**

### **i. Board Leadership**

The board is responsible for creating and managing a governance structure, for holding itself accountable, and for ensuring effective board collaboration for the benefit of the organization and its owners.

The board commits itself to ethical, efficient, and lawful conduct. Board members will function in an ethical manner, contribute to the work of the board, support the decisions of the board, and respect the confidentiality of privileged information.

The board will speak with one voice. All board members will support all board decisions outside of board meetings.

Board members will make every effort to attend and participate in all meetings and be properly prepared for board deliberation.

Board members will treat each other with respect and professionalism. When differences of opinion exist, the commitment will be to challenge the issues but never attack or defame the person.

Board members may not exercise individual authority over the organization, management, staff, or clients except as explicitly directed by the board through a duly passed motion. Board members will not judge the performance of personnel outside of the official board process.

The board will annually monitor its own effectiveness and take actions to excel in its role.

The board will annually conduct an assessment of each board member's individual performance.

### **ii. Board Officers**

The board will maintain clear descriptions of the duties of each officer. Each officer will serve the board and follow the board's direction.

#### **1. Chair**

The Chair of the board will ensure that the board behaves consistently with its own rules and those legitimately imposed upon it from outside the organization.

The Chair of the board will preside at board meetings. He/she may appoint an alternate to serve in this capacity as needed.

The Chair of the board will prepare the draft agenda in consultation with Vice Chair and the CEO.

The authority of the Chair between board meetings is only to make reasonable interpretations of board policy on behalf of the board.

The Chair of the board will work within board policy when making any necessary decisions between board meetings, except where the board specifically delegates portions of its authority to the Chair.

The Chair will confer with the Vice-Chair to ensure that the Vice-Chair is familiar with and informed about the issues well enough to assist and replace the Chair if necessary.

The Chair of the board will be the public spokesperson for the board, unless someone else is appointed by the board. The Chair has no authority to supervise or direct the CEO.

The Chair should have served as a committee chair and board vice chair for a minimum of one year.

The Chair shall be an independent Director.

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## 1. Vice-Chair

The Vice-Chair of the board will perform the functions of the Chair in the Chair's absence.

The Vice-Chair should have served as a committee chair for a minimum of one year.

The Vice-Chair should be an independent Director.

## 2. Secretary (Corporate Secretary)

The Secretary will be appointed at the 1<sup>st</sup> meeting of the new term of Directors and Officers.

The Secretary should be a member of the Board. Consideration should be given that the CEO be deemed a non-voting member of the Board and hold the position of Secretary.

The primary role of the Secretary of the board is to ensure appropriate written documentation of the board's decisions and general meeting decisions.

The Secretary will ensure that the minutes are prepared and circulated following a board meeting.

The Secretary will ensure that the policy manual is updated following each board meeting.

The Secretary will ensure that all documentation of board business is up to date and in compliance with legal obligations.

### iii. Board Committees

Board committees are to help the board do its job, not to help staff do its jobs. Committees ordinarily will assist the board by preparing policy alternatives and implications for board deliberation.

Board committees may not speak or act for the board except when formally given such authority for specific and time-limited purposes.

Committee reports to the board will be in writing and made available so that they can be circulated for all board members to receive them in adequate advance prior to the board meeting at which related matters will be discussed.

Committee reports will summarize the information researched by the committee. When various options have been considered by the committee, the report will indicate the pros and cons of each option. The committee will make a recommendation to the board.

The Committee Chair should have served on the committee for a minimum of one year.

The Chair should be an independent Director.

The Board may establish committees of the Board at the Board's discretion. The following **are the standing** committees.

**Finance and Audit Committee - Terms of Reference as posted in appendix.**

**Risk Management and Human Resource Committee - Terms of Reference as posted in appendix.**

**Executive Committee - Terms of Reference as posted in appendix.**

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#### iv. Director Terms

A director is elected to serve for a single term and may be re-elected for a second term. A single one year extension is optional after the first or second term at the board and shareholders discretion. The term lengths are generally a three or four year term. Board size options with a staggered term structure are shown in Table 1 with eight board members and in Table 2 with seven members.

**At any time the Board of Directors can recommend the appointment of a Director for a term of one year, subject to Shareholder approval.**

Table 1

Year		Council	Independent	Independent	Independent	Independent
	# Directors	3	1	1	2	1
1		1 <sup>st</sup> Term			1 <sup>st</sup> Term	1 <sup>st</sup> Term
2			1 <sup>st</sup> Term			
3				1 <sup>st</sup> Term		
4					2 <sup>nd</sup> Term	2Term
5		2 <sup>nd</sup> Term				
6			2 <sup>nd</sup> Term			
7				2 <sup>nd</sup> Term		
8						
9						
10						

Table 2

Year		Council	Independent	Independent	Independent	Independent
	# Directors	3	1	1	2	1
1		1 <sup>st</sup> Term			1 <sup>st</sup> Term	1 <sup>st</sup> Term
2			1 <sup>st</sup> Term			
3				1 <sup>st</sup> Term		
4					2 <sup>nd</sup> Term	2 <sup>nd</sup> Term
5		2 <sup>nd</sup> Term				
6			2 <sup>nd</sup> Term			
7				2 <sup>nd</sup> Term		
8						
9						
10						

**Suggested Guidelines for Respective Roles & Responsibilities of the Shareholder, Directors and CEO as posted in appendix.**

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### **c. Ethics**

Board members will operate in an ethical and legal manner.

Board members will adhere to policies concerning fraud, dishonest conduct, discrimination, and sexual harassment as established by the organization.

All employees have the opportunity to exercise the Whistle Blower Policy and to report any activity or suspected activity of which he or she may have knowledge which appears to be prohibited by Festival Hydro's Code of Conduct.

### **d. Organizational Planning**

The board will ensure the organization has a current strategic plan at all times.

The board will engage in a full strategic planning process every 3 years.

The board will review the strategic plan and set annual strategic goals every year via the HR and Risk subcommittee.

The board will approve the annual budget in the year prior to the beginning of the fiscal year.

### **e. Organizational Results**

The board will assess the organization's results within the context of its business environment.

The board will regularly allow for whole board reflection on operational performance.

On an ongoing basis the board will compare organizational results against goals.

Every year the board will compare the organization's results to available bench-marking data for similar organizations.

The board will consider the reasons for the organization's recent results and identify lessons learned.

### **f. Business Context**

The board will reflect on the business environment and consider implications to the organization.

On an annual basis board should reflect on fiduciary, strategic, generative and operation activities.

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Manual: Board of Director Governance Manual	* Revision Date: September 2013
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## **CODE OF BUSINESS CONDUCT**

Festival Hydro values its reputation and the trust that exists between Festival Hydro, its employees, the public, our customers, and our business associates.

As Directors and/or employees of Festival Hydro, we are committed to apply and maintain high standards of integrity and ethics in our business practices. Conduct must be able to withstand public scrutiny at all times. This policy describes how Festival Hydro employees are expected to conduct themselves while working for the organization. This guide will help you to:

- understand the Code of Business Conduct Policy
- avoid situations where your personal interests conflict or may conflict with the interests of Festival Hydro.
- know what to do if you think you are in a potential conflict of interest.

### **Confidentiality –**

- Strategic, operational, customer specific or any other confidential information of Festival Hydro Inc. should never be given to an outside firm or individual without the expressed written direction of the Board of Directors or the President. Any improper transfer of material or disclosure of information with or without personal gain constitutes unacceptable conduct.
- Any confidential information pertaining to Festival Hydro Inc. that is used by employees for the operations and administration of Festival Hydro Services Inc. shall be kept confidential in the strictest manner.

### **Use of Festival Hydro Property –**

- Employees will not use, or allow someone to use facilities, equipment, supplies or other resources for activities that are not associated with Festival Hydro unless prior approval is received by senior management.
- Improper use, carelessness, destructive or unsafe handling of company assets is both costly and hazardous. It is the responsibility of each employee to protect the assets of Festival Hydro and to report appropriately any damage, defect or need for repair to prevent further deterioration and or injury to others.

### **Vendor Relationships-**

- We protect Festival Hydro's reputation by refusing to make purchasing decisions based on favoritism, prejudice, preferential treatment or personal gain. Decisions are made honestly and with integrity using such criteria such as competitive pricing, quality, delivery and service. We treat suppliers courteously, respectfully and in a professional manner.
- Employees will not accept any form of kickbacks, bribes or substantial gifts or special consideration as a result of any transaction or business dealing involving Festival Hydro, its' suppliers, contractors or customers. Employees may not accept any gift or give any gift or benefit if it influences or appears to influence them in the performance of their duties. The exception to this are gifts of minimal value such as coffee mugs, pens, t-shirts and reasonable business lunches (up to \$150.00).

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**Special Treatment –**

- Employees may not use their position to give anyone special treatment that would advance their interests or the interests of their family, friends or business associates.

**Outside Work or Business Activities-**

- Employees may not participate in any outside work or business activity that conflicts with Festival Hydro, or could be perceived as conflicting with Festival Hydro.

**Conflict of Interest**

- Employees that have financial interests in a Festival Hydro business transaction, or have family members, friends or business associates with such interest, may not represent or advise the company in such transactions.

This guide is for employee information and protection. Sometimes it can be difficult to recognize a conflict. Talk to your supervisor or the Chief Financial Officer as soon as possible if you:

- are not sure if a situation you face presents a conflict of interest.
- think you are in a conflict.
- are not sure if a specific part of the policy applies to you.

On an annual basis both Directors and employees will sign off on Code of Conduct.

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Topic: <b>Governance Framework</b>	Page # 9

## **WHISTLE BLOWER POLICY**

### **Application:**

This policy applies to Festival Hydro Inc. employees.

**Purpose:** Every director, officer or employee of the company has an ongoing responsibility to report any activity or suspected activity of which he or she may have knowledge which appears to be prohibited by Festival Hydro's Code of Conduct.

Festival Hydro recognises that a person wishing to make such a report may not feel comfortable doing so within the normal management framework of the company. This policy has therefore been established in order to provide a vehicle in accordance with Festival Hydro's Code of Conduct Policy, for any such person to report the circumstances outside the normal management framework with the assurance that such person shall be free from retaliation or discrimination for having disclosed or reported suspected or actual illegal or unethical conduct by another employee, officer or director of the corporation.

### **Policy Statement:**

Festival Hydro is committed to fostering a workplace conducive to open communication regarding the company's business practices. In an effort to further this commitment, this policy (i) establishes guidance for the receipt, retention and treatment of verbal or written reports received regarding accounting, internal controls, auditing matters, disclosure, fraud and unethical business practices; (ii) establishes guidance for providing company employees a means to make reports in a confidential and anonymous manner; and (iii) makes clear the company's intention to discipline, up to and including termination of employment, any person determined to have engaged in.

The creation and implementation of this policy in no way implies that there is an indication of suspected or real issues of unethical or illegal conduct by any employee, officer or director. This policy aligns with the highest standards of governance and further supports Festival Hydro's Code of Conduct and the Board of Directors Governance Guidelines and provides an open and transparent demonstration that such conduct is clearly unacceptable at all levels of the organization.

### **Procedure:**

This policy, and additional information regarding conflict resolution resources, shall be provided to all employees, officers and directors.

The Chair of the Board of Directors and the Chief Financial Officer are designated to be the recipients of all the reports filed under this policy and will designate, at his or her discretion, the appropriate individual(s) to communicate and facilitate the necessary company action.

### **Retention of Reports:**

Reports filed under this policy will be controlled and documented by the Chair of the Board or the Chief Financial Officer. All related documentation shall be maintained for six years in secured files and only the named parties shall have access to the files.

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**Treatment of Reports:**

All reports will be taken seriously and addressed promptly, discreetly and professionally. Employees are encouraged to identify themselves to the contact of their choice, but they ultimately have the right to remain anonymous. If a person desires to remain anonymous, that desire will be respected. Discussions and documentation regarding reports will be kept in strict confidence to the extent appropriate or permitted by policy or law. Should the person submitting the report identify himself or herself, the recipient of the report will communicate to the employee the steps to be taken to address the report and the results of any company actions initiated.

**Retaliation:**

Retaliation against any employee that files a report or voices a concern under this policy is strictly prohibited. Employees determined to have engaged in retaliatory behaviour or who fail to maintain an employee's requested anonymity may be subject to discipline, which could result in termination of employment. Any employee who feels that he or she has been subject to any behaviour that violates this policy should immediately report such behaviour to his or her supervisor, Chief Financial Officer or the Chair of the Board.

**Misleading or False Reports:**

Employees who knowingly file misleading or false reports, or reports without a reasonable belief as to truth or accuracy, will not be protected by this policy and may be subject to discipline, including termination of employment.

**Board Review of Reports:**

A summary of reports received under this policy will be communicated to the Board.

**Contact to Report:**

Employees may contact the Chair of the Board or the Chief Financial Officer.

Chair

Wally Malcolm 519-741-2600 (4538)

[malcolm@golden.net](mailto:malcolm@golden.net)

Chief Financial Officer

Debbie Reece 519-271-4700 268

[dreece@festivalhydro.com](mailto:dreece@festivalhydro.com)

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Topic: Meetings	Page # 1

### **3. Meetings**

#### **a. Board Meetings**

The board will normally meet on a monthly basis but no less than a quarterly basis and no less than 9 times per year.

The board will establish a schedule of regular meeting times at the first meeting after the annual meeting.

The Chair or a majority of board members may call for a special meeting to deal with urgent issues.

Board members will notify the Chair, or the staff person who makes arrangements for board meetings, if unable to attend a meeting.

#### **i. Board Meeting Process**

Meetings will follow a customized process for our board.

The preference is to build consensus leading to decision making. The Chair has the responsibility to manage the discussion and discern when the group is ready to make a decision. Decisions will be formalized by a vote on a motion duly moved and seconded.

The will of the majority must be carried out while hearing the minority and protecting their rights.

All board members are expected to participate in the meetings. Each board member is to be regarded as having rights and power equal to every other board member and is expected to voice an opinion.

Only one topic or motion will be considered at a time.

On meeting matters not specifically covered by bylaws or policies, Robert's Rules of Order will be followed.

##### **1. In Camera Meetings**

In Camera Meetings will be at the call of the Chair and will include staff as invited.

##### **2. Meetings without Management**

Meetings without management will be at the call of the Chair.

#### **ii. Board Meeting Agenda**

The board will set the agenda for its meetings. Every board member will receive a draft agenda in advance of each meeting.

The Chair and/or Vice Chair of the board will develop a draft agenda for every board meeting in advance.

Anyone wishing an item to be put on the agenda of a future meeting will notify the Chair of the board at least 10 days prior to the meeting.

The agenda will be circulated so all board members receive it at least 7 calendar days in advance of the meeting.

Approval of the agenda by the board will be one of the first items of business at every meeting.

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Topic: <b>Meetings</b>	Page # 2

The Chair has discretion to allow or disallow agenda additions on the date of the meeting. However, the board may insist that an item be added if that is the preference of a two-thirds majority of board members present.

Board members will be provided with adequate background information on every agenda item at least 7 days in advance of the meeting, subject to late submissions.

**b. Committee Meetings**

Committee Meetings will be as per the terms of reference or the call of the Chair.

Section: 4	* Issue Date: September 2001
Manual: Board of Director Governance Manual	* Revision Date: September 2013
Topic: <b>Board Membership</b>	Page # 1

## **4. Board Membership**

### **a. Board Member Recruitment**

The board will actively recruit capable candidates /individuals to run for positions on the board.

The board will have a selection process that identifies individuals with appropriate experience and skills and encourages them to be candidates for board positions.

### **b. Board Member Selection and Support**

The board is responsible to ensure that board members and officers have the appropriate knowledge and skills to fulfill their roles.

The board will maintain a clear description of the duties of board members and board officers.

The board will be composed of people who have the skills and commitment to do an excellent job of governing the organization.

The various groups that nominate members to the board will be provided with a description of the board member's job and expected time commitment.

### **c. Board Member Development**

The board is responsible for ensuring proper board member orientation and effective board performance and succession.

New board members will receive an orientation to ensure familiarity with the organization, its issues, and the process of governance. A board handbook including all governing policies will be provided.

Board members will participate in education sessions in areas that will enhance their effectiveness on the board.

The board will support each board member in leading the organization with excellence.

### **d. Board Member Removal**

Board members who are not fulfilling their mandate may be removed from the board.

### **e. Board Per Diem and Expenses**

Board members will receive per diems and expense reimbursement for their board-authorized, board-related work on behalf of the organization every three months.

Board members will receive a per diem as an expression of thanks for their service to the organization; it is not intended as payment for service nor to replace income which could be earned elsewhere. Per diems will be paid for their attendance at meetings and events as requested by the board and travel time related to these activities.

Board members will be reimbursed for any direct expenses related to their involvement with the board and their authorized work on its behalf.

Reimbursements will be subject to the same process, rates, and deadlines as annually determined for and by staff. All reimbursement requests will be accompanied by receipts except for travel with personal vehicles and standard rate meal claims.

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Topic: <b>Board Membership</b>	Page # 2

The per diem rate will be established by the City of Stratford via a By-law Resolution.. Stratford City Council in session on December 10, 2001 adopted the following recommendations of the Festival Hydro with respect to remuneration:

That Festival Hydro be authorized to provide remuneration its Chair of \$4,000.00 per annum effective November 1, 2001.

That Festival Hydro be authorized to provide remuneration to its Directors of \$3,000.00 per annum effective January 1, 2002.

The \$60/\$90 per diem for extra meetings will be submitted by Directors and will be paid on a quarterly basis, with the exception of conference expenses which should be submitted immediately for reimbursement.

Meetings 3 hrs or less \$60.00 – Meetings longer than 3 hours \$90.00

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Topic: Board/Management Role	Page # 1

## 5. Board/Management Role Relationship

### a. Signing Authority

The board delegates signing authority on behalf of the board to the CEO or its delegate as authorized.

### b. CEO Job Description

The board will ensure the CEO Job Description is kept current.

The board may change its strategic plan and board policies and, by so doing, change the latitude of choice given to the CEO.

### c. CEO Selection and Support

The board is responsible for the organization having a CEO who ably leads the operations of the organization.

#### i. Supporting the CEO

The board will determine the skills and characteristics that are needed in the organization's CEO and ensure a capable individual holds the position.

The board is responsible for monitoring CEO performance and redirecting the CEO as required.

The board will monitor CEO performance.

The board is responsible for making appropriate developmental opportunities available to the CEO.

#### ii. Selecting a CEO

When the CEO position is vacant, the board is responsible for doing due diligence to select a CEO who can satisfy the requirements of the job.

The board is responsible for orienting the CEO.

#### iii. Removing a CEO

The board is responsible for removing the CEO when it determines that there is no longer a fit between the incumbent and the organization's needs.

### d. Delegation to the CEO

All board authority delegated to staff is delegated through the CEO so that all authority and accountability of staff and operations is considered to be the authority and accountability of the CEO.

The CEO is responsible for, and accountable for, the complete operations of the organization.

The board delegates all staff authority through the CEO. This means the board will not direct, manage, hire, or fire any staff other than the CEO. The board will refrain from evaluating, either formally or informally, any staff other than the CEO.

The board will accept any reasonable interpretation by the CEO of the strategic plan and board policies.

If the board is not satisfied with the CEO's interpretation of policies, the board will more clearly articulate its expectations for future performance through policy revisions or additions.

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Topic: <b>Board/Management Role</b>	Page # 2

#### **e. Unity of Control**

Only officially-passed motions of the board are binding upon the CEO.

The board will instruct the CEO through written board policies.

Decisions or instructions of individual board members, officers, or committees are not binding on the CEO except in rare instances when the board has specifically authorized such exercise of authority.

The CEO is the board's only link to operational achievement and conduct so that all authority and accountability of staff is considered the authority and accountability of the CEO.

#### **f. Remuneration**

The CEO's remuneration, including salary and benefits, will be determined by the board.

#### **g. Board Supervision of the CEO**

The board, as a whole, is responsible to ensure effective performance of the CEO.

#### **h. CEO Performance**

The organization's accomplishment of the strategic plan, and compliance with board policies will be viewed as successful CEO performance.

#### **i. Monitoring the CEO**

Monitoring CEO performance is synonymous with monitoring the organization's performance against the strategic plan and board policies.

#### **j. Performance Review**

The Executive Committee of the Board will provide a formal, verbal, and written performance review of the CEO annually, during the last month of the fiscal year or in the first 2 months of the subsequent fiscal year. In the first year of hire, the CEO will also receive reviews at 3 months and 6 months from his/her start date.

The formal performance review period will coincide with the fiscal year.

The board's review of CEO performance will include a self-evaluation by the CEO, praise for jobs well done, articulation of concerns related to elements of the strategic plan not achieved and board policies not followed, discussion of how to address the areas of concern, and development of a mutually agreed-to professional development plan for the CEO for the coming year.

Evaluation of the CEO's performance will include assessments of the organization's performance completed independently by each board member, the CEO, each staff person who reports directly to the CEO, and possibly by a few other key individuals whom the board may select.

Section: 6	* Issue Date: September 2013
Manual: Board of Director Governance Manual	* Revision Date: May, 2014
Topic: <b>Enterprise Risk Management</b>	Page # 1

## 6. Enterprise Risk Management

### f. Enterprise Risk Management Process

The Audit & Finance and Human Resource & Risk Management Committee of the Board of Directors shall have a mandate to identify significant risks of Festival Hydro Inc. (FHI) and to verify that effective control systems are in place to manage and mitigate these risks. These committees will not fail to annually assess risks facing the organization and present options for board discussion to minimize unnecessary risks.

Section: 7	* Issue Date: September 2013
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Topic: Performance Measurement	Page # 1

## **7. Performance Management/Measurement**

### **a. Board Controls**

The board will not fail to protect the interests of the owners by assessing and managing risk, setting policies, and monitoring operations.

### **b. Operational Limits**

The CEO will not cause or allow any practice, activity, decision, or organizational circumstance that is either unlawful, imprudent, or in violation of commonly accepted business and professional ethics, nor allow any practices that violate the interests of the organization or its policies.

### **c. Prudent Management of Operations**

The CEO will not fail to manage operations in a prudent and effective manner.

The CEO will not fail to maintain a skilled, ethical, results-oriented workforce.

In this regard, the CEO will:

Not fail to develop and implement processes to ensure that staff have the skills necessary to fulfill their job requirements.

Not allow staff actions to occur which do not promote a positive image in the community.

Not allow staff to violate the standards of ethical conduct that are expected of employees.

### **d. Compensation & Benefits**

With respect to employment, compensation, and benefits, the CEO will ensure a reasonable compensation policy is in effect. The CEO will:

Not change his or her own compensation or benefits.

Not promise or guarantee permanent employment to people if it is not in the organization's best interests.

### **e. Treatment of Staff**

The CEO will not allow staff to be treated in any way which shows disregard for their quality of life or the quality of their work experience. The CEO will:

Not allow or cause staff working conditions or hiring practices which are unfair, undignified, inequitable, unsafe, or in contravention of legislated employment standards.

Not allow staff to be exposed to unsafe or unhealthy conditions.

Not allow staff to be denied a due-process.

Not allow staff to be discriminated against.

Not fail to ensure that all full time and management staff have an annual performance review.

Not allow the majority of staff to be unmotivated or inappropriately managed.

Not allow retaliation against anyone reporting fraudulent or dishonest conduct.

Not allow any staff members to hire relatives as per City of Stratford guidelines. As per appendix

Section: 7	* Issue Date: October 2006
Manual: Board of Director Governance Manual	* Revision Date: November 2013
Topic: <b>Performance Measurement</b>	Page # 2

#### **f. Financial Condition & Asset Protection**

The CEO will not allow the organization to be placed in a position of undue financial risk or assets to be unprotected, inadequately maintained, or unnecessarily risked. Board approval is required in the event that unexpected additions to the Capital Budget will exceed approved amounts.

The CEO will update the Board of material expenditures spent below or above budget.

The CEO will adhere to the following policies:

#### **i. Capital Investment Replacement Policy**

Festival Hydro will provide a safe, reliable, and cost-effective electrical system for our customers while retaining and enhancing shareholder value.

All physical assets depreciate over time; therefore, it is necessary to continually re-invest in the system to maintain value and integrity. The timing of capital investment should be such that safety, reliability, and economics are not compromised. That is, replacements of depreciated assets should occur before they become unsafe, unreliable, and uneconomical.

New technology will be utilized when appropriate, and the system will be enhanced and expanded to accommodate load growth. New capital investments must enhance shareholder and customer value by improving safety, reliability, customer service, and meeting projected load growth. Investments must be made prudently, using proven technology and based on sound business principles.

An Asset Management Plan is maintained and updated every year. Assets are inspected and tested on a cyclical basis and the annual results are used to adjust the forecasted amount of replacements necessary to maintain or improve safety and reliability over a five to ten year horizon. The Asset Management Plan drives the Five Year Plan which identifies major projects and anticipated spending levels for the next five years. As indicated in the Dividend Policy, capital expenditures will be at least equal to the rolling average depreciation during the period. Prepared by the Engineering Department, the Five Year Plan will take into account the physical condition of the assets (based on inspections and test results), historical reliability information, age of components, system loading and load growth projections (including planning information from local municipalities), and input from employees. From the Five Year Plan, an Annual Capital Budget will be prepared and presented to the Board of Directors for approval.

The annual budget for capital projects will be, at a minimum, equal to the amount of depreciation anticipated for the year. The budget for new infrastructure projects will reflect the projected load growth, using best available information. Investments in new technology will be presented to the Board with an outline of the expected improvements in safety, reliability, and customer service.

Management is expected to pre-screen and prioritize all projects before presenting the Annual Capital Budget to the Board. The screening process will use the following criteria: safety, reliability, capacity (load and voltage), forecasted growth, cost-effectiveness, and customer service. The Finance & Audit Subcommittee will review the updated asset management plan, and the resulting annual capital budget prior to Board approval of the overall budget for a fiscal year. In addition to this – the asset management plan is reviewed and approved by the OEB when a cost of service application is submitted (generally every five years).

Section: 7	* Issue Date: January 2003
Manual: Board of Director Governance Manual	* Revision Date:
Topic: <b>Performance Measurement</b>	Page # 3

ii. **Cash Management / Investment Policy**

The Investment Policy for Festival Hydro Inc. as presented in detail be approved as follows:

Funds held by Festival Hydro which are over and above current operating requirements can be used in the purchase of any of the following securities: Bonds, debentures and other evidence of indebtedness of or guaranteed by the Government of Canada or any Province in Canada. Deposit receipts, deposit notes, certificates of deposit and other similar instruments issued by any bank listed in Schedule I or II to the Bank Act (Canada). Other similar instruments to include Bankers Acceptances. Guaranteed investment certificates of any trust corporation registered under the Loan and Trust Corporations Act.

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Topic: <b>Performance Measurement</b>	Page # 4

## ii. Dividend Policy

Dividends will be paid by the Company based on its ability to meet the financial criteria established for dividend payout as outlined under Point # 4.

Assuming the financial criteria are met;

Common Share dividends will be paid quarterly based on 5% of the book value of the outstanding shares.

Non-Cumulative Preferred Share dividends will be paid quarterly based on the annual prescribed 5% dividend rate of the shares.

In the last quarter of each year, net income earned for the nine months will be reviewed to determine the final percentage (%) of net income to be paid out in the form of a special dividend.

The total dividend payout shall be targeted in the range of a minimum of 50% to a maximum of 70% of the annual net income available for dividend distribution. (Net income available for dividend distribution is defined as the net income amount after adjusting for the non-cash gain/loss journal entries for employee future benefit and the SWAP spot to market entry, less the difference between annual RBC TS loan principal payment and TS depreciation net of tax savings on interest deemed to actual differential)

The transfer payment cannot be considered a normal cost of utility operations recoverable through the electric rate base.

The final amount to be paid will be declared by the Board of Directors before year end. Payout will occur in the first quarter of the subsequent year.

The following financial criteria must be maintained to ensure prudence is exercised prior to the distribution of dividends:

Dividends paid cannot jeopardize the financial health of the utility. Profits from the utility's operation are needed to help pay for system capital improvements and provide a working capital reserve for unexpected items.

On an annual basis, within 60 days of year-end, an updated five-year financial projection analysis will be done. The analysis will include all expected sources and uses of funds for the current year as well as five-year future expansion. This will be used as a basis to determine the Company's ability to pay quarterly dividends.

Capital expenditures on average during the five-year projection period must be at least equal to the rolling average depreciation during the period. (This section is subject to change to reflect the content of a Festival Hydro Inc. Capital Expenditure Policy).

On preparation of the annual operating budget and five year forecast, Senior Management will attempt to forecast budgets to meet at a minimum, a working capital reserve level equal to three months of operating costs. Operating cost is defined as total operating costs less depreciation and interest expense.

Adequate funds must be provided for debt interest and any debt coverage requirements and any financial covenants that apply. Prior to quarterly payout, the ability to meet financial covenants, including banking institution covenants, will be verified. The needs of Festival Hydro and the Shareholder must be anticipated and adequately provided for in determining what level of dividend can be sustained from year to year without depleting necessary cash reserves or reducing service delivery capabilities.

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The needs of Festival Hydro and the Shareholder must be anticipated and adequately provided for in determining what level of dividend can be sustained from year to year without depleting necessary cash reserves or reducing service delivery capabilities.

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### iii. Financial Policies

#### Equity Position

Festival Hydro has established the following financial goals to ensure the on-going financial strength and viability of the Company:

#### Return on Equity (ROE)

Festival Hydro's objective is to earn a return on equity equal to or greater than the ROE allowed by the Ontario Energy Board (OEB) on its deemed equity.

#### Capital Structure

Festival Hydro's debt to equity will be structured according to the deemed debt to equity ratio prescribed by the OEB in order to maximize returns.

#### Interest Rate Paid on Municipal Debt

Festival Hydro will pay interest to the municipal shareholder at the 2002 OEB deemed interest rate prescribed by the OEB, subject to funds availability.

#### Liquidity Ratio

##### Liquidity Ratios required to meet Banking Covenants

The following liquidity ratios must be met to fulfill the obligations of the banking covenants:

A Ratio of Funded Debt to Total Capital of not greater than 0.65:1 and

Will not make principal or interest payments on shareholders loans owing by the Borrower to its shareholders, unless the Borrower is in compliance with all terms and conditions of this Agreement and of the Security at the time of any such payment and unless the making of any such payment will not cause the Borrower to breach of any of the terms and conditions of this Agreement and of this Security

FHI shall not use the proceeds of the \$10,000,000 revolving demand facility provided by RBC to FHI under the RBC Credit Agreement to pay any principal or interest owing to OILC under or in connection with the OILC Credit Agreement, and any such payment shall be deemed to be an Event of default under the RBC Credit Agreement.

The borrower shall seek the approval of OICP where the resulting Debt to Equity ratio of the borrower relating to any new debt issue exceeds 75:25 at any time, such ratio will otherwise be tested and calculated as of the end of the fiscal year as applicable

The borrower shall not undertake any new debt issuance where the resulting Debt Service Coverage Ratio of the Borrower falls below 1.30x at any time without first seeking the approval of OIPC, such ratio will otherwise be tested and calculated as of the end of each Fiscal Year as applicable

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#### Performance Ratios and Efficiency Measures

Each year the Company participates in the MEARIE Utility Performance Management survey. The report produced from the survey contains a number of performance ratios categorized under the headings of: customer ratios, financial ratios, efficiency ratios, system reliability ratios and resource management ratio. This report is used as reference tool by Senior management to compare our results to the other LDCs taking part in the survey. Selected ratios are shared with the Board members on an annual basis and are used in setting Senior Management annual goals and objectives.

In addition, the OEB published Comparator and Cohort data will be used by Senior Management to compare our results to other LDCs and to investigate situations where Festival Hydro is significantly different from similar sized LDCs.

#### Financial Reporting

Annual audited financial statements are prepared in accordance with Canadian generally accepted accounting principles (GAAP), and in accordance with accounting principles prescribed by the OEB in the Accounting Procedures Handbook (APH). Festival Hydro's significant accounting policies are published annually in Note 1 to the audited financial statements.

In addition to the annual financial statements, financial results in the form of a Balance sheet, Income statement and Statement of cash position are prepared quarterly along with a year-to-date commentary. The statements are reviewed by the Audit Committee in detail and forwarded to the Board for review and approval.

#### Annual Operating Budget Process

In November of each year, senior management prepares an Operating budget and Cash flow statement for the forthcoming year. The budget is based on previous year's results and incorporates anticipated changes for the forthcoming year (for example, growth projections, rate application changes, union contract changes, etc). In addition, a Five-year forecast of Income and Cash position is created based on expected growth trends and other anticipated changes over the five year period. The annual Operating budget & Cash flow statement, and the Five -year forecast are presented to the Audit Committee for detailed reviewed and forwarded to the Board for final review and approval.

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## **ii. Donation Policy**

Festival Hydro will not make any cash donation towards any organization – Charitable or Other with the following exceptions:

For donations to programs that provide assistance to the distributor's customers paying their electricity bills; Board approval is required.

For donations towards an organization in memory of the death of an employee's family member; Senior Management's approval is required.

For donations to support electrical education and safety programs. Senior Management's approval is required.

Festival Hydro will not make a cash donation towards any organization (except for a Stratford General Hospital annual donation of \$50,000, starting in 2011) – charitable or other but will allow the use of company equipment or facilities when an employee volunteers their own time; Senior Management's approval is required.

The Board can recommend to the Shareholder, a request for approval, a payment of a cash charitable donation as per the Declarations of the Shareholder.

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Manual: Board of Director Governance Manual	* Revision Date: July, 2014
Topic: <b>Performance Measurement</b>	Page # 9

#### **v. Purchasing Policy**

The purchasing of goods and services fall into one of four categories:

Tenders – are used for non-stock items or service contracts valued at \$50,000 or more . A Tender can only be issued by the CEO, President, or CFO. Tender packages will typically be sent directly to at least six (6) vendors known to specialize in the item or service, however, a Request for Tender may be advertised if there are an insufficient number of known vendors. A period of at least two (2) weeks is required for the vendors to review the tender package and respond. Receipt of tenders must be in sealed envelopes clearly marked as to the contents. Tenders will be opened at the time of closing by the CEO, President, CFO, or designate. Unless otherwise specified by the Board of Directors, bidders are not permitted to attend the tender opening. The tenders will be evaluated by one or more suitable employees, and a recommendation prepared for approval by the Board of Directors. For specialized goods or services, it is permitted to have the tenders evaluated by an external third party such as an engineering consultant. Following award of the tender by the Board of Directors, the successful bidder will be immediately notified by the appropriate manager, and a purchase order initiated via a material requisition. The remaining bidders will be notified in writing of the name of the successful bidder and the award price – if appropriate.

Quotations – are used for purchases above \$2500 that do not fit the tender category. Quotations may be issued by any Manager. The Request for Quotation package will typically be sent to at least three (3) vendors known to specialize in the item or service; however, there are some items and services with fewer than three (3) vendors. A period of two (2) weeks for evaluation and response is recommended for items that are usually made to order, or for service contracts such as line construction. Shorter periods are acceptable for “off the shelf” items or routine services. Quotations are normally accepted in hardcopy, fax, or email format but their contents must be kept confidential until the closing date. Sealed quotations are recommended for purchases above \$25,000. The quotations will be reviewed by the appropriate employee(s) after the closing date, and a recommendation made to the appropriate manager.

Signing authority for purchases above \$2500

CEO Up to \$50,000 Non-stock or service

President Greater than \$10,000 Stock

President Less than \$30,000 Non-stock or service

CFO Up to \$10,000 Non-stock or service

Managers Up to \$2500 Stock, non-stock or service

Once approval has been obtained, the successful bidder will be immediately notified by the appropriate manager, and a purchase order initiated via a material requisition. The remaining bidders will be notified in writing of the name of the successful bidder and the award price – if appropriate. For routine purchases of items or services such as office supplies, computer support, low value stock items, safety equipment, cleaning supplies, lawn restoration, vacuum excavation, vehicle supplies and vehicle servicing, it is acceptable to request pricing once, then use the same low bidder(s) for a fixed period of time, generally not exceeding two (2) years.

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For routine purchases of higher value stock items, formal supplier alliances may be formed with the approval of the CEO/President if within purchasing authority.

Standard Purchases – are purchases between \$125 and \$2500, and are accomplished by issuing a purchase order via a material requisition with approval by manager.

Local Purchase Orders – are used for purchases under \$125. These may be issued by any employee but require the approval of a Manager.

Recurring Invoices – are monthly fees typically for services that have been awarded via a quotation or a tender. These invoices are to be approved for payment by the appropriate Manager.

Signing Authority may be delegated if necessary to avoid delays in the purchasing process. This delegation should be documented in a memo or email to the affected parties.

Employees will have the authority to bind the Corporation to contracts within their signing authority.

1 Exceptions to the Tender category are payments relating to Income Tax, Employment Insurance, OHIP, OMERS, Employment Benefits, GST, IMO (monthly invoices), OEFC (debt retirement), Hydro One (Transmission Charges), Energy Retailers, City of Stratford.

2 Exceptions to the Quotation category include charges such as utility bills, postage, training, accommodations, company meals, customer requests for contractor of choice, contractor on site as part of a related contract or quotation, transformer repairs, scrap transformers, and situations of dire emergency (i.e. storm trouble) when time is of essence.

Not allow unnecessary exposure of the organization, its board, or staff to claims of liability.

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**g. Communication of Organizational Performance and Counsel to the Board**

With respect to providing information and counsel to the board, the CEO will not permit the board to be uninformed about matters essential to carrying out its policy duties. The CEO will:

Not fail to keep the board up to date on organizational performance.

Not fail to provide the board with all requested reports by the deadline assigned.

Not withhold from the board any information relevant to the organization or internal or external changes that could materially influence the performance of the organization.

Not fail to inform all communication from any lawyer acting on behalf of the organization where someone is or may be taking action against the organization.

Not withhold any operational matter from the board that is being hindered by current board policy.

Not present information in an unnecessarily complex or lengthy format.

**h. Communication to Staff**

The CEO will not allow staff to be uninformed about information important to the carrying out of their duties. The CEO will:

Not fail to make staff aware of board policies.

**i. Temporary Executive Responsibilities**

The CEO will ensure pertinent staff are informed about the organization's issues to protect the organization with respect to the loss or unavailability of the CEO. The CEO will:

Not be absent from the workplace without recommending an acting CEO replacement and providing the replacement with all information necessary to carry out his or her duties.

Not have fewer than two other executives familiar with board and CEO issues and processes in order to protect the organization from sudden loss of service by the CEO.

Not fail to provide a report at least annually identifying who she/he would recommend as the Interim CEO, if one became necessary, and explaining the leadership development activities being undertaken to build operational leadership strength within the organization.

**j. Fraudulent Behaviour**

The CEO will not fail to maintain, communicate to the board and staff, and follow procedures for reporting fraudulent or dishonest conduct.

**k. Internal Controls**

The CEO will not fail to develop and maintain effective information and communication systems that assist the organization in effectively carrying out and evaluating progress on its strategic plan and adherence to policies.

**l. Treatment of Customers**

With respect to interactions with customers, the CEO will not cause or allow conditions, procedures, or decisions which are unsafe, undignified, unnecessarily intrusive, or which fail to provide appropriate confidentiality or privacy.

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Topic: <b>Communication &amp; Shareholder Relations</b>	Page # 1

## **8. Communications & Shareholders Relations**

### **a. Interests of the Owners**

The board is responsible to make decisions in the best interests of the ownership as a whole. The accountability to the owners supersedes any conflicting loyalty.

### **b. Communication with the Owners**

The board is the link between the organization's operations and the owners.

Communication directed to the Board by individual members or sub-committees of council be directed through City Council or Finance & and Labour Relations Committee to the Chair of the Board in writing, and that a member of the Board (usually the Chair) or other members of the Board as appropriate attend all Festival Hydro Finance & Labour Relations Committee meetings together with the President or his designate.

The board will regularly inform the owners of progress towards goals and critical challenges that are facing the organization.

### **c. Organizational Image**

The board is responsible to contribute to the positive image of the organization in the eyes of the owners and the general public.

Section: 9	* Issue Date: September 2013
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**Strategic Priorities and Indicators of Success** - Strategic Direction from February 2013 meeting:

Remain a Stand Alone LDC – continue to manage risks / threats / changes to achieve strategic goals of safety, ROE, dividend policy, capital expenditure policy, etc.

**Decision Criteria**

1. Customer Service - decision must be seen as adding long term value to customer
2. Staff – without the right people in the right jobs we can't achieve any goals
3. Capital Expenditure policy – Cannot impact our ability to maintain infrastructure and allow for growth
4. Shareholder/community support – must continue to serve the needs of the shareholder beyond return on investment
5. Future growth opportunities– in revenue, skills, resources
6. Culture – We want to maintain a positive, engaged workforce
7. ROE – both now and in the future; keep pace or even get ahead of where we are now.
8. Dividend policy – must be comparable to existing.
9. Geography – closer is better for many aspects although some like administration can be done from a distance.

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**c. Finance & Audit Subcommittee (Terms of Reference)**

The Finance & Audit Subcommittee is delegated as responsible for all financial and auditing aspects of the Corporation. Specifically it has within its mandate the consideration of the following matters:

- Review annual operating and capital budgets and make recommendations for approval to Board.
- Review bi-monthly operating results (revenues, expenditures, cash flow, etc.) comparing with operating budget and prior year actual's.
- Review capital expenditures and compare with capital budget.
- Review financial data related to business acquisitions/arrangements and make appropriate recommendations to Board.
- Review policies and procedures such as Travel, Purchasing Tenders, etc. as required relating to financial matters.
- Review audited financial statements for board approval. Prepare and /or review audit policies and procedures.
- Review tenders and/or contracts for board approval.
- Review leases.
- Review significant non-budgeted capital and operating expenditures for recommendation to the board.
- Review and act upon other financial matters as required.
- Suggest criteria's for financial ratio's, such as Debt to Equity, Current Ratio, Cash Position.

The Subcommittee meets upon the direction of its Chair, depending on the need for such meetings and reports to the Board of Directors.

As a standing agenda matter, the Subcommittee receives a report from Senior Management on any of the above-noted areas which require discussion at each meeting.

Section: 9	* Issue Date: March 2004
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**c. Human Resources & Risk Management Subcommittee Terms of Reference**

*The Human Resources is delegated as responsible for all Senior Management, Union Contract and Stakeholder communication. Specifically, it has within its mandate the consideration of the following matters:*

- Periodic evaluation of CEO and reporting of findings and the CEO to conduct periodic evaluation of President and CFO and reporting of findings
- Beginning of the hiring process and arranging of interviews of potential candidates for Senior Management.
- Comparison and setting of Remuneration for Senior Management.
- Setting of guidelines for Union Negotiations and other non-union staff.
- Communication with customers regarding policy's and procedures with customers.
- To appoint and develop the senior management team, and to offer recommendations in regard to Union negotiations and communications with customers.
- Personnel policy review as required

And **Risk Management** is responsible for matters related to all aspects of the Corporation's operations and facilities. Specifically, it has within its mandate the consideration of the following matters:

- Environmental compliance and management, including development and implementation of policies and procedures.
- Health and safety compliance and management, including development and implementation of policies and procedures.
- Insurance and related liability issues for the Corporation, its employees, officers and directors.
- Corporate conduct, including issues related to conflict of interest, business conduct, confidentiality and related issues.
- Regulatory compliance in regard to other areas of risk, including the Ontario Energy Board, human rights legislation, etc.
- Risk issues in relation to properties and operation of activities.
- Legal actions, orders or other actual or potential liabilities to the Corporation.
- Incidents, emergencies or other events which may generate risk.
- Other matters involving risk to the Corporation as required.

The Subcommittee meets upon the direction of its Chair, depending on the need for such meetings and reports to the Board of Directors.

As a standing agenda matter, the subcommittee receives a report from Senior Management on any of the above-noted areas which require discussion at each meeting.

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**Executive Committee** – is responsible for:

- Board renewal with recommendation to the Shareholder.
- Board evaluation on an annual basis.
- Company and Board Policy direction.
- Shareholder relations.

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f. Suggested Guidelines for Shareholder, Board and Management Roles and Responsibilities

<b>Leadership &amp; Stewardship</b>	<ul style="list-style-type: none"> <li>➤ Elect directors</li> <li>➤ Appoint auditors</li> </ul>	<ul style="list-style-type: none"> <li>➤ Central role in strategic leadership and stewardship.</li> <li>➤ Select, recruit, oversee, evaluate and compensate senior management.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Develop and implement corporate objectives, priorities and strategies.</li> <li>➤ Select and recruit senior management team.</li> </ul>
<b>Empowerment &amp; Accountability</b>	<ul style="list-style-type: none"> <li>➤ Empower board.</li> <li>➤ Accountable to electorate.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Delegate sufficient authority to President (and committees)</li> <li>➤ Be accountable to shareholder.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Empower all human resources.</li> <li>➤ Be accountable to board.</li> </ul>
<b>Communication &amp; Transparency</b>	<ul style="list-style-type: none"> <li>➤ Communicate expectations to board and president.</li> <li>➤ Receive and review corporate and auditors reports.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Have central role in ensuring comprehensive corporate communications plan.</li> <li>➤ Speak with one voice.</li> <li>➤ Evaluate and share information needs of board.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Creatively use diverse communication methods to disseminate accurate information in a timely manner.</li> <li>➤ Receive direction and counsel from board.</li> </ul>
<b>Service &amp; Fairness</b>	<ul style="list-style-type: none"> <li>➤ As investors, support efficient and transparent capital markets.</li> <li>➤ Make social and ethical investments to promote corporate social responsibility.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Balance diverse expectations of shareholder and other stakeholders.</li> <li>➤ Champion integrated social responsibility as part of overall mission of company.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Ensure and establish strong relationships with key suppliers and customers.</li> <li>➤ Foster culture of service excellence, with internal and external service standards.</li> </ul>
<b>Accomplishment &amp; Measurement</b>	<ul style="list-style-type: none"> <li>➤ Allocate resources – especially capital.</li> <li>➤ Approve fundamental changes affecting corporation.</li> <li>➤ Use corporate performance results.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Oversee corporate performance.</li> <li>➤ Approve specified decisions of management.</li> <li>➤ Use performance measures and verify their integrity.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Allocate resources (including capital) among competing strategies and projects.</li> <li>➤ Approve majority of decisions affecting corporation.</li> <li>➤ Develop performance indicators.</li> </ul>
<b>Learning &amp; Growth</b>	<ul style="list-style-type: none"> <li>➤ Reward learning culture with investment.</li> <li>➤ Contribute to sustainable growth strategy.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Foster climate of continuous learning and growth.</li> <li>➤ Be committed to director renewal and development.</li> <li>➤ Lead strategic vision for sustainable growth.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Develop lifelong learning culture and promote personal development.</li> <li>➤ Contribute to and implement sustainable growth strategy.</li> </ul>

Source: The Conference Board of Canada

Section: 9	* Issue Date: November 2008
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#### **g. Joint Health Safety & Risk Management Policy**

Festival Hydro Inc. believes that minimizing and managing environmental risk, and protecting the health and safety of its employees and the communities in which it operates, is integral to all business plans and the overall success of the company.

Accordingly, the Company is committed to a diligent and sustained effort to meet and/or exceed the objectives outlined in its Environmental, Health & Safety and Risk Management Policy. Compliance with applicable legislation is understood to be the minimum requirement, and Festival Hydro Inc. will pursue the adoption of industry best practices regarding health & safety, risk management, and environmental stewardship.

Specifically, the Company will:

Mandate the completion of any project will not jeopardize the health and safety of ANY employee.

Implement environmental, health, safety, emergency response policies, hazard identification, risk management programs and practices, with the goal of preventing accidents and incidents, and achieving ZERO lost time injuries.

Continually review, evaluate, and audit our policies and practices to constantly improve our performance and pursue industry best practices;

Design, operate, decommission and evaluate its facilities to minimize risk to health, safety and the environment;

Train and equip employees with the understanding, skills and facilities to achieve an accident free and healthy workplace and to fulfill their environmental obligations;

Require its employees and contractors to follow practices consistent with health, safety and environmental procedures; and comply with applicable legislation, regulations, rules and guidelines;

Encourage conservation and pollution prevention measures, and provide information and training for the safe handling, use, transport, and disposal of materials and waste;

Communicate openly and on a timely basis with employees, the public, governments, and other stakeholders on activities involving the environment and health & safety;

Encourage employees to report hazards and “near-miss” incidents, and respond by taking appropriate action;

Conduct environmental, health, safety and emergency response audits, and implement action plans called for by these audits;

Report on an annual basis our performance regarding the environment, health & safety and emergency preparedness.

Festival Hydro Inc. takes responsibility for the implementation of this policy through the commitments and actions of each employee.

Each employee is obligated, as part of an internal responsibility system to immediately act on any reported, identified or detected health, safety, environmental or risk situation and diligently report the details to management by accurately completing an “Incident Report”.

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## **h. Workplace Harassment**

### **1. Policy on Sexual Harassment**

Every employee of Festival Hydro Inc. has a basic right to a workplace free from sexual harassment by the employer, management personnel, or by other employees. The Board of Directors recognizes its moral and legal responsibility to provide a workplace, which demonstrates mutual respect for one another as employees and as individuals, and is thereby free from harassment.

The above policy is not meant to inhibit relationships based on mutual consent or normal social contact between employees.

### **2. Definitions and Explanations**

Sexual Harassment is any sexual oriented practice that endangers an individual's continued employment, negatively affects his or her work performance, or undermines the individual's personal dignity.

There are two main types of Sexual Harassment, both of which are prohibited by the Ontario Human Rights code:

- i. **Quid Pro Quo Harassment** occurs when an employee is subjected to or threatened with prejudicial treatment or reprisal by a person in power as a consequence of having rejected a sexually motivated advance.
- ii. **Poisoned Work Environment or Atmosphere** occurs when a harasser engages in a course of vexatious comment or conduct of a sexual nature that is actually known, or ought reasonably to have been known, to be unwelcome.

The Poisoned Work Environment type of harassment usually involves a pattern or a course of conduct such as one or more of the following: Touching or patting, sexually suggestive remarks, innuendo or jokes, leering or staring in some situations, sexually suggestive gestures, the display of pictures of graffiti, persistent sexual advances from a co-worker, lewd or suggestive remarks, comments about a person's sexual attractiveness or unattractiveness, frequent inquiries about the nature or extend of a person's sex life, verbal threats or abuse with sexual overtones, and sexual assaults.

Not considered to be harassment is conducts which is simply in bad taste, jokes that do not offend, normal discussion and social contact, and social involvement that is mutually voluntary between employer and employee.

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### 3. Responsibilities

- I. **Managers** have the following responsibilities:
  - establishing and maintaining a work environment free from sexual harassment for each employee, and for eliminating sexual harassment if it occurs in the unit;
  - treating complaints seriously and with the utmost confidentiality;
  - investigating sexual harassment complaints in the department and documenting complaints and investigations carefully;
  - taking appropriate action when the supervisor has knowledge of sexual harassment in any part of the company;
  - providing support for the complaining employee;
  - explaining to the complaining employee the investigation process to be followed.
  -
- II. **Employees** have the following responsibilities:
  - Reporting concerns about being subjected to harassment to their immediate supervisor or other appropriate person;
  - Reporting witnessed sexual harassment to their immediate supervisor or other appropriate person.

### 4. Procedures

Persons who believe they have been sexually harassed have several options to follow:

- I) Confront the harasser personally or in writing informing that person that the behaviour is unwelcome and must stop. A witness, or informing someone else that the situation has been dealt with and the manner with which it has been dealt.
- II) Consider informing others in the department; sometimes peer pressure can be a deterrent.
- III) Report the problem to their immediate supervisor, or alternatively to one of the following: the next level of management, or a union representative, if appropriate.
- IV) In the extreme, any employee has access to the Human Rights Commission, which will receive and investigate complaints of Sexual Harassment.

There will be a thorough, prompt, fair and unbiased investigation by management of all complaints of sexual harassment. Usually the person making the complaint, witnesses who are willing to testify, if any, and the alleged harasser will be interviewed separately. Both the person making the complaint and the alleged harasser will be informed of their rights to have counsel present. The person accused of harassment will be informed in detail of the allegations, which have been made. Investigations by management and the information gathered are considered to be confidential and will only be released in accordance with law or with the written consent of the employee making the complaint.

Investigations, which validate a complaint of sexual harassment, will result in appropriate discipline of the employee(s) found responsible. Discipline will reflect the seriousness of the conduct, the frequency of behaviour after the harasser had known, or reasonably ought to have known, that the conduct was unwelcome, and the victim's reaction to the offending behaviour. Discipline may take one or more of the following forms: verbal reprimand, referral to counselling, suspension, demotion, and dismissal.

The employee making the complaint will be informed of the outcome of the investigation and any action taken.

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## **Workplace Harassment Policy**

Festival Hydro Inc. and International Brotherhood of Electrical Workers Local 636, recognize that Festival Hydro Inc. has had a Sexual Harassment Policy for a number of years, however, we would like to re-emphasize that harassment of any kind is not acceptable in the workforce.

Therefore in addition to our original policy the Board and International Brotherhood of Electrical Workers Local 636 have signed the attached to show our mutual commitment in deterring this type of behaviour at the workplace.

“The Human Rights Code, administered by the Ontario Human Rights Commission, applies to all persons in the province. Every person has a right to equal treatment with respect to employment, without discrimination because of race, ancestry, place of origin, disability, colour, ethnic origin, citizenship, creed, sex (which includes discrimination because a woman is or may become pregnant), record of offenses, marital status includes an injury where benefits were claimed or received under the Workers’ Compensation Act). On the same grounds, every employee has a right to freedom from harassment in the workplace.

Harassment is defined as engaging in a course of vexatious comment or conduct that is known or ought reasonably to be known to be unwelcome.

Freedom from sexual harassment of an employee in the workplace refers to such harassment by his or her employer or by another employee and to sexual solicitation or advance made by a person in a position to grant or deny a benefit or advancement, where such attention is unwelcome and the person making the advances known or should know that it is unwelcome.

Every employee has a right to be free from a reprisal or a threat of a reprisal for rejecting a sexual solicitation or advance where the reprisal is made or threatened by a person in a position to grant or deny a benefit or advancement.

Every employee has a right to enforce his or her rights or to refuse to infringe the rights of another person by filing a complaint with the Human Rights Commission”.

**The Corporation of the  
City of Stratford  
Policy Manual**

**P.2 Human Resources**

Dept: Human Resources

Committee: Finance and Labour Relations

**P.2.5 Hiring of Relatives**

Adopted: May 9, 1994

Amended:

Reaffirmed: April 13, 2004

Related Documents:

☒ Council Policy ☐ Administrative Policy

Purpose:

The purpose of this policy is to provide rules with respect to hiring and promotion which are intended to avoid conflicts of interest or have the potential for creating an adverse effect on supervision, safety, security or morale.

Statement:

The immediate relatives of supervisory administrative personnel shall not be employed where such employment would be within the same department.

In the event that through

- a) marriage between staff members, or
- b) a staff member's promotion to supervisory of director level,

a conflict with this policy is created, then a review by the Clerk-Administrator and Director of Personnel will take place to find a solution that is consistent with the purpose of this policy and relevant to the provisions of the Ontario Human Rights Code as well as being acceptable to the parties concerned.

Definitions:

For purposes of this policy the following definitions apply:

Immediate Relative: Parent, spouse, children, sister, brother, sister-in-law, brother-in-law, father-in-law, mother-in-law, son-in-law, daughter-in-law.

Administrative Personnel: Employees who are in a managerial or supervisory position.

Spouse: Spouse shall mean the person to whom an employee is married or with whom the employee is living in a conjugal relationship outside marriage.

Notes:

- 1) This policy will not be retroactive. Any conflict which existed prior to City Council's approval of this policy are exempt.
- 2) This policy does not apply to any portion of the City where the hiring decision is made by a separate board ie: Police Services, Library, Archives etc.

File Number: EB 2014 0073  
 Exhibit: 2  
 Tab: 1  
 Schedule: 1  
 Attachment: 1  
 Date: 25-Apr-14

**Appendix 2-BA  
 Fixed Asset Continuity Schedule - CGAAP/ASPE/USGAAP**

Year **2010**

CCA Class	OEB	Description	Cost				Accumulated Depreciator				Net Book Value
			Opening Balance	Additions	Disposals	Closing Balance	Opening Balance	Additions	Disposals	Closing Balance	
12	1611	Computer Software (Formally known as Account 1925)	\$ 470,604	\$ 46,600		\$ 517,204	-\$ 435,172	-\$ 17,466		-\$ 452,638	\$ 64,566
N/A	1805	Land	\$ 339,324	\$ 878,494		\$ 1,217,819				\$ -	\$ 1,217,819
47	1808	Buildings	\$ 1,696,506			\$ 1,696,506	-\$ 989,234	-\$ 33,451		-\$ 1,022,685	\$ 673,821
47	1815	Transformer Station Equipment >50 kV		\$ 957		\$ 957				\$ -	\$ 957
47	1820	Distribution Station Equipment <50 kV	\$ 1,745,896			\$ 1,745,896	-\$ 1,325,666	-\$ 40,423		-\$ 1,366,089	\$ 379,807
47	1830	Poles, Towers & Fixtures	\$ 9,929,292	\$ 789,230		\$ 10,718,522	-\$ 4,371,395	-\$ 379,101		-\$ 4,750,496	\$ 5,968,025
47	1835	Overhead Conductors & Devices	\$ 11,942,797	\$ 536,944		\$ 12,479,740	-\$ 4,924,102	-\$ 463,588		-\$ 5,387,690	\$ 7,092,051
47	1840	Underground Conduit	\$ 6,480,899	\$ 296,435		\$ 6,777,334	-\$ 3,633,073	-\$ 247,740		-\$ 3,880,813	\$ 2,896,521
47	1845	Underground Conductors & Devices	\$ 15,555,542	\$ 365,085		\$ 15,920,627	-\$ 9,679,965	-\$ 586,061		-\$ 10,266,026	\$ 5,654,601
47	1850	Line Transformers	\$ 14,376,424	\$ 405,677		\$ 14,782,101	-\$ 8,017,197	-\$ 510,873		-\$ 8,528,070	\$ 6,254,031
47	1855	Services (Overhead & Underground)	\$ 4,736,628	\$ 140,814		\$ 4,877,442	-\$ 2,494,610	-\$ 179,024		-\$ 2,673,634	\$ 2,203,809
47	1860	Meters	\$ 3,523,584	\$ 216,031		\$ 3,739,615	-\$ 2,239,734	-\$ 118,934		-\$ 2,358,668	\$ 1,380,948
47	1890	Major Spare parts	\$ 471,231	\$ 41,549		\$ 512,780				\$ -	\$ 512,780
N/A	1905	Land	\$ 17,041			\$ 17,041	-\$ 17,041			-\$ 17,041	\$ -
47	1908	Buildings & Fixtures	\$ 446,096			\$ 446,096	-\$ 51,450	-\$ 14,870		-\$ 66,320	\$ 379,776
13	1910	Leasehold Improvements	\$ 21,798			\$ 21,798	-\$ 21,798			-\$ 21,798	\$ -
8	1915	Office Furniture & Equipment (10 years)	\$ 359,052	\$ 7,387		\$ 366,439	-\$ 325,710	-\$ 6,956		-\$ 332,666	\$ 33,773
10	1920	Computer Equipment - Hardware	\$ 540,191			\$ 540,191	-\$ 540,191	-\$ 0		-\$ 540,191	\$ -
45	1920	Computer Equip.-Hardware(Post Mar. 22/04)	\$ 75,674			\$ 75,674	-\$ 70,223	-\$ 5,451		-\$ 75,674	\$ -
45.1	1920	Computer Equip.-Hardware(Post Mar. 19/07)	\$ 333,635	\$ 6,311		\$ 339,945	-\$ 227,445	-\$ 37,183		-\$ 264,628	\$ 75,317
10	1930	Transportation Equipment	\$ 2,666,584	\$ 283,734	-\$ 57,351	\$ 2,892,967	-\$ 1,642,018	-\$ 214,010	\$ 57,351	-\$ 1,798,676	\$ 1,094,291
8	1935	Stores Equipment	\$ 36,199			\$ 36,199	-\$ 36,199			-\$ 36,199	\$ -
8	1940	Tools, Shop & Garage Equipment	\$ 741,452	\$ 15,134		\$ 756,586	-\$ 577,819	-\$ 27,611		-\$ 605,430	\$ 151,156
8	1945	Measurement & Testing Equipment	\$ 39,170			\$ 39,170	-\$ 14,505	-\$ 5,101		-\$ 19,606	\$ 19,564
8	1955	Communications Equipment	\$ 106,528			\$ 106,528	-\$ 98,317	-\$ 5,144		-\$ 103,461	\$ 3,067
8	1960	Miscellaneous Equipment	\$ 7,842			\$ 7,842	-\$ 1,568	-\$ 785		-\$ 2,353	\$ 5,490
47	1970	Load Management Controls Customer Premises	\$ 245,119			\$ 245,119	-\$ 103,136	-\$ 24,512		-\$ 127,648	\$ 117,471
47	1980	System Supervisor Equipment	\$ 285,662	\$ 30,420		\$ 316,082	-\$ 157,395	-\$ 30,087		-\$ 187,482	\$ 128,600
47	1995	Contributions & Grants	-\$ 3,824,532	-\$ 474,049		-\$ 4,298,581	\$ 779,896	\$ 162,462		\$ 942,358	-\$ 3,356,223
	2075	Non-utility property owned under capital lease		\$ 44,951		\$ 44,951				\$ -	\$ 44,951
		Sub-Total	\$ 73,366,238	\$ 3,631,703	-\$ 57,351	\$ 76,940,590	-\$ 41,215,068	-\$ 2,785,908	\$ 57,351	-\$ 43,943,624	\$ 32,996,966
		Less Socialized Renewable Energy Generation Investments (input as negative)				\$ -				\$ -	\$ -
		Less Other Non Rate-Regulated Utility Assets (input as negative)		-\$ 924,403		-\$ 924,403				\$ -	-\$ 924,403
		Total PP&E	\$ 73,366,238	\$ 2,707,301	-\$ 57,351	\$ 76,016,187	-\$ 41,215,068	-\$ 2,785,908	\$ 57,351	-\$ 43,943,624	\$ 32,072,563

10	Transportation
8	Stores Equipment

Less: Fully Allocated Depreciation  
 Transportation **-\$ 225,118**  
 Stores Equipment  
**Net Depreciation** **-\$ 2,560,790**

**Notes:**

- Tables in the format outlined above covering all fixed asset accounts should be submitted for the Test Year, Bridge Year and all relevant historical years. At a minimum, the applicant must provide data for the earlier of: 1) all historical years back to its last rebasing; or 2) at least three years of historical actuals, in addition to Bridge Year and Test Year forecasts.
- The "CCA Class" for fixed assets should agree with the CCA Class used for tax purposes in Tax Returns. Fixed Assets sub-components may be used where the underlying asset components are classified under multiple CCA Classes for tax purposes. If an applicant uses any different classes from those shown in the table, an explanation should be provided. (also see note 3 below).
- The table may need to be customized for a utility's asset categories or for any new asset accounts announced or authorized by the Board.
- The additions column (F) must not include construction work in progress (CWIP)

**Appendix 2-BA  
 Fixed Asset Continuity Schedule - CGAAP/ASPE/USGAAP**

Year **2011**

CCA Class	OEB	Description	Cost				Accumulated Depreciator				Net Book Value
			Opening Balance	Additions	Disposals	Closing Balance	Opening Balance	Additions	Disposals	Closing Balance	
12	1611	Computer Software (Formally known as Account 1925)	\$ 517,204	\$ 36,588		\$ 553,792	-\$ 452,638	-\$ 23,565		-\$ 476,203	\$ 77,589
N/A	1805	Land	\$ 1,217,819	\$ 30,602	-\$ 8,787	\$ 1,239,634	\$ -			\$ -	\$ 1,239,634
47	1808	Buildings	\$ 1,696,506		-\$ 17,303	\$ 1,679,203	-\$ 1,022,685	-\$ 32,759	\$ 11,072	-\$ 1,044,372	\$ 634,831
47	1815	Transformer Station Equipment >50 kV	\$ 957	\$ 282,128		\$ 283,085	\$ -			\$ -	\$ 283,085
47	1820	Distribution Station Equipment <50 kV	\$ 1,745,896			\$ 1,745,896	-\$ 1,366,089	-\$ 40,423		-\$ 1,406,512	\$ 339,384
47	1830	Poles, Towers & Fixtures	\$ 10,718,522	\$ 769,072		\$ 11,487,594	-\$ 4,750,496	-\$ 391,955		-\$ 5,142,451	\$ 6,345,142
47	1835	Overhead Conductors & Devices	\$ 12,479,740	\$ 798,967		\$ 13,278,707	-\$ 5,387,690	-\$ 495,828		-\$ 5,883,518	\$ 7,395,190
47	1840	Underground Conduit	\$ 6,777,334	\$ 102,318		\$ 6,879,652	-\$ 3,880,813	-\$ 229,668		-\$ 4,110,481	\$ 2,769,171
47	1845	Underground Conductors & Devices	\$ 15,920,627	\$ 554,903		\$ 16,475,530	-\$ 10,266,026	-\$ 532,082		-\$ 10,798,107	\$ 5,677,423
47	1850	Line Transformers	\$ 14,782,101	\$ 325,759		\$ 15,107,860	-\$ 8,528,070	-\$ 513,921		-\$ 9,041,991	\$ 6,065,869
47	1855	Services (Overhead & Underground)	\$ 4,877,442	\$ 134,981		\$ 5,012,423	-\$ 2,673,634	-\$ 172,332		-\$ 2,845,966	\$ 2,166,457
47	1860	Meters	\$ 3,739,615	\$ 146,826		\$ 3,886,441	-\$ 2,358,668	-\$ 123,089		-\$ 2,481,757	\$ 1,404,685
47	1890	Major Spare parts	\$ 512,780		-\$ 90,433	\$ 422,346	\$ -			\$ -	\$ 422,346
N/A	1905	Land	\$ 17,041			\$ 17,041	-\$ 17,041			-\$ 17,041	\$ -
47	1908	Buildings & Fixtures	\$ 446,096	\$ 45,631		\$ 491,727	-\$ 66,320	-\$ 15,857		-\$ 82,177	\$ 409,550
13	1910	Leasehold Improvements	\$ 21,798			\$ 21,798	-\$ 21,798			-\$ 21,798	\$ -
8	1915	Office Furniture & Equipment (10 years)	\$ 366,439	\$ 12,585		\$ 379,024	-\$ 332,666	-\$ 5,118		-\$ 337,783	\$ 41,240
10	1920	Computer Equipment - Hardware	\$ 540,191			\$ 540,191	-\$ 540,191			-\$ 540,191	\$ -
45	1920	Computer Equip.-Hardware(Post Mar. 22/04)	\$ 75,674			\$ 75,674	-\$ 75,674			-\$ 75,674	\$ -
45.1	1920	Computer Equip.-Hardware(Post Mar. 19/07)	\$ 339,945	\$ 18,384		\$ 358,330	-\$ 264,628	-\$ 39,654		-\$ 304,282	\$ 54,047
10	1930	Transportation Equipment	\$ 2,892,967	\$ 79,873	-\$ 138,844	\$ 2,833,995	-\$ 1,798,676	-\$ 256,135	\$ 138,844	-\$ 1,915,967	\$ 918,029

8	1935	Stores Equipment	\$	36,199			\$	36,199	-\$	36,199			-\$	36,199	\$	-				
8	1940	Tools, Shop & Garage Equipment	\$	756,586	\$	26,344		\$	782,930	-\$	605,430	-\$	29,466	-\$	634,896	\$	148,034			
8	1945	Measurement & Testing Equipment	\$	39,170				\$	39,170	-\$	19,606	-\$	3,465	-\$	23,072	\$	16,098			
8	1955	Communications Equipment	\$	106,528				\$	106,528	-\$	103,461	-\$	2,036	-\$	105,498	\$	1,030			
8	1960	Miscellaneous Equipment	\$	7,842				\$	7,842	-\$	2,353	-\$	784	-\$	3,137	\$	4,705			
47	1970	Load Management Controls Customer Premises	\$	245,119				\$	245,119	-\$	127,648	-\$	24,512	-\$	152,160	\$	92,959			
47	1980	System Supervisor Equipment	\$	316,082	\$	6,582		\$	322,664	-\$	187,482	-\$	31,937	-\$	219,419	\$	103,245			
47	1995	Contributions & Grants	-\$	4,298,581	-\$	106,480		-\$	4,405,061	\$	942,358	\$	174,073	\$	1,116,431	\$	3,288,630			
	2075	Non-utility property owned under capital lease	\$	44,951	\$	249,738		\$	294,688	\$	-	-\$	7,367	-\$	7,367	\$	287,321			
			\$	-			\$	-	\$	-			\$	-	\$	-				
		Sub-Total	\$	76,940,590	\$	3,514,804	-\$	255,368	\$	80,200,026	-\$	43,943,624	-\$	2,797,881	\$	149,916	-\$	46,591,589	\$	33,608,437
		Less Socialized Renewable Energy Generation Investments (input as negative)						\$	-					\$	-	\$	-			
		Less Other Non-Rate-Regulated Utility Assets (input as negative)	-\$	924,403	-\$	562,468		-\$	1,486,870			\$	7,367		\$	7,367	-\$	1,479,503		
		Total PP&E	\$	76,016,187	\$	2,952,336	-\$	255,368	\$	78,713,155	-\$	43,943,624	-\$	2,790,514	\$	149,916	-\$	46,584,221	\$	32,128,934

Less: Fully Allocated Depreciation  
Transportation -\$ 291,887  
Stores Equipment  
**Net Depreciation** **-\$ 2,498,627**

10	Transportation
8	Stores Equipment

## Appendix 2-BA Fixed Asset Continuity Schedule - CGAAP/ASPE/USGAAP

Year 2012

			Cost				Accumulated Depreciator					
CCA Class	OEB	Description	Opening Balance	Additions	Disposals	Closing Balance	Opening Balance	Additions	Disposals	Closing Balance	Net Book Value	
12	1611	Computer Software (Formally known as Account 1925)	\$ 553,792	\$ 169,877		\$ 723,669	-\$ 476,203	-\$ 89,358		-\$ 565,560	\$ 158,109	
N/A	1805	Land	\$ 1,239,634	\$ 189		\$ 1,239,823	-\$ -			-\$ -	\$ 1,239,823	
47	1808	Buildings	\$ 1,679,203			\$ 1,679,203	-\$ 1,044,372	-\$ 31,792		-\$ 1,076,164	\$ 603,039	
47	1815	Transformer Station Equipment >50 kV	\$ 283,085	-\$ 283,085	\$ -	\$ -	-\$ -			-\$ -	\$ -	
47	1820	Distribution Station Equipment <50 kV	\$ 1,745,896			\$ 1,745,896	-\$ 1,406,512	-\$ 40,423		-\$ 1,446,935	\$ 298,960	
47	1830	Poles, Towers & Fixtures	\$ 11,487,594	\$ 864,643		\$ 12,352,237	-\$ 5,142,451	-\$ 401,325		-\$ 5,543,777	\$ 6,808,460	
47	1835	Overhead Conductors & Devices	\$ 13,278,707	\$ 676,435		\$ 13,955,142	-\$ 5,883,518	-\$ 533,754		-\$ 6,417,271	\$ 7,537,871	
47	1840	Underground Conduit	\$ 6,879,652	\$ 58,596		\$ 6,938,248	-\$ 4,110,481	-\$ 224,665		-\$ 4,335,147	\$ 2,603,102	
47	1845	Underground Conductors & Devices	\$ 16,475,530	\$ 572,023		\$ 17,047,553	-\$ 10,798,107	-\$ 532,637		-\$ 11,330,744	\$ 5,716,809	
47	1850	Line Transformers	\$ 15,107,860	\$ 236,383		\$ 15,344,243	-\$ 9,041,991	-\$ 445,471		-\$ 9,487,462	\$ 5,856,781	
47	1855	Services (Overhead & Underground)	\$ 5,012,423	\$ 201,417		\$ 5,213,840	-\$ 2,845,966	-\$ 174,147		-\$ 3,020,113	\$ 2,193,728	
47	1860	Meters	\$ 3,886,441	\$ 3,634,589		\$ 7,521,030	-\$ 2,481,757	-\$ 695,011		-\$ 3,176,768	\$ 4,344,263	
47	1890	Major Spare parts	\$ 422,346	\$ 66,863		\$ 489,209	-\$ -			-\$ -	\$ 489,209	
N/A	1905	Land	\$ 17,041			\$ 17,041	-\$ 17,041			-\$ 17,041	\$ -	
47	1908	Buildings & Fixtures	\$ 491,727	\$ 40,464		\$ 532,191	-\$ 82,177	-\$ 18,437		-\$ 100,614	\$ 431,577	
13	1910	Leasehold Improvements	\$ 21,798			\$ 21,798	-\$ 21,798			-\$ 21,798	\$ -	
8	1915	Office Furniture & Equipment (10 years)	\$ 379,024	\$ 2,545		\$ 381,569	-\$ 337,783	-\$ 5,516		-\$ 343,300	\$ 38,269	
10	1920	Computer Equipment - Hardware	\$ 540,191			\$ 540,191	-\$ 540,191			-\$ 540,191	\$ -	
45	1920	Computer Equip.-Hardware(Post Mar. 22/04)	\$ 75,674			\$ 75,674	-\$ 75,674			-\$ 75,674	\$ -	
45.1	1920	Computer Equip.-Hardware(Post Mar. 19/07)	\$ 358,330	\$ 125,752		\$ 484,082	-\$ 304,282	-\$ 56,546		-\$ 360,829	\$ 123,253	
10	1930	Transportation Equipment	\$ 2,833,995	\$ 349,576	-\$ 127,201	\$ 3,056,370	-\$ 1,915,967	-\$ 283,963	\$ 127,201	-\$ 2,072,729	\$ 983,641	
8	1935	Stores Equipment	\$ 36,199			\$ 36,199	-\$ 36,199			-\$ 36,199	\$ -	
8	1940	Tools, Shop & Garage Equipment	\$ 782,930	\$ 22,851		\$ 805,781	-\$ 634,896	-\$ 29,605		-\$ 664,501	\$ 141,280	
8	1945	Measurement & Testing Equipment	\$ 39,170			\$ 39,170	-\$ 23,072	-\$ 3,220		-\$ 26,291	\$ 12,879	
8	1955	Communications Equipment	\$ 106,528			\$ 106,528	-\$ 105,498	-\$ 369		-\$ 105,866	\$ 662	
8	1960	Miscellaneous Equipment	\$ 7,842			\$ 7,842	-\$ 3,137	-\$ 784		-\$ 3,921	\$ 3,921	
47	1970	Load Management Controls Customer Premises	\$ 245,119			\$ 245,119	-\$ 152,160	-\$ 24,512		-\$ 176,672	\$ 68,447	
47	1980	System Supervisor Equipment	\$ 322,664	\$ 30,839		\$ 353,504	-\$ 219,419	-\$ 33,808		-\$ 253,228	\$ 100,276	
47	1995	Contributions & Grants	-\$ 4,405,061	-\$ 342,654		-\$ 4,747,715	\$ 1,116,431	\$ 183,056		\$ 1,299,487	-\$ 3,448,228	
14	1609	Intangible assets	\$ -	\$ 535,630		\$ 535,630	-\$ -			-\$ -	\$ 535,630	
43.2	2075	Non-utility property owned under capital lease	\$ 294,688			\$ 294,688	-\$ 7,367	-\$ 14,734		-\$ 22,102	\$ 272,587	
47	2055	Construction - work in progress	\$ -	\$ 8,113,559		\$ 8,113,559	-\$ -			-\$ -	\$ 8,113,559	
		Sub-Total	\$ 80,200,026	\$ 15,076,494	-\$ 127,201	\$ 95,149,318	-\$ 46,591,589	-\$ 3,457,023	\$ 127,201	-\$ 49,921,411	\$ 45,227,907	
		Less Socialized Renewable Energy Generation Investments (input as negative)				\$ -				\$ -	\$ -	
		Less Other Non Rate-Regulated Utility Assets (input as negative)	-\$ 1,486,870	-\$ 8,366,293		-\$ 9,853,163	\$ 7,367	\$ 14,734		\$ 22,102	-\$ 9,831,062	
		Total PP&E	\$ 78,713,155	\$ 6,710,201	-\$ 127,201	\$ 85,296,155	-\$ 46,584,221	-\$ 3,442,289	\$ 127,201	-\$ 49,899,309	\$ 35,396,846	

Less: Fully Allocated Depreciation  
Transportation -\$ 317,941  
Stores Equipment  
**Net Depreciation** **-\$ 3,124,348**

10	Transportation
8	Stores Equipment

## Appendix 2-BA Fixed Asset Continuity Schedule - CGAAP/ASPE/USGAAP

\*Old CGAAP\* Year 2013 without changing policies

			Cost				Accumulated Depreciator					
CCA Class	OEB	Description	Opening Balance	Additions	Disposals	Closing Balance	Opening Balance	Additions	Disposals	Closing Balance	Net Book Value	
12	1611	Computer Software (Formally known as Account 1925)	\$ 723,669	\$ 92,110	\$ -	\$ 815,779	-\$ 565,560	-\$ 63,112	\$ -	-\$ 628,672	\$ 187,107	
N/A	1805	Land	\$ 1,239,823	\$ 12,379	-\$ 913,473	\$ 338,729	-\$ -	-\$ -	-\$ -	-\$ -	\$ 338,729	
47	1808	Buildings	\$ 1,679,203	\$ -	-\$ -	\$ 1,679,203	-\$ 1,076,164	-\$ 31,555	-\$ -	-\$ 1,107,719	\$ 571,484	
47	1820	Distribution Station Equipment <50 kV	\$ 1,745,896	\$ -	-\$ -	\$ 1,745,896	-\$ 1,446,935	-\$ 40,423	-\$ -	-\$ 1,487,358	\$ 258,537	
47	1830	Poles, Towers & Fixtures	\$ 12,352,237	\$ 835,016	\$ -	\$ 13,187,253	-\$ 5,543,777	\$ 602,030	-\$ -	-\$ 6,145,807	\$ 7,041,446	
47	1835	Overhead Conductors & Devices	\$ 13,955,142	\$ 558,701	\$ -	\$ 14,513,843	-\$ 6,417,271	-\$ 383,998	-\$ -	-\$ 6,801,269	\$ 7,712,574	
47	1840	Underground Conduit	\$ 6,938,248	\$ 239,797	\$ -	\$ 7,178,045	-\$ 4,335,147	-\$ 286,476	-\$ -	-\$ 4,621,623	\$ 2,556,423	
47	1845	Underground Conductors & Devices	\$ 17,047,553	\$ 1,053,596	\$ -	\$ 18,101,149	-\$ 11,330,744	\$ 530,546	-\$ -	-\$ 11,861,290	\$ 6,239,859	
47	1850	Line Transformers	\$ 15,344,243	\$ 316,498	\$ -	\$ 15,660,741	-\$ 9,487,462	\$ 435,314	-\$ -	-\$ 9,922,776	\$ 5,737,965	
47	1855	Services (Overhead & Underground)	\$ 5,213,840	\$ 114,282	\$ -	\$ 5,328,122	-\$ 3,020,113	-\$ 155,438	-\$ -	-\$ 3,175,551	\$ 2,152,572	
47	1860	Meters	\$ 7,521,030	\$ 92,109	\$ -	\$ 7,613,139	-\$ 3,176,768	\$ 335,607	-\$ -	-\$ 3,512,375	\$ 4,100,765	
47	1890	Major Spare parts	\$ 489,209	\$ -	-\$ 20,263	\$ 468,946	-\$ -	-\$ -	-\$ -	-\$ -	\$ 468,946	
N/A	1905	Land	\$ 17,041	\$ -	-\$ 17,041	\$ -	-\$ 17,041	-\$ -	-\$ -	-\$ 17,041	\$ -	
47	1908	Buildings & Fixtures	\$ 532,191	\$ 45,959	\$ -	\$ 578,150	-\$ 100,614	-\$ 21,292	-\$ -	-\$ 121,906	\$ 456,244	

13	1910	Leasehold Improvements	\$ 21,798	\$ -	\$ -	\$ 21,798	-\$ 21,798	\$ -	\$ -	-\$ 21,798	\$ -
8	1915	Office Furniture & Equipment (10 years)	\$ 381,569	\$ 3,684	\$ -	\$ 385,253	-\$ 343,300	-\$ 5,828	\$ -	-\$ 349,128	\$ 36,125
10	1920	Computer Equipment - Hardware	\$ 540,191	\$ -	\$ -	\$ 540,191	-\$ 540,191	\$ -	\$ -	-\$ 540,191	\$ -
45	1920	Computer Equip.-Hardware(Post Mar. 22/04)	\$ 75,674	\$ -	\$ -	\$ 75,674	-\$ 75,674	\$ -	\$ -	-\$ 75,674	\$ -
45.1	1920	Computer Equip.-Hardware(Post Mar. 19/07)	\$ 484,082	\$ 210,756	\$ -	\$ 694,838	-\$ 360,829	-\$ 64,314	\$ -	-\$ 425,143	\$ 269,695
10	1930	Transportation Equipment	\$ 3,056,370	\$ 32,154	\$ 30,930	\$ 3,057,594	-\$ 2,072,729	-\$ 245,533	\$ 30,930	-\$ 2,287,332	\$ 770,262
8	1935	Stores Equipment	\$ 36,199	\$ -	\$ -	\$ 36,199	-\$ 36,199	\$ -	\$ -	-\$ 36,199	\$ -
8	1940	Tools, Shop & Garage Equipment	\$ 805,781	\$ 20,797	\$ -	\$ 826,578	-\$ 664,501	-\$ 29,740	\$ -	-\$ 694,241	\$ 132,337
8	1945	Measurement & Testing Equipment	\$ 39,170	\$ -	\$ -	\$ 39,170	-\$ 26,291	-\$ 3,220	\$ -	-\$ 29,511	\$ 9,659
8	1955	Communications Equipment	\$ 106,528	\$ -	\$ -	\$ 106,528	-\$ 105,866	-\$ 295	\$ -	-\$ 106,161	\$ 367
8	1960	Miscellaneous Equipment	\$ 7,842	\$ -	\$ -	\$ 7,842	-\$ 3,921	-\$ 784	\$ -	-\$ 4,705	\$ 3,137
47	1970	Load Management Controls Customer Premises	\$ 245,119	\$ -	\$ -	\$ 245,119	-\$ 176,672	-\$ 24,512	\$ -	-\$ 201,184	\$ 43,935
47	1980	System Supervisor Equipment	\$ 353,504	\$ 23,847	\$ -	\$ 377,351	-\$ 253,228	-\$ 17,476	\$ -	-\$ 270,704	\$ 106,647
47	1995	Contributions & Grants	-\$ 4,747,715	-\$ 148,758	\$ -	-\$ 4,896,473	\$ 1,299,487	\$ 192,884	\$ -	\$ 1,492,371	-\$ 3,404,102
14	1609	Intangible assets	\$ 535,630	\$ 1,610,864	\$ 436,468	\$ 1,710,026	\$ -	-\$ 18,278	\$ -	-\$ 18,278	\$ 1,691,748
43.2	2075	Non-utility property owned under capital lease	\$ 294,688	\$ -	\$ -	\$ 294,688	-\$ 22,102	-\$ 14,734	\$ -	-\$ 36,836	\$ 257,853
47	2055	Construction - work in progress	\$ 8,113,559	\$ 5,850,974	\$ 13,964,533	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		<b>Sub-Total</b>	<b>\$ 95,149,318</b>	<b>\$ 10,964,765</b>	<b>\$ 15,365,667</b>	<b>\$ 90,748,416</b>	<b>-\$ 49,921,411</b>	<b>-\$ 3,117,621</b>	<b>\$ 30,930</b>	<b>-\$ 53,008,102</b>	<b>\$ 37,740,314</b>
		<b>Less Socialized Renewable Energy Generation Investments (input as negative)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
		<b>Less Other Non Rate-Regulated Utility Assets (input as negative)</b>	<b>-\$ 9,853,163</b>	<b>-\$ 5,756,000</b>	<b>\$ 15,314,474</b>	<b>-\$ 294,689</b>	<b>\$ 22,102</b>	<b>\$ 14,734</b>	<b>\$ -</b>	<b>\$ 36,836</b>	<b>-\$ 257,853</b>
		<b>Total PP&amp;E</b>	<b>\$ 85,296,155</b>	<b>\$ 5,208,765</b>	<b>\$ 51,193</b>	<b>\$ 90,453,727</b>	<b>-\$ 49,899,309</b>	<b>-\$ 3,102,887</b>	<b>\$ 30,930</b>	<b>-\$ 52,971,266</b>	<b>\$ 37,482,461</b>

10	Transportation
8	Stores Equipment

Less: Fully Allocated Depreciation  
Transportation  
Stores Equipment  
**Net Depreciation** -\$ 3,102,887

**Appendix 2-BA**  
**Fixed Asset Continuity Schedule - CGAAP/ASPE/USGAAP**  
Year 2013-new capitalization/depreciation policies

CCA Class	OEB	Description	Cost				Accumulated Depreciator					Net Book Value
			Opening Balance	Additions	Disposals	Closing Balance	Opening Balance	Additions	Disposals	Closing Balance		
12	1611	Computer Software (Formally known as Account 1925)	\$ 723,669	\$ 92,110	\$ -	\$ 815,779	-\$ 565,560	-\$ 63,112	\$ -	-\$ 628,672	\$ 187,107	
N/A	1805	Land	\$ 1,239,823	\$ 12,379	\$ 913,474	\$ 338,729	\$ -	\$ -	\$ -	\$ -	\$ 338,728	
47	1808	Buildings	\$ 1,672,115	\$ -	\$ -	\$ 1,672,115	-\$ 1,074,568	-\$ 27,359	\$ -	-\$ 1,101,927	\$ 570,188	
47	1820	Distribution Station Equipment <50 kV	\$ 1,745,896	\$ -	\$ -	\$ 1,745,896	-\$ 1,446,935	-\$ 44,163	\$ -	-\$ 1,491,098	\$ 254,797	
47	1830	Poles, Towers & Fixtures	\$ 16,325,290	\$ 764,979	\$ -	\$ 17,090,269	-\$ 7,519,076	-\$ 232,475	\$ -	-\$ 7,751,551	\$ 9,338,718	
47	1835	Overhead Conductors & Devices	\$ 10,097,497	\$ 508,752	\$ -	\$ 10,606,249	-\$ 4,474,844	-\$ 102,702	\$ -	-\$ 4,577,546	\$ 6,028,703	
47	1840	Underground Conduit	\$ 8,997,403	\$ 234,213	\$ -	\$ 9,231,616	-\$ 5,440,978	-\$ 88,365	\$ -	-\$ 5,529,343	\$ 3,702,273	
47	1845	Underground Conductors & Devices	\$ 16,723,463	\$ 949,195	\$ -	\$ 17,672,658	-\$ 11,263,780	-\$ 488,604	\$ -	-\$ 11,752,384	\$ 5,920,274	
47	1850	Line Transformers	\$ 14,130,137	\$ 306,739	\$ -	\$ 14,436,876	-\$ 8,764,245	-\$ 192,731	\$ -	-\$ 8,956,976	\$ 5,479,900	
47	1855	Services	\$ 4,577,474	\$ 103,580	\$ -	\$ 4,681,054	-\$ 2,671,587	-\$ 63,749	\$ -	-\$ 2,735,336	\$ 1,945,718	
47	1860	Meters	\$ 7,521,031	\$ 91,274	\$ -	\$ 7,612,305	-\$ 3,176,768	-\$ 569,662	\$ -	-\$ 3,746,430	\$ 3,865,875	
	1890	Major Spare parts	\$ 489,209	\$ -	\$ 20,263	\$ 468,946	\$ -	\$ -	\$ -	\$ -	\$ 468,946	
	1905	Land	\$ 17,041	\$ -	\$ -	\$ 17,041	-\$ 17,041	\$ -	\$ -	-\$ 17,041	\$ -	
47	1908	Buildings & Fixtures	\$ 539,278	\$ 45,708	\$ -	\$ 584,986	-\$ 102,209	-\$ 68,053	\$ -	-\$ 170,262	\$ 414,724	
13	1910	Leasehold Improvements	\$ 21,798	\$ -	\$ -	\$ 21,798	-\$ 21,798	\$ -	\$ -	-\$ 21,798	\$ -	
8	1915	Office Furniture & Equipment (10 years)	\$ 381,569	\$ 3,684	\$ -	\$ 385,253	-\$ 343,300	-\$ 7,866	\$ -	-\$ 351,166	\$ 34,087	
10	1920	Computer Equipment - Hardware	\$ 540,191	\$ -	\$ -	\$ 540,191	-\$ 540,191	\$ -	\$ -	-\$ 540,191	\$ -	
45	1920	Computer Equip.-Hardware(Post Mar. 22/04)	\$ 75,674	\$ -	\$ -	\$ 75,674	-\$ 75,674	\$ -	\$ -	-\$ 75,674	\$ -	
45.1	1920	Computer Equip.-Hardware(Post Mar. 19/07)	\$ 484,082	\$ 210,756	\$ -	\$ 694,838	-\$ 360,829	-\$ 64,302	\$ -	-\$ 425,131	\$ 269,707	
10	1930	Transportation Equipment	\$ 3,056,370	\$ 32,154	\$ 30,930	\$ 3,057,594	-\$ 2,072,729	-\$ 112,230	\$ 30,930	-\$ 2,154,029	\$ 903,565	
8	1935	Stores Equipment	\$ 36,199	\$ -	\$ -	\$ 36,199	-\$ 36,199	\$ -	\$ -	-\$ 36,199	\$ -	
8	1940	Tools, Shop & Garage Equipment	\$ 805,781	\$ 20,797	\$ -	\$ 826,578	-\$ 664,501	-\$ 29,740	\$ -	-\$ 694,241	\$ 132,337	
8	1945	Measurement & Testing Equipment	\$ 39,170	\$ -	\$ -	\$ 39,170	-\$ 26,291	-\$ 3,220	\$ -	-\$ 29,511	\$ 9,659	
8	1955	Communications Equipment	\$ 106,528	\$ -	\$ -	\$ 106,528	-\$ 105,866	-\$ 295	\$ -	-\$ 106,161	\$ 367	
8	1960	Miscellaneous Equipment	\$ 7,842	\$ -	\$ -	\$ 7,842	-\$ 3,921	-\$ 784	\$ -	-\$ 4,705	\$ 3,137	
47	1970	Load Management Controls Customer Premises	\$ 245,119	\$ -	\$ -	\$ 245,119	-\$ 176,672	-\$ 24,698	\$ -	-\$ 201,370	\$ 43,749	
47	1980	System Supervisor Equipment	\$ 353,504	\$ 23,847	\$ -	\$ 377,351	-\$ 253,228	-\$ 9,356	\$ -	-\$ 262,584	\$ 114,767	
47	1995	Contributions & Grants	-\$ 4,747,715	-\$ 148,758	\$ -	-\$ 4,896,473	\$ 1,299,487	\$ 97,408	\$ -	\$ 1,396,895	\$ 3,499,578	
14	1609	Intangible assets	\$ 535,630	\$ -	\$ 535,630	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
14	1609	Intangible assets	\$ -	\$ 1,710,026	\$ -	\$ 1,710,026	\$ -	-\$ 18,278	\$ -	-\$ 18,278	\$ 1,691,748	
43.2	2075	Non-utility property owned under capital lease	\$ 294,688	\$ -	\$ -	\$ 294,688	-\$ 22,102	-\$ 14,863	\$ -	-\$ 36,965	\$ 257,724	
47	2055	Construction work in progress	\$ 8,113,559	\$ -	\$ 8,113,559	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	<b>\$ 95,149,318</b>	<b>\$ 4,961,435</b>	<b>\$ 9,613,856</b>	<b>\$ 90,496,896</b>	<b>-\$ 49,921,407</b>	<b>-\$ 2,129,199</b>	<b>\$ 30,930</b>	<b>-\$ 52,019,676</b>	<b>\$ 38,477,220</b>	
		<b>Less Socialized Renewable Energy Generation Investments (input as negative)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	
		<b>Less Other Non Rate-Regulated Utility Assets (input as negative)</b>	<b>-\$ 9,853,163</b>	<b>-\$ 4188</b>	<b>\$ 9,562,663</b>	<b>-\$ 294,688</b>	<b>\$ 22,102</b>	<b>\$ 14,863</b>	<b>\$ -</b>	<b>\$ 36,965</b>	<b>-\$ 257,724</b>	
		<b>Total PP&amp;E</b>	<b>\$ 85,296,154</b>	<b>\$ 4,957,247</b>	<b>\$ 51,193</b>	<b>\$ 90,202,208</b>	<b>-\$ 49,899,305</b>	<b>-\$ 2,114,336</b>	<b>\$ 30,930</b>	<b>-\$ 51,982,711</b>	<b>\$ 38,219,497</b>	

10	Transportation
8	Stores Equipment

Less: Fully Allocated Depreciation  
Transportation -\$ 146,269  
Stores Equipment  
**Net Depreciation** -\$ 1,968,067

**Appendix 2-BA**  
**Fixed Asset Continuity Schedule - CGAAP/ASPE/USGAAP**  
"Old CGAAP" Year 2014 without changing policies

CCA Class	OEB	Description	Cost				Accumulated Depreciator					Net Book Value
			Opening Balance	Additions	Disposals	Closing Balance	Opening Balance	Additions	Disposals	Closing Balance		
12	1611	Computer Software (Formally known as Account 1925)	\$ 815,779	\$ 252,000	\$ -	\$ 1,067,779	-\$ 628,672	-\$ 94,235	\$ -	-\$ 722,907	\$ 344,872	
N/A	1805	Land	\$ 338,729	\$ -	\$ -	\$ 338,729	\$ -	\$ -	\$ -	\$ -	\$ 338,729	
47	1808	Buildings	\$ 1,679,203	\$ -	\$ -	\$ 1,679,203	-\$ 1,107,719	-\$ 31,344	\$ -	-\$ 1,139,063	\$ 540,140	
47	1820	Distribution Station Equipment <50 kV	\$ 1,745,896	\$ -	\$ -	\$ 1,745,896	-\$ 1,487,358	-\$ 37,446	\$ -	-\$ 1,524,804	\$ 221,092	
47	1830	Poles, Towers & Fixtures	\$ 13,187,253	\$ 832,226	\$ -	\$ 14,019,479	-\$ 6,145,807	-\$ 613,537	\$ -	-\$ 6,759,344	\$ 7,260,135	
47	1835	Overhead Conductors & Devices	\$ 14,513,843	\$ 373,919	\$ -	\$ 14,887,762	-\$ 6,801,269	-\$ 395,690	\$ -	-\$ 7,196,959	\$ 7,690,803	
47	1840	Underground Conduit	\$ 7,178,045	\$ 257,144	\$ -	\$ 7,435,189	-\$ 4,621,623	-\$ 289,312	\$ -	-\$ 4,910,935	\$ 2,524,254	
47	1845	Underground Conductors & Devices	\$ 18,101,149	\$ 294,598	\$ -	\$ 18,395,747	-\$ 11,861,290	-\$ 535,817	\$ -	-\$ 12,397,107	\$ 5,998,640	
47	1850	Line Transformers	\$ 15,660,741	\$ 279,020	\$ -	\$ 15,939,761	-\$ 9,922,776	-\$ 398,452	\$ -	-\$ 10,321,228	\$ 5,618,533	
47	1855	Services (Overhead & Underground)	\$ 5,328,122	\$ 202,014	\$ -	\$ 5,530,136	-\$ 3,175,551	-\$ 157,637	\$ -	-\$ 3,333,188	\$ 2,196,948	
47	1860	Meters	\$ 7,613,139	\$ 191,896	\$ -	\$ 7,805,035	-\$ 3,512,375	-\$ 339,144	\$ -	-\$ 3,851,519	\$ 3,953,516	
47	1890	Major Spare parts	\$ 468,946	\$ -	\$ -	\$ 468,946	\$ -	\$ -	\$ -	\$ -	\$ 468,946	

N/A	1905	Land	\$ 17,041			\$ 17,041	-\$ 17,041			-\$ 17,041	\$ -
47	1908	Buildings & Fixtures	\$ 578,150	\$ 80,000		\$ 658,150	-\$ 121,906	-\$ 24,306		-\$ 146,212	\$ 511,938
13	1910	Leasehold Improvements	\$ 21,798			\$ 21,798	-\$ 21,798			-\$ 21,798	\$ -
8	1915	Office Furniture & Equipment (10 years)	\$ 385,253			\$ 385,253	-\$ 349,128	-\$ 5,733		-\$ 354,861	\$ 30,392
10	1920	Computer Equipment - Hardware	\$ 540,191			\$ 540,191	-\$ 540,191			-\$ 540,191	\$ 0
45	1920	Computer Equip.-Hardware(Post Mar. 22/04)	\$ 75,674			\$ 75,674	-\$ 75,674			-\$ 75,674	\$ -
45.1	1920	Computer Equip.-Hardware(Post Mar. 19/07)	\$ 694,838	\$ 38,000		\$ 732,838	-\$ 425,143	-\$ 76,041		-\$ 501,184	\$ 231,654
10	1930	Transportation Equipment	\$ 3,057,594	\$ 60,000		\$ 3,117,594	-\$ 2,287,332	-\$ 237,620		-\$ 2,524,952	\$ 592,642
8	1935	Stores Equipment	\$ 36,199			\$ 36,199	-\$ 36,199			-\$ 36,199	\$ -
8	1940	Tools, Shop & Garage Equipment	\$ 826,578	\$ 30,000		\$ 856,578	-\$ 694,241	-\$ 29,790		-\$ 724,031	\$ 132,547
8	1945	Measurement & Testing Equipment	\$ 39,170			\$ 39,170	-\$ 29,511	-\$ 3,220		-\$ 32,731	\$ 6,439
8	1955	Communications Equipment	\$ 106,528			\$ 106,528	-\$ 106,161	-\$ 295		-\$ 106,456	\$ 72
8	1960	Miscellaneous Equipment	\$ 7,842			\$ 7,842	-\$ 4,705	-\$ 784		-\$ 5,489	\$ 2,353
47	1970	Load Management Controls Customer Premises	\$ 245,119			\$ 245,119	-\$ 201,184	-\$ 24,512		-\$ 225,696	\$ 19,423
47	1980	System Supervisor Equipment	\$ 377,351	\$ 50,000		\$ 427,351	-\$ 270,704	-\$ 19,938		-\$ 290,642	\$ 136,709
47	1995	Contributions & Grants	-\$ 4,896,473	-\$ 150,000		-\$ 5,046,473	\$ 1,492,371	\$ 198,859		\$ 1,691,230	-\$ 3,355,243
14	1609	Intangible assets	\$ 1,710,026			\$ 1,710,026	-\$ 18,278	-\$ 59,334		-\$ 77,612	\$ 1,632,414
43.2	2075	Non-utility property owned under capital lease	\$ 294,688			\$ 294,688	-\$ 36,836	-\$ 14,734		-\$ 51,570	\$ 243,118
47	2055	Construction - work in progress	\$ -			\$ -	\$ -			\$ -	\$ -
		<b>Sub-Total</b>	<b>\$ 90,748,416</b>	<b>\$ 2,790,817</b>	<b>\$ -</b>	<b>\$ 93,539,233</b>	<b>-\$ 53,008,103</b>	<b>-\$ 3,190,062</b>	<b>\$ -</b>	<b>-\$ 56,198,165</b>	<b>\$ 37,341,068</b>
		<b>Less Socialized Renewable Energy Generation Investments (input as negative)</b>	<b>\$ -</b>			<b>\$ -</b>	<b>\$ -</b>			<b>\$ -</b>	<b>\$ -</b>
		<b>Less Other Non Rate-Regulated Utility Assets (input as negative)</b>	<b>-\$ 294,689</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-\$ 294,689</b>	<b>\$ 36,836</b>	<b>\$ 14,734</b>		<b>\$ 51,570</b>	<b>-\$ 243,119</b>
		<b>Total PP&amp;E</b>	<b>\$ 90,453,727</b>	<b>\$ 2,790,817</b>	<b>\$ -</b>	<b>\$ 93,244,544</b>	<b>-\$ 52,971,267</b>	<b>-\$ 3,175,328</b>	<b>\$ -</b>	<b>-\$ 56,146,595</b>	<b>\$ 37,097,949</b>

10	Transportation
8	Stores Equipment

Less: Fully Allocated Depreciation  
Transportation  
Stores Equipment  
**Net Depreciation** **-\$ 3,175,328**

**Appendix 2-BA  
Fixed Asset Continuity Schedule - CGAAP/ASPE/USGAAP**

Year **2014 - New Policies**

CCA Class	OEB	Description	Cost				Accumulated Depreciator				Net Book Value
			Opening Balance	Additions	Disposals	Closing Balance	Opening Balance	Additions	Disposals	Closing Balance	
12	1611	Computer Software (Formally known as Account 1925)	\$ 815,779	\$ 252,000	\$ -	\$ 1,067,779	-\$ 628,672	-\$ 94,235	\$ -	-\$ 722,907	\$ 344,872
N/A	1805	Land	\$ 338,728		\$ -	\$ 338,728	\$ -	\$ -	\$ -	\$ -	\$ 338,728
47	1808	Buildings	\$ 1,672,115		\$ -	\$ 1,672,115	-\$ 1,101,927	-\$ 41,812	\$ -	-\$ 1,143,739	\$ 528,376
47	1820	Distribution Station Equipment <50 kV	\$ 1,745,896		\$ -	\$ 1,745,896	-\$ 1,491,098	-\$ 27,835	\$ -	-\$ 1,518,933	\$ 226,963
47	1830	Poles, Towers & Fixtures	\$ 17,090,269	\$ 754,104	\$ -	\$ 17,844,373	-\$ 7,751,551	-\$ 250,509	\$ -	-\$ 8,002,060	\$ 9,842,313
47	1835	Overhead Conductors & Devices	\$ 10,606,249	\$ 338,896	\$ -	\$ 10,945,145	-\$ 4,577,546	-\$ 130,613	\$ -	-\$ 4,708,159	\$ 6,236,986
47	1840	Underground Conduit	\$ 9,231,616	\$ 240,730	\$ -	\$ 9,472,346	-\$ 5,529,343	-\$ 93,952	\$ -	-\$ 5,623,295	\$ 3,849,051
47	1845	Underground Conductors & Devices	\$ 17,672,658	\$ 274,000	\$ -	\$ 17,946,658	-\$ 11,752,384	-\$ 212,146	\$ -	-\$ 11,964,530	\$ 5,982,128
47	1850	Line Transformers	\$ 14,436,876	\$ 276,512	\$ -	\$ 14,713,388	-\$ 8,956,976	-\$ 187,305	\$ -	-\$ 9,144,281	\$ 5,569,107
47	1855	Services	\$ 4,681,055	\$ 188,759	\$ -	\$ 4,869,814	-\$ 2,735,336	-\$ 67,926	\$ -	-\$ 2,803,262	\$ 2,066,552
47	1860	Meters	\$ 7,612,305	\$ 190,000	\$ -	\$ 7,802,305	-\$ 3,746,430	-\$ 531,036	\$ -	-\$ 4,277,466	\$ 3,524,839
	1890	Major Spare parts	\$ 468,946		\$ -	\$ 468,946	\$ -	\$ -	\$ -	\$ -	\$ 468,946
	1905	Land	\$ 17,041		\$ -	\$ 17,041	-\$ 17,041	\$ -	\$ -	-\$ 17,041	\$ -
47	1908	Buildings & Fixtures	\$ 584,985	\$ 80,000	\$ -	\$ 664,985	-\$ 170,262	-\$ 36,943	\$ -	-\$ 207,205	\$ 457,780
13	1910	Leasehold Improvements	\$ 21,798		\$ -	\$ 21,798	-\$ 21,798	\$ -	\$ -	-\$ 21,798	\$ 0
8	1915	Office Furniture & Equipment (10 years)	\$ 385,253		\$ -	\$ 385,253	-\$ 351,166	-\$ 5,733	\$ -	-\$ 356,899	\$ 28,354
10	1920	Computer Equipment - Hardware	\$ 540,191		\$ -	\$ 540,191	-\$ 540,191	\$ -	\$ -	-\$ 540,191	\$ -
45	1920	Computer Equip.-Hardware(Post Mar. 22/04)	\$ 75,674		\$ -	\$ 75,674	-\$ 75,674	\$ -	\$ -	-\$ 75,674	\$ -
45.1	1920	Computer Equip.-Hardware(Post Mar. 19/07)	\$ 694,838	\$ 38,000	\$ -	\$ 732,838	-\$ 425,131	-\$ 76,029	\$ -	-\$ 501,160	\$ 231,678
10	1930	Transportation Equipment	\$ 3,057,594	\$ 60,000	\$ -	\$ 3,117,594	-\$ 2,154,029	-\$ 116,088	\$ -	-\$ 2,270,117	\$ 847,477
8	1935	Stores Equipment	\$ 36,199		\$ -	\$ 36,199	-\$ 36,199	\$ -	\$ -	-\$ 36,199	\$ -
8	1940	Tools, Shop & Garage Equipment	\$ 826,578	\$ 30,000	\$ -	\$ 856,578	-\$ 694,241	-\$ 29,790	\$ -	-\$ 724,031	\$ 132,547
8	1945	Measurement & Testing Equipment	\$ 39,170		\$ -	\$ 39,170	-\$ 29,511	-\$ 3,220	\$ -	-\$ 32,731	\$ 6,439
8	1955	Communications Equipment	\$ 106,528		\$ -	\$ 106,528	-\$ 106,161	-\$ 295	\$ -	-\$ 106,456	\$ 72
8	1960	Miscellaneous Equipment	\$ 7,842		\$ -	\$ 7,842	-\$ 4,705	-\$ 784	\$ -	-\$ 5,489	\$ 2,353
47	1970	Load Management Controls Customer Premises	\$ 245,119		\$ -	\$ 245,119	-\$ 201,370	-\$ 24,698	\$ -	-\$ 226,068	\$ 19,051
47	1980	System Supervisor Equipment	\$ 377,351	\$ 50,000	\$ -	\$ 427,351	-\$ 262,584	-\$ 11,817	\$ -	-\$ 274,401	\$ 152,950
47	1995	Contributions & Grants	-\$ 4,896,473	-\$ 150,000	\$ -	-\$ 5,046,473	\$ 1,396,895	\$ 101,122	\$ -	\$ 1,498,017	-\$ 3,548,456
	2075	Non-utility property owned under capital lease	\$ 294,688		\$ -	\$ 294,688	-\$ 36,964	-\$ 14,863	\$ -	-\$ 51,827	\$ 242,861
14	1609	Intangible assets	\$ 1,710,026		\$ -	\$ 1,710,026	-\$ 18,278	-\$ 59,334	\$ -	-\$ 77,612	\$ 1,632,414
		<b>Sub-Total</b>	<b>\$ 90,496,895</b>	<b>\$ 2,623,001</b>	<b>\$ -</b>	<b>\$ 93,119,896</b>	<b>-\$ 52,019,676</b>	<b>-\$ 1,915,841</b>	<b>\$ -</b>	<b>-\$ 53,935,517</b>	<b>\$ 39,184,380</b>
		<b>Less Socialized Renewable Energy Generation Investments (input as negative)</b>				<b>\$ -</b>				<b>\$ -</b>	<b>\$ -</b>
		<b>Less Other Non Rate-Regulated Utility Assets (input as negative)</b>	<b>-\$ 294,688</b>			<b>-\$ 294,688</b>	<b>\$ 36,964</b>	<b>\$ 14,863</b>		<b>\$ 51,827</b>	<b>-\$ 242,861</b>
		<b>Total PP&amp;E</b>	<b>\$ 90,202,207</b>	<b>\$ 2,623,001</b>	<b>\$ -</b>	<b>\$ 92,825,208</b>	<b>-\$ 51,982,712</b>	<b>-\$ 1,900,978</b>	<b>\$ -</b>	<b>-\$ 53,883,690</b>	<b>\$ 38,941,519</b>

10	Transportation
8	Stores Equipment

Less: Fully Allocated Depreciation  
Transportation **-\$ 150,081**  
Stores Equipment

**Appendix 2-BA  
Fixed Asset Continuity Schedule - CGAAP/ASPE/USGAAP**

Year **2014 - MFRS**

CCA Class	OEB	Description	Cost				Accumulated Depreciator				Net Book Value
			Opening Balance	Additions	Disposals	Closing Balance	Opening Balance	Additions	Disposals	Closing Balance	
12	1611	Computer Software (Formally known as Account 1925)	\$ 815,779	\$ 252,000	-\$ 270,770	\$ 797,009	-\$ 628,672	-\$ 94,235	\$ 270,770	-\$ 452,137	\$ 344,872
N/A	1805	Land	\$ 338,728		\$ -	\$ 338,728	\$ -	\$ -	\$ -	\$ -	\$ 338,728
47	1808	Buildings	\$ 1,672,115		\$ 200,763	\$ 1,471,352	-\$ 1,101,927	-\$ 39,423	\$ 125,146	-\$ 1,016,204	\$ 455,148
47	1820	Distribution Station Equipment <50 kV	\$ 1,745,896		\$ 685,562	\$ 1,060,334	-\$ 1,491,098	-\$ 27,835	\$ 685,562	-\$ 833,371	\$ 226,962
47	1830	Poles, Towers & Fixtures	\$ 17,090,269	\$ 754,104	\$ 2,116,412	\$ 15,727,961	-\$ 7,751,551	-\$ 248,353	\$ 1,987,810	-\$ 6,012,094	\$ 9,715,867
47	1835	Overhead Conductors & Devices	\$ 10,606,249	\$ 338,896	\$ 1,487,905	\$ 9,457,240	-\$ 4,577,546	-\$ 129,627	\$ 1,408,309	-\$ 3,298,864	\$ 6,158,376
47	1840	Underground Conduit	\$ 9,231,616	\$ 240,730	\$ -	\$ 9,472,346	-\$ 5,529,343	-\$ 93,952	\$ -	-\$ 5,623,295	\$ 3,849,051
47	1845	Underground Conductors & Devices	\$ 17,672,658	\$ 274,000	\$ 4,179,835	\$ 13,766,823	-\$ 11,752,384	-\$ 207,823	\$ 4,112,582	-\$ 7,847,625	\$ 5,919,198
47	1850	Line Transformers	\$ 14,436,876	\$ 276,512	\$ 2,633,590	\$ 12,079,798	-\$ 8,956,976	-\$ 182,877	\$ 2,530,147	-\$ 6,609,706	\$ 5,470,092
47	1855	Services	\$ 4,681,055	\$ 188,759	\$ -	\$ 4,869,814	-\$ 2,735,336	-\$ 67,926	\$ -	-\$ 2,803,262	\$ 2,066,552
47	1860	Meters	\$ 7,612,305	\$ 190,000	\$ 2,551,947	\$ 5,250,358	-\$ 3,746,430	-\$ 481,565	\$ 2,267,939	-\$ 1,960,056	\$ 3,290,302
	1890	Major Spare parts	\$ 468,946		\$ -	\$ 468,946	\$ -	\$ -	\$ -	\$ -	\$ 468,946
	1905	Land	\$ 17,041		\$ -	\$ 17,041	-\$ 17,041	\$ -	\$ -	-\$ 17,041	\$ -
47	1908	Buildings & Fixtures	\$ 584,985	\$ 80,000	-\$ 63,830	\$ 601,155	-\$ 170,262	-\$ 33,755	\$ 56,052	-\$ 147,965	\$ 453,190

13	1910	Leasehold Improvements	\$	21,798	\$	-	\$	21,798	-\$	21,798	\$	-	\$	21,798	-\$	0
8	1915	Office Furniture & Equipment (10 years)	\$	385,253	\$	257,192	\$	128,061	-\$	351,166	-\$	5,733	\$	257,192	-\$	28,354
10	1920	Computer Equipment - Hardware	\$	540,191	-\$	540,191	\$	0	-\$	540,191	\$	540,191	\$	0	\$	0
45	1920	Computer Equip.-Hardware(Post Mar. 22/04)	\$	75,674	-\$	75,674	\$	0	-\$	75,674	\$	75,674	\$	0	\$	0
45.1	1920	Computer Equip.-Hardware(Post Mar. 19/07)	\$	694,838	\$	38,000	-\$	215,019	\$	517,819	-\$	425,131	-\$	76,029	\$	215,019
10	1930	Transportation Equipment	\$	3,057,594	\$	60,000	-\$	34,489	\$	3,083,105	-\$	2,154,029	-\$	116,088	\$	34,489
8	1935	Stores Equipment	\$	36,199	\$	-	-\$	36,199	-\$	36,199	\$	36,199	\$	-	-\$	36,199
8	1940	Tools, Shop & Garage Equipment	\$	826,578	\$	30,000	-\$	349,037	\$	507,541	-\$	694,241	-\$	29,790	\$	349,037
8	1945	Measurement & Testing Equipment	\$	39,170	\$	-	-\$	39,170	-\$	29,511	-\$	3,220	-\$	-	-\$	32,731
8	1955	Communications Equipment	\$	106,528	-\$	-	-\$	60,668	\$	45,860	-\$	106,161	-\$	295	\$	60,668
8	1960	Miscellaneous Equipment	\$	7,842	-\$	-	-\$	7,842	-\$	4,705	-\$	784	-\$	-	-\$	5,489
47	1970	Load Management Controls Customer Premise	\$	245,119	\$	-	-\$	245,119	-\$	201,370	-\$	24,698	-\$	-	-\$	226,068
47	1980	System Supervisor Equipment	\$	377,351	\$	50,000	-\$	-	-\$	427,351	-\$	262,584	-\$	11,817	-\$	-
47	1995	Contributions & Grants	-\$	4,896,473	-\$	150,000	\$	-	-\$	5,046,473	\$	1,396,895	\$	101,122	-\$	-
2075		Non-utility property owned under capital lease	\$	294,688	-\$	-	-\$	294,688	-\$	36,964	-\$	14,863	-\$	-	-\$	-
14	1609	Intangible assets	\$	1,710,026	-\$	-	-\$	1,710,026	-\$	18,278	-\$	69,334	-\$	-	-\$	-
		Sub-Total	\$	90,496,895	\$	2,623,001	-\$	15,722,884	\$	77,397,012	-\$	52,019,676	-\$	1,848,900	\$	14,976,587
		Less Socialized Renewable Energy Generation Investments (input as negative)					\$	-						\$	-	\$
		Less Other Non Rate-Regulated Utility Assets (input as negative)	-\$	294,688			-\$	294,688			\$	36,964	\$	14,863		
		Total PP&E	\$	90,202,207	\$	2,623,001	-\$	15,722,884	\$	77,102,324	-\$	51,982,712	-\$	1,834,037	\$	14,976,587

10		Transportation
8		Stores Equipment

Less: Fully Allocated Depreciation  
Transportation -\$ 150,081  
Stores Equipment

## Appendix 2-BA Fixed Asset Continuity Schedule - MIFRS

Year 2015 Pre IFRS 1 exemption deeming opening NBV as cost

CCA Class	OEB	Description	Cost				Accumulated Depreciator				
			Opening Balance	Additions	Disposals	Closing Balance	Opening Balance	Additions	Disposals	Closing Balance	Net Book Value
12	1611	Computer Software (Formally known as Account 1925)	\$ 1,067,779	\$ 215,000	-\$ 270,770	\$ 1,012,009	-\$ 722,908	-\$ 124,901	\$ 270,770	-\$ 577,039	\$ 434,970
N/A	1805	Land	\$ 338,728	\$ 913,474	\$ -	\$ 1,252,202	-\$ -	\$ -	\$ -	\$ -	\$ 1,252,202
47	1808	Buildings	\$ 1,672,115	\$ -	-\$ 200,763	\$ 1,471,352	-\$ 1,143,737	-\$ 41,812	\$ 129,923	-\$ 1,055,626	\$ 415,726
47	1815	TS capital	\$ -	\$ 13,961,840	-\$ -	\$ 13,961,840	\$ -	-\$ 667,058	\$ -	-\$ 667,058	\$ 13,294,782
47	1820	Distribution Station Equipment <50kV	\$ 1,745,896	\$ -	-\$ 744,161	\$ 1,001,735	-\$ 1,518,934	-\$ 27,835	\$ 742,783	-\$ 803,986	\$ 197,749
47	1830	Poles, Towers & Fixtures	\$ 17,844,373	\$ 633,784	-\$ 2,217,558	\$ 16,260,599	-\$ 8,002,061	-\$ 265,802	\$ 2,094,798	-\$ 6,173,065	\$ 10,087,534
47	1835	Overhead Conductors & Devices	\$ 10,945,145	\$ 269,216	-\$ 1,594,522	\$ 9,619,839	-\$ 4,708,158	-\$ 135,973	\$ 1,516,574	-\$ 3,327,557	\$ 6,292,282
47	1840	Underground Conduit	\$ 9,472,346	\$ 242,740	-\$ 69,391	\$ 9,645,695	-\$ 5,623,297	-\$ 98,689	\$ 69,390	-\$ 5,652,596	\$ 3,993,099
47	1845	Underground Conductors & Devices	\$ 17,946,658	\$ 275,000	-\$ 4,145,660	\$ 14,075,998	-\$ 11,964,531	-\$ 218,320	\$ 4,086,653	-\$ 8,096,198	\$ 5,979,800
47	1850	Line Transformers	\$ 14,713,387	\$ 284,806	-\$ 2,739,644	\$ 12,258,549	-\$ 9,144,281	-\$ 194,322	\$ 2,641,872	-\$ 6,696,731	\$ 5,561,818
47	1855	Services	\$ 4,869,814	\$ 190,954	-\$ -	\$ 5,060,768	-\$ 2,803,263	-\$ 72,297	\$ -	-\$ 2,875,560	\$ 2,185,208
47	1860	Meters	\$ 7,802,305	\$ 175,000	-\$ 2,553,732	\$ 5,423,573	-\$ 4,277,466	-\$ 529,311	\$ 2,352,089	-\$ 2,454,688	\$ 2,968,885
	1890	Major Spare parts	\$ 468,946	\$ -	-\$ -	\$ 468,946	\$ -	\$ -	\$ -	\$ -	\$ 468,946
	1905	Land	\$ 17,041	\$ -	-\$ -	\$ 17,041	-\$ 17,041	\$ -	\$ -	-\$ 17,041	\$ -
47	1908	Buildings & Fixtures	\$ 664,985	\$ 90,000	-\$ 63,830	\$ 691,155	-\$ 207,206	-\$ 38,197	\$ 62,430	-\$ 182,973	\$ 508,182
13	1910	Leasehold Improvements	\$ 21,798	\$ -	-\$ -	\$ 21,798	-\$ 21,798	\$ -	\$ -	-\$ 21,798	\$ -
8	1915	Office Furniture & Equipment (10 years)	\$ 385,253	\$ -	-\$ 257,192	\$ 128,061	-\$ 356,898	-\$ 5,513	\$ 257,192	-\$ 105,219	\$ 22,842
10	1920	Computer Equipment - Hardware	\$ 540,191	\$ -	-\$ 540,191	\$ 0	-\$ 540,191	\$ -	\$ 540,191	-\$ 0	\$ 0
45	1920	Computer Equip.-Hardware(Post Mar. 22/04)	\$ 75,674	\$ -	-\$ 75,674	\$ 0	-\$ 75,674	\$ -	\$ 75,674	-\$ 0	\$ -
45.1	1920	Computer Equip.-Hardware(Post Mar. 19/07)	\$ 732,838	\$ 30,000	-\$ 251,880	\$ 510,958	-\$ 501,160	-\$ 81,131	\$ 251,879	-\$ 330,412	\$ 180,546
10	1930	Transportation Equipment	\$ 3,117,594	\$ 135,000	-\$ 58,710	\$ 3,193,884	-\$ 2,270,117	-\$ 124,213	\$ 58,710	-\$ 2,335,620	\$ 858,264
8	1935	Stores Equipment	\$ 36,199	\$ -	-\$ -	\$ 36,199	-\$ 36,199	\$ -	\$ -	-\$ 36,199	\$ -
8	1940	Tools, Shop & Garage Equipment	\$ 856,578	\$ 30,000	-\$ 349,037	\$ 537,541	-\$ 724,032	-\$ 28,839	\$ 349,037	-\$ 403,834	\$ 133,707
8	1945	Measurement & Testing Equipment	\$ 39,170	\$ -	-\$ -	\$ 39,170	-\$ 32,730	-\$ 3,220	\$ -	-\$ 35,950	\$ 3,219
8	1955	Communications Equipment	\$ 106,528	\$ -	-\$ 60,668	\$ 45,860	-\$ 106,455	-\$ 36	\$ 60,668	-\$ 45,823	\$ 36
8	1960	Miscellaneous Equipment	\$ 7,842	\$ -	-\$ -	\$ 7,842	-\$ 5,490	-\$ 784	\$ -	-\$ 6,274	\$ 1,569
47	1970	Load Management Controls Customer Premises	\$ 245,119	\$ -	-\$ -	\$ 245,119	-\$ 226,068	-\$ 14,808	\$ -	-\$ 240,876	\$ 4,244
47	1980	System Supervisor Equipment	\$ 427,351	\$ 50,000	-\$ -	\$ 477,351	-\$ 274,401	-\$ 15,151	\$ -	-\$ 289,552	\$ 187,799
47	1995	Contributions & Grants	-\$ 5,046,473	-\$ 150,000	\$ -	-\$ 5,196,473	\$ 1,498,017	\$ 104,632	\$ -	\$ 1,602,649	-\$ 3,593,824
2075		Non-utility property owned under capital lease	\$ 294,688	\$ -	-\$ -	\$ 294,688	-\$ 51,827	-\$ 14,863	\$ -	-\$ 66,690	\$ 227,998
14	1609	Intangible assets	\$ 1,710,026	\$ 436,468	-\$ 2,146,494	\$ -	-\$ 77,612	-\$ 95,705	\$ -	-\$ 173,317	\$ 1,973,177
		<b>Sub-Total</b>	<b>\$ 93,119,896</b>	<b>\$ 17,783,282</b>	<b>-\$ 16,193,383</b>	<b>\$ 94,709,795</b>	<b>-\$ 53,935,520</b>	<b>-\$ 2,694,148</b>	<b>\$ 15,560,633</b>	<b>-\$ 41,069,035</b>	<b>\$ 53,640,761</b>
		<b>Less Socialized Renewable Energy Generation Investments (input as negative)</b>				\$ -				\$ -	\$ -
		<b>Less Other Non Rate-Regulated Utility Assets (input as negative)</b>	-\$ 294,688			-\$ 294,688	\$ 51,827	\$ 14,863		\$ 66,690	-\$ 227,998
		<b>Total PP&amp;E</b>	<b>\$ 92,825,208</b>	<b>\$ 17,783,282</b>	<b>-\$ 16,193,383</b>	<b>\$ 94,415,107</b>	<b>-\$ 53,883,692</b>	<b>-\$ 2,679,285</b>	<b>\$ 15,560,633</b>	<b>-\$ 41,002,344</b>	<b>\$ 53,412,762</b>
		<b>Depreciation Expense adj. from gain or loss on the retirement of assets (pool of like assets)</b>					<span style="background-color: #d9ead3;">-</span>	<span style="background-color: #d9ead3;">632,749</span>			
		<b>Total</b>					<b>-\$ -</b>	<b>\$ 3,312,034</b>			

10		Transportation
8		Stores Equipment

Less: Fully Allocated Depreciation  
Transportation -\$ 156,997  
Stores Equipment   
**Net Depreciation** -\$ 3,155,037

## Appendix 2-BA Fixed Asset Continuity Schedule - MIFRS

Year 2015 Considers IFRS 1 Exemption for 2014 ending NBV to = 2015 Opening Cost  
As above but with Contributed Capital blended in

CCA Class	OEB	Description	Cost				Accumulated Depreciator				
			Opening Balance	Additions	Disposals	Closing Balance	Opening Balance	Additions	Disposals	Closing Balance	Net Book Value
12	1611	Computer Software (Formally known as Account 1925)	\$ 344,871	\$ 215,000	\$ -	\$ 559,871	\$ -	-\$ 124,901	\$ -	\$ 124,901	\$ 434,970
N/A	1805	Land	\$ 338,728	\$ 913,473	\$ -	\$ 1,252,202	\$ -	\$ -	\$ -	\$ -	\$ 1,252,202
47	1808	Buildings	\$ 528,378	\$ -	-\$ 70,840	\$ 457,538	\$ -	-\$ 41,812	\$ -	-\$ 41,812	\$ 415,726
47	1815	Transformer Station Equipment >50 kV	\$ 0	\$ 13,961,840	\$ -	\$ 13,961,840	\$ -	-\$ 667,059	\$ -	-\$ 667,059	\$ 13,294,781
47	1820	Distribution Station Equipment <50 kV	\$ 226,962	\$ -	-\$ 1,378	\$ 225,584	\$ -	-\$ 27,835	\$ -	-\$ 27,835	\$ 197,749
47	1830	Poles, Towers & Fixtures	\$ 3,941,018	\$ 199,978	-\$ 47,420	\$ 4,093,576	\$ -	-\$ 78,303	\$ -	-\$ 78,303	\$ 4,015,274
	1831	Wooden Poles	\$ 673,599	\$ 48,607	-\$ 31,765	\$ 690,441	\$ -	-\$ 18,146	\$ -	-\$ 18,146	\$ 672,295
	1832	Overhead Fixtures	\$ 5,094,107	\$ 379,217	-\$ 43,576	\$ 5,429,748	\$ -	-\$ 165,569	\$ -	-\$ 165,569	\$ 5,264,179
	1833	Line switches	\$ 989,283	\$ 45,883	-\$ 6,339	\$ 1,028,827	\$ -	-\$ 27,833	\$ -	-\$ 27,833	\$ 1,000,994
	1834	Integral switches	\$ 374,622	\$ -	-\$ -	\$ 374,622	\$ -	-\$ 9,911	\$ -	-\$ 9,911	\$ 364,711
47	1835	Overhead Conductors & Devices	\$ 4,608,121	\$ 221,122	-\$ 71,609	\$ 4,757,634	\$ -	-\$ 90,380	\$ -	-\$ 90,380	\$ 4,667,254
	1836	Reclosers	\$ 172,959	\$ -	-\$ -	\$ 172,959	\$ -	-\$ 5,058	\$ -	-\$ 5,058	\$ 167,901
	1837	Capacitor banks	\$ 36,277	\$ -	-\$ -	\$ 36,277	\$ -	-\$ 1,512	\$ -	-\$ 1,512	\$ 34,765
47	1840	Underground Conduit	\$ 2,243,022	\$ 159,572	\$ -	\$ 2,402,593	\$ -	-\$ 61,430	\$ -	-\$ 61,430	\$ 2,341,164

	1841	Underground Foundations	\$ 737,741	\$ 44,414	\$ -	\$ 782,154	\$ -	\$ -	\$ 16,750	\$ -	\$ -	\$ 16,750	\$ 765,404
	1844	UG cable - non TR	\$ 167,469	\$ -	\$ -	\$ 167,469	\$ -	\$ -	\$ 10,348	\$ -	\$ -	\$ 10,348	\$ 111,916
47	1845	Underground Conductors & Devices	\$ 4,124,893	\$ 125,661	\$ -	\$ 4,250,554	\$ -	\$ -	\$ 143,284	\$ -	\$ -	\$ 143,284	\$ 4,093,573
	1846	Underground Switchgear	\$ 716,871	\$ 110,000	\$ -	\$ 826,871	\$ -	\$ -	\$ 34,146	\$ -	\$ -	\$ 34,146	\$ 792,620
47	1850	Line Transformers - Aerial	\$ 2,281,790	\$ 140,097	\$ -	\$ 2,421,887	\$ -	\$ -	\$ 78,686	\$ -	\$ -	\$ 78,686	\$ 2,308,096
	1851	Padmount transformers	\$ 2,645,254	\$ 116,449	\$ -	\$ 2,761,703	\$ -	\$ -	\$ 94,690	\$ -	\$ -	\$ 94,690	\$ 2,604,348
47	1855	Services Underground	\$ 940,454	\$ 110,166	\$ -	\$ 1,050,620	\$ -	\$ -	\$ 39,308	\$ -	\$ -	\$ 39,308	\$ 1,011,313
	1856	Services Overhead	\$ 250,196	\$ 45,334	\$ -	\$ 295,530	\$ -	\$ -	\$ 5,420	\$ -	\$ -	\$ 5,420	\$ 290,110
47	1860	Meters	\$ 633,676	\$ 113,750	\$ -	\$ 747,426	\$ -	\$ -	\$ 71,762	\$ -	\$ -	\$ 71,762	\$ 474,022
	1861	Current and Potential transformers	\$ 219,034	\$ 8,750	\$ -	\$ 227,784	\$ -	\$ -	\$ 6,917	\$ -	\$ -	\$ 6,917	\$ 220,867
	1862	Primary meters	\$ 214,494	\$ -	\$ -	\$ 214,494	\$ -	\$ -	\$ 23,488	\$ -	\$ -	\$ 23,488	\$ 191,006
	1863	Wholesale meters	\$ 128,747	\$ -	\$ -	\$ 128,747	\$ -	\$ -	\$ 12,540	\$ -	\$ -	\$ 12,540	\$ 116,206
47	1880	Meters (Smart Meters)	\$ 2,328,887	\$ 52,500	\$ -	\$ 2,381,387	\$ -	\$ -	\$ 414,604	\$ -	\$ -	\$ 414,604	\$ 1,966,783
	1890	Major Spare parts	\$ 468,946	\$ -	\$ -	\$ 468,946	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 468,946
	1907	Building - Heating & Cooling	\$ 78,348	\$ -	\$ -	\$ 78,348	\$ -	\$ -	\$ 17,220	\$ -	\$ -	\$ 17,220	\$ 59,729
47	1908	Buildings & Fixtures	\$ 379,430	\$ 90,000	\$ -	\$ 469,430	\$ -	\$ -	\$ 20,977	\$ -	\$ -	\$ 20,977	\$ 448,453
8	1915	Office Furniture & Equipment (10 years)	\$ 28,355	\$ -	\$ -	\$ 28,355	\$ -	\$ -	\$ 5,513	\$ -	\$ -	\$ 5,513	\$ 22,841
45.1	1920	Computer Equip.-Hardware(Post Mar. 19/07)	\$ 231,678	\$ 30,000	\$ -	\$ 261,678	\$ -	\$ -	\$ 81,131	\$ -	\$ -	\$ 81,131	\$ 180,547
10	1930	Transportation Equipment	\$ 751,927	\$ 105,000	\$ -	\$ 856,927	\$ -	\$ -	\$ 110,183	\$ -	\$ -	\$ 110,183	\$ 746,743
	1931	Small trucks	\$ 95,550	\$ 30,000	\$ -	\$ 125,550	\$ -	\$ -	\$ 14,030	\$ -	\$ -	\$ 14,030	\$ 111,520
8	1940	Tools, Shop & Garage Equipment	\$ 132,546	\$ 30,000	\$ -	\$ 162,546	\$ -	\$ -	\$ 28,839	\$ -	\$ -	\$ 28,839	\$ 133,707
8	1945	Measurement & Testing Equipment	\$ 6,439	\$ -	\$ -	\$ 6,439	\$ -	\$ -	\$ 3,220	\$ -	\$ -	\$ 3,220	\$ 3,220
8	1955	Communications Equipment	\$ 72	\$ -	\$ -	\$ 72	\$ -	\$ -	\$ 36	\$ -	\$ -	\$ 36	\$ 36
8	1960	Miscellaneous Equipment	\$ 2,353	\$ -	\$ -	\$ 2,353	\$ -	\$ -	\$ 784	\$ -	\$ -	\$ 784	\$ 1,568
47	1970	Load Management Controls Customer Premises	\$ 19,052	\$ -	\$ -	\$ 19,052	\$ -	\$ -	\$ 14,808	\$ -	\$ -	\$ 14,808	\$ 4,243
47	1980	System Supervisor Equipment	\$ 152,950	\$ 50,000	\$ -	\$ 202,950	\$ -	\$ -	\$ 15,151	\$ -	\$ -	\$ 15,151	\$ 187,799
	2075	Non Rate-Regulated Utility Property	\$ 242,861	\$ -	\$ -	\$ 242,861	\$ -	\$ -	\$ 14,863	\$ -	\$ -	\$ 14,863	\$ 227,998
	1609	Intangible assets	\$ 1,632,414	\$ 436,468	\$ -	\$ 2,068,882	\$ -	\$ -	\$ 95,704	\$ -	\$ -	\$ 95,704	\$ 1,973,178
		<b>Sub-Total</b>	<b>\$ 39,184,375</b>	<b>\$ 17,783,281</b>	<b>\$ -</b>	<b>\$ 56,967,656</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,694,149</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,694,149</b>	<b>\$ 53,640,760</b>
		Less Socialized Renewable Energy Generation Investments (input as negative)	0	0	0	0	0	0	0	0	0	0	0
		Less Other Non Rate-Regulated Utility Assets (input as negative)	\$ 242,861	0	0	\$ 242,861	\$ -	\$ -	\$ 14,863	0	\$ -	\$ 14,863	\$ 227,998
		<b>Total PP&amp;E</b>	<b>\$ 38,941,514</b>	<b>\$ 17,783,281</b>	<b>\$ -</b>	<b>\$ 56,092,048</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,679,286</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,679,286</b>	<b>\$ 53,412,762</b>
		Depreciation Expense adj. from gain or loss on the retirement of assets (pool of like assets)											
		<b>Total</b>							<b>-\$ 2,679,286</b>				

10	Transportation
8	Stores Equipment

Less: Fully Allocated Depreciation	
Transportation	-\$ 156,997
Stores Equipment	
Net Depreciation	-\$ 2,522,289

<b>File Number:</b>	EB 2014 0073
<b>Exhibit:</b>	2
<b>Tab:</b>	2
<b>Schedule:</b>	1
<b>Attachment:</b>	3
<b>Date:</b>	25-Apr-14

## Appendix 2-AA Capital Projects Table

Projects	2010	2011	2012	2013	2014 Bridge Year	2014 Year to date	2015 Test Year
<b>Reporting Basis</b>							
<b>System Access</b>							
Subdivisions	199,708		240,986	40,177			
Customer Connection/Extension		305,005		88,353			
Goderich Street E (LTLT)			60,719				
Capital Additions					200,000	0	204,000
New Upgraded Services					115,000	36,949	117,500
Sub-Total	199,708	305,005	301,705	128,530	315,000	36,949	321,500
Miscellaneous	86,160	134,981	201,417	143,697			
<b>Project Total</b>	<b>285,868</b>	<b>439,986</b>	<b>503,122</b>	<b>272,227</b>	<b>315,000</b>	<b>36,949</b>	<b>321,500</b>
<b>General Plant</b>							
Truck 4 - Single Bucket	226,311						
Truck 22 - Backhoe		75,425					
Computer Equipment		76,969	90,259	293,712	290,000	39,669	245,000
Truck #2 - RBD			322,414				
Land and Buildings					80,000	0	90,000
Electric Vehicle							70,000
Sub-Total	226,311	152,394	412,673	293,712	370,000	39,669	405,000
Miscellaneous	132,855	67,012	92,614	111,496	90,000	5,450	95,000
<b>Project Total</b>	<b>359,166</b>	<b>219,406</b>	<b>505,287</b>	<b>405,208</b>	<b>460,000</b>	<b>45,119</b>	<b>500,000</b>
<b>System Renewal</b>							
Centre St. & Helen St. - spun secondary	\$104,383						
Cobourg Area 1F1 Phase 2 - conversion	\$303,048						
Delamere (Morningside to Romeo)	\$229,748						
St. George St.	\$154,788						
9M4 - Northwest Section	\$182,440						
Brantford - rear lot conversion	\$73,024						
Transformers	\$203,773	\$188,460	\$93,776	\$232,841	\$200,000	\$54,518	\$205,000
Distribution Meters	\$198,305	\$147,080	\$152,023	\$91,138	\$190,000	\$26,597	\$175,000
Switchgear at MS#1	\$66,713						
St. David Rebuild (Downie to Church)		\$194,855					
Devon St. Rebuild (Romeo to T.S.)		\$177,240					
Lorne Ave. W. Rebuild (Boyd to St. Vincent)		\$305,866					
9M4-Northwest Section Ph 2		\$113,385					
Cemetery @ Charles St.		\$63,412					
Market St. Rebuild (High to deadend)		\$66,917					
Flora St. to Turnberry St.		\$180,012					
M.S. #8 Phase 1 - Conversion		\$170,086					
Packham Road - Rebuild (3ph double circuit)			\$320,190				

Park Street Rebuild (east of Romeo)			\$74,838				
M1 Feeder - Cemetry to James St. South			\$146,227				
Turnberry Rebuild (Flora to PME)			\$170,856				
West Gore Rebuild (John to Sewage Plant)				151,110			
Victoria Street M4 Rebuild (RRX to Wellington)				85,535			
Jones St W Rebuild & Salina St S				160,436			
Queen St. Rebuild				177,154			
Sports Drive, Thomas & Maple				123,534			
Brunswick Street (Romeo to Queen)					\$145,000	\$189,694	
Mornington St. Rebuild (Delamere to Quinlan)					\$255,000		
Elgin St (Ontario to West End & Warner)					\$130,000	\$1,386	
Chuch St. N. & Egan St.					\$110,000		
CN Road, Princess St., Albert St.					\$100,000	\$89,747	
Dunedin Drive Rebuild (Turnberry to Burgess)					\$65,000	\$38,533	
M.S. #8 Ph 2					\$180,000		
M8 Feeder Rebuild (Ontario to Douro)							\$125,000
Trinity Street (Brunswick to Regent)							\$90,000
King Street (Albert to Douro)							\$60,000
Elgin Street (Church to James)							\$90,000
Jones Street (James to Church & Peel)							\$60,000
John Street (High St to Sparling)							\$75,000
Jarvis Street & Lloyd Eisler St.							\$150,000
M.S. #9 Conversion Ph 1							\$230,000
Sub-Total	1,516,223	1,607,313	957,911	1,021,748	1,375,000	400,475	1,260,000
Miscellaneous	600,713	698,955	802,002	1,014,652	313,000	120,381	230,000
<b>Project Total</b>	<b>2,116,936</b>	<b>2,306,268</b>	<b>1,759,913</b>	<b>2,036,400</b>	<b>1,688,000</b>	<b>520,856</b>	<b>1,490,000</b>
<b>System Service</b>							
Wright Blvd. Extension & Gibb Road tie line	\$159,056						
TS Conduit	\$142,562						
Switchgear Replacement			259,867	112,695	110,000		110,000
Line Re-insulation			232,385	98,812	150,000	84,841	150,000
O'Loane Feeder Tie				306,280			
Forman Feeder Tie				132,318			
Sub-Total	301,618	0	492,252	650,105	260,000	84,841	260,000
Miscellaneous	76,215	93,154	30,839	23,847	50,000	10,059	50,000
<b>Project Total</b>	<b>377,833</b>	<b>93,154</b>	<b>523,091</b>	<b>673,952</b>	<b>310,000</b>	<b>94,900</b>	<b>310,000</b>
<b>Total</b>	<b>3,139,803</b>	<b>3,058,814</b>	<b>3,291,413</b>	<b>3,387,787</b>	<b>2,773,000</b>	<b>697,824</b>	<b>2,621,500</b>
<b>Less Renewable Generation Facility Assets and Other Non Rate-Regulated Utility Assets (input as negative)</b>							
<b>Total</b>	<b>3,139,803</b>	<b>3,058,814</b>	<b>3,291,413</b>	<b>3,387,787</b>	<b>2,773,000</b>	<b>697,824</b>	<b>2,621,500</b>

**Notes:**

- 1 Please provide a breakdown of the major components of each capital project undertaken in each year. Please ensure that all projects
- 2 The applicant should group projects appropriately and avoid presentations that result in classification of significant components of the

File Number: 0  
Exhibit: 3  
Tab: 1  
Schedule: 2  
Page: 1  
Date: 27-Aug-14

## Appendix 2-I Load Forecast CDM Adjustment Work Form (2015)

The 2014 bridge year is the last year of the current four year (2011-2014) CDM program, and 2015 is the first year of a new six year (2015-2020) CDM program, per Appendix 2-I was developed to help determine what would be the amount of CDM savings needed in each year to cumulatively achieve the four year 2011-2014 It is assumed that the new six year (2015-2020) CDM program will work similar to the existing 2011-2014 CDM program, meaning that distributors will offer With this approach, it is necessary to account for estimated savings for the last year of the current program, particularly the estimated savings for new CDM

### 2011-2014 CDM Program - 2014, last year of the current CDM plan

Input the 2011-2014 CDM target in Cell B21.

Input the measured results for 2011 CDM programs for each of the years 2011 and persistence into 2012, 2013 and 2014 into cells B31 to E31. These results are Measured results for 2012 CDM programs for each of the years 2012 and persistence into 2013 and 2014 are input into cells C32 to E32. These results are taken

#####  
#####

4 Year (2011-2014) kWh Target:					
	2011	2012	2013	2014	Total
2011 CDM Programs	7.68%	7.68%	7.68%	7.68%	30.70%
2012 CDM Programs		22.00%	22.00%	22.00%	66.00%
2013 CDM Programs			1.10%	1.10%	2.20%
2014 CDM Programs				1.10%	1.10%
<b>Total in Year</b>	<b>7.68%</b>	<b>29.68%</b>	<b>30.78%</b>	<b>31.88%</b>	<b>100.00%</b>
kWh					
2011 CDM Programs	2,245,414.00	2,242,749.00	2,242,749.00	2,242,749.00	8,973,661.00
2012 CDM Programs		6,434,871.00	6,433,873.00	6,433,873.00	19,302,617.00
2013 CDM Programs			324,574.00	324,574.00	649,148.00
2014 CDM Programs				324,574.00	324,574.00
<b>Total in Year</b>	<b>2,245,414.00</b>	<b>8,677,620.00</b>	<b>9,001,196.00</b>	<b>9,325,770.00</b>	<b>29,250,000.00</b>

### 2015-2020 CDM Program - 2015, first year of the current CDM plan

For the first year of the new 2015-2020 CDM plan, it is assumed that each year's program will achieve an equal amount of new CDM savings. The new targets for

6 Year (2015-2020) kWh Target:							
	2015	2016	2017	2018	2019	2020	Total
2015 CDM Programs	12.45%	0.82%	0.85%	0.85%	0.85%	0.85%	16.67%
2016 CDM Programs		13.27%					13.27%
2017 CDM Programs			14.12%				14.12%
2018 CDM Programs				14.12%			14.12%
2019 CDM Programs					14.12%		14.12%
2020 CDM Programs						14.12%	14.12%
<b>Total in Year</b>	<b>12.45%</b>	<b>14.09%</b>	<b>14.97%</b>	<b>14.97%</b>	<b>14.97%</b>	<b>14.97%</b>	<b>86.42%</b>
kWh							
2015 CDM Programs	4,544,250.00						4,544,250.00
2016 CDM Programs		4,843,550.00					4,843,550.00
2017 CDM Programs			5,153,800.00				5,153,800.00
2018 CDM Programs				5,153,800.00			5,153,800.00
2019 CDM Programs					5,153,800.00		5,153,800.00
2020 CDM Programs						5,153,800.00	5,153,800.00

Total in Year	4,544,250.00	4,843,550.00	5,153,800.00	5,153,800.00	5,153,800.00	5,153,800.00	36,500,000.00
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### Determination of 2015 Load Forecast Adjustment

The Board has determined that the "net" number should be used in its Decision and Order with respect to Centre Wellington Hydro Ltd.'s 2013 Cost of Service rates

From each of the 2006-2010 CDM Final Report, and the 2011, 2012 and 2013 CDM Final Reports, issued by the OPA for the distributor, the distributor should input

Net-to-Gross Conversion				
Is CDM adjustment being done on a "net" or "gross" basis?	net			
	"Gross" kWh	"Net" kWh	Difference kWh	"Net-to-Gross" Conversion Factor (%)
Persistence of Historical CDM programs to 2014				
2006-2010 CDM programs				
2011 CDM program				
2012 CDM program	324574	324574		
2013 CDM program	324574	324574		
<b>2006 to 2013 OPA CDM programs: Persistence</b>	649148	649148	0	0.00%

The default values represent the factor that each year's CDM program is factored into the manual CDM adjustment. Distributors can choose alternative weights of

These factors do not mean that CDM programs are excluded, but also reflect the assumption that impacts of 2011 and 2012 programs are already implicitly

### Weight Factor for Inclusion in CDM Adjustment to 2014 Load Forecast

	2011	2012	2013	2014	2015	
Weight Factor for each year's CDM program impact on 2014 load forecast	0	0	0	1	0.5	Distributor can select "0", "0.5", or "1" from drop-down list
<b>Default Value selection rationale.</b>	Full year persistence of 2011 CDM programs on 2015 load forecast. Full impact assumed because of 50% impact in 2011 (first year) but full year persistence impact on 2012 and 2013, and thus reflected in base forecast before the CDM adjustment.	Full year persistence of 2012 CDM programs on 2015 load forecast. Full impact assumed because of 50% impact in 2012 (first year) but full year persistence impact on 2013, and thus reflected in base forecast before the CDM adjustment.	Default is 0, but one option is for full year impact of persistence of 2013 CDM programs on 2015 load forecast, but 50% impact in base forecast (first year impact of 2013 CDM programs on 2013 load forecast, which is part of the data for the load forecast.	Full year impact of persistence of 2014 programs on 2015 load forecast. 2014 CDM programs not in base forecast.	Only 50% of 2015 CDM programs are assumed to impact the 2015 load forecast based on the "half-year" rule.	

### 2011-2014 and 2015-2020 LRAMVA and 2015 CDM adjustment to Load Forecast

One manual adjustment for CDM impacts to the 2015 load forecast is made. However, the distributor will have two associated annualized CDM impacts, one for

The Amount used for the CDM threshold of the LRAMVA is the kWh that will be used to determine the base amount for the LRAMVA balance for 2014, for assessing

The proposed loss factor should correspond with the loss factor calculated in Appendix 2-R

The Manual Adjustment for the 2015 Load Forecast is the amount manually subtracted from the load forecast derived from the base forecast from historical data,

If the distributor has developed their load forecast on a system purchased basis, then the manual adjustment should be on system purchased basis, including the

The distributor should determine the allocation of the savings to all customer classes in a reasonable manner (e.g. taking into account what programs and what OPA

	2011	2012	2013	2014 kWh	2015	Total for 2014	Total for 2015
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Amount used for CDM threshold for LRAMVA (2014)	2,242,749.00	6,433,873.00	324,574.00	324,574.00		9,325,770.00	
2011 CDM adjustment (per Board Decision in 2011 Cost of Service Application) (enter as negative)	- 8,000.00	- 8,000.00	- 8,000.00	- 8,000.00		- 32,000.00	
Amount used for CDM threshold for LRAMVA (2015)	4,544,250.00						4,544,250.00
Manual Adjustment for 2015 Load Forecast (billed basis)	-	-	-	324,574.00	2,272,125.00		2,596,699.00
Proposed Loss Factor (TLF)	2.91%	Format: X.XX%					
Manual Adjustment for 2015 Load Forecast (system purchased basis)	-	-	-	334,019.10	2,338,243.84		2,672,262.94

Manual adjustment uses "gross" versus "net" (i.e. numbers multiplied by (1 + g). The Weight factor is also used calculate the impact of each year's program on the

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## Appendix 2-IA Summary and Variances of Actual and Forecast Data

Replace "Rate Class #" with the appropriate rate classification.

	2010 Baord Approved	2010 Actual	2011 Actual	2012 Actual	2013 Actual	2014 Bridge	2015 Test
<b>Residential</b>							
# of Customers	17,115	16,931	17,102	17,326	17,469	17,641	17,815
kWh	141,132,375	137,431,624	137,115,454	135,123,779	137,844,076	136,685,689	136,955,314
kW							
<b>Variance Analysis</b>							
# of Customers		-1.08%	-0.08%	1.23%	2.07%	3.07%	4.09%
kWh		-2.62%	-2.85%	-4.26%	-2.33%	-3.15%	-2.96%
kW		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>Residential - Hensall</b>							
# of Customers	413	411	411	409	409	409	409
kWh	4,143,109	3,885,021	3,814,545	3,709,946	3,773,971	3,742,256	3,750,400
kW							
<b>Variance Analysis</b>							
# of Customers		-0.48%	-0.48%	-0.97%	-0.97%	-0.97%	-0.97%
kWh		-6.23%	-7.93%	-10.46%	-8.91%	-9.68%	-9.48%
kW		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>General Service &lt; 50 kW</b>							
# of Customers	1,968	1,989	1,993	2,009	2,021	2,025	2,029
kWh	67,469,308	65,179,456	63,567,429	62,255,637	64,506,324	63,964,238	64,037,774
kW							
<b>Variance Analysis</b>							
# of Customers		1.07%	1.27%	2.08%	2.69%	2.90%	3.10%
kWh		-3.39%	-5.78%	-7.73%	-4.39%	-5.20%	-5.09%
kW		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>General Service &gt;50 to 4999 kW</b>							
# of Customers	221	215	226	227	223	225	227
kWh	316,941,804	308,853,484	342,397,426	371,261,864	358,315,518	361,638,211	361,032,776
kW	797,792	825,036	893,506	959,778	935,277	943,950	942,555
<b>Variance Analysis</b>							
# of Customers		-2.71%	2.26%	2.71%	0.90%	1.81%	2.71%
kWh		-2.55%	8.03%	17.14%	13.05%	14.10%	13.91%
kW		3.41%	12.00%	20.30%	17.23%	18.32%	18.15%
<b>Large Use</b>							
# of Customers	2	2	1	1	1	1	1
kWh	65,544,852	52,043,067	30,589,560	17,987,095	21,975,629	22,179,411	22,142,280
kW	128,687	98,358	59,443	31,447	34,026	34,341	34,291
<b>Variance Analysis</b>							
# of Customers		0.00%	-50.00%	-50.00%	-50.00%	-50.00%	-50.00%
kWh		-20.60%	-53.33%	-72.56%	-66.47%	-66.16%	-66.22%
kW		-23.57%	-53.81%	-75.56%	-73.56%	-73.31%	-73.35%
<b>Unmetered Scatteed Load (per connection)</b>							
# of Customers	156	224	224	224	227	227	227
kWh	629,732	673,251	666,441	667,380	664,332	658,749	659,506
kW							
<b>Variance Analysis</b>							
# of Customers		43.59%	43.59%	43.59%	45.51%	45.51%	45.51%
kWh		6.91%	5.83%	5.98%	5.49%	4.61%	4.73%
kW		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>Sentinel Lighting (per connection)</b>							
# of Customers	83	73	64	57	47	44	41
kWh	234,690	202,236	200,336	192,847	169,332	159,600	149,824
kW	679	623	556	536	401	378	354

#### Variance Analysis

# of Customers		-12.05%	-22.89%	-31.33%	-43.37%	-46.99%	-50.60%
kWh		-13.83%	-14.64%	-17.83%	-27.85%	-32.00%	-36.16%
kW		-8.25%	-18.11%	-21.06%	-40.94%	-44.33%	-47.86%

#### Street Lighting (per light)

# of Customers	5,916	5,962	6,112	6,320	6,434	6,530	6,626
kWh	3,904,130	4,058,593	4,206,123	4,359,071	4,371,628	4,468,532	4,549,266
kW	11,255	10,947	11,209	11,445	11,501	11,756	11,970

#### Variance Analysis

# of Customers		0.78%	3.31%	6.83%	8.76%	10.38%	12.00%
kWh		3.96%	7.74%	11.65%	11.97%	14.46%	16.52%
kW		-2.74%	-0.41%	1.69%	2.19%	4.45%	6.35%

#### Rate Class 9

# of Customers							
kWh							
kW							

#### Variance Analysis

# of Customers		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
kWh		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
kW		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

#### Rate Class 10

# of Customers							
kWh							
kW							

#### Variance Analysis

# of Customers		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
kWh		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
kW		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

#### Totals

Customers / Connections	25,874	25,807	26,133	26,573	26,831	27,102	27,375
kWh	600,000,000	572,326,732	582,557,314	595,557,619	591,620,810	593,496,686	593,277,140
kW from applicable classes	938,413	934,964	964,714	1,003,206	981,205	990,425	989,170

#### Totals - Variance

Customers / Connections		-0.26%	1.00%	2.70%	3.70%	4.75%	5.80%
kWh		-4.61%	-2.91%	-0.74%	-1.40%	-1.08%	-1.12%
kW from applicable classes		-0.37%	2.80%	6.90%	4.56%	5.54%	5.41%

Date	NSLS	LondonHDD	LondonCDD	LONFTE	PeakDays	Spring	Fall
Jan-05	28,622,997	775.7	0	262.8	20	0	0
Feb-05	24,248,152	650.9	0	262.7	20	0	0
Mar-05	25,340,651	645	0	262.5	21	1	0
Apr-05	20,286,649	310.3	0	264.7	21	1	0
May-05	19,819,607	198.5	0	267.3	21	1	0
Jun-05	24,239,635	11.4	121.1	272.4	22	0	0
Jul-05	25,395,312	1.5	137.5	277.5	20	0	0
Aug-05	24,070,887	4.5	106.3	280.2	22	0	0
Sep-05	20,477,242	30.5	34.7	275.9	21	0	1
Oct-05	20,828,691	228.3	8.7	268.8	20	0	1
Nov-05	22,508,551	392.7	0	263	22	0	1
Dec-05	27,451,290	702.3	0	262	20	0	0
Jan-06	25,519,572	554.7	0	260	21	0	0
Feb-06	23,636,617	609.3	0	257.4	20	0	0
Mar-06	24,126,651	545.7	0	256	23	1	0
Apr-06	19,562,804	286.1	0	260.7	18	1	0
May-06	19,991,986	151.9	22.9	267.3	22	1	0
Jun-06	20,889,575	26.7	44.4	270.7	22	0	0
Jul-06	24,737,970	3.3	133.7	272.6	20	0	0
Aug-06	22,593,666	5.3	68.2	273.3	22	0	0
Sep-06	19,182,041	98.5	5	272.8	20	0	1
Oct-06	21,407,418	307.9	0.7	270.8	21	0	1
Nov-06	22,027,562	383.4	0	267.1	22	0	1
Dec-06	25,361,774	511.9	0	267.7	19	0	0
Jan-07	25,989,298	655.6	0	263.3	22	0	0
Feb-07	25,405,002	758.7	0	261.2	20	0	0
Mar-07	24,292,353	527	0	257.7	22	1	0
Apr-07	21,175,397	371.1	0	260.6	19	1	0
May-07	19,844,242	131.9	22.7	264.8	22	1	0
Jun-07	22,507,118	23.2	70.2	268.4	21	0	0
Jul-07	22,641,027	11.3	71.6	276.1	21	0	0
Aug-07	23,733,181	11.5	89.1	278.4	22	0	0
Sep-07	20,748,753	61	35	281.2	19	0	1
Oct-07	21,043,162	149.9	21.5	277.7	22	0	1
Nov-07	23,066,783	468.7	0	273.1	22	0	1
Dec-07	27,007,514	657	0	271.7	19	0	0
Jan-08	26,898,401	639	0	269.1	22	0	0
Feb-08	25,491,713	692.5	0	269.4	20	0	0
Mar-08	25,384,509	627.3	0	267.1	19	1	0
Apr-08	20,527,641	265	0	266.7	22	1	0
May-08	19,827,797	208.8	2.1	267.3	21	1	0
Jun-08	21,414,260	24.1	66.4	271.4	21	0	0
Jul-08	23,762,525	4	97	276.6	22	0	0
Aug-08	22,118,269	12.4	53.2	282.1	20	0	0
Sep-08	20,204,472	56.7	21.4	277.5	21	0	1
Oct-08	21,060,691	286.8	0	272.7	22	0	1
Nov-08	23,006,111	468.3	0	263.1	20	0	1
Dec-08	27,318,718	671	0	259.4	21	0	0
Jan-09	28,195,935	849.6	0	253.7	21	0	0
Feb-09	23,533,243	612.7	0	248.9	19	0	0

Mar-09	23,805,161	533.3	0	245.6	22	1	0
Apr-09	21,691,888	307	3.2	244.6	20	1	0
May-09	19,644,741	156.9	3.1	247.9	20	1	0
Jun-09	19,976,014	49.7	35.5	252.2	22	0	0
Jul-09	20,346,937	20.2	29.4	256	22	0	0
Aug-09	22,334,127	17.9	71.9	257.1	20	0	0
Sep-09	19,258,864	71.2	15.9	254.1	21	0	1
Oct-09	20,756,343	301.2	0	250.7	21	0	1
Nov-09	21,120,715	356.7	0	248.4	21	0	1
Dec-09	25,946,111	637.3	0	249.8	21	0	0
Jan-10	26,142,074	733.1	0	246.8	20	0	0
Feb-10	22,846,232	633.4	0	245.4	19	0	0
Mar-10	21,856,744	450.2	0	242.7	23	1	0
Apr-10	18,311,021	236.4	0	248.3	20	1	0
May-10	19,813,334	121.1	34.9	253.5	20	1	0
Jun-10	20,211,623	23.6	57.5	260	22	0	0
Jul-10	24,129,649	5.6	129.7	261.7	21	0	0
Aug-10	23,362,004	6	121.7	259.4	21	0	0
Sep-10	18,923,455	87.9	24.1	253.5	21	0	1
Oct-10	19,435,091	239.5	0	248.3	20	0	1
Nov-10	21,055,944	413.6	0	249.7	22	0	1
Dec-10	25,379,014	713.5	0	251.5	21	0	0
Jan-11	25,968,288	798.8	0	251.6	20	0	0
Feb-11	22,895,626	677.8	0	250.6	19	0	0
Mar-11	23,442,172	599.6	0	251.7	23	1	0
Apr-11	19,943,782	330.4	0	255.1	19	1	0
May-11	19,207,801	126.4	17.4	257.5	21	1	0
Jun-11	19,760,832	27	39.6	258.8	22	0	0
Jul-11	25,169,327	0	160.9	261.3	20	0	0
Aug-11	22,460,865	1.5	82.9	263.6	22	0	0
Sep-11	19,343,184	71.9	29	264.8	21	0	1
Oct-11	19,754,697	234.6	0	260.3	20	0	1
Nov-11	20,484,671	347.9	0	254.2	22	0	1
Dec-11	24,136,908	548.4	0	252.5	20	0	0
Jan-12	24,503,624	644.8	0	250.9	21	0	0
Feb-12	21,864,892	553	0	248.9	20	0	0
Mar-12	20,378,099	331.1	2.2	246.3	22	1	0
Apr-12	18,775,060	334.6	0	252	19	1	0
May-12	18,685,879	87.2	28.5	258.5	22	1	0
Jun-12	20,735,990	28.2	81.7	263.4	21	0	0
Jul-12	24,756,579	0	161	267	21	0	0
Aug-12	21,905,862	7.8	79.6	269.3	22	0	0
Sep-12	18,885,815	103.4	27.7	267.2	19	0	1
Oct-12	19,665,509	250.5	0.7	261.4	22	0	1
Nov-12	21,360,468	420.4	0	256.3	22	0	1
Dec-12	23,911,473	535.9	0	254.9	19	0	0
Jan-13	24,740,827	657.4	0	253.9	22	0	0
Feb-13	22,536,632	657	0	249.1	19	0	0
Mar-13	22,952,454	581.9	0	247.6	20	1	0
Apr-13	20,061,176	362.2	0	248.1	21	1	0
May-13	18,868,716	122.2	27	255.6	22	1	0

Jun-13	20,142,171	41.1	52.7	263	20	0	0
Jul-13	24,441,288	7.1	108.8	267.4	22	0	0
Aug-13	21,856,232	18.4	57.5	266.5	21	0	0
Sep-13	19,627,599	94.9	26	263.1	20	0	1
Oct-13	20,952,919	184	2.6	259.4	22	0	1
Nov-13	23,000,874	492.1	0	259.1	21	0	1
Dec-13	26,249,066	675.7	0	257.9	20	0	0

trend		Const	LondonHDI	LondonCDI	LONFTE	PeakDays	Shoulder1	Fall
1		1935533	8852095	0	12299381	4300543	0	0
1		1935533	7427909	0	12294701	4300543	0	0
1		1935533	7360579	0	12285341	4515570	-920536	0
1		1935533	3541066	0	12388304	4515570	-920536	0
1		1935533	2265233	0	12509987	4515570	-920536	0
1		1935533	130094	5464528	12748674	4730597	0	0
1		1935533	17117.63	6204563	12987360	4300543	0	0
1		1935533	51352.88	4796691	13113724	4730597	0	0
1		1935533	348058.4	1565806	12912478	4515570	0	-746256
1		1935533	2605303	392579.6	12580189	4300543	0	-746256
1		1935533	4481395	0	12308741	4730597	0	-746256
1		1935533	8014473	0	12261940	4300543	0	0
2		1935533	6330098	0	12168337	4515570	0	0
2		1935533	6953180	0	12046654	4300543	0	0
2		1935533	6227393	0	11981132	4945625	-920536	0
2		1935533	3264902	0	12201098	3870489	-920536	0
2		1935533	1733445	1033342	12509987	4730597	-920536	0
2		1935533	304693.8	2003510	12669111	4730597	0	0
2		1935533	37658.78	6033091	12758034	4300543	0	0
2		1935533	60482.28	3077463	12790795	4730597	0	0
2		1935533	1124057	225620.5	12767394	4300543	0	-746256
2		1935533	3513678	31586.87	12673792	4515570	0	-746256
2		1935533	4375265	0	12500627	4730597	0	-746256
2		1935533	5841675	0	12528707	4085516	0	0
3		1935533	7481544	0	12322782	4730597	0	0
3		1935533	8658096	0	12224499	4300543	0	0
3		1935533	6013993	0	12060695	4730597	-920536	0
3		1935533	4234901	0	12196418	4085516	-920536	0
3		1935533	1505210	1024317	12392984	4730597	-920536	0
3		1935533	264752.6	3167711	12561468	4515570	0	0
3		1935533	128952.8	3230885	12921838	4515570	0	0
3		1935533	131235.1	4020557	13029481	4730597	0	0
3		1935533	696116.8	1579343	13160525	4085516	0	-746256
3		1935533	1710621	970168	12996720	4730597	0	-746256
3		1935533	5348688	0	12781434	4730597	0	-746256
3		1935533	7497520	0	12715913	4085516	0	0
4		1935533	7292109	0	12594229	4730597	0	0
4		1935533	7902638	0	12608270	4300543	0	0
4		1935533	7158591	0	12500627	4085516	-920536	0
4		1935533	3024114	0	12481906	4730597	-920536	0
4		1935533	2382774	94760.6	12509987	4515570	-920536	0
4		1935533	275023.2	2996240	12701872	4515570	0	0
4		1935533	45647	4377037	12945239	4730597	0	0
4		1935533	141505.7	2400602	13202646	4300543	0	0
4		1935533	647046.3	965655.6	12987360	4515570	0	-746256
4		1935533	3272890	0	12762714	4730597	0	-746256
4		1935533	5344123	0	12313422	4300543	0	-746256
4		1935533	7657285	0	12140257	4515570	0	0
5		1935533	9695424	0	11873489	4515570	0	0
5		1935533	6991980	0	11648843	4085516	0	0

5	1935533	6085887	0	11494399	4730597	-920536	0
5	1935533	3503408	144397.1	11447598	4300543	-920536	0
5	1935533	1790504	139884.7	11602042	4300543	-920536	0
5	1935533	567164	1601905	11803287	4730597	0	0
5	1935533	230517.4	1326648	11981132	4730597	0	0
5	1935533	204270.3	3244422	12032614	4300543	0	0
5	1935533	812516.7	717473.1	11892210	4515570	0	-746256
5	1935533	3437219	0	11733085	4515570	0	-746256
5	1935533	4070572	0	11625442	4515570	0	-746256
5	1935533	7272709	0	11690964	4515570	0	0
6	1935533	8365955	0	11550560	4300543	0	0
6	1935533	7228203	0	11485039	4085516	0	0
6	1935533	5137570	0	11358675	4945625	-920536	0
6	1935533	2697738	0	11620762	4300543	-920536	0
6	1935533	1381963	1574831	11864129	4300543	-920536	0
6	1935533	269317.3	2594635	12168337	4730597	0	0
6	1935533	63905.81	5852595	12247900	4515570	0	0
6	1935533	68470.51	5491602	12140257	4515570	0	0
6	1935533	1003093	1087491	11864129	4515570	0	-746256
6	1935533	2733114	0	11620762	4300543	0	-746256
6	1935533	4719900	0	11686284	4730597	0	-746256
6	1935533	8142284	0	11770526	4515570	0	0
7	1935533	9115707	0	11775207	4300543	0	0
7	1935533	7734885	0	11728405	4085516	0	0
7	1935533	6842486	0	11779887	4945625	-920536	0
7	1935533	3770443	0	11939011	4085516	-920536	0
7	1935533	1442445	785159.2	12051334	4515570	-920536	0
7	1935533	308117.3	1786914	12112176	4730597	0	0
7	1935533	0	7260467	12229179	4300543	0	0
7	1935533	17117.63	3740787	12336822	4730597	0	0
7	1935533	820504.9	1308599	12392984	4515570	0	-746256
7	1935533	2677197	0	12182378	4300543	0	-746256
7	1935533	3970148	0	11896890	4730597	0	-746256
7	1935533	6258204	0	11817328	4300543	0	0
8	1935533	7358297	0	11742446	4515570	0	0
8	1935533	6310698	0	11648843	4300543	0	0
8	1935533	3778431	99273.01	11527160	4730597	-920536	0
8	1935533	3818372	0	11793927	4085516	-920536	0
8	1935533	995104.7	1286037	12098136	4730597	-920536	0
8	1935533	321811.4	3686638	12327462	4515570	0	0
8	1935533	0	7264979	12495947	4515570	0	0
8	1935533	89011.66	3591878	12603590	4730597	0	0
8	1935533	1179975	1249937	12505307	4085516	0	-746256
8	1935533	2858644	31586.87	12233859	4730597	0	-746256
8	1935533	4797500	0	11995173	4730597	0	-746256
8	1935533	6115557	0	11929651	4085516	0	0
9	1935533	7502085	0	11882850	4730597	0	0
9	1935533	7497520	0	11658203	4085516	0	0
9	1935533	6640498	0	11588001	4300543	-920536	0
9	1935533	4133336	0	11611402	4515570	-920536	0
9	1935533	1394516	1218351	11962412	4730597	-920536	0

9	1935533	469023	2378040	12308741	4300543	0	0
9	1935533	81023.43	4909501	12514667	4730597	0	0
9	1935533	209976.2	2594635	12472546	4515570	0	0
9	1935533	1082975	1173226	12313422	4300543	0	-746256
9	1935533	2099762	117322.6	12140257	4730597	0	-746256
9	1935533	5615723	0	12126216	4515570	0	-746256
9	1935533	7710920	0	12070055	4300543	0	0

trend	Predicted Value
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-107848	27279704
-107848	25850838
-107848	25068639
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-107848	20197938
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-215697	24733843
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-323545	26795126
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-431394	25817252
-539242	27480775
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-539242 22786638  
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-539242 18308728  
-539242 20099245  
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-970636 19350237

-970636 20421245  
-970636 23200687  
-970636 20757625  
-970636 19088808  
-970636 19306581  
-970636 22476151  
-970636 25046416

Date	NSLS	LondonHDD	LondonCDD	LONFTE	PeakDays	Spring	Fall
Jan-05	28,622,997	775.7	0	262.8	20	0	0
Feb-05	24,248,152	650.9	0	262.7	20	0	0
Mar-05	25,340,651	645	0	262.5	21	1	0
Apr-05	20,286,649	310.3	0	264.7	21	1	0
May-05	19,819,607	198.5	0	267.3	21	1	0
Jun-05	24,239,635	11.4	121.1	272.4	22	0	0
Jul-05	25,395,312	1.5	137.5	277.5	20	0	0
Aug-05	24,070,887	4.5	106.3	280.2	22	0	0
Sep-05	20,477,242	30.5	34.7	275.9	21	0	1
Oct-05	20,828,691	228.3	8.7	268.8	20	0	1
Nov-05	22,508,551	392.7	0	263	22	0	1
Dec-05	27,451,290	702.3	0	262	20	0	0
Jan-06	25,519,572	554.7	0	260	21	0	0
Feb-06	23,636,617	609.3	0	257.4	20	0	0
Mar-06	24,126,651	545.7	0	256	23	1	0
Apr-06	19,562,804	286.1	0	260.7	18	1	0
May-06	19,991,986	151.9	22.9	267.3	22	1	0
Jun-06	20,889,575	26.7	44.4	270.7	22	0	0
Jul-06	24,737,970	3.3	133.7	272.6	20	0	0
Aug-06	22,593,666	5.3	68.2	273.3	22	0	0
Sep-06	19,182,041	98.5	5	272.8	20	0	1
Oct-06	21,407,418	307.9	0.7	270.8	21	0	1
Nov-06	22,027,562	383.4	0	267.1	22	0	1
Dec-06	25,361,774	511.9	0	267.7	19	0	0
Jan-07	25,989,298	655.6	0	263.3	22	0	0
Feb-07	25,405,002	758.7	0	261.2	20	0	0
Mar-07	24,292,353	527	0	257.7	22	1	0
Apr-07	21,175,397	371.1	0	260.6	19	1	0
May-07	19,844,242	131.9	22.7	264.8	22	1	0
Jun-07	22,507,118	23.2	70.2	268.4	21	0	0
Jul-07	22,641,027	11.3	71.6	276.1	21	0	0
Aug-07	23,733,181	11.5	89.1	278.4	22	0	0
Sep-07	20,748,753	61	35	281.2	19	0	1
Oct-07	21,043,162	149.9	21.5	277.7	22	0	1
Nov-07	23,066,783	468.7	0	273.1	22	0	1
Dec-07	27,007,514	657	0	271.7	19	0	0
Jan-08	26,898,401	639	0	269.1	22	0	0
Feb-08	25,491,713	692.5	0	269.4	20	0	0
Mar-08	25,384,509	627.3	0	267.1	19	1	0
Apr-08	20,527,641	265	0	266.7	22	1	0
May-08	19,827,797	208.8	2.1	267.3	21	1	0
Jun-08	21,414,260	24.1	66.4	271.4	21	0	0
Jul-08	23,762,525	4	97	276.6	22	0	0
Aug-08	22,118,269	12.4	53.2	282.1	20	0	0
Sep-08	20,204,472	56.7	21.4	277.5	21	0	1
Oct-08	21,060,691	286.8	0	272.7	22	0	1
Nov-08	23,006,111	468.3	0	263.1	20	0	1
Dec-08	27,318,718	671	0	259.4	21	0	0
Jan-09	28,195,935	849.6	0	253.7	21	0	0
Feb-09	23,533,243	612.7	0	248.9	19	0	0

Mar-09	23,805,161	533.3	0	245.6	22	1	0
Apr-09	21,691,888	307	3.2	244.6	20	1	0
May-09	19,644,741	156.9	3.1	247.9	20	1	0
Jun-09	19,976,014	49.7	35.5	252.2	22	0	0
Jul-09	20,346,937	20.2	29.4	256	22	0	0
Aug-09	22,334,127	17.9	71.9	257.1	20	0	0
Sep-09	19,258,864	71.2	15.9	254.1	21	0	1
Oct-09	20,756,343	301.2	0	250.7	21	0	1
Nov-09	21,120,715	356.7	0	248.4	21	0	1
Dec-09	25,946,111	637.3	0	249.8	21	0	0
Jan-10	26,142,074	733.1	0	246.8	20	0	0
Feb-10	22,846,232	633.4	0	245.4	19	0	0
Mar-10	21,856,744	450.2	0	242.7	23	1	0
Apr-10	18,311,021	236.4	0	248.3	20	1	0
May-10	19,813,334	121.1	34.9	253.5	20	1	0
Jun-10	20,211,623	23.6	57.5	260	22	0	0
Jul-10	24,129,649	5.6	129.7	261.7	21	0	0
Aug-10	23,362,004	6	121.7	259.4	21	0	0
Sep-10	18,923,455	87.9	24.1	253.5	21	0	1
Oct-10	19,435,091	239.5	0	248.3	20	0	1
Nov-10	21,055,944	413.6	0	249.7	22	0	1
Dec-10	25,379,014	713.5	0	251.5	21	0	0
Jan-11	25,968,288	798.8	0	251.6	20	0	0
Feb-11	22,895,626	677.8	0	250.6	19	0	0
Mar-11	23,442,172	599.6	0	251.7	23	1	0
Apr-11	19,943,782	330.4	0	255.1	19	1	0
May-11	19,207,801	126.4	17.4	257.5	21	1	0
Jun-11	19,760,832	27	39.6	258.8	22	0	0
Jul-11	25,169,327	0	160.9	261.3	20	0	0
Aug-11	22,460,865	1.5	82.9	263.6	22	0	0
Sep-11	19,343,184	71.9	29	264.8	21	0	1
Oct-11	19,754,697	234.6	0	260.3	20	0	1
Nov-11	20,484,671	347.9	0	254.2	22	0	1
Dec-11	24,136,908	548.4	0	252.5	20	0	0
Jan-12	24,503,624	644.8	0	250.9	21	0	0
Feb-12	21,864,892	553	0	248.9	20	0	0
Mar-12	20,378,099	331.1	2.2	246.3	22	1	0
Apr-12	18,775,060	334.6	0	252	19	1	0
May-12	18,685,879	87.2	28.5	258.5	22	1	0
Jun-12	20,735,990	28.2	81.7	263.4	21	0	0
Jul-12	24,756,579	0	161	267	21	0	0
Aug-12	21,905,862	7.8	79.6	269.3	22	0	0
Sep-12	18,885,815	103.4	27.7	267.2	19	0	1
Oct-12	19,665,509	250.5	0.7	261.4	22	0	1
Nov-12	21,360,468	420.4	0	256.3	22	0	1
Dec-12	23,911,473	535.9	0	254.9	19	0	0
Jan-13	24,740,827	657.4	0	253.9	22	0	0
Feb-13	22,536,632	657	0	249.1	19	0	0
Mar-13	22,952,454	581.9	0	247.6	20	1	0
Apr-13	20,061,176	362.2	0	248.1	21	1	0
May-13	18,868,716	122.2	27	255.6	22	1	0

Jun-13	20,142,171	41.1	52.7	263	20	0	0
Jul-13	24,441,288	7.1	108.8	267.4	22	0	0
Aug-13	21,856,232	18.4	57.5	266.5	21	0	0
Sep-13	19,627,599	94.9	26	263.1	20	0	1
Oct-13	20,952,919	184	2.6	259.4	22	0	1
Nov-13	23,000,874	492.1	0	259.1	21	0	1
Dec-13	26,249,066	675.7	0	257.9	20	0	0

trend	MonthDays	Const	LondonHDI	LondonCDI	LONFTE	PeakDays	Shoulder1
1	31	-1.2E+07	8579097	0	8484908	970437	0
1	28	-1.2E+07	7198832	0	8481679	970437	0
1	31	-1.2E+07	7133579	0	8475222	1018959	-1331507
1	30	-1.2E+07	3431860	0	8546252	1018959	-1331507
1	31	-1.2E+07	2195373	0	8630197	1018959	-1331507
1	30	-1.2E+07	126081.9	5000515	8794859	1067481	0
1	31	-1.2E+07	16589.72	5677711	8959520	970437	0
1	31	-1.2E+07	49769.16	4389387	9046694	1067481	0
1	30	-1.2E+07	337324.3	1432848	8907862	1018959	0
1	31	-1.2E+07	2524955	359244.3	8678627	970437	0
1	30	-1.2E+07	4343189	0	8491365	1067481	0
1	31	-1.2E+07	7767307	0	8459078	970437	0
2	31	-1.2E+07	6134878	0	8394505	1018959	0
2	28	-1.2E+07	6738744	0	8310560	970437	0
2	31	-1.2E+07	6035340	0	8265359	1116003	-1331507
2	30	-1.2E+07	3164213	0	8417106	873393.3	-1331507
2	31	-1.2E+07	1679986	945597	8630197	1067481	-1331507
2	30	-1.2E+07	295297	1833385	8739972	1067481	0
2	31	-1.2E+07	36497.38	5520800	8801316	970437	0
2	31	-1.2E+07	58617.01	2816145	8823917	1067481	0
2	30	-1.2E+07	1089392	206462.2	8807773	970437	0
2	31	-1.2E+07	3405316	28904.71	8743200	1018959	0
2	30	-1.2E+07	4240332	0	8623740	1067481	0
2	31	-1.2E+07	5661518	0	8643112	921915.2	0
3	31	-1.2E+07	7250814	0	8501051	1067481	0
3	28	-1.2E+07	8391080	0	8433249	970437	0
3	31	-1.2E+07	5828522	0	8320246	1067481	-1331507
3	30	-1.2E+07	4104297	0	8413877	921915.2	-1331507
3	31	-1.2E+07	1458789	937338.5	8549481	1067481	-1331507
3	30	-1.2E+07	256587.7	2898730	8665712	1018959	0
3	31	-1.2E+07	124975.9	2956539	8914319	1018959	0
3	31	-1.2E+07	127187.9	3679157	8988578	1067481	0
3	30	-1.2E+07	674648.6	1445236	9078980	921915.2	0
3	31	-1.2E+07	1657866	887787.6	8965977	1067481	0
3	30	-1.2E+07	5183734	0	8817459	1067481	0
3	31	-1.2E+07	7266297	0	8772258	921915.2	0
4	31	-1.2E+07	7067221	0	8688313	1067481	0
4	29	-1.2E+07	7658921	0	8697999	970437	0
4	31	-1.2E+07	6937821	0	8623740	921915.2	-1331507
4	30	-1.2E+07	2930850	0	8610825	1067481	-1331507
4	31	-1.2E+07	2309289	86714.13	8630197	1018959	-1331507
4	30	-1.2E+07	266541.5	2741818	8762572	1018959	0
4	31	-1.2E+07	44239.25	4005367	8930462	1067481	0
4	31	-1.2E+07	137141.7	2196758	9108038	970437	0
4	30	-1.2E+07	627091.4	883658.3	8959520	1018959	0
4	31	-1.2E+07	3171954	0	8804545	1067481	0
4	30	-1.2E+07	5179311	0	8494594	970437	0
4	31	-1.2E+07	7421135	0	8375133	1018959	0
5	31	-1.2E+07	9396417	0	8191100	1018959	0
5	28	-1.2E+07	6776348	0	8036125	921915.2	0

5	31	-1.2E+07	5898198	0	7929579	1067481	-1331507
5	30	-1.2E+07	3395363	132135.8	7897292	970437	-1331507
5	31	-1.2E+07	1735285	128006.6	8003838	970437	-1331507
5	30	-1.2E+07	549672.7	1465882	8142670	1067481	0
5	31	-1.2E+07	223408.2	1213998	8265359	1067481	0
5	31	-1.2E+07	197970.7	2968927	8300874	970437	0
5	30	-1.2E+07	787458.7	656549.9	8204015	1018959	0
5	31	-1.2E+07	3331216	0	8094240	1018959	0
5	30	-1.2E+07	3945035	0	8019981	1018959	0
5	31	-1.2E+07	7048419	0	8065182	1018959	0
6	31	-1.2E+07	8107949	0	7968323	970437	0
6	28	-1.2E+07	7005286	0	7923122	921915.2	0
6	31	-1.2E+07	4979128	0	7835948	1116003	-1331507
6	30	-1.2E+07	2614540	0	8016753	970437	-1331507
6	31	-1.2E+07	1339343	1441106	8184643	970437	-1331507
6	30	-1.2E+07	261011.6	2374316	8394505	1067481	0
6	31	-1.2E+07	61934.95	5355630	8449393	1018959	0
6	31	-1.2E+07	66358.88	5025291	8375133	1018959	0
6	30	-1.2E+07	972157.6	995147.9	8184643	1018959	0
6	31	-1.2E+07	2648825	0	8016753	970437	0
6	30	-1.2E+07	4574339	0	8061954	1067481	0
6	31	-1.2E+07	7891177	0	8120070	1018959	0
7	31	-1.2E+07	8834579	0	8123298	970437	0
7	28	-1.2E+07	7496341	0	8091012	921915.2	0
7	31	-1.2E+07	6631464	0	8126527	1116003	-1331507
7	30	-1.2E+07	3654162	0	8236301	921915.2	-1331507
7	31	-1.2E+07	1397960	718488.5	8313789	1018959	-1331507
7	30	-1.2E+07	298615	1635181	8355762	1067481	0
7	31	-1.2E+07	0	6643954	8436478	970437	0
7	31	-1.2E+07	16589.72	3423144	8510737	1067481	0
7	30	-1.2E+07	795200.6	1197481	8549481	1018959	0
7	31	-1.2E+07	2594632	0	8404191	970437	0
7	30	-1.2E+07	3847709	0	8207243	1067481	0
7	31	-1.2E+07	6065202	0	8152356	970437	0
8	31	-1.2E+07	7131368	0	8100698	1018959	0
8	29	-1.2E+07	6116077	0	8036125	970437	0
8	31	-1.2E+07	3661904	90843.38	7952180	1067481	-1331507
8	30	-1.2E+07	3700613	0	8136213	921915.2	-1331507
8	31	-1.2E+07	964415.7	1176835	8346076	1067481	-1331507
8	30	-1.2E+07	311886.7	3373593	8504280	1018959	0
8	31	-1.2E+07	0	6648084	8620511	1018959	0
8	31	-1.2E+07	86266.54	3286879	8694770	1067481	0
8	30	-1.2E+07	1143585	1143801	8626969	921915.2	0
8	31	-1.2E+07	2770483	28904.71	8439707	1067481	0
8	30	-1.2E+07	4649545	0	8275045	1067481	0
8	31	-1.2E+07	5926954	0	8229844	921915.2	0
9	31	-1.2E+07	7270721	0	8197557	1067481	0
9	28	-1.2E+07	7266297	0	8042582	921915.2	0
9	31	-1.2E+07	6435705	0	7994152	970437	-1331507
9	30	-1.2E+07	4005864	0	8010295	1018959	-1331507
9	31	-1.2E+07	1351509	1114896	8252445	1067481	-1331507

9	30	-1.2E+07	454558.3	2176112	8491365	970437	0
9	31	-1.2E+07	78524.67	4492618	8633426	1067481	0
9	31	-1.2E+07	203500.6	2374316	8604368	1018959	0
9	30	-1.2E+07	1049576	1073604	8494594	970437	0
9	31	-1.2E+07	2035006	107360.4	8375133	1067481	0
9	30	-1.2E+07	5442534	0	8365447	1018959	0
9	31	-1.2E+07	7473116	0	8326704	970437	0

Fall	trend	MonthDay	Predicted Value
	0	-138937 22370239	27981031
	0	-138937 20205377	24432676
	0	-138937 22370239	25242842
	0	-138937 21648619	20890532
	0	-138937 22370239	20459611
	0	-138937 21648619	24213905
	0	-138937 22370239	25570847
	0	-138937 22370239	24499920
-816675	-138937	21648619	20105286
-816675	-138937	22370239	21663178
-816675	-138937	21648619	22310328
	0	-138937 22370239	27143411
	0	-277874 22370239	25355995
	0	-277874 20205377	23662532
	0	-277874 22370239	23892846
	0	-277874 21648619	20209236
	0	-277874 22370239	20799405
	0	-277874 21648619	21022165
	0	-277874 22370239	25136702
	0	-277874 22370239	22573811
-816675	-277874	21648619	19343420
-816675	-277874	22370239	22187357
-816675	-277874	21648619	22200909
	0	-277874 22370239	25034197
	0	-416812 22370239	26488060
	0	-416812 20205377	25298619
	0	-416812 22370239	23553456
	0	-416812 21648619	21055676
	0	-416812 22370239	20350297
	0	-416812 21648619	21787083
	0	-416812 22370239	22683508
	0	-416812 22370239	23531118
-816675	-416812	21648619	20251199
-816675	-416812	22370239	21431151
-816675	-416812	21648619	23199094
	0	-416812 22370239	26629185
	0	-555749 22370239	26352792
	0	-555749 20926998	25413893
	0	-555749 22370239	24681746
	0	-555749 21648619	20085806
	0	-555749 22370239	20243429
	0	-555749 21648619	21598048
	0	-555749 22370239	23577327
	0	-555749 22370239	21942153
-816675	-555749	21648619	19480711
-816675	-555749	22370239	21757082
-816675	-555749	21648619	22635823
	0	-555749 22370239	26345004
	0	-694686 22370239	27997317
	0	-694686 20205377	22960366

0	-694686	22370239	22954591
0	-694686	21648619	19732940
0	-694686	22370239	18896899
0	-694686	21648619	19894925
0	-694686	22370239	20161086
0	-694686	22370239	21829049
-816675	-694686	21648619	18519527
-816675	-694686	22370239	21018580
-816675	-694686	21648619	20836520
0	-694686	22370239	25523401
0	-833623	22370239	26298612
0	-833623	20205377	22937364
0	-833623	22370239	21851474
0	-833623	21648619	18800505
0	-833623	22370239	19855925
0	-833623	21648619	20627596
0	-833623	22370239	24137820
0	-833623	22370239	23737645
-816675	-833623	21648619	18884515
-816675	-833623	22370239	20071243
-816675	-833623	21648619	21417381
0	-833623	22370239	26282108
0	-972560	22370239	27041280
0	-972560	20205377	23457372
0	-972560	22370239	23655452
0	-972560	21648619	19872217
0	-972560	22370239	19230655
0	-972560	21648619	19748383
0	-972560	22370239	25163835
0	-972560	22370239	22130917
-816675	-972560	21648619	19135792
-816675	-972560	22370239	20265551
-816675	-972560	21648619	20697103
0	-972560	22370239	24300961
0	-1111497	22370239	25225053
0	-1111497	20926998	22653426
0	-1111497	22370239	20414929
0	-1111497	21648619	19679642
0	-1111497	22370239	19197328
0	-1111497	21648619	21461126
0	-1111497	22370239	25261583
0	-1111497	22370239	22109425
-816675	-1111497	21648619	19272002
-816675	-1111497	22370239	20463929
-816675	-1111497	21648619	21427804
0	-1111497	22370239	24052742
0	-1250435	22370239	25370851
0	-1250435	20205377	22901024
0	-1250435	22370239	22903878
0	-1250435	21648619	19817082
0	-1250435	22370239	19289915

0	-1250435	21648619	20205943
0	-1250435	22370239	23107141
0	-1250435	22370239	21036235
-816675	-1250435	21648619	18885007
-816675	-1250435	22370239	19603397
-816675	-1250435	21648619	22123736
0	-1250435	22370239	25605348

Date	Station	LondonHDD	LondonCDD
Jan-94	London International Airport	913.7	0
Feb-94	London International Airport	747.1	0
Mar-94	London International Airport	599.9	0
Apr-94	London International Airport	326.2	2.4
May-94	London International Airport	225.2	6.6
Jun-94	London International Airport	44	62.4
Jul-94	London International Airport	7.1	88.7
Aug-94	London International Airport	29.7	33.5
Sep-94	London International Airport	91.7	16.6
Oct-94	London International Airport	246.1	0
Nov-94	London International Airport	381.3	0
Dec-94	London International Airport	564.8	0
Jan-95	London International Airport	659.3	0
Feb-95	London International Airport	716	0
Mar-95	London International Airport	519	0
Apr-95	London International Airport	407.5	0
May-95	London International Airport	156.3	2.4
Jun-95	London International Airport	20.9	85.2
Jul-95	London International Airport	13.1	116
Aug-95	London International Airport	1.9	118
Sep-95	London International Airport	127.6	14.1
Oct-95	London International Airport	229.6	0.9
Nov-95	London International Airport	523.2	0
Dec-95	London International Airport	725.6	0
Jan-96	London International Airport	774.7	0
Feb-96	London International Airport	686.9	0
Mar-96	London International Airport	663.1	0
Apr-96	London International Airport	398.3	0
May-96	London International Airport	202.3	14.3
Jun-96	London International Airport	20.9	45.8
Jul-96	London International Airport	14.3	52.8
Aug-96	London International Airport	3.7	56.8
Sep-96	London International Airport	86	18.3
Oct-96	London International Airport	264.7	0
Nov-96	London International Airport	524.3	0
Dec-96	London International Airport	590.2	0
Jan-97	London International Airport	751.1	0
Feb-97	London International Airport	596.9	0
Mar-97	London International Airport	561.5	0
Apr-97	London International Airport	388.2	0
May-97	London International Airport	283.5	0
Jun-97	London International Airport	30.1	57.4
Jul-97	London International Airport	13.9	74.7
Aug-97	London International Airport	30.4	29.7
Sep-97	London International Airport	86.8	8.4
Oct-97	London International Airport	270.7	5.2

Nov-97	London International Airport	488.3	0
Dec-97	London International Airport	605.6	0
Jan-98	London International Airport	613.7	0
Feb-98	London International Airport	515.5	0
Mar-98	London International Airport	505.5	1.8
Apr-98	London International Airport	300.6	0
May-98	London International Airport	59.6	25.6
Jun-98	London International Airport	61.8	81.8
Jul-98	London International Airport	0.1	81.1
Aug-98	London International Airport	7	100.4
Sep-98	London International Airport	46.4	45.4
Oct-98	London International Airport	230.7	0
Nov-98	London International Airport	401.5	0
Dec-98	London International Airport	541.4	0
Jan-99	London International Airport	769.8	0
Feb-99	London International Airport	550.3	0
Mar-99	London International Airport	588.1	0
Apr-99	London International Airport	300.6	0
May-99	London International Airport	104.9	13.2
Jun-99	London International Airport	39.5	85.2
Jul-99	London International Airport	2.2	155.6
Aug-99	London International Airport	13	44.1
Sep-99	London International Airport	66.7	36.7
Oct-99	London International Airport	286.8	0
Nov-99	London International Airport	379.5	0
Dec-99	London International Airport	598.7	0
Jan-00	London International Airport	745.9	0
Feb-00	London International Airport	611	0
Mar-00	London International Airport	421.6	0
Apr-00	London International Airport	338.3	0
May-00	London International Airport	138.1	18.8
Jun-00	London International Airport	30.6	46.9
Jul-00	London International Airport	15.7	52.8
Aug-00	London International Airport	22.5	61.1
Sep-00	London International Airport	119.7	32
Oct-00	London International Airport	222.2	0.8
Nov-00	London International Airport	449.3	0
Dec-00	London International Airport	814.7	0
Jan-01	London International Airport	712.4	0
Feb-01	London International Airport	601.7	0
Mar-01	London International Airport	569.2	0
Apr-01	London International Airport	297.7	0
May-01	London International Airport	126.5	4.1
Jun-01	London International Airport	38.5	62.5
Jul-01	London International Airport	16.8	84.3
Aug-01	London International Airport	0.6	111.4
Sep-01	London International Airport	101.6	19.3

Oct-01 London International Airport	248.4	0.5
Nov-01 London International Airport	331	0
Dec-01 London International Airport	544.2	0
Jan-02 London International Airport	597.6	0
Feb-02 London International Airport	560.1	0
Mar-02 London International Airport	549.4	0
Apr-02 London International Airport	330.9	5.6
May-02 London International Airport	252.4	6.2
Jun-02 London International Airport	37	72.9
Jul-02 London International Airport	0.7	149.9
Aug-02 London International Airport	3	97.1
Sep-02 London International Airport	36.3	65.1
Oct-02 London CS	314	6.9
Nov-02 London CS	454.9	0
Dec-02 London CS	663.3	0
Jan-03 London CS	824.1	0
Feb-03 London CS	713.3	0
Mar-03 London CS	595.7	0
Apr-03 London CS	370.6	1.5
May-03 London CS	184.6	0
Jun-03 London CS	47.9	34.1
Jul-03 London CS	2.9	75.2
Aug-03 London CS	7.6	93.6
Sep-03 London CS	76.2	15.7
Oct-03 London CS	292.7	0.5
Nov-03 London CS	388	0
Dec-03 London CS	585	0
Jan-04 London CS	853.6	0
Feb-04 London CS	657.2	0
Mar-04 London CS	498	0
Apr-04 London CS	325.7	0
May-04 London CS	154.7	11.2
Jun-04 London CS	54.5	27.3
Jul-04 London CS	7	69.9
Aug-04 London CS	31.9	38.1
Sep-04 London CS	52.5	24.7
Oct-04 London CS	233.7	0
Nov-04 London CS	399.6	0
Dec-04 London CS	656	0
Jan-05 London CS	775.7	0
Feb-05 London CS	650.9	0
Mar-05 London CS	645	0
Apr-05 London CS	310.3	0
May-05 London CS	198.5	0
Jun-05 London CS	11.4	121.1
Jul-05 London CS	1.5	137.5
Aug-05 London CS	4.5	106.3

Sep-05 London CS	30.5	34.7
Oct-05 London CS	228.3	8.7
Nov-05 London CS	392.7	0
Dec-05 London CS	702.3	0
Jan-06 London CS	554.7	0
Feb-06 London CS	609.3	0
Mar-06 London CS	545.7	0
Apr-06 London CS	286.1	0
May-06 London CS	151.9	22.9
Jun-06 London CS	26.7	44.4
Jul-06 London CS	3.3	133.7
Aug-06 London CS	5.3	68.2
Sep-06 London CS	98.5	5
Oct-06 London CS	307.9	0.7
Nov-06 London CS	383.4	0
Dec-06 London CS	511.9	0
Jan-07 London CS	655.6	0
Feb-07 London CS	758.7	0
Mar-07 London CS	527	0
Apr-07 London CS	371.1	0
May-07 London CS	131.9	22.7
Jun-07 London CS	23.2	70.2
Jul-07 London CS	11.3	71.6
Aug-07 London CS	11.5	89.1
Sep-07 London CS	61	35
Oct-07 London CS	149.9	21.5
Nov-07 London CS	468.7	0
Dec-07 London CS	657	0
Jan-08 London CS	639	0
Feb-08 London CS	692.5	0
Mar-08 London CS	627.3	0
Apr-08 London CS	265	0
May-08 London CS	208.8	2.1
Jun-08 London CS	24.1	66.4
Jul-08 London CS	4	97
Aug-08 London CS	12.4	53.2
Sep-08 London CS	56.7	21.4
Oct-08 London CS	286.8	0
Nov-08 London CS	468.3	0
Dec-08 London CS	671	0
Jan-09 London CS	849.6	0
Feb-09 London CS	612.7	0
Mar-09 London CS	533.3	0
Apr-09 London CS	307	3.2
May-09 London CS	156.9	3.1
Jun-09 London CS	49.7	35.5
Jul-09 London CS	20.2	29.4

Aug-09 London CS	17.9	71.9
Sep-09 London CS	71.2	15.9
Oct-09 London CS	301.2	0
Nov-09 London CS	356.7	0
Dec-09 London CS	637.3	0
Jan-10 London CS	733.1	0
Feb-10 London CS	633.4	0
Mar-10 London CS	450.2	0
Apr-10 London CS	236.4	0
May-10 London CS	121.1	34.9
Jun-10 London CS	23.6	57.5
Jul-10 London CS	5.6	129.7
Aug-10 London CS	6	121.7
Sep-10 London CS	87.9	24.1
Oct-10 London CS	239.5	0
Nov-10 London CS	413.6	0
Dec-10 London CS	713.5	0
Jan-11 London CS	798.8	0
Feb-11 London CS	677.8	0
Mar-11 London CS	599.6	0
Apr-11 London CS	330.4	0
May-11 London CS	126.4	17.4
Jun-11 London CS	27	39.6
Jul-11 London CS	0	160.9
Aug-11 London CS	1.5	82.9
Sep-11 London CS	71.9	29
Oct-11 London CS	234.6	0
Nov-11 London CS	347.9	0
Dec-11 London CS	548.4	0
Jan-12 London CS	644.8	0
Feb-12 London CS	553	0
Mar-12 London CS	331.1	2.2
Apr-12 London CS	334.6	0
May-12 London CS	87.2	28.5
Jun-12 London CS	28.2	81.7
Jul-12 London CS	0	161
Aug-12 London CS	7.8	79.6
Sep-12 London CS	103.4	27.7
Oct-12 London CS	250.5	0.7
Nov-12 London CS	420.4	0
Dec-12 London CS	535.9	0
Jan-13 London CS	657.4	0
Feb-13 London CS	657	0
Mar-13 London CS	581.9	0
Apr-13 London CS	362.2	0
May-13 London CS	122.2	27
Jun-13 London CS	41.1	52.7

Jul-13 London CS	7.1	108.8
Aug-13 London CS	18.4	57.5
Sep-13 London CS	94.9	26
Oct-13 London CS	184	2.6
Nov-13 London CS	492.1	0
Dec-13 London CS	675.7	0

10-year average		
January	716.23	0
February	650.25	0
March	533.91	0.22
April	312.88	0.32
May	145.96	16.98
June	30.95	59.64
July	6	109.95
August	11.72	76.85
September	72.85	24.35
October	241.64	3.42
November	414.34	0
December	630.9	0

20-year average		
January	726.23	0
February	640.065	0
March	545.605	0.2
April	329.385	0.635
May	159.65	13.05
June	34.035	61.53
July	7.34	101.53
August	11.83	75.71
September	78.375	25.755
October	251.115	2.45
November	423.235	0
December	627.125	0

# GS > 50

Year	Actual kW	kW/kWh	Normalized	% Change
2005	964,785	0.00236	948,690	
2006	985,468	0.00245	966,527	1.9%
2007	996,918	0.00251	991,407	2.6%
2008	981,947	0.00258	1,017,481	2.6%
2009	938,301	0.00275	1,003,652	-1.4%
2010	922,410	0.00256	916,637	-8.7%
2011	948,363	0.00256	921,051	0.5%
2012	959,778	0.00259	931,015	1.1%
2013	935,277	0.00261	940,577	1.0%
2014			941,800	0.1%
2015			944,066	0.2%

# Large Use

Year	Actual kW	kW/kWh	Normalized	% Change
2005				
2006				
2007				
2008				
2009				
2010				
2011	3,992	0.00162	3,877	
2012	31,447	0.00167	30,505	
2013	34,026	0.00155	34,219	12.2%
2014			34,263	0.1%
2015			34,346	0.2%

# GS > 50

Year	Actual kW	kW/kWh	Normalized	% Change
2005	964,785	0.00236	946,385	
2006	985,468	0.00245	964,516	1.9%
2007	996,918	0.00251	990,981	2.7%
2008	981,947	0.00258	1,018,507	2.8%
2009	938,301	0.00275	1,002,205	-1.6%
2010	922,410	0.00256	916,160	-8.6%
2011	948,363	0.00256	921,619	0.6%
2012	959,778	0.00259	932,445	1.2%
2013	935,277	0.00261	943,216	1.2%
2014			945,714	0.3%
2015			949,307	0.4%

# Large Use

Year	Actual kW	kW/kWh	Normalized	% Change
2005				
2006				
2007				
2008				
2009				
2010				
2011	3,992	0.00162	3,879	
2012	31,447	0.00167	30,551	
2013	34,026	0.00155	34,315	12.3%
2014			34,406	0.3%
2015			34,536	0.4%

	IESO Billed Purchases	FIT/MicroFIT Gen		Total		Total Interval Purchases	Remaining Interval		Streetlight Customers	NLSL	Check (\$/B 0)
		(start 09/08)	Net Load Transfers	Purchases	Purchases		Large Use (RBC)	Customers			
Jan-05	59,519,040			5,337	59,524,377	30,522,849	-	30,522,849	378,531	28,622,997	-
Feb-05	53,401,240			5,337	53,406,577	28,845,458	-	28,845,458	312,967	24,248,152	-
Mar-05	56,026,000			5,337	56,031,337	30,382,965	-	30,382,965	307,720	25,340,651	-
Apr-05	50,073,520			5,337	50,078,857	29,533,488	-	29,533,488	258,719	20,286,649	-
May-05	50,162,960			5,337	50,168,297	30,116,567	-	30,116,567	232,122	19,819,607	-
Jun-05	56,597,760			5,337	56,603,097	32,152,412	-	32,152,412	211,050	24,239,635	-
Jul-05	53,676,610			5,337	53,681,947	28,062,206	-	28,062,206	224,429	25,395,312	-
Aug-05	57,518,680			5,337	57,524,017	33,198,367	-	33,198,367	254,763	24,070,887	-
Sep-05	52,250,000			5,337	52,255,337	31,494,400	-	31,494,400	283,694	20,477,242	-
Oct-05	52,711,210			5,337	52,716,547	31,554,059	-	31,554,059	333,796	20,828,691	-
Nov-05	53,362,010			5,337	53,367,347	30,501,266	-	30,501,266	357,529	22,508,551	-
Dec-05	54,760,170			5,337	54,765,507	26,925,328	-	26,925,328	388,889	27,451,290	-
Jan-06	56,528,710			3,356	56,532,066	30,633,701	-	30,633,701	378,793	25,519,572	-
Feb-06	52,548,160			3,356	52,551,516	28,601,840	-	28,601,840	313,059	23,636,617	-
Mar-06	56,081,470			3,356	56,084,826	31,650,392	-	31,650,392	307,783	24,126,651	-
Apr-06	48,548,560			3,356	48,551,916	28,730,355	-	28,730,355	258,758	19,562,804	-
May-06	51,563,020			3,356	51,566,376	31,335,710	-	31,335,710	238,680	19,991,986	-
Jun-06	52,813,920			3,356	52,817,276	31,710,719	-	31,710,719	216,982	20,889,575	-
Jul-06	54,008,040			3,356	54,011,396	29,042,657	-	29,042,657	230,769	24,737,970	-
Aug-06	55,895,490			3,356	55,898,846	33,043,220	-	33,043,220	261,960	22,593,666	-
Sep-06	49,554,320			3,356	49,557,676	30,083,831	-	30,083,831	291,803	19,182,041	-
Oct-06	52,532,530			3,356	52,535,886	30,785,112	-	30,785,112	343,356	21,407,418	-
Nov-06	53,385,930			3,356	53,389,286	30,993,763	-	30,993,763	367,961	22,027,562	-
Dec-06	51,983,540			3,356	51,986,896	26,224,529	-	26,224,529	400,594	25,361,774	-
Jan-07	57,509,800			10,506	57,520,306	31,139,393	-	31,139,393	391,615	25,989,298	-
Feb-07	54,145,660			10,506	54,156,166	28,427,386	-	28,427,386	323,778	25,405,002	-
Mar-07	55,839,344			10,506	55,849,850	31,239,176	-	31,239,176	318,321	24,292,353	-
Apr-07	49,888,898			10,506	49,899,404	28,456,390	-	28,456,390	267,617	21,175,397	-
May-07	50,950,599			10,506	50,961,105	30,876,017	-	30,876,017	240,846	19,844,242	-
Jun-07	52,948,918			10,506	52,959,424	30,233,356	-	30,233,356	218,951	22,507,118	-
Jul-07	50,695,162			10,506	50,705,668	27,831,758	-	27,831,758	232,884	22,641,027	-
Aug-07	55,177,149			10,506	55,187,655	31,190,083	-	31,190,083	264,391	23,733,181	-
Sep-07	49,919,310			10,506	49,929,816	28,886,560	-	28,886,560	294,503	20,748,753	-
Oct-07	52,289,030			10,506	52,299,536	30,909,860	-	30,909,860	346,514	21,043,162	-
Nov-07	52,590,120			10,506	52,600,626	29,162,523	-	29,162,523	371,320	23,066,783	-
Dec-07	52,322,880			10,506	52,333,386	24,920,555	-	24,920,555	405,317	27,007,514	-
Jan-08	56,931,880			7,935	56,939,815	29,646,636	-	29,646,636	394,778	26,898,401	-
Feb-08	53,808,360			7,935	53,816,295	27,987,208	-	27,987,208	337,374	25,491,713	-
Mar-08	54,411,970			7,935	54,419,905	28,713,081	-	28,713,081	322,315	25,384,509	-
Apr-08	49,720,310			7,935	49,728,245	28,929,629	-	28,929,629	270,975	20,527,641	-
May-08	48,905,780			7,935	48,913,715	28,842,585	-	28,842,585	243,333	19,827,797	-
Jun-08	50,409,100			7,935	50,417,035	28,781,362	-	28,781,362	221,413	21,414,260	-
Jul-08	51,274,000			7,935	51,281,935	27,283,314	-	27,283,314	236,096	23,762,525	-
Aug-08	49,872,730			7,935	49,880,665	27,494,389	-	27,494,389	268,007	22,118,269	-
Sep-08	48,308,210	852		7,935	48,316,997	27,813,262	-	27,813,262	299,263	20,204,472	-
Oct-08	49,255,560	1,180		7,935	49,264,675	27,851,703	-	27,851,703	352,281	21,060,691	-
Nov-08	49,017,380	1,143		7,935	49,026,458	25,641,827	-	25,641,827	378,520	23,006,111	-
Dec-08	49,664,880	779		7,935	49,673,595	21,943,322	-	21,943,322	411,556	27,318,718	-
Jan-09	52,345,570	191		8,253	52,354,014	23,757,114	-	23,757,114	400,965	28,195,935	-
Feb-09	46,594,360	266		8,253	46,602,878	22,706,367	-	22,706,367	363,269	23,533,243	-
Mar-09	49,050,170	474		8,253	49,058,896	24,927,934	-	24,927,934	325,802	23,805,161	-
Apr-09	45,611,580	966		8,253	45,620,798	23,655,004	-	23,655,004	273,906	21,691,888	-
May-09	42,387,454	1,293		8,253	42,397,000	22,506,511	-	22,506,511	245,748	19,644,741	-
Jun-09	44,387,869	1,189		8,253	44,397,310	24,197,889	-	24,197,889	223,407	19,976,014	-
Jul-09	44,921,308	1,313		8,253	44,930,873	24,346,334	-	24,346,334	227,603	20,346,937	-
Aug-09	48,859,677	1,247		8,253	48,869,177	26,265,333	-	26,265,333	269,717	22,334,127	-
Sep-09	46,103,069	1,222		8,253	46,112,544	26,553,081	-	26,553,081	300,599	19,258,864	-
Oct-09	48,144,867	1,173		8,253	48,154,292	27,043,541	-	27,043,541	354,409	20,756,343	-
Nov-09	47,998,462	803		8,253	48,007,517	26,507,196	-	26,507,196	379,607	21,120,715	-
Dec-09	50,517,285	765		8,253	50,526,302	24,167,352	-	24,167,352	412,839	25,946,111	-
Jan-10	52,420,454	378	11,370	52,432,202	25,888,011	-	25,888,011	402,117	26,142,074	-	-
Feb-10	47,359,162	229	11,370	47,370,761	24,160,272	-	24,160,272	364,256	22,846,232	-	-
Mar-10	49,526,638	595	11,370	49,538,604	27,355,174	-	27,355,174	326,687	21,856,744	-	-
Apr-10	44,462,792	906	11,370	44,475,069	25,889,397	-	25,889,397	274,650	18,311,021	-	-
May-10	46,979,692	1,300	11,370	46,992,362	26,932,613	-	26,932,613	246,415	19,813,334	-	-
Jun-10	49,009,708	1,997	11,370	49,023,075	28,587,361	-	28,587,361	224,091	20,211,623	-	-
Jul-10	51,646,900	3,392	11,370	51,661,663	27,293,663	-	27,293,663	238,351	24,129,649	-	-
Aug-10	52,740,631	3,431	11,370	52,755,432	29,122,769	-	29,122,769	270,658	23,362,004	-	-
Sep-10	47,076,338	4,421	11,370	47,092,129	27,866,485	-	27,866,485	302,189	18,923,455	-	-
Oct-10	47,763,977	4,883	11,370	47,780,230	27,989,361	-	27,989,361	355,779	19,435,091	-	-
Nov-10	49,101,200	14,677	11,370	49,127,247	27,689,192	-	27,689,192	382,111	21,055,944	-	-
Dec-10	50,576,308	14,696	11,370	50,602,374	24,807,248	-	24,807,248	416,112	25,379,014	-	-
Jan-11	54,299,046	4,190	11,787	54,315,023	27,939,916	-	27,939,916	406,819	25,968,288	-	-
Feb-11	49,190,731	2,908	11,787	49,205,425	25,940,656	-	25,940,656	369,143	22,895,626	-	-
Mar-11	53,045,377	11,074	11,787	53,068,238	29,294,960	-	29,294,960	331,106	23,442,172	-	-
Apr-11	46,378,385	26,257	11,787	46,416,428	26,194,271	-	26,194,271	278,375	19,943,782	-	-
May-11	46,461,115	36,042	11,787	46,508,944	27,051,386	-	27,051,386	249,757	19,207,801	-	-
Jun-11	47,707,500	38,059	11,787	47,757,346	27,769,463	-	27,769,463	227,052	19,760,832	-	-
Jul-11	51,859,285	49,783	11,787	51,920,854	26,509,908	-	26,509,908	241,619	25,169,327	-	-
Aug-11	52,379,038	56,611	11,787	52,447,436	29,711,475	-	29,711,475	275,096	22,460,865	-	-
Sep-11	48,042,538	55,309	11,787	48,109,634	28,460,021	-	28,460,021	306,428	19,343,184	-	-
Oct-11	49,423,261	52,299	11,787	49,487,347	29,372,104	-	29,372,104	360,546	19,754,697	-	-
Nov-11	50,445,385	37,561	11,787	50,494,732	29,623,193	1,198,734	28,424,459	386,868	20,484,671	-	-
Dec-11	51,002,615	24,774	11,787	51,039,176	26,473,332	1,265,527	25,207,805	428,936	24,136,908	-	-
Jan-12	55,009,485	18,803	266	55,028,554	30,106,731	1,420,768	28,685,963	418,198	24,503,624	-	-

Feb-12	51,110,431	28,289	266	51,138,985	28,882,060	1,386,832	27,495,228	392,034	21,864,892	-
Mar-12	50,964,538	54,036	266	51,018,840	30,300,838	1,359,009	28,941,829	339,903	20,378,099	-
Apr-12	46,915,185	132,548	266	47,047,998	27,986,745	1,249,198	26,737,547	286,193	18,775,060	-
May-12	48,825,800	108,163	266	48,934,229	29,991,565	1,316,229	28,675,336	256,785	18,685,879	-
Jun-12	50,918,000	129,917	266	51,048,183	30,078,752	1,442,345	28,636,407	233,441	20,735,990	-
Jul-12	54,671,809	163,046	266	54,835,121	29,830,267	1,613,885	28,216,382	248,274	24,756,579	-
Aug-12	52,983,500	173,973	266	53,157,739	30,970,046	1,706,302	29,263,744	281,832	21,905,862	-
Sep-12	47,491,482	157,158	26,513	47,675,153	28,475,412	1,732,226	26,743,186	313,927	18,885,815	-
Oct-12	49,849,282	146,844	58,803	50,054,929	30,019,945	1,806,667	28,213,278	369,474	19,665,509	-
Nov-12	50,661,882	96,549	27,725	50,786,156	29,029,945	1,823,009	27,206,936	395,743	21,360,468	-
Dec-12	49,285,164	96,549	266	49,381,979	25,040,223	1,990,388	23,049,835	430,283	23,911,473	-
Jan-13	54,488,917	37,707	266	54,526,890	29,366,555	2,049,509	27,317,046	419,508	24,740,827	-
Feb-13	49,402,111	34,754	266	49,437,131	26,521,456	1,669,103	24,852,353	379,044	22,536,632	-
Mar-13	51,317,300	49,480	266	51,367,046	28,073,088	1,832,119	26,240,969	341,504	22,952,454	-
Apr-13	48,247,275	89,673	266	48,337,213	27,988,713	1,786,707	26,202,006	287,325	20,061,176	-
May-13	47,488,767	114,697	266	47,603,730	28,477,227	1,740,570	26,736,657	257,787	18,868,716	-
Jun-13	48,277,100	157,003	266	48,434,368	28,057,846	1,668,912	26,388,934	234,352	20,142,171	-
Jul-13	52,332,958	162,959	266	52,496,183	27,805,653	1,863,363	25,942,290	249,243	24,441,288	-
Aug-13	51,221,542	154,783	266	51,376,590	29,237,428	1,857,985	27,379,443	282,931	21,856,232	-
Sep-13	48,292,200	140,979	266	48,433,445	28,490,692	1,789,011	26,701,681	315,154	19,627,599	-
Oct-13	50,917,368	139,416	266	51,057,049	29,732,548	1,844,659	27,887,889	371,583	20,952,919	-
Nov-13	51,818,350	118,101	266	51,936,717	28,537,588	1,827,428	26,710,160	398,255	23,000,874	-
Dec-13	51,870,071	60,610	266	51,930,947	25,248,832	2,046,263	23,202,568	433,049	26,249,066	-
5,501,540,180				5,505,387,990						

Annual Data (Higher)

	IESO Purchased	Generation	Net LTLT	Total Purchases						
2005	650,059,200	-	64,038	650,123,238	363,289,365	-	363,289,365	3,544,209	283,289,663	650,123,238
2006	635,443,690	-	40,272	635,483,962	362,835,830	-	362,835,830	3,610,497	269,037,634	635,483,962
2007	634,276,869	-	126,074	634,402,943	353,273,058	-	353,273,058	3,676,056	277,453,830	634,402,943
2008	611,580,160	3,953	95,224	611,679,337	330,928,318	-	330,928,318	3,735,910	277,015,109	611,679,337
2009	566,921,670	10,902	99,030	567,031,602	296,633,654	-	296,633,654	3,787,871	266,610,077	567,031,602
2010	588,663,800	50,906	136,444	588,851,149	323,581,548	-	323,581,548	3,803,416	261,466,185	588,851,149
2011	600,234,276	394,867	141,439	600,770,582	334,340,683	2,464,261	331,876,422	3,861,745	262,568,154	603,234,843
2012	608,686,557	1,305,874	115,434	610,107,865	350,712,530	18,846,858	331,865,672	3,966,087	255,429,249	628,954,723
2013	605,673,958	1,260,161	3,191	606,937,311	337,537,625	21,975,629	315,561,996	3,969,733	265,429,952	628,912,940
5,501,540,180				5,505,387,990	3,053,132,611	43,286,748	3,009,845,863	33,955,525	2,418,299,853	5,548,674,738

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## **LDC Historical Performance Report and Draft Target & Budget**

Enclosed are the 2011-2014 Historical Performance Report and LDC draft target and budget for the new 2015-2020 Conservation First Framework. The intention of this report is to provide a summary of your LDCs historical performance in comparison to your draft target and budget for the new 2015-2020 Conservation First Framework to assist LDCs in planning for the new framework. Draft budget is a single number and includes all customer incentives and administrative costs. Allocation of administrative costs within the budget is at the LDC's sole discretion.

As part of this report, each LDC is being provided with the following:

- 1) Overall progress-to-date based on final verified savings for 2011 and 2012, and draft verified savings for 2013;
- 2) Estimated savings required in 2014 to meet the current 2011-2014 Ontario Energy Board (OEB) targets;
- 3) A summary of historical spending for both administration costs (based on actual PAB spending) and incentive costs (based on provincially allocated spending or actual settlement by LDC, depending on the initiative);
- 4) Draft 2015-2020 CDM target and budget projected by year and sector, based on the current Conservation First budget and target allocation methodology; and
- 5) A summary of the 2012 OEB yearbook data by rate class used to develop the CDM targets and budgets, including estimates on overall cost-effectiveness.

The format of this report was developed in collaboration with members of the Conservation First Advisory Working Group (CFAWG) and is designed to provide LDCs with an overview of their current performance in relation to their new draft Conservation First CDM targets and budgets. To increase transparency, all consumption data used to determine an LDC's share of load by sector and Independent Electricity Service Operator (IESO) zone for target allocation purposes has been provided.

Throughout the current framework LDCs ongoing collaboration and cooperation continues to be appreciated. The OPA remains committed to supporting LDCs in the successful delivery of conservation savings and we look forward to working with LDCs within the new Conservation First Framework.

LDC: Festival Hydro Inc.

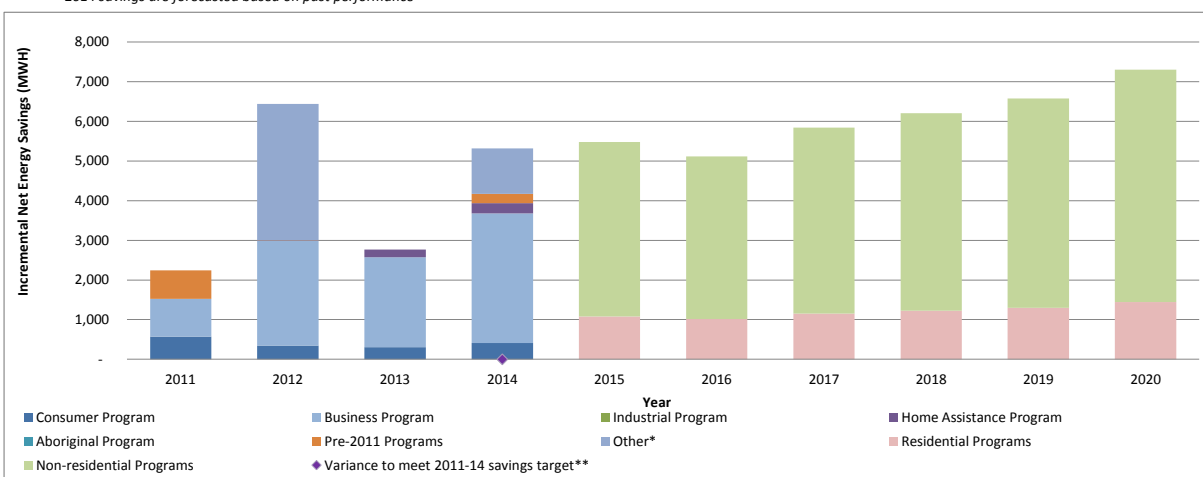
## Incremental Net Energy Savings &amp; Targets Assigned Summary (MWh)

Incremental Net Energy Savings & Targets Assigned Summary (MWh)											
	2011	2012	2013	2014***	2015	2016	2017	2018	2019	2020	
Consumer Program	571	349	309	409							
Business Program	955	2,647	2,268	3,269							
Industrial Program	-	-	-	-							
Home Assistance Program	-	5	190	254							
Aboriginal Program	-	-	-	-							
Pre-2011 Programs	717	0	-	239							
Other*	-	3,433	-	1,144							
Residential Programs					1,084	1,012	1,157	1,229	1,301	1,446	
Non-residential Programs					4,392	4,099	4,685	4,978	5,270	5,856	
Total	2,243	6,434	2,766	5,316	5,476	5,111	5,841	6,206	6,572	7,302	
Variance to meet 2011-14 savings target**	-				Allocated CDM Target (GWh)						36.5

\*Other includes Program Enabled Savings and Adjustments

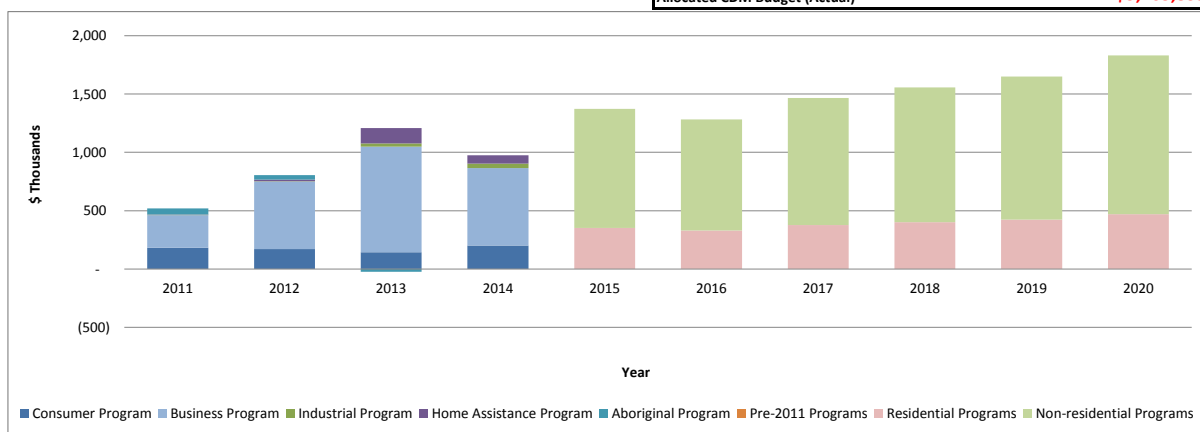
\*\* Includes Demand Response

\*\*\* 2014 savings are forecasted based on past performance



## Financial Summary (\$ Thousands)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Consumer Program	182	169	142	201						
Business Program	280	581	908	664						
Industrial Program	3	2	26	38						
Home Assistance Program	1	14	134	73						
Aboriginal Program	53	40	(26)	-						
Pre-2011 Programs	-	-	-	-						
Residential Programs					353	329	377	400	424	471
Non-residential Programs					1,022	954	1,090	1,158	1,226	1,363
<b>Total</b>	<b>518</b>	<b>806</b>	<b>1,184</b>	<b>977</b>	<b>1,375</b>	<b>1,283</b>	<b>1,467</b>	<b>1,558</b>	<b>1,650</b>	<b>1,833</b>
					<b>Allocated CDM Budget (Actual)</b>					
					<b>\$9,165,833</b>					



Savings for Demand Response resources have been excluded for the purposes of this report.

Table 1: **Festival Hydro Inc.** Initiative and Program Level Net Energy Savings by Year

Initiative	Net Incremental Energy Savings (MWh)		
	2011	2012	2013
<b>Consumer Program</b>			
Appliance Retirement	136	114	78
Appliance Exchange	7	14	8
HVAC Incentives	260	122	137
Conservation Instant Coupon Booklet	65	5	27
Bi-Annual Retailer Event	103	94	60
Retailer Co-op	0	0	0
Residential New Construction	0	0	0
<b>Consumer Program Total</b>	<b>571</b>	<b>349</b>	<b>309</b>
<b>Business Program</b>			
Retrofit	620	2,319	2,039
Direct Install Lighting	335	243	131
Building Commissioning	0	0	0
New Construction	0	35	0
Energy Audit	0	50	97
<b>Business Program Total</b>	<b>955</b>	<b>2,647</b>	<b>2,268</b>
<b>Industrial Program</b>			
Process & System Upgrades	0	0	0
Monitoring & Targeting	0	0	0
Energy Manager	0	0	0
<b>Industrial Program Total</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Home Assistance Program</b>			
Home Assistance Program	0	5	190
<b>Home Assistance Program Total</b>	<b>0</b>	<b>5</b>	<b>190</b>
<b>Aboriginal Program</b>			
Home Assistance Program Aboriginal	0	0	0
Direct Install Lighting	0	0	0
<b>Aboriginal Program Total</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Pre-2011 Programs completed in 2011</b>			
Pre-2011 Programs completed in 2011 Total	717	0	0
<b>Pre-2011 Programs completed in 2011 Total</b>	<b>717</b>	<b>0</b>	<b>0</b>
<b>Other</b>			
Program Enabled Savings	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Adjustments to 2011 Verified Results</b>		<b>3,433</b>	<b>0</b>
<b>Adjustments to 2012 Verified Results</b>			<b>3</b>
<b>OPA-Contracted LDC Portfolio Total (inc. Adj.)</b>	<b>2,243</b>	<b>6,434</b>	<b>2,769</b>

Savings for Demand Response resources have been excluded for the purposes of this report.

● Includes Retrofit portion that is part of the Industrial Schedule

Table 2: **Festival Hydro Inc.** Initiative and Program Level Net Demand Savings by Year

Initiative	Net Peak Demand Savings (KW)		
	2011	2012	2013
<b>Consumer Program</b>			
Appliance Retirement	20	17	12
Appliance Exchange	5	8	4
HVAC Incentives	136	68	76
Conservation Instant Coupon Booklet	4	1	2
Bi-Annual Retailer Event	6	5	4
Retailer Co-op	0	0	0
Residential New Construction	0	0	0
<b>Consumer Program Total</b>	<b>171</b>	<b>99</b>	<b>98</b>
<b>Business Program</b>			
Retrofit	118	436	322
Direct Install Lighting	128	62	38
Building Commissioning	0	0	0
New Construction	0	10	0
Energy Audit	0	10	18
<b>Business Program Total</b>	<b>246</b>	<b>518</b>	<b>378</b>
<b>Industrial Program</b>			
Process & System Upgrades	0	0	0
Monitoring & Targeting	0	0	0
Energy Manager	0	0	0
<b>Industrial Program Total</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Home Assistance Program</b>			
Home Assistance Program	0	0	21
<b>Home Assistance Program Total</b>	<b>0</b>	<b>0</b>	<b>21</b>
<b>Aboriginal Program</b>			
Home Assistance Program Aboriginal	0	0	0
Direct Install Lighting	0	0	0
<b>Aboriginal Program Total</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Pre-2011 Programs completed in 2011</b>			
Pre-2011 Programs completed in 2011 Total	155	0	0
<b>Pre-2011 Programs completed in 2011 Total</b>	<b>155</b>	<b>0</b>	<b>0</b>
<b>Other</b>			
Program Enabled Savings	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Adjustments to 2011 Verified Results</b>	<b>0</b>	<b>783</b>	<b>0</b>
<b>Adjustments to 2012 Verified Results</b>	<b>0</b>	<b>0</b>	<b>1</b>
<b>OPA-Contracted LDC Portfolio Total (inc. Adj.)</b>	<b>572</b>	<b>1,400</b>	<b>498</b>

Savings for Demand Response resources have been excluded for the purposes of this report.

● Includes Retrofit portion that is part of the Industrial Schedule

Table 3: **Festival Hydro Inc.** Initiative and Program Level Financial Data by Year

Initiative	Program Administration Costs				*Customer Incentives		
	2011	2012	2013		2011	2012	2013
<b>Consumer Program</b>							
Appliance Retirement	29,853	19,421	13,357	●	19,383	20,519	8,753
Appliance Exchange	995	2,627	1,435	●	0	1,566	0
HVAC Incentives	7,340	16,561	9,538	●	116,759	90,019	92,650
Conservation Instant Coupon Booklet	1,053	2,931	2,392	●	578	3,256	990
Bi-Annual Retailer Event	936	2,712	2,392	●	2,166	5,131	9,047
Retailer Co-op	0	0	0	●	Included in Bi-annual Retailer Event		
Residential New Construction	2,893	4,351	1,435	●	15	22	0
<b>Consumer Program Total</b>	<b>43,070</b>	<b>48,602</b>	<b>30,549</b>		<b>138,901</b>	<b>120,513</b>	<b>111,440</b>
<b>Business Program</b>							
Retrofit	78,485	102,534	143,576	●	0	260,755	316,345
**Direct Install Lighting	52,680	40,333	-26,191	●	114,816	78,557	35,700
Building Commissioning	4,882	4,472	2,639	●	0	0	0
New Construction	9,764	63,933	8,396	●	0	0	415,768
Energy Audit	19,529	17,995	8,796	●	0	12,225	3,000
<b>Business Program Total</b>	<b>165,341</b>	<b>229,266</b>	<b>137,215</b>		<b>114,816</b>	<b>351,537</b>	<b>770,813</b>
<b>Industrial Program</b>							
Process & System Upgrades	0	0	0	●	0	0	21,151
Monitoring & Targeting	515	247	908	●	0	0	0
Energy Manager	2,061	1,976	3,632	●	0	0	0
<b>Industrial Program Total</b>	<b>2,577</b>	<b>2,222</b>	<b>4,540</b>		<b>0</b>	<b>0</b>	<b>21,151</b>
<b>Home Assistance Program</b>							
Home Assistance Program	1,112	13,539	15,343	●	0	0	118,802
<b>Home Assistance Program Total</b>	<b>1,112</b>	<b>13,539</b>	<b>15,343</b>		<b>0</b>	<b>0</b>	<b>118,802</b>
<b>Aboriginal Program</b>							
Home Assistance Program Aboriginal	0	0	0	●	0	0	174
Direct Install Lighting	52,680	40,333	-26,191	●	0	0	185
<b>Aboriginal Program Total</b>	<b>52,680</b>	<b>40,333</b>	<b>-26,191</b>		<b>0</b>	<b>0</b>	<b>359</b>
<b>Pre-2011 Programs completed in 2011</b>							
Pre-2011 Programs completed in 2011 Total	0	0	0		280,528	215,635	14,430
<b>Pre-2011 Programs completed in 2011 Total</b>	<b>0</b>	<b>0</b>	<b>0</b>		<b>280,528</b>	<b>215,635</b>	<b>14,430</b>
<b>Other</b>							
Program Enabled Savings	0	0	0		N/A	N/A	N/A
<b>Other Total</b>	<b>0</b>	<b>0</b>	<b>0</b>				
<b>OPA-Contracted LDC Portfolio Total</b>							

Financials for Demand Response resources have been excluded for the purposes of this report.

\*2011-2013 numbers are actuals and represent amounts paid to LDCs/vendors for each initiative (i.e. excludes accruals), therefore savings can be in a different year than the incentive payments.

\*\*Customer Incentive values align with install dates as reported in the small business lighting portal

● Breakdown by LDC for Customer Incentives is based on the savings allocation in Appendix B

● Breakdown by LDC for Customer Incentives is based on LDC Settlements

## Appendix A: 2015 - 2020 Savings and Budget Allocation

IESO Zone		7 TWh Provincial Distribution for 2015-2020		LDC's Share of 7TWh for 2015-2020					
				2012 Residential GWh			2012 Non-Residential GWh		
		Res	Non-Res	LDC	Provincial	Share %	LDC	Provincial	Share %
BRUCE		3	6	0	116	0%	0	127	0%
EAST		137	255	0	3,569	0%	0	3,928	0%
ESSA		161	215	0	3,689	0%	0	4,580	0%
NIAGARA		62	180	0	1,422	0%	0	2,449	0%
NORTHEAST		110	206	0	2,387	0%	0	2,581	0%
NORTHWEST		48	94	0	879	0%	0	1,127	0%
OTTAWA		217	268	0	3,399	0%	0	6,219	0%
SOUTHWEST		416	942	139	7,996	2%	457	14,701	3%
TORONTO		856	2,091	0	12,786	0%	0	35,539	0%
WEST		216	516	0	4,102	0%	0	7,448	0%
Total		2,226	4,774	139	40,344		457	78,700	
Provincial CDM Target			7,000	LDC CDM Target:		7.2	LDC CDM Target:		29.3
*Summary		Res	Non Res	Total					
Allocated CDM Target (GWh)		7.2	29.3	36.5					
Allocated CDM Budget (Actual)		\$2,353,160	\$6,812,673	\$9,165,833					
Funding Rates (\$/kWh)		\$0.33	\$0.23	\$0.25					
LUEC (\$/kWh)		\$0.06	\$0.02	\$0.03					
PAC Test		1.09	2.91	2.44					
*Estimated 2015-2020 Cost Effectiveness		Res	Non Res	Total					
Benefits (\$M)		\$2.31	\$17.87	\$20.18					
Costs (\$M)		\$2.12	\$6.14	\$8.27					
LUEC (\$/kWh)		\$0.06	\$0.02	\$0.03					
PAC Ratio		1.09	2.91	2.44					
Cumulative Estimated Energy Savings (GWh)				2015	2016	2017	2018	2019	2020
Residential				1.1	2.1	3.3	4.5	5.8	7.2
Non-Residential				4.4	8.5	13.2	18.2	23.4	29.3
Total Estimated Energy Savings (GWh)				5.5	10.6	16.4	22.6	29.2	36.5
Incremental Est. Annual Budgets (\$M)				2015	2016	2017	2018	2019	2020
Residential				\$0.35	\$0.33	\$0.38	\$0.40	\$0.42	\$0.47
Non-Residential				\$1.02	\$0.95	\$1.09	\$1.16	\$1.23	\$1.36
Total Est. Annual Budgets (\$M)				\$1.37	\$1.28	\$1.47	\$1.56	\$1.65	\$1.83
OEB Yearbook Data				Total Cumulative Est. Annual Budget (Actual)					
**Rate Class		Metered Load (kWh)		\$9,165,833					
Res		138,833,725							
GS<50		62,255,637							
GS>50, Large Users		389,248,959							
Street Lighting		4,359,071							
Sentinel Lighting		192,847							
Billed Unmetered Scattered Load		667,380							
*See OPA Cost Effectiveness Guide on how to calculate									
**Derived from the 2012 OEB Yearbook data									

**Appendix B - 2011 -2014 Savings Allocation**

<b>LDC</b>	<b>Allocation %</b>
Algoma Power Inc.	0.12%
Atikokan Hydro Inc.	0.02%
Attawapiskat Power Corporation	0.00%
Bluewater Power Distribution Corporation	0.90%
Brant County Power Inc.	0.16%
Brantford Power Inc.	0.82%
Burlington Hydro Inc.	1.37%
COLLUS Power Corporation	0.25%
Cambridge and North Dumfries Hydro Inc.	1.23%
Canadian Niagara Power Inc.	0.42%
Centre Wellington Hydro Ltd.	0.13%
Chapleau Public Utilities Corporation	0.02%
ENTEGRUS	0.78%
Cooperative Hydro Embrun Inc.	0.02%
E.L.K. Energy Inc.	0.14%
ENWIN Utilities Ltd.	1.96%
Enersource Hydro Mississauga Inc.	6.95%
Erie Thames Powerlines Corporation	0.38%
Espanola Regional Hydro Distribution Corporation	0.05%
Essex Powerlines Corporation	0.36%
Festival Hydro Inc.	0.49%
Fort Albany Power Corporation	0.00%
Fort Frances Power Corporation	0.06%
Greater Sudbury Hydro Inc.	0.73%
Grimsby Power Inc.	0.13%
Guelph Hydro Electric Systems Inc.	1.33%
Haldimand County Hydro Inc.	0.22%
Halton Hills Hydro Inc.	0.37%
Hearst Power Distribution Company Limited	0.07%
Horizon Utilities Corporation	4.69%
Hydro 2000 Inc.	0.02%
Hydro Hawkesbury Inc.	0.15%
Hydro One Brampton Networks Inc.	3.16%
Hydro One Networks Inc.	18.84%
Hydro Ottawa Limited	6.25%
Innisfil Hydro Distribution Systems Limited	0.15%
Kashechewan Power Corporation	0.01%
Kenora Hydro Electric Corporation Ltd.	0.09%
Kingston Hydro Corporation	0.62%
Kitchener-Wilmot Hydro Inc.	1.50%
Lakefront Utilities Inc.	0.23%
Lakeland Power Distribution Ltd.	0.17%
London Hydro Inc.	2.61%
Midland Power Utility Corporation	0.18%

**Appendix B - 2011 -2014 Savings Allocation**

<b>LDC</b>	<b>Allocation %</b>
Milton Hydro Distribution Inc.	0.56%
Newmarket - Tay Power Distribution Ltd.	0.55%
Niagara Peninsula Energy Inc.	0.97%
Niagara-on-the-Lake Hydro Inc.	0.14%
Norfolk Power Distribution Inc.	0.26%
North Bay Hydro Distribution Limited	0.44%
Northern Ontario Wires Inc.	0.10%
Oakville Hydro Electricity Distribution Inc.	1.23%
Orangeville Hydro Limited	0.20%
Orillia Power Distribution Corporation	0.25%
Oshawa PUC Networks Inc.	0.87%
Ottawa River Power Corporation	0.15%
PUC Distribution Inc.	0.51%
Parry Sound Power Corporation	0.07%
Peterborough Distribution Incorporated	0.64%
PowerStream Inc.	6.79%
Renfrew Hydro Inc.	0.08%
Rideau St. Lawrence Distribution Inc.	0.09%
Sioux Lookout Hydro Inc.	0.06%
St. Thomas Energy Inc.	0.25%
Thunder Bay Hydro Electricity Distribution Inc.	0.79%
Tillsonburg Hydro Inc.	0.17%
Toronto Hydro-Electric System Limited	21.73%
Veridian Connections Inc.	1.93%
Wasaga Distribution Inc.	0.07%
Waterloo North Hydro Inc.	1.11%
Welland Hydro-Electric System Corp.	0.34%
Wellington North Power Inc.	0.08%
West Coast Huron Energy Inc.	0.14%
Westario Power Inc.	0.35%
Whitby Hydro Electric Corporation	0.65%
Woodstock Hydro Services Inc.	0.31%
All LDCs	100.00%



**Message from the Vice President:**

The OPA is pleased to provide the enclosed Draft 2013 Verified Results Report. This report is designed to provide preliminary information on the Draft 2013 Verified Results and to help populate LDC Annual Report templates that will be submitted to the OEB in September.

**Top Line Results:**

- We have achieved 85% of our cumulative energy savings target and 49% of our annual peak demand savings target to date (Scenario 2), representing a 31% and 51% improvement over 2012 verified results respectively.
- The Business Programs continue to perform well, representing 74% of the cumulative energy savings and 69% of the annual peak demand savings (Scenario 1).
- There are currently three verified Process and System Upgrades projects contributing savings. Process and System Upgrades has a healthy pipeline of 22 contracted projects and 201 studies which will likely result in significant savings in 2014.

Please note that the 2013 Draft Verified Results within this report may vary from the unverified Q4 2013 Preliminary Unverified Report for the following reasons:

- Direct Install Lighting realization rate for peak demand savings has shown an increase of 19% since 2012.
- Retrofit realization rate for peak demand savings has declined by 2% and the net-to-gross ratio has declined by 3%. The realization rate and net-to-gross ratio have both declined by 4% for energy savings.
- Home Assistance Program realization rates have declined by 17% for peak demand and 11% for energy savings. The net-to-gross ratios remain the same at 100%.
- This report includes both the 2011 and 2012 adjustments. The adjustments analysis ensures that energy and demand savings are properly categorized in the year that they were achieved and that any variances identified after the release of the 2011 and 2012 Final Results Report are properly accounted for and reported to the LDCs. The adjustments will be identified in the year following implementation, while the cumulative effect will be accounted for in the implementation year.

These results are considered draft and may be subject to change. The OPA is committed to providing LDCs with the opportunity to review and provide feedback. To ensure that all inquiries can be directed to the appropriate OPA contact and addressed prior to the release of the 2013 Final Verified Results, please e-mail a list of questions and/or concerns to LDC Support (LDC.Support@powerauthority.on.ca) by Monday, August 11, 2014.

The Final 2013 Verified Results Report will be available to all LDCs on or before August 31, 2014. At that time, all results will be considered final for 2013. Any variances in 2013 program activity not captured will be reported in the Final 2014 Verified Results Report (to be issued in 2015), through the 2013 adjustments process.

We appreciate your collaboration and support throughout the reporting and evaluation process and we look forward to another successful year ahead.

Sincerely

Andrew Pride

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## OPA-Contracted Province-Wide CDM Programs Draft Verified 2013 Results

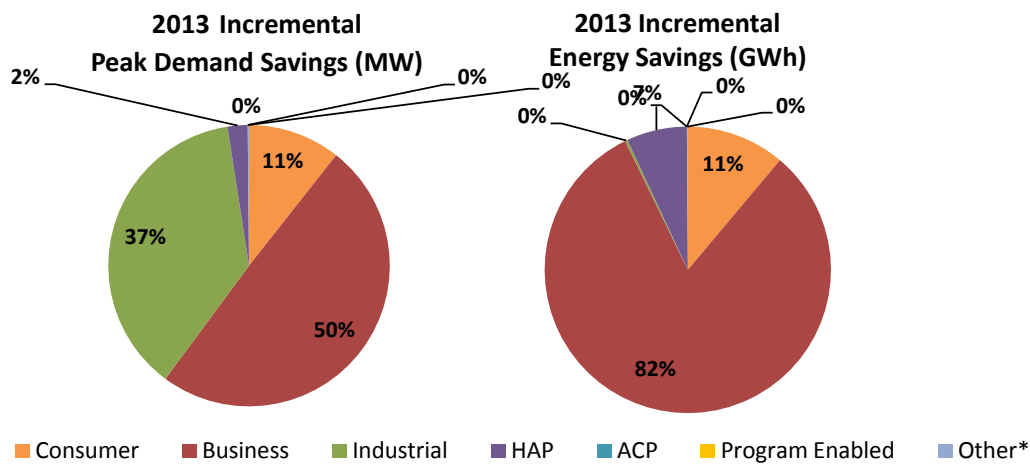
LDC: Festival Hydro Inc.

FINAL 2013 Progress to Targets	2013 Incremental	Program-to-Date Progress to Target (Scenario 1)	Scenario 1: % of Target Achieved	Scenario 2: % of Target Achieved
Net Annual Peak Demand Savings (MW)	0.9	2.4	39.1%	45.9%
Net Energy Savings (GWh)	2.8	37.2	127.1%	127.1%

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

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

### Achievement by Sector



\*Other includes adjustments to previous years' results and savings from pre-2011 initiatives

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

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

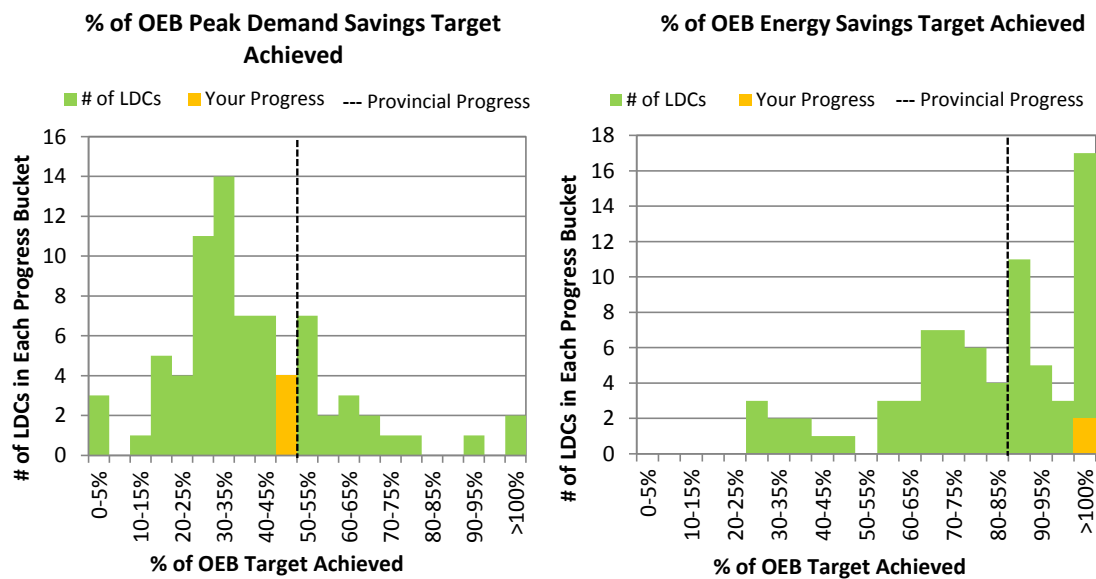


Table 1: Festival Hydro Inc. Initiative and Program Level Net Savings by Year (Scenario 1)

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)				Program-to-Date Verified Progress to Target (excludes DR)	
		2011*	2012*	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2011-2014 Net Cumulative Energy Savings (kWh) 2014
Consumer Program															
Appliance Retirement	Appliances	329	287	198		20	17	12		136,087	113,761	77,518		47	1,039,454
Appliance Exchange	Appliances	52	53	21		5	8	4		6,763	13,734	7,758		14	80,915
HVAC Incentives	Equipment	388	285	334		136	68	76		259,654	122,478	136,597		280	1,679,243
Conservation Instant Coupon Booklet	Items	1,780	108	1,213		4	1	2		65,399	4,891	26,962		7	330,191
Bi-Annual Retailer Event	Items	3,331	3,711	3,305		6	5	4		102,799	93,684	60,096		15	812,443
Retailer Co-op	Items	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response	Devices	117	0	0		66	0	0		0	0	0		0	0
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential New Construction	Homes	0	0	0		0	0	0		0	0	0		0	0
Consumer Program Total						237	99	98		570,702	348,547	308,932		363	3,942,246
Business Program															
Retrofit	Projects	13	54	69		52	436	322		192,530	2,318,860	2,039,349		809	11,797,162
Direct Install Lighting	Projects	123	80	25		128	62	38		335,087	242,528	131,294		200	2,251,051
Building Commissioning	Buildings	0	0	0		0	0	0		0	0	0		0	0
New Construction	Buildings	2	3	0		0	10	0		0	35,487	0		10	106,460
Energy Audit	Audits	1	2	2		0	10	18		0	50,353	96,902		28	344,861
Small Commercial Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0
Small Commercial Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Demand Response 3	Facilities	1	1	1		68	68	78		2,665	995	927		0	4,587
Business Program Total						248	586	456		530,281	2,648,223	2,268,471		1,046	14,504,121
Industrial Program															
Process & System Upgrades	Projects	0	0	0		0	0	0		0	0	0		0	0
Monitoring & Targeting	Projects	0	0	0		0	0	0		0	0	0		0	0
Energy Manager	Projects	0	0	0		0	0	0		0	0	0		0	0
Retrofit	Projects	8	0	0		66	0	0		427,748	0	0		66	1,710,993
Demand Response 3	Facilities	0	0	2		0	0	345		0	0	7,598		0	7,598
Industrial Program Total						66	0	345		427,748	0	7,598		66	1,718,591
Home Assistance Program															
Home Assistance Program	Homes	0	6	299		0	0	21		0	4,983	189,557		22	394,063
Home Assistance Program Total						0	0	21		0	4,983	189,557		22	394,063
Aboriginal Program															
Home Assistance Program	Homes	0	0	0		0	0	0		0	0	0		0	0
Direct Install Lighting	Projects	0	0	0		0	0	0		0	0	0		0	0
Aboriginal Program Total						0	0	0		0	0	0		0	0
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	23	0	0		154	0	0		714,841	0	0		154	2,859,364
High Performance New Construction	Projects	0	0	0		0	0	0		1,841	383	0		1	8,514
Toronto Comprehensive	Projects	0	0	0		0	0	0		0	0	0		0	0
Multifamily Energy Efficiency Rebates	Projects	0	0	0		0	0	0		0	0	0		0	0
LDC Custom Programs	Projects	0	0	0		0	0	0		0	0	0		0	0
Pre-2011 Programs completed in 2011 Total						155	0	0		716,682	383	0		155	2,867,877
Other															
Program Enabled Savings	Projects	0	0	0		0	0	0		0	0	0		0	0
Time-of-Use Savings	Homes	0	0	0		0	0	0		0	0	0		0	0
Other Total						0	0	0		0	0	0		0	0
Adjustments to 2011 Verified Results															
Adjustments to 2012 Verified Results															
Energy Efficiency Total						572	617	497		2,242,749	3,001,141	2,766,033		1,652	23,414,713
Demand Response Total (Scenario 1)						134	68	423		2,665	995	8,525		0	12,185
Adjustments to Previous Year's Verified Results Total						0	783	1		0	3,432,735	2,908		784	13,739,664
OPA-Contracted LDC Portfolio Total (inc. Adjustments)						706	1,468	921		2,245,414	6,434,871	2,777,466		2,436	37,166,563
Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).														Full OEB Target:	
The IHD line item on the 2013 annual report has been left blank pending a results update from evaluations; results will be updated once sufficient information is made available.														6,230	
% of Full OEB Target Achieved to Date (Scenario 1):														39.1%	
														127.1%	

Table 2: Adjustments to **Festival Hydro Inc.** Net Verified Results due to Variances

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)			
		2011*	2012*	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program													
Appliance Retirement	Appliances	0	0			0	0			0	0		
Appliance Exchange	Appliances	0	0			0	0			0	0		
HVAC Incentives	Equipment	-60	6			-18	1			-34,906	2,908		
Conservation Instant Coupon Booklet	Items	29	0			0	0			964	0		
Bi-Annual Retailer Event	Items	286	0			0	0			7,638	0		
Retailer Co-op	Items	0	0			0	0			0	0		
Residential Demand Response	Devices	0	0			0	0			0	0		
Residential Demand Response (IHD)	Devices	0	0			0	0			0	0		
Residential New Construction	Homes	0	0			0	0			0	0		
Consumer Program Total						-18	1			-26,304	2,908		
Business Program													
Retrofit	Projects	1	0			2	0			1,168	0		
Direct Install Lighting	Projects	6	0			5	0			11,580	0		
Building Commissioning	Buildings	0	0			0	0			0	0		
New Construction	Buildings	2	0			788	0			3,421,115	0		
Energy Audit	Audits	1	0			5	0			25,176	0		
Small Commercial Demand Response	Devices	0	0			0	0			0	0		
Small Commercial Demand Response (IHD)	Devices	0	0			0	0			0	0		
Demand Response 3	Facilities	0	0			0	0			0	0		
Business Program Total						800	0			3,459,039	0		
Industrial Program													
Process & System Upgrades	Projects	0	0			0	0			0	0		
Monitoring & Targeting	Projects	0	0			0	0			0	0		
Energy Manager	Projects	0	0			0	0			0	0		
Retrofit	Projects	0	0			0	0			0	0		
Demand Response 3	Facilities	0	0			0	0			0	0		
Industrial Program Total						0	0			0	0		
Home Assistance Program													
Home Assistance Program	Homes	0	0			0	0			0	0		
Home Assistance Program Total						0	0			0	0		
Aboriginal Program													
Home Assistance Program	Homes	0	0			0	0			0	0		
Direct Install Lighting	Projects	0	0			0	0			0	0		
Aboriginal Program Total						0	0			0	0		
Pre-2011 Programs completed in 2011													
Electricity Retrofit Incentive Program	Projects	0	0			0	0			0	0		
High Performance New Construction	Projects	0	0			0	0			0	0		
Toronto Comprehensive	Projects	0	0			0	0			0	0		
Multifamily Energy Efficiency Rebates	Projects	0	0			0	0			0	0		
LDC Custom Programs	Projects	0	0			0	0			0	0		
Pre-2011 Programs completed in 2011 Total						0	0			0	0		
Other													
Program Enabled Savings	Projects	0	0			0	0			0	0		
Time-of-Use Savings	Homes	0	0			0	0			0	0		
Other Total						0	0			0	0		
Adjustments to 2011 Verified Results						783				3,432,735			
Adjustments to 2012 Verified Results							1				2,908		
Total Adjustments to Previous Year's Verified Results						783	1			3,432,735	2,908		

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

The IHD line item on the 2013 annual report has been left blank pending a results update from evaluations; results will be updated once sufficient information is made available.

Adjustments to previous years' results shown in this table will not align to adjustments shown in Table 1 as the information presented above does not consider persistence of savings

Table 3: Festival Hydro Inc. Realization Rate &amp; NTG

Initiative	Peak Demand Savings								Energy Savings							
	Realization Rate				Net-to-Gross Ratio				Realization Rate				Net-to-Gross Ratio			
	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014
<b>Consumer Program</b>																
Appliance Retirement	1.00	1.00	n/a		0.50	0.46	0.42		1.00	1.00	n/a		0.52	0.47	0.44	
Appliance Exchange	1.00	1.00	1.00		0.52	0.52	0.53		1.00	1.00	1.00		0.52	0.52	0.53	
HVAC Incentives	1.00	1.00	n/a		0.60	0.49	0.48		1.00	1.00	n/a		0.60	0.49	0.48	
Conservation Instant Coupon Booklet	1.00	1.00	1.00		1.14	1.00	1.11		1.00	1.00	1.00		1.11	1.05	1.13	
Bi-Annual Retailer Event	1.00	1.00	1.00		1.13	0.91	1.04		1.00	1.00	1.00		1.10	0.92	1.04	
Retailer Co-op	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
Residential Demand Response	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
Residential Demand Response (IHD)	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
Residential New Construction	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
<b>Business Program</b>																
Retrofit	0.95	0.97	0.91		0.73	0.75	0.71		1.23	1.07	0.99		0.74	0.75	0.71	
Direct Install Lighting	1.08	0.68	0.81		0.93	0.94	0.94		0.90	0.85	0.84		0.93	0.94	0.94	
Building Commissioning	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
New Construction	n/a	0.70	n/a		n/a	0.49	n/a		n/a	0.61	n/a		n/a	0.49	n/a	
Energy Audit	n/a	n/a	1.02		n/a	n/a	0.66		n/a	n/a	0.97		n/a	n/a	0.66	
Small Commercial Demand Response	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
Small Commercial Demand Response (IHD)	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
Demand Response 3	0.76	n/a	n/a		n/a	n/a	n/a		1.00	n/a	n/a		n/a	n/a	n/a	
<b>Industrial Program</b>																
Process & System Upgrades	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
Monitoring & Targeting	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
Energy Manager	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
Retrofit																
Demand Response 3	0.84	n/a	n/a		n/a	n/a	n/a		1.00	n/a	n/a		n/a	n/a	n/a	
<b>Home Assistance Program</b>																
Home Assistance Program	n/a	1.34	0.14		n/a	1.00	1.00		n/a	1.00	0.91		n/a	1.00	1.00	
<b>Aboriginal Program</b>																
Home Assistance Program	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
Direct Install Lighting	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
<b>Pre-2011 Programs completed in 2011</b>																
Electricity Retrofit Incentive Program	0.77	n/a	n/a		0.52	n/a	n/a		0.77	n/a	n/a		0.52	n/a	n/a	
High Performance New Construction	1.00	1.00	1.00		0.50	0.50	0.50		1.00	1.00	1.00		0.50	0.50	0.50	
Toronto Comprehensive	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
Multifamily Energy Efficiency Rebates	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
LDC Custom Programs	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
<b>Other</b>																
Program Enabled Savings	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
Time-of-Use Savings	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	

## Summary Progress Towards CDM Targets

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

**Table 4: Net Peak Demand Savings at the End User Level (MW) (Scenerio 1)**

Implementation Period	Annual			
	2011	2012	2013	2014
2011 - Verified	0.7	0.6	0.6	0.5
2012 - Verified†	0.8	1.5	1.4	1.4
2013 - Verified†	0.0	0.0	0.9	0.5
2014				
Verified Net Annual Peak Demand Savings Persisting in 2014:				2.4
Festival Hydro Inc. 2014 Annual CDM Capacity Target:				6.2
Verified Portion of Peak Demand Savings Target Achieved in 2014 (%):				39.1%

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

Implementation Period	Annual				Cumulative
	2011	2012	2013	2014	2011-2014
2011 - Verified	2.2	2.2	2.2	2.2	8.9
2012 - Verified†	3.4	6.4	6.4	6.4	22.7
2013 - Verified†	0.0	0.0	2.8	2.8	5.5
2014					
Verified Net Cumulative Energy Savings 2011-2014:					37.2
Festival Hydro Inc. 2011-2014 Annual CDM Energy Target:					29.3
Verified Portion of Cumulative Energy Target Achieved in 2014 (%):					127.1%

† Includes adjustments to previous year's verified results

**Table 6: Province-Wide Initiatives and Program Level Net Savings by Year (Scenario 1)**

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)				Program-to-Date Verified Progress to Target (excludes DR)	
		2011*	2012*	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh)
Consumer Program															
Appliance Retirement	Appliances	56,110	34,146	20,014		3,299	2,011	1,272		23,005,812	13,424,518	7,746,950		6,443	147,670,757
Appliance Exchange	Appliances	3,688	3,836	4,378		371	556	907		450,187	974,621	1,617,408		1,597	7,747,341
HVAC Incentives	Equipment	92,743	87,427	91,581		32,037	19,060	19,552		59,437,670	32,841,283	33,923,592		70,650	404,121,713
Conservation Instant Coupon Booklet	Items	567,678	30,891	346,896		1,344	230	517		21,211,537	1,398,202	7,707,573		2,091	104,455,900
Bi-Annual Retailer Event	Items	952,149	1,060,901	944,772		1,681	1,480	1,184		29,387,468	26,781,674	17,179,841		4,345	232,254,579
Retailer Co-op	Items	152	0	0		0	0	0		2,652	0	0		0	10,607
Residential Demand Response	Devices	19,550	98,388	171,796		10,947	49,038	95,869		24,870	359,408	263,461		0	647,740
Residential Demand Response (IHD)	Devices	0	49,689	133,717		0	0	0		0	0	0		0	0
Residential New Construction	Homes	26	19	86		0	2	16		743	17,152	163,690		18	381,811
Consumer Program Total						49,681	72,377	119,317		133,520,941	75,796,859	68,602,515		85,144	897,290,448
Business Program															
Retrofit	Projects	2,819	6,093	8,757		24,467	61,147	59,509		136,002,258	314,922,468	344,604,758		142,664	2,167,023,694
Direct Install Lighting	Projects	20,741	18,691	17,782		23,724	15,284	18,708		61,076,701	57,345,798	64,315,558		49,886	519,693,356
Building Commissioning	Buildings	0	0	0		0	0	0		0	0	0		0	0
New Construction	Buildings	22	69	85		123	764	1,584		411,717	1,814,721	4,959,266		2,472	17,009,564
Energy Audit	Audits	198	345	319		0	1,450	2,653		0	7,049,351	14,583,681		4,102	50,315,416
Small Commercial Demand Response	Devices	132	294	1,211		84	187	773		157	1,068	1,297		0	2,521
Small Commercial Demand Response (IHD)	Devices	0	0	378		0	0	0		0	0	0		0	0
Demand Response 3	Facilities	145	151	175		16,218	19,389	26,338		633,421	281,823	294,024		0	1,209,268
Business Program Total						64,617	98,221	109,564		198,124,253	381,415,230	428,758,583		199,124	2,755,253,819
Industrial Program															
Process & System Upgrades	Projects	0	0	3		0	0	294		0	0	2,603,764		294	5,207,528
Monitoring & Targeting	Projects	0	0	0		0	0	0		0	0	0		0	0
Energy Manager	Projects	0	39	205		0	1,086	3,558		0	7,372,108	21,019,100		3,194	53,752,948
Retrofit	Projects	433	0	0		4,615	0	0		28,866,840	0	0		4,613	115,462,282
Demand Response 3	Facilities	124	185	281		52,484	74,056	165,132		3,080,737	1,784,712	4,245,451		0	9,110,900
Industrial Program Total						57,098	75,141	168,984		31,947,577	9,156,820	27,868,315		8,101	183,533,657
Home Assistance Program															
Home Assistance Program	Homes	46	5,033	26,756		2	566	2,361		39,283	5,442,232	20,987,275		2,930	58,458,380
Home Assistance Program Total						2	566	2,361		39,283	5,442,232	20,987,275		2,930	58,458,380
Aboriginal Program															
Home Assistance Program	Homes	0	0	584		0	0	267		0	0	1,609,393		267	3,218,786
Direct Install Lighting	Projects	0	0	0		0	0	0		0	0	0		0	0
Aboriginal Program Total						0	0	267		0	0	1,609,393		267	3,218,786
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	2,028	0	0		21,662	0	0		121,138,219	0	0		21,662	484,552,876
High Performance New Construction	Projects	179	69	4		5,098	3,251	772		26,185,591	11,901,944	3,522,240		9,121	147,492,677
Toronto Comprehensive	Projects	577	0	0		15,805	0	0		86,964,886	0	0		15,805	347,859,545
Multifamily Energy Efficiency Rebates	Projects	110	0	0		1,981	0	0		7,595,683	0	0		1,981	30,382,733
LDC Custom Programs	Projects	8	0	0		399	0	0		1,367,170	0	0		399	5,468,679
Pre-2011 Programs completed in 2011 Total						44,945	3,251	772		243,251,550	11,901,944	3,522,240		48,967	1,015,756,510
Other															
Program Enabled Savings	Projects	14	55	12		0	2,304	2,979		0	1,188,362	1,160,045		5,283	5,885,176
Time-of-Use Savings	Homes	0	0	0		0	0	0		0	0	0		0	0
Other Total						0	2,304	2,979		0	1,188,362	1,160,045		5,283	5,885,176
Adjustments to 2011 Verified Results															
Adjustments to 2012 Verified Results															
Energy Efficiency Total						136,610	109,191	116,133		603,144,419	482,474,435	547,704,133		349,816	4,908,426,347
Demand Response Total (Scenario 1)						79,733	142,670	288,112		3,739,185	2,427,011	4,804,233		0	10,970,429
Adjustments to Previous Year's Verified Results Total						0	1,406	6,181		0	18,689,081	36,823,743		7,265	185,830,610
OPA-Contracted LDC Portfolio Total (inc. Adjustments)						216,343	253,267	410,426		606,883,604	503,590,526	589,332,109		357,082	5,105,227,386
Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).						The IHD line item on the 2013 annual report has been left blank pending a results update from evaluations; results will be updated once sufficient information is made available.						Full OEB Target:			
												% of Full OEB Target Achieved to Date (Scenario 1):			
												1,330,0006,000,000,000			
												26.8%85.1%			

**% of Full OEB Target Achieved to Date (Scenario 1):**

**Table 7: Adjustments to Province-Wide Net Verified Results due to Variances**

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)			
		2011*	2012*	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program													
Appliance Retirement	Appliances	0	0			0	0			0	0		
Appliance Exchange	Appliances	0	0			0	0			0	0		
HVAC Incentives	Equipment	-18,844	2,206			-5,271	452			-9,709,500	907,735		
Conservation Instant Coupon Booklet	Items	8,216	0			16	0			275,655	0		
Bi-Annual Retailer Event	Items	81,817	0			108	0			2,183,391	0		
Retailer Co-op	Items	0	0			0	0			0	0		
Residential Demand Response	Devices	0	0			0	0			0	0		
Residential Demand Response (IHD)	Devices	0	0			0	0			0	0		
Residential New Construction	Homes	19	0			1	0			13,767	0		
Consumer Program Total						-5,146	452			-7,236,687	907,735		
Business Program													
Retrofit	Projects	303	488			3,204	4,183			16,216,165	27,458,566		
Direct Install Lighting	Projects	444	197			501	204			1,250,388	736,541		
Building Commissioning	Buildings	0	0			0	0			0	0		
New Construction	Buildings	12	0			828	0			3,520,620	0		
Energy Audit	Audits	95	65			481	0			2,341,392	0		
Small Commercial Demand Response	Devices	0	0			0	0			0	0		
Small Commercial Demand Response (IHD)	Devices	0	0			0	0			0	0		
Demand Response 3	Facilities	0	0			0	0			0	0		
Business Program Total						5,014	4,387			23,328,565	28,195,107		
Industrial Program													
Process & System Upgrades	Projects	0	0			0	0			0	0		
Monitoring & Targeting	Projects	0	0			0	0			0	0		
Energy Manager	Projects	0	0			0	0			0	0		
Retrofit	Projects	0	0			0	0			0	0		
Demand Response 3	Facilities	0	0			0	0			0	0		
Industrial Program Total						0	0			0	0		
Home Assistance Program													
Home Assistance Program	Homes	0	0			0	0			0	0		
Home Assistance Program Total						0	0			0	0		
Aboriginal Program													
Home Assistance Program	Homes	0	0			0	0			0	0		
Direct Install Lighting	Projects	0	0			0	0			0	0		
Aboriginal Program Total						0	0			0	0		
Pre-2011 Programs completed in 2011													
Electricity Retrofit Incentive Program	Projects	12	0			138	0			545,536	0		
High Performance New Construction	Projects	34	0			1,407	0			2,065,200	0		
Toronto Comprehensive	Projects	0	0			0	0			0	0		
Multifamily Energy Efficiency Rebates	Projects	0	0			0	0			0	0		
LDC Custom Programs	Projects	0	0			0	0			0	0		
Pre-2011 Programs completed in 2011 Total						1,545	0			2,610,736	0		
Other													
Program Enabled Savings	Projects	14	39			624	711			1,673,712	6,034,873		
Time-of-Use Savings	Homes	0	0			0	0			0	0		
Other Total						624	711			1,673,712	6,034,873		
Adjustments to 2011 Verified Results						2,037				20,376,325			
Adjustments to 2012 Verified Results							5,550				35,137,715		
Adjustments to Previous Year's Verified Results Total						2,037	5,550			20,376,325	35,137,715		

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

The IHD line item on the 2013 annual report has been left blank pending a results update from evaluations; results will be updated once sufficient information is made available.

Adjustments to previous years' results shown in this table will not align to adjustments shown in Table 1 as the information presented above does not consider persistence of savings

Table 8: Province-Wide Realization Rate &amp; NTG

Initiative	Peak Demand Savings								Energy Savings							
	Realization Rate				Net-to-Gross Ratio				Realization Rate				Net-to-Gross Ratio			
	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014
<b>Consumer Program</b>																
Appliance Retirement	1.00	1.00	1.00		0.51	0.46	0.42		1.00	1.00	1.00		0.46	0.47	0.44	
Appliance Exchange	1.00	1.00	1.00		0.51	0.52	0.53		1.00	1.00	1.00		0.52	0.52	0.53	
HVAC Incentives	1.00	1.00	1.00		0.60	0.50	0.48		1.00	1.00	1.00		0.50	0.49	0.48	
Conservation Instant Coupon Booklet	1.00	1.00	1.00		1.14	1.00	1.11		1.00	1.00	1.00		1.00	1.05	1.13	
Bi-Annual Retailer Event	1.00	1.00	1.00		1.12	0.91	1.04		1.00	1.00	1.00		0.91	0.92	1.04	
Retailer Co-op	1.00	n/a	n/a		0.68	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
Residential Demand Response	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
Residential Demand Response (IHD)	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
Residential New Construction	1.00	3.65	0.78		0.41	0.49	0.63		3.65	7.17	3.09		0.49	0.49	0.63	
<b>Business Program</b>																
Retrofit	1.06	0.93	0.92		0.72	0.75	0.73		0.93	1.05	1.01		0.75	0.76	0.73	
Direct Install Lighting	1.08	0.69	0.82		1.08	0.94	0.94		0.69	0.85	0.84		0.94	0.94	0.94	
Building Commissioning	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
New Construction	0.50	0.98	0.68		0.50	0.49	0.54		0.98	0.99	0.76		0.49	0.49	0.54	
Energy Audit	n/a	n/a	1.02		n/a	n/a	0.66		n/a	n/a	0.97		n/a	n/a	0.66	
Small Commercial Demand Response	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
Small Commercial Demand Response (IHD)	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
Demand Response 3	0.76	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
<b>Industrial Program</b>																
Process & System Upgrades	n/a	n/a	0.85		n/a	n/a	0.94		n/a	n/a	0.87		n/a	n/a	0.93	
Monitoring & Targeting	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
Energy Manager	n/a	1.16	0.90		n/a	0.90	0.90		1.16	1.16	0.90		0.90	0.90	0.90	
Retrofit	1.11	n/a	n/a		0.72	n/a	n/a		0.91	n/a	n/a		0.75	n/a	n/a	
Demand Response 3	0.84	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
<b>Home Assistance Program</b>																
Home Assistance Program	1.00	0.32	0.26		0.70	1.00	1.00		0.32	0.99	0.88		1.00	1.00	1.00	
<b>Aboriginal Program</b>																
Home Assistance Program	n/a	n/a	0.05		n/a	n/a	1.00		n/a	n/a	0.95		n/a	n/a	1.00	
Direct Install Lighting	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
<b>Pre-2011 Programs completed in 2011</b>																
Electricity Retrofit Incentive Program	0.80	n/a	n/a		0.54	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
High Performance New Construction	1.00	1.00	1.00		0.49	0.50	0.50		1.00	1.00	1.00		0.50	0.50	0.50	
Toronto Comprehensive	1.13	n/a	n/a		0.50	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
Multifamily Energy Efficiency Rebates	0.93	n/a	n/a		0.78	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
LDC Custom Programs	1.00	n/a	n/a		1.00	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	
<b>Other</b>																
Program Enabled Savings	n/a	1.06	1.00		n/a	1.00	1.00		1.06	2.26	1.00		1.00	1.00	1.00	
Time-of-Use Savings	n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a	n/a	

## Summary Provincial Progress Towards CDM Targets

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

Implementation Period	Annual			
	2011	2012	2013	2014
<b>2011</b>	216.3	136.6	135.8	129.0
<b>2012†</b>	1.4	253.3	109.8	108.2
<b>2013†</b>	0.6	6.2	410.4	119.9
<b>2014</b>				
<b>Verified Net Annual Peak Demand Savings in 2014:</b>				<b>357.1</b>
<b>2014 Annual CDM Capacity Target:</b>				<b>1,330</b>
<b>Verified Portion of Peak Demand Savings Target Achieved in 2014 (%):</b>				<b>26.8%</b>

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

Implementation Period	Annual				Cumulative
	2011	2012	2013	2014	2011-2014
<b>2011</b>	606.9	603.0	601.0	582.3	2,393.1
<b>2012†</b>	18.7	503.6	498.4	492.6	1,513.2
<b>2013†</b>	1.7	36.8	589.3	571.0	1,198.9
<b>2014</b>					
<b>Verified Net Cumulative Energy Savings 2011-2014:</b>					<b>5,105.2</b>
<b>2011-2014 Cumulative CDM Energy Target:</b>					<b>6,000</b>
<b>Verified Portion of Cumulative Energy Target Achieved in 2014 (%):</b>					<b>85.1%</b>

† Includes adjustments to previous year's verified results

## METHODOLOGY

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

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

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

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

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Residential New Construction	Results are directly attributed to LDC based on LDC identified in application in the saveONenergy CRM system; Initiative was not evaluated in 2011, reported results are presented with forecast assumptions as per the business case.	Savings are considered to begin in the year of the project completion date.	<b>Peak demand and energy savings</b> are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
<b>Business Program</b>			
Efficiency: Equipment Replacement	Results are directly attributed to LDC based on LDC identified at the facility level in the saveONenergy CRM; Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment denied by LDC"); Please see page for Building type to Sector mapping	Savings are considered to begin in the year of the actual project completion date on the iCON CRM system.	<b>Peak demand and energy savings</b> are determined by the total savings for a given project as reported in the iCON CRM system (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). Both realization rate and net-to-gross ratios can differ for energy and demand savings and depend on the mix of projects within an LDC territory (i.e. lighting or non-lighting project, engineered/custom/prescriptive track).
	<b>Additional Note:</b> project counts were derived by filtering out invalid statuses (e.g. Post-Project Submission - Payment denied by LDC) and only including projects with an "Actual Project Completion Date" in 2013)		

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

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Commercial Demand Response (part of the Residential program schedule)	Results are directly attributed to LDC based on data provided to OPA through project completion reports and continuing participant lists	Savings are considered to begin in the year the device was installed and/or when a customer signed a <i>peaksaver</i> PLUS™ participant agreement.	<b>Peak demand savings</b> are based on an ex ante estimate assuming a 1 in 10 weather year and represents the "insurance value" of the initiative. <b>Energy savings</b> are based on an ex post estimate which reflects the savings that occurred as a result of activations in the year. Savings are assumed to <b>persist</b> for only 1 year, reflecting that savings will only occur if the resource is activated.
Demand Response 3 (part of the Industrial program schedule)	Results are attributed to LDCs based on the total contracted megawatts at the contributor level as of December 31st, applying the provincial ex ante to contracted ratio (ex ante estimate/contracted megawatts); Ex post energy savings are attributed to the LDC based on their proportion of the total contracted megawatts at the contributor level.	Savings are considered to begin in the year in which the contributor signed up to participate in demand response.	<b>Peak demand savings</b> are ex ante estimates based on the load reduction capability that can be expected for the purposes of planning. The ex ante estimates factor in both scheduled non-performances (i.e. maintenance) and historical performance. <b>Energy savings</b> are based on an ex post estimate which reflects the savings that actually occurred as a results of activations in the year. Savings are assumed to persist for 1 year, reflecting that savings will not occur if the resource is not activated and additional costs are incurred to activate the resource.
<b>Industrial Program</b>			
Process & System Upgrades	Results are directly attributed to LDC based on LDC identified in application in the saveONenergy CRM system.	Savings are considered to begin in the year in which the incentive project was completed.	<b>Peak demand and energy savings</b> are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Monitoring & Targeting	Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated, no completed projects in 2011, 2012 or 2013.	Savings are considered to begin in the year in which the incentive project was completed.	<b>Peak demand and energy savings</b> are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).
Energy Manager	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the project was completed by the energy manager. If no date is specified the savings will begin the year of the Quarterly Report submitted by the energy manager.	<b>Peak demand and energy savings</b> are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).

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

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
<b>Home Assistance Program</b>			
Home Assistance Program	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the measures were installed.	<b>Peak demand and energy savings</b> are determined using the measure level per unit assumption multiplied by the uptake of each measure (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
<b>Aboriginal Program</b>			
Aboriginal Program	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the measures were installed.	<b>Peak demand and energy savings</b> are determined using the measure level per unit assumption multiplied by the uptake of each measure (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Pre-2011 Programs completed in 2011			
Electricity Retrofit Incentive Program	Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated in 2011, 2012 or 2013 assumptions as per 2010 evaluation	Savings are considered to begin in the year in which a project was completed.	<b>Peak demand and energy savings</b> are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). <b>If energy savings are not available</b> , an estimate is made based on the kWh to kW ratio in the provincial results from the 2010 evaluated results ( <a href="http://www.powerauthority.on.ca/evaluation-measurement-and-verification/evaluation-reports">http://www.powerauthority.on.ca/evaluation-measurement-and-verification/evaluation-reports</a> ).
High Performance New Construction	Results are directly attributed to LDC based on customer data provided to the OPA from Enbridge; Initiative was not evaluated in 2011, 2012 or 2013, assumptions as per 2010 evaluation	Savings are considered to begin in the year in which a project was completed.	
Toronto Comprehensive	Program run exclusively in Toronto Hydro-Electric System Limited service territory; Initiative was not evaluated in 2011, 2012 or 2013, assumptions as per 2010 evaluation		

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Multifamily Energy Efficiency Rebates	Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated in 2011, 2012 or 2013, assumptions as per 2010 evaluation	Savings are considered to begin in the year in which a project was completed.	<p><b>Peak demand and energy savings</b> are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&amp;V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). <b>If energy savings are not available</b>, an estimate is made based on the kWh to kW ratio in the provincial results from the 2010 evaluated results (<a href="http://www.powerauthority.on.ca/evaluation-measurement-and-verification/evaluation-reports">http://www.powerauthority.on.ca/evaluation-measurement-and-verification/evaluation-reports</a>).</p>
Data Centre Incentive Program	Program run exclusively in PowerStream Inc. service territory; Initiative was not evaluated in 2011, assumptions as per 2009 evaluation		
EnWin Green Suites	Program run exclusively in ENWIN Utilities Ltd. service territory; Initiative was not evaluated in 2011 or 2012, assumptions as per 2010 evaluation		

### Retrofit Sector (C&I vs. Industrial Mapping)

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

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

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

### Consumer Program Allocation Methodology

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

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

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

## Reporting Glossary

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

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

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

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

**Incremental:** the new resource savings attributable to activity procured in a particular reporting period based on when the savings are considered to 'start'.

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

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

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

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

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

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

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

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

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

Table 11: Festival Hydro Inc. Initiative and Program Level Gross Savings by Year

Initiative	Unit	Gross Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)			
		2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program									
Appliance Retirement**	Appliances	40	17	27		267,345	113,761	176,388	
Appliance Exchange**	Appliances	10	8	8		13,123	13,734	14,740	
HVAC Incentives	Equipment	227	138	158		435,131	250,834	288,512	
Conservation Instant Coupon Booklet	Items	4	1	2		59,377	4,638	23,935	
Bi-Annual Retailer Event	Items	5	6	4		94,096	102,221	57,513	
Retailer Co-op	Items	0	0	0		0	0	0	
Residential Demand Response	Devices	66	0	0		0	0	0	
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0	
Residential New Construction	Homes	0	0	0		0	0	0	
Consumer Program Total		352	169	200		869,073	485,188	561,088	
Business Program									
Retrofit	Projects	72	542	459		259,788	2,818,519	2,902,213	
Direct Install Lighting	Projects	119	83	40		360,875	291,481	139,102	
Building Commissioning	Buildings	0	0	0		0	0	0	
New Construction	Buildings	0	29	0		0	118,578	0	
Energy Audit	Audits	0	10	27		0	50,353	146,621	
Small Commercial Demand Response	Devices	0	0	0		0	0	0	
Small Commercial Demand Response (IHD)	Devices	0	0	0		0	0	0	
Demand Response 3	Facilities	68	68	78		2,665	995	927	
Business Program Total		259	733	604		623,328	3,279,925	3,188,864	
Industrial Program									
Process & System Upgrades	Projects	0	0	0		0	0	0	
Monitoring & Targeting	Projects	0	0	0		0	0	0	
Energy Manager	Projects	0	0	0		0	0	0	
Retrofit	Projects	89	0	0		601,032	0	0	
Demand Response 3	Facilities	0	0	345		0	0	7,598	
Industrial Program Total		89	0	345		601,032	0	7,598	
Home Assistance Program									
Home Assistance Program	Homes	0	0	21		0	4,983	189,557	
Home Assistance Program Total		0	0	21		0	4,983	189,557	
Aboriginal Program									
Home Assistance Program	Homes	0	0	0		0	0	0	
Direct Install Lighting	Projects	0	0	0		0	0	0	
Aboriginal Program Total		0	0	0		0	0	0	
Pre-2011 Programs completed in 2011									
Electricity Retrofit Incentive Program	Projects	297	0	0		1,374,694	0	0	
High Performance New Construction	Projects	1	1	0		3,682	766	0	
Toronto Comprehensive	Projects	0	0	0		0	0	0	
Multifamily Energy Efficiency Rebates	Projects	0	0	0		0	0	0	
LDC Custom Programs	Projects	0	0	0		0	0	0	
Pre-2011 Programs completed in 2011 Total		298	1	0		1,378,376	766	0	
Other									
Program Enabled Savings	Projects	0	0	0		0	0	0	
Time-of-Use Savings	Homes	0	0	0		0	0	0	
Other Total		0	0	0		0	0	0	
Adjustments to 2011 Verified Results		0	1,623	0		0	7,102,512	0	
Adjustments to 2012 Verified Results		0	0	3		0	0	5,963	
Energy Efficiency Total		864	834	746		3,469,144	3,769,867	3,938,581	
Demand Response Total		134	68	423		2,665	995	8,525	
Adjustments to Previous Year's Verified Results Total		0	1,623	3		0	7,102,512	5,963	
OPA-Contracted LDC Portfolio Total (inc. Adjustments)		998	2,526	1,173		3,471,809	10,873,374	3,953,069	

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

The IHD line item on the 2013 annual report has been left blank pending a results update from evaluations; results will be updated once sufficient information is made available.

Adjustments to previous years' results shown in this table will not align to adjustments shown in Table 1 as the information presented above does not consider persistence of savings

Gross results are presented for informational purposes only and are not considered official 2013 Draft Verified Results  
 \*\*Net results substituted for gross results due to inavailability of data

Table 12: Adjustments to **Festival Hydro Inc.** Gross Verified Results due to Variances

Initiative	Unit	Gross Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)			
		2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program									
Appliance Retirement	Appliances	0	0			0	0		
Appliance Exchange	Appliances	0	0			0	0		
HVAC Incentives	Equipment	-30	3			-58,739	5,963		
Conservation Instant Coupon Booklet	Items	0	0			895	0		
Bi-Annual Retailer Event	Items	0	0			8,303	0		
Retailer Co-op	Items	0	0			0	0		
Residential Demand Response	Devices	0	0			0	0		
Residential Demand Response (IHD)	Devices	0	0			0	0		
Residential New Construction	Homes	0	0			0	0		
Consumer Program Total		-30	3			-49,541	5,963		
Business Program									
Retrofit	Projects	4	0			2,153	0		
Direct Install Lighting	Projects	5	0			12,471	0		
Building Commissioning	Buildings	0	0			0	0		
New Construction	Buildings	1,638	0			7,112,252	0		
Energy Audit	Audits	5	0			25,176	0		
Small Commercial Demand Response	Devices	0	0			0	0		
Small Commercial Demand Response (IHD)	Devices	0	0			0	0		
Demand Response 3	Facilities	0	0			0	0		
Business Program Total		1,653	0			7,152,052	0		
Industrial Program									
Process & System Upgrades	Projects	0	0			0	0		
Monitoring & Targeting	Projects	0	0			0	0		
Energy Manager	Projects	0	0			0	0		
Retrofit	Projects	0	0			0	0		
Demand Response 3	Facilities	0	0			0	0		
Industrial Program Total		0	0			0	0		
Home Assistance Program									
Home Assistance Program	Homes	0	0			0	0		
Home Assistance Program Total		0	0			0	0		
Aboriginal Program									
Home Assistance Program	Homes	0	0			0	0		
Direct Install Lighting	Projects	0	0			0	0		
Aboriginal Program Total									
Pre-2011 Programs completed in 2011									
Electricity Retrofit Incentive Program	Projects	0	0			0	0		
High Performance New Construction	Projects	0	0			0	0		
Toronto Comprehensive	Projects	0	0			0	0		
Multifamily Energy Efficiency Rebates	Projects	0	0			0	0		
LDC Custom Programs	Projects	0	0			0	0		
Pre-2011 Programs completed in 2011 Total		0	0			0	0		
Other									
Program Enabled Savings	Projects	0	0			0	0		
Time-of-Use Savings	Homes	0	0			0	0		
Other Total		0	0			0	0		
Adjustments to 2011 Verified Results		1,623				7,102,512			
Adjustments to 2012 Verified Results			3				5,963		
Total Adjustments to Previous Year's Verified Results		1,623	3			7,102,512	5,963		

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

The IHD line item on the 2013 annual report has been left blank pending a results update from evaluations; results will be updated once sufficient information is made available.

Gross results are presented for informational purposes only and are not considered official 2013 Draft Verified Results

Table 13: Province-Wide Initiatives and Program Level Gross Savings by Year

Initiative	Unit	Gross Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)			
		2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program									
Appliance Retirement**	Appliances	6,750	2,011	3,012		45,971,627	13,424,518	17,760,133	
Appliance Exchange**	Appliances	719	556	1,723		873,531	974,621	3,072,972	
HVAC Incentives	Equipment	53,209	38,346	40,418		99,413,430	66,929,213	71,225,037	
Conservation Instant Coupon Booklet	Items	1,184	231	464		19,192,453	1,325,898	6,842,244	
Bi-Annual Retailer Event	Items	1,504	1,622	1,142		26,899,265	29,222,072	16,441,329	
Retailer Co-op	Items	0	0	0		3,917	0	0	
Residential Demand Response	Devices	10,390	49,038	95,869		23,597	359,408	263,461	
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0	
Residential New Construction	Homes	0	1	26		1,813	4,884	259,826	
Consumer Program Total		73,757	91,805	142,654		192,379,633	112,240,615	115,865,002	
Business Program									
Retrofit	Projects	34,201	78,965	82,646		184,070,265	387,817,248	477,343,220	
Direct Install Lighting	Projects	22,155	20,469	19,807		65,777,197	68,896,046	68,140,249	
Building Commissioning	Buildings	0	0	0		0	0	0	
New Construction	Buildings	247	1,596	2,934		823,434	3,755,869	9,183,826	
Energy Audit	Audits	0	1,450	4,042		0	7,049,351	22,066,516	
Small Commercial Demand Response	Devices	55	187	773		131	1,068	1,297	
Small Commercial Demand Response (IHD)	Devices	0	0	0		0	0	0	
Demand Response 3	Facilities	21,390	19,389	26,338		633,421	281,823	294,024	
Business Program Total		78,048	122,056	136,539		251,304,448	467,801,406	577,029,131	
Industrial Program									
Process & System Upgrades	Projects	0	0	313		0	0	2,799,746	
Monitoring & Targeting	Projects	0	0	0		0	0	0	
Energy Manager	Projects	0	1,034	3,953		0	7,067,535	23,354,555	
Retrofit	Projects	6,372	0	0		38,412,408	0	0	
Demand Response 3	Facilities	176,180	74,056	165,132		4,243,958	1,784,712	4,245,451	
Industrial Program Total		182,552	75,090	169,398		42,656,366	8,852,247	30,399,752	
Home Assistance Program									
Home Assistance Program	Homes	4	1,777	2,361		56,119	5,524,230	20,987,275	
Home Assistance Program Total		4	1,777	2,361		56,119	5,524,230	20,987,275	
Aboriginal Program									
Home Assistance Program	Homes	0	0	267		0	0	1,609,393	
Direct Install Lighting	Projects	0	0	0		0	0	0	
Aboriginal Program Total		0	0	267		0	0	1,609,393	
Pre-2011 Programs completed in 2011									
Electricity Retrofit Incentive Program	Projects	40,418	0	0		223,956,390	0	0	
High Performance New Construction	Projects	10,197	6,501	772		52,371,183	23,803,888	3,522,240	
Toronto Comprehensive	Projects	33,467	0	0		174,070,574	0	0	
Multifamily Energy Efficiency Rebates	Projects	2,553	0	0		9,774,792	0	0	
LDC Custom Programs	Projects	534	0	0		649,140	0	0	
Pre-2011 Programs completed in 2011 Total		87,169	6,501	772		460,822,079	23,803,888	3,522,240	
Other									
Program Enabled Savings	Projects	0	2,177	2,979		0	525,011	1,160,045	
Time-of-Use Savings	Homes	0	0	0		0	0	0	
Other Total		0	2,177	2,979		0	525,011	1,160,045	
Adjustments to 2011 Verified Results			13,266	635			48,705,294	1,694,293	
Adjustments to 2012 Verified Results				7,840				47,147,540	
Energy Efficiency Total		213,515	156,735	166,859		942,317,539	616,320,385	745,768,605	
Demand Response Total		208,015	142,670	288,112		4,901,107	2,427,011	4,804,233	
Adjustments to Previous Year's Verified Results Total		0	13,266	8,474		0	48,705,294	48,841,832	
OPA-Contracted LDC Portfolio Total (inc. Adjustments)		421,530	312,671	463,445		947,218,646	667,452,690	799,414,670	

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

The IHD line item on the 2013 annual report has been left blank pending a results update from evaluations; results will be updated once sufficient information is

Adjustments to previous years' results shown in this table will not align to adjustments shown in Table 1 as the information presented above does not consider persistence of savings

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\*\*Net results substituted for gross results due to inavailability of data

Table 14: Adjustments to Province-Wide Gross Verified Results due to Variances

Table 14: Adjustments to Province-wide Gross Verified Results due to variances										
Initiative		Unit	Gross Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)			
			2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program										
Appliance Retirement	Appliances	0	0			0	0			
Appliance Exchange	Appliances	0	0			0	0			
HVAC Incentives	Equipment	-8,762	1,036			-16,245,279	1,854,833			
Conservation Instant Coupon Booklet	Items	15	0			255,975	0			
Bi-Annual Retailer Event	Items	117	0			2,373,616	0			
Retailer Co-op	Items	0	0			0	0			
Residential Demand Response	Devices	0	0			0	0			
Residential Demand Response (IHD)	Devices	0	0			0	0			
Residential New Construction	Homes	0	0			328,256	0			
Consumer Program Total			-8,630	1,036		-13,287,430	1,854,833			
Business Program										
Retrofit	Projects	4,504	5,876			22,046,931	38,475,976			
Direct Install Lighting	Projects	541	217			1,346,618	781,858			
Building Commissioning	Buildings	0	0			0	0			
New Construction	Buildings	3,243	0			11,323,593	0			
Energy Audit	Audits	481	0			2,341,392	0			
Small Commercial Demand Response	Devices	0	0			0	0			
Small Commercial Demand Response (IHD)	Devices	0	0			0	0			
Demand Response 3	Facilities	0	0			0	0			
Business Program Total			8,769	6,092		37,058,534	39,257,834			
Industrial Program										
Process & System Upgrades	Projects	0	0			0	0			
Monitoring & Targeting	Projects	0	0			0	0			
Energy Manager	Projects	0	0			0	0			
Retrofit	Projects	0	0			0	0			
Demand Response 3	Facilities	0	0			0	0			
Industrial Program Total			0	0		0	0			
Home Assistance Program										
Home Assistance Program	Homes	0	0			0	0			
Home Assistance Program Total			0	0		0	0			
Aboriginal Program										
Home Assistance Program	Homes	0	0			0	0			
Direct Install Lighting	Projects	0	0			0	0			
Aboriginal Program Total			0	0		0	0			
Pre-2011 Programs completed in 2011										
Electricity Retrofit Incentive Program	Projects	266	0			1,049,108	0			
High Performance New Construction	Projects	12,872	0			23,905,663	0			
Toronto Comprehensive	Projects	0	0			0	0			
Multifamily Energy Efficiency Rebates	Projects	0	0			0	0			
LDC Custom Programs	Projects	0	0			0	0			
Pre-2011 Programs completed in 2011 Total			13,137	0		24,954,771	0			
Other										
Program Enabled Savings	Projects	624	711			1,673,712	6,034,873			
Time-of-Use Savings	Homes	0	0			0	0			
Other Total			624	711		1,673,712	6,034,873			
Adjustments to 2011 Verified Results			13,900			50,399,586				
Adjustments to 2012 Verified Results				7,840			47,147,540			
Adjustments to Previous Year's Verified Results Total			13,900	7,840		50,399,586	47,147,540			

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

The IHD line item on the 2013 annual report has been left blank pending a results update from evaluations; results will be updated once sufficient information is made available.

Gross results are presented for informational purposes only and are not considered official 2013 Draft Verified Results



File Number: EB 2014 0073  
Exhibit: 4  
Tab: 3  
Schedule: 6  
Attachment: 1  
Date: 25-Apr-14

## Appendix 2-M Regulatory Cost Schedule

Regulatory Cost Category	USoA Account	USoA Account Balance	Ongoing or One-time Cost? <sup>2</sup>	Last Rebasing Year (2010 Board Approved)	Most Current Actuals (Draft) 2013	2014 Bridge Year	Annual % Change	2015 Test Year	Annual % Change
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H) = [(G)-(F)]/(F)	(I)	(J) = [(I)-(G)]/(G)
1 OEB Annual Assessment	5655		On-Going		\$ 56,328	\$ 60,000	6.52%	\$ 60,000	0.00%
2 OEB Section 30 Costs (Applicant-originated)	5655		On-Going		\$ 2,117	\$ 3,000	41.71%	\$ 3,000	0.00%
3 OEB Section 30 Costs (OEB-initiated)	5655								
4 Expert Witness costs for regulatory matters	5655								
5 Legal costs for regulatory matters	5655		One-Time	\$ 14,000	\$ 2,738	\$ 4,000	46.09%		-100.00%
6 Consultants' costs for regulatory matters	5655		One-Time	\$ 14,000	\$ 4,000	\$ 4,000	0.00%		-100.00%
7 Operating expenses associated with staff resources allocated to regulatory matters	5655		One-Time	\$ 6,000					
8 Operating expenses associated with other resources allocated to regulatory matters <sup>1</sup>	5655		One-Time		\$ 4,959	\$ 1,600	-67.74%		-100.00%
9 Other regulatory agency fees or assessments	5655		On-Going		\$ 800	\$ 800	0.00%	\$ 800	0.00%
10 Any other costs for regulatory matters (please define)	5655		One-Time		\$ 29,435	\$ 12,000	-59.23%	\$ 39,300	227.50%
11 Intervenor costs	5655		One-Time	\$ 6,000	\$ 3,843		-100.00%		
12 Sub-total - Ongoing Costs <sup>3</sup>		\$ -		\$ -	\$ 57,128	\$ 60,800	6.43%	\$ 60,800	0.00%
13 Sub-total - One-time Costs <sup>4</sup>		\$ -		\$ 40,000	\$ 47,092	\$ 24,600	-47.76%	\$ 42,300	71.95%
14 Total		\$ -		\$ 40,000	\$ 104,220	\$ 85,400	-18.06%	\$ 103,100	20.73%

Please fill out the following table for all one-time costs related to this cost of service application to be amortized over the test year plus the IRM period.

	Historical Year(s)	2014 Bridge Year	2015 Test Year	Application Gross Cost
4 Expert Witness costs				
5 Legal costs			3,200.00	16,000.00
6 Consultants' costs			6,600.00	33,000.00
7 Incremental operating expenses associated with staff resources allocated to this application.			8,400.00	42,000.00
8 Incremental operating expenses associated with other resources allocated to this application. <sup>1</sup>			1,100.00	5,500.00
11 Intervenor costs			20,000.00	100,000.00

39,300      196,500.00

<sup>1</sup> Please identify the resources involved.

<sup>2</sup> Where a category's costs include both one-time and ongoing costs, the applicant should prove a separate breakdown between one-time and ongoing costs.

<sup>3</sup> Sum of all ongoing costs identified in rows 1 to 11 inclusive.

<sup>4</sup> Sum of all one-time costs identified in rows 1 to 11 inclusive.

# Income Tax/PILs Workform for 2014 Filers

## PILs Tax Provision - Test Year

### Wires Only

Regulatory Taxable Income

\$ 930,323 A

Ontario Income Taxes

Income tax payable

Ontario Income Tax

11.50% B

\$

106,987 C = A \* B

Small business credit

Ontario Small Business Threshold

\$ 500,000 D

Rate reduction

-7.00% E

-\$

35,000 F = D \* E

Ontario Income tax

\$ 71,987 J = C + F

Combined Tax Rate and PILs

Effective Ontario Tax Rate

7.74%

K = J / A

Federal tax rate

15.00%

L

Combined tax rate

22.74% M = K + L

Total Income Taxes

\$ 211,536 N = A \* M

Investment Tax Credits

\$ 10,000 O

Miscellaneous Tax Credits

P

Total Tax Credits

\$ 10,000 Q = O + P

Corporate PILs/Income Tax Provision for Test Year

\$ 201,536 R = N - Q

Corporate PILs/Income Tax Provision Gross Up <sup>1</sup>

77.26%

S = 1 - M

\$ 59,311 T = R / S - R

Income Tax (grossed-up)

\$ 260,846 U = R + T

Note:

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

## PILs Tax Provision - Test Year

				Wires Only
<b>Regulatory Taxable Income</b>				\$930,323 <b>A</b>
<b>Ontario Income Taxes</b>				
<i>Income</i> Ontario Income Tax	11.50%	<b>B</b>	\$ 106,987	<b>C = A * B</b>
<i>Small bus.</i> Ontario Small Business Threshold	\$ -	<b>D</b>		
Rate reduction	-7.00%	<b>E</b>	\$ -	<b>F = D * E</b>
<i>Ontario Income tax</i>				15%
				\$106,987 <b>J = C + F</b>
<b>Combined Effective Ontario Tax Rate</b>				11.50% <b>K = J / A</b>
Federal tax rate				15.00% <b>L</b>
Combined tax rate				26.50% <b>M = K + L</b>
<b>Total Income Taxes</b>				\$246,536 <b>N = A * M</b>
Investment Tax Credits				\$ 10,000 <b>O</b>
Miscellaneous Tax Credits				<b>P</b>
<b>Total Tax Credits</b>				\$ 10,000 <b>Q = O + P</b>
<b>Corporate PILs/Income Tax Provision for Test Year</b>				\$236,536 <b>R = N - Q</b>
Corporate PILs/Income Tax Provision Gross Up <sup>1</sup>				73.50% <b>S = 1 - M</b>
				\$ 85,282 <b>T = R / S - R</b>
<b>Income Tax (grossed-up)</b>				\$321,817 <b>U = R + T</b>

**Note:**  
used for sufficiency/deficiency calculations.

**Festival Hydro Inc.**  
**ESTIMATED BENEFIT EXPENSE (CICA 3461)**  
**DRAFT**

**Calendar Year 2014**

Discount Rate - January 1	4.60%
Discount Rate - December 31	3.90%
Withdrawal Rate	age based table
Assumed increase in Employer Contributions	expected*

**A. Determination of Benefit Expense**

Current Service Cost	23,676
Interest on Benefits	57,629
Expected Interest on Assets	-
Past Service Cost	-
Transitional Obligation/(Asset)	-
Actuarial (Gain)/Loss	(22,090)
<b>Benefit Expense</b>	<b>59,215</b>

**B. Reconciliation of Prepaid Benefit Asset (Liability)**

Accrued Benefit Obligation (ABO) as at December 31	1,401,958
Assets as at December 31	-
Unfunded ABO	(1,401,958)
Unrecognized Loss/(Gain)	-
Unrecognized Transition	-
<b>Prepaid Benefit Asset (Liability)</b>	<b>(1,401,958)</b>
Prepaid Benefit/(Liability) as at January 1	(1,397,008)
Benefit Income/(Expense)	(59,215)
Contributions/Benefit Payments by the Employer	54,266
<b>Prepaid Benefit Asset (Liability)</b>	<b>(1,401,958)</b>

\* Based on estimated employer benefit payments for those expected to be eligible for benefits

**Festival Hydro Inc.**  
**ESTIMATED BENEFIT EXPENSE (CICA 3461)**  
**DRAFT**

**Calendar Year 2014**

Discount Rate - January 1	4.60%
Discount Rate - December 31	3.90%
Withdrawal Rate	age based table
Assumed increase in Employer Contributions	expected*

**C. Calculation of Component Items**

**Calculation of the Service Cost**

- Current service cost	23,676
------------------------	--------

**Interest on Benefits**

- ABO at January 1	1,256,256
- Current service cost	23,676
- Benefit payments	(27,133)
- Accrued benefits	1,252,799
- Interest	57,629

**Expected Interest on Assets**

- Assets at January 1	-
- Funding	27,133
- Benefit payments	(27,133)
- Expected assets	-
- Interest	-

**Expected ABO as at December 31**

- ABO at January 1	1,256,256
- Current service cost	23,676
- Interest on benefits	57,629
- Benefit payments	(54,266)
- Expected ABO at December 31	1,283,295

**Expected Assets as at December 31**

- Assets at January 1	-
- Funding	54,266
- Interest on assets	-
- Benefit payments	(54,266)
- Expected Assets at December 31	-

**Festival Hydro Inc.**  
**ESTIMATED BENEFIT EXPENSE (CICA 3461)**  
**DRAFT**

**Calendar Year 2014**

Discount Rate - January 1	4.60%
Discount Rate - December 31	3.90%
Withdrawal Rate	age based table
Assumed increase in Employer Contributions	expected*

**D. Actuarial (Gain)/Loss**

(Gain)/Loss on ABO as at January 1	
- Prepaid Benefit/(Liability) as at January 1	1,397,008
- Unamortized (Gain)/Loss	-
- Expected ABO	1,397,008
- Actual ABO	1,256,256
- Total (Gain)/Loss on ABO	(140,752)
 (Gain)/Loss on assets as at January 1	
- Expected assets	-
- Actual assets	-
- (Gain)/Loss on assets	-
 Total (Gain)/Loss as at January 1	(140,752)
 10% of ABO as at January 1	125,626
Total (Gain)/Loss in excess of 10%	(15,127)
 Expected average remaining service life (years)	11
 Minimum Amortization for current year	(1,375)
 (Gain)/Loss on ABO at December 31 due to change in discount rate assumption	
- Expected ABO - December 31	1,283,295
- Actual ABO - December 31	1,401,958
- (Gain)/Loss on ABO at December 31	118,662
 Actual Amortization for current year	(22,090)
 Unamortized (Gain)/Loss	-

**Festival Hydro Inc.**  
**ESTIMATED BENEFIT EXPENSE (IAS 19)**  
**DRAFT**

	Projected	Projected**	Projected**
	CY 2014	CY 2015	CY 2016
Discount Rate at January 1	4.60%	3.90%	3.90%
Discount Rate at December 31	3.90%	3.90%	3.90%
Health Benefit Cost Trend Rate at December 31			
Initial Rate	7.00%	6.70%	6.40%
Ultimate Rate	4.60%	4.60%	4.60%
Year Ultimate Rate Reached	2022	2022	2022
Dental Benefit Cost Trend Rate	4.60%	4.60%	4.60%
Salary Scale Rate	2.60%	2.60%	2.60%
Assumed Increase in Employer Contributions	expected*	expected*	expected*

**A. Change in the Net Defined Benefit Liability/(Asset) Recognized in Balance Sheet**

Net Defined Benefit Liability/(Asset) as at January 1	1,219,179	1,357,108	1,379,334
Defined Benefit Cost Recognized in Income Statement	80,149	81,774	83,774
Defined Benefit Cost Recognized in Other Comprehensive Income	112,046	-	-
Benefits Paid by the Employer	(54,266)	(59,548)	(61,428)
<b>Net Defined Benefit Liability/(Asset) as at December 31</b>	<b>1,357,108</b>	<b>1,379,334</b>	<b>1,401,680</b>

**B. Determination of Defined Benefit Cost**

***B1. Determination of Defined Benefit Cost Recognized in Income Statement***

Service Cost			
- Current Service Cost	25,315	30,008	31,178
- Past Service Cost	-	-	-
Net Interest Cost	54,834	51,766	52,596
<b>Defined Benefit Cost Recognized in Income Statement</b>	<b>80,149</b>	<b>81,774</b>	<b>83,774</b>

***B2. Remeasurements of the Net Defined Benefit Liability/(Asset) Recognized in Other Comprehensive Income***

Net Actuarial Loss/(Gain) arising from Changes in Financial Assumptions	112,046	-	-
Net Actuarial Loss/(Gain) arising from Changes in Demographic Assumptions	-	-	-
Return on Plan Assets (excluding amounts included in net interest cost)	-	-	-
Change in effect of asset ceiling	-	-	-
<b>Defined Benefit Cost Recognized in Other Comprehensive Income</b>	<b>112,046</b>	<b>-</b>	<b>-</b>
<b>Total Defined Benefit Cost</b>	<b>192,195</b>	<b>81,774</b>	<b>83,774</b>

**C. Change in the Present Value of Defined Benefit Obligation**

Present Value of Defined Benefit Obligation as at January 1	1,219,179	1,357,108	1,379,334
Current Service Cost	25,315	30,008	31,178
Past Service Cost	-	-	-
Interest Cost	54,834	51,766	52,596
Benefits Paid	(54,266)	(59,548)	(61,428)
Net Actuarial Loss/(Gain)	112,046	-	-
<b>Present Value of Defined Benefit Obligation as at December 31</b>	<b>1,357,108</b>	<b>1,379,334</b>	<b>1,401,680</b>

\* based on estimated employer benefit paid for those expected to be eligible for benefits

\*\*Projected CY2015 and 2016 results are provided for informational purposes only. Significant changes such as re-negotiated benefits, increased benefit costs, or significant swings in demographics may require a full actuarial review.

**Festival Hydro Inc.**  
**ESTIMATED BENEFIT EXPENSE (IAS 19)**  
**DRAFT**

	Projected	Projected**	Projected**
	CY 2014	CY 2015	CY 2016
Discount Rate at January 1	4.60%	3.90%	3.90%
Discount Rate at December 31	3.90%	3.90%	3.90%
Health Benefit Cost Trend Rate at December 31			
Initial Rate	7.00%	6.70%	6.40%
Ultimate Rate	4.60%	4.60%	4.60%
Year Ultimate Rate Reached	2022	2022	2022
Dental Benefit Cost Trend Rate	4.60%	4.60%	4.60%
Salary Scale Rate	2.60%	2.60%	2.60%
Assumed Increase in Employer Contributions	expected*	expected*	expected*

**D. Calculation of Component Items**

**Service Cost**

- Current Service Cost	25,315	30,008	31,178
- Past Service Cost	-	-	-

**Interest Cost**

- Net Defined Benefit Liability/(Asset) as at January 1	1,219,179	1,357,108	1,379,334
- Benefits Paid	(27,133)	(29,774)	(30,714)
- Accrued Benefits	1,192,046	1,327,334	1,348,620
- Interest Cost	54,834	51,766	52,596

**Expected Present Value of Defined Benefit Obligation as at December 31**

- Present Value of Defined Benefit Obligation as at January 1	1,219,179	1,357,108	1,379,334
- Current Service Cost	25,315	30,008	31,178
- Interest Cost	54,834	51,766	52,596
- Benefits Paid	(54,266)	(59,548)	(61,428)
- Expected Present Value of Defined Benefit Obligation as at December 31	1,245,062	1,379,334	1,401,680

**E. Net Actuarial Loss/(Gain)**

Net Actuarial Loss/(Gain) on Present Value of Defined Benefit Obligation as at December 31			
- Expected Present Value of Defined Benefit Obligation	1,245,062	1,379,334	1,401,680
- Past Service Cost	-	-	-
- Expected Present Value of Defined Benefit Obligation (after Past Service Cost)	1,245,062	1,379,334	1,401,680
- Actual Present Value of Defined Benefit Obligation	1,357,108	1,379,334	1,401,680
- Net Actuarial Loss/(Gain) on Present Value of Defined Benefit Obligation	112,046	-	-

\* based on estimated employer Benefits Paid for those expected to be eligible for benefits.

COLLINS BARROW TORONTO

# ACTUARIAL SERVICES

## FESTIVAL HYDRO INC.

Report on the Actuarial Valuation of  
Post-Retirement Non-Pension Benefits

As at January 1, 2014

**DRAFT – August 15, 2014**

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Collins Barrow

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## EXECUTIVE SUMMARY

### PURPOSE

MEARIE Actuarial Services and Collins Barrow Toronto Actuarial Services Inc. were engaged by Festival Hydro Inc. (the “Corporation”) to perform an actuarial valuation of the post-retirement non-pension benefits sponsored by the Corporation and to determine the accounting results for those benefits for the fiscal period ending December 31, 2014. The nature of these benefits is defined benefit.

This report is prepared in accordance with The Canadian Institute of Chartered Accountants (the “CICA”) guidelines outlined in Employee Future Benefits, Section 3461 of the CICA Handbook-Accounting (“CICA Section 3461”). CICA Section 3461 was first applied to the Corporation with effect from January 1, 2000.

The most recent full valuation was prepared as at January 1, 2011 based on the then appropriate assumptions.

The purpose of this valuation is threefold:

- i) to determine the Corporation’s liabilities in respect of post-retirement non-pension benefits at January 1, 2014;
- ii) to determine the benefit expense for fiscal year 2014; and
- iii) to provide all other pertinent information necessary for compliance with CICA Section 3461.

The intended users of this report include the Corporation and its auditors. This report is not intended for use by the plan beneficiaries or for use in determining any funding of the benefit obligations.

## SUMMARY OF KEY RESULTS

The key results of this actuarial valuation as at January 1, 2014 with comparative results from the previous valuation as at January 1, 2011 are shown below:

	January 1, 2011 (\$000s)	January 1, 2014 (\$000s)
Accrued Benefit Obligation (ABO)		
a) People in receipt of benefits	635	661
b) Fully eligible actives	116	202
c) Not fully eligible actives	<u>461</u>	<u>393</u>
<b>Total ABO</b>	<b>1,212</b>	<b>1,256</b>
Current Service Cost: <i>for following 12 months</i>	25	24
Benefit Expense: <i>for following 12 months</i>	(46)	41
Prepaid Benefit Liability: <i>at January 1</i>		1,397

The January 1, 2014 Prepaid Benefit Liability is based on the Corporation's financial statements as at December 31, 2013.

## ACTUARIAL CERTIFICATION

An actuarial valuation has been performed on the post-retirement non-pension benefit plans sponsored by Festival Hydro Inc. (the "Corporation") as at January 1, 2014, for the purposes described in this report.

In accordance with the Canadian Institute of Actuaries Consolidated Standards of Practice General Standards, we hereby certify that, in our opinion, for the purposes stated in the Executive Summary:

1. The data on which the valuation is based is sufficient and reliable;
2. The assumptions employed, as outlined in this report, have been selected by the Corporation as management's best estimate assumptions (no provision for adverse deviations) and we express no opinion on them;
3. All known substantive commitments with respect to the post-retirement non-pension benefits sponsored by and identified by the Corporation are included in the calculations; and
4. This report has been prepared, and our opinions given, in accordance with accepted actuarial practice in Canada.

We are not aware of any subsequent events from January 1, 2014 up to the date of this report that would have a significant effect on our valuation.

The latest date on which the next actuarial valuation should be performed is January 1, 2017. If any supplemental advice or explanation is required, please advise the undersigned.

Respectfully submitted,

**COLLINS BARROW TORONTO ACTUARIAL SERVICES INC.**

**Stanley Caravaggio, FSA FCIA**  
Senior Manager

**Patrick G. Kavanagh, AB ASA ACIA CERA**  
Manager

Toronto, Ontario

August 15,, 2014

## SECTION A— VALUATION RESULTS

Table A - 1 shows the key valuation results for the prior valuation and the current valuation.

Table A - 2 shows the sensitivity of the valuation results to certain changes in assumptions. We have shown a change to the assumed retirement age from age 60 to 58, and an increase/decrease in the health and dental claims cost trend rates by 1% per annum.

Table A - 3 presents the determination of the actuarial gain/(loss) from the previous valuation at January 1, 2011.

**VALUATION RESULTS****Table A.1—Valuation Results**

	<b>January 1, 2011 (\$000s)</b>	<b>January 1, 2014 (\$000s)</b>
1. Accrued Benefit Obligation		
a) People in receipt of benefits	635	661
b) Fully eligible actives	116	202
c) Not fully eligible actives	<u>461</u>	<u>393</u>
<b>Total ABO</b>	<b>1,212</b>	<b>1,256</b>
2. Benefit Expense		
a) Current Service Cost	25	24
b) Interest Cost	60	58
c) Expected Return on Assets	-	-
d) Amortization of Transition Amount	-	-
e) Amortization of Prior Service Cost	-	-
f) Amortization of (Gain)/Losses*	<u>(131)</u>	<u>(141)</u>
<b>Total Benefit Expense</b> <i>for following 12 months</i>	<b>(46)</b>	<b>(59)</b>
3. Expected Benefit Payments <i>for following 12 months</i>	65	54

\*The Amortization of (Gains)/Losses as of January 1<sup>st</sup> excludes any realised gains or losses realised at December 31<sup>st</sup>

## SENSITIVITY ANALYSIS

Table A.2—Sensitivity Analysis

		January 1, 2014 (\$000s)			
		Valuation Results	Retirement Age 58	1% Higher Trend	1% Lower Trend
1.	Accrued Benefit Obligation				
	a) People in receipt of benefits	661	661	661	660
	b) Fully eligible actives	202	248	210	196
	c) Not fully eligible actives	<u>393</u>	<u>502</u>	<u>431</u>	<u>360</u>
	<b>Total ABO</b>	<b>1,256</b>	<b>1,411</b>	<b>1,302</b>	<b>1,216</b>
2.	Current Service Cost <i>for following 12 months</i>	24	30	27	21
3.	Interest Cost <i>for following 12 months</i>	58	65	60	56
4.	Expected Average Remaining Service Lifetime of the Current Active Employees (years)	11	10	11	11

**DEVELOPMENT OF NET GAINS OR LOSSES****Table A.3—Development of Net Gains or Losses (\$000s)**

Expected ABO at December 31, 2013	1,397
Actual ABO at January 1, 2014	<u>1,256</u>
Actuarial Loss/(Gain)	(141)
<b>Amortization of Unamortized Actuarial Loss</b>	
Unamortized Net Actuarial Loss (Gain) at December 31, 2013	-
Actuarial Loss (Gain) for Current Year at January 1, 2014	<u>(141)</u>
Total Loss (Gain) at January 1, 2014	(141)
Less: Expected Amortization for 2014	<u>(141)</u>
Expected Unamortized Actuarial Loss (Gain) at December 31, 2014	-

Please note that the actual ABO at January 1, 2014 is approximately \$141,000 lower than the expected ABO at December 31, 2013. This is due to a combination of the following factors:

- A change in the withdrawal rate assumption (an increase of approximately \$9,000)
- A change in the mortality and coverage type assumptions (an increase of approximately \$1,000)
- A change in health and dental trend rate assumptions (a decrease of approximately \$3,000)
- A change in the salary growth rate assumption (a decrease of approximately \$3,000)
- Differences between the actual and expected health and dental benefit cost rates (a decrease of approximately \$173,000)
- Deviations from the expected demographic changes of the valued group and other miscellaneous factors (an increase of approximately \$28,000 in the total ABO)

CICA Section 3461 requires entities to adopt a systematic method for recognizing actuarial gains and losses in income. Furthermore, once adopted, CICA Section 3461 requires that the method of recognizing actuarial (gains)/losses be applied consistently from year to year. In prior valuations, the Corporation has recognized the full amount of any actuarial gain or loss in the year of the calculation. Therefore, the expected amount of actuarial gains to be recognized in 2014 is approximately \$141,000.

## SECTION B— PLAN PARTICIPANTS

Table B – 1 sets out the summary information with respect to the plan participants valued in the report, along with comparisons to the participants in the previous valuation at January 1, 2011.

Table B – 2 reconciles the number of participants in the last valuation to the number of participants in the current valuation.

## PARTICIPANT DATA

**Table B.1—Participant Data**

Membership data as at January 1, 2014 was received from the Corporation via e-mail and included information such as name, sex, age, date of hire, current salary, benefit amounts and other applicable details for all active employees and people in receipt of benefits.

We have reviewed the data and compared it to the data used in the prior valuation for consistency and reliability for use in this valuation. The main tests of sufficiency and reliability that were conducted on the membership data are as follows:

- Date of birth prior to date of hire
- Salaries less than \$20,000 per year, or greater than \$250,000 per year
- Ages under 18 or over 100
- Abnormal levels of benefits and/or premiums
- Duplicate records

In addition, the following tests were performed:

- A reconciliation of statuses from the prior valuation to the current valuation;
- A review of the consistency of individual data items and statistical summaries between the current and prior valuations; and
- A review of the reasonableness of changes in such information since the prior valuation.

**Active Employees**

<i>As of January 1</i>	<b>2011</b>			<b>2014</b>		
	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Number of Employees	26	16	42	30	16	46
Average Length of Service	18.0	20.1	18.8	17.3	18.0	17.5
<i>As of January 1, 2014</i>	<b>Current Age</b>					
	<u>Active Lives—Not fully eligible</u>			<u>Active Lives—Fully eligible</u>		
	<u>Count</u>			<u>Count</u>		
	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
<b><u>Age Band</u></b>						
Less than 30	3	-	3	-	-	-
30-35	6	1	7	-	-	-
36-40	1	1	2	-	-	-
41-45	4	3	7	-	-	-
46-50	5	1	6	-	-	-
51-55	6	5	11	3	1	4
56-60	-	1	1	2	3	5
61-65	-	-	-	-	-	-
66-70	-	-	-	-	-	-
71-75	-	-	-	-	-	-
Greater than 75	-	-	-	-	-	-
<b>Total</b>	<b>25</b>	<b>12</b>	<b>37</b>	<b>5</b>	<b>4</b>	<b>9</b>

<i>As of January 1, 2014</i>	<b>Average Service</b>					
	<b>Active Lives—Not fully eligible</b>			<b>Active Lives—Fully eligible</b>		
	<b>Service</b>			<b>Service</b>		
	<b><u>Male</u></b>	<b><u>Female</u></b>	<b><u>Total</u></b>	<b><u>Male</u></b>	<b><u>Female</u></b>	<b><u>Total</u></b>
<b><u>Age Band</u></b>						
Less than 30	6.6	-	6.6	-	-	-
30-35	2.7	4.7	2.9	-	-	-
36-40	1.7	4.9	3.3	-	-	-
41-45	15.9	17.4	16.5	-	-	-
46-50	20.1	0.3	16.8	-	-	-
51-55	28.4	19.3	24.3	27.6	33.3	29.0
56-60	-	11.9	11.9	32.1	28.1	29.7
61-65	-	-	-	-	-	-
66-70	-	-	-	-	-	-
71-75	-	-	-	-	-	-
Greater than 75	-	-	-	-	-	-
<b>Total</b>	<b>14.9</b>	<b>14.2</b>	<b>14.7</b>	<b>29.4</b>	<b>29.4</b>	<b>29.4</b>

**People in Receipt of Benefits**

<i>As of January 1</i>	<b><u>Male</u></b>	<b><u>Female</u></b>	<b><u>Total</u></b>	<b><u>Male</u></b>	<b><u>Female</u></b>	<b><u>Total</u></b>
Number of Members	26	6	32	26	9	35
<i>As of January 1, 2014</i>	<b>Expected Annual Benefit Payments</b>					
<b><u>Age Band</u></b>	<b><u>Male</u></b>	<b><u>Female</u></b>	<b><u>Total</u></b>			
Less than 30	-	-	-			
30-35	-	-	-			
36-40	-	-	-			
41-45	-	-	-			
46-50	-	-	-			
51-55	-	-	-			
56-60	7,753	1,236	8,990			
61-65	3,947	4,927	8,874			
66-70	2,084	170	2,253			
71-75	4,752	-	4,752			
Greater than 75	22,561	4,082	26,644			
<b>Total</b>	<b>41,097</b>	<b>10,415</b>	<b>51,512</b>			

**PARTICIPATION DATA****Table B.2—Participation Data**

	<b>Actives</b>	<b>Retirees</b>
<i>As at January 1, 2011</i>	<b>42</b>	<b>32</b>
New Entrants	8	-
Active	-	3
LTD	-	-
Terminated	-	-
Deceased	-	(1)
Retired	(3)	-
<i>As at January 1, 2014</i>	<b>47</b>	<b>34</b>

## SECTION C— SUMMARY OF ACTUARIAL METHOD AND ASSUMPTIONS

### ACTUARIAL METHOD

The aim of an actuarial valuation of post-retirement non-pension benefits is to provide a reasonable and systematic allocation of the cost of these future benefits to the years in which the related employees' services are rendered. To accomplish this, it is necessary to:

- make assumptions as to the discount rates, salary rate increases, mortality and other decrements;
- use these assumptions to calculate the present value of the expected future benefits; and
- adopt an actuarial cost method to allocate the present value of expected future benefits to the specific years of employment.

The ABO and Current Service Cost were determined using the projected benefit method, pro-rated on service. This is the method stipulated by CICA Section 3461 when future salary levels or cost escalation affect the amount of the employee's future benefits. Under this method, the projected post-retirement benefits are deemed to be earned on a pro-rata basis over the years of service in the attribution period. CICA Section 3461 stipulates that the attribution period commences at the employee's hire date and ends at the earliest age at which the employee could retire and qualify for the post-retirement non-pension benefits valued herein.

For each employee not yet fully eligible for benefits, the ABO is equal to the present value of expected future benefits multiplied by the ratio of the years of service to the valuation date to the total years of service in the attribution period. The Current Service Cost is equal to the present value of expected future benefits multiplied by the ratio of the year (or part) of service in the fiscal year to total years of service in the attribution period.

For health and dental benefits, the Corporation has selected the premium rates charged to retirees as management's best estimate of the benefit costs to be incurred. The total monthly premium rates used are as follows:

Retirees	Health Care		Dental Care	
	Single	Family	Single	Family
Jan 1, 2014 – Dec 31, 2014	\$76.36	\$224.16	\$19.07	\$82.12

The above premium rates were provided by the Corporation and represent the rates effective January 1, 2014 to December 31, 2014.

The ABO at January 1, 2014 is based on membership data and management's best estimate assumptions at January 1, 2014.

### ACCOUNTING POLICIES

The Corporation amortizes the full amount of any actuarial gain or loss in the year of the calculation.

## MANAGEMENT'S BEST ESTIMATE ASSUMPTIONS

The following are management's best estimate economic and demographic assumptions as at January 1, 2014.

### ECONOMIC ASSUMPTIONS

#### Consumer Price Index

The consumer price index is assumed to be 2.00% per annum.

This assumption remains unchanged from the previous valuation.

#### Discount Rate

The rate used to discount future benefits is assumed to be 4.60% per annum. This rate reflects the market interest rates at the measurement date on high quality debt instruments with consideration given to the timing and amount of projected benefit payments.

The assumption used in the previous valuation was 5.00% per annum, which was subsequently updated to 4.25% as at December 31, 2011, 3.75% as at December 31, 2013 and 4.60% as at December 31, 2013.

#### Salary Increase Rate

The rate used to increase salaries is assumed to be 2.60% per annum for the first three years and 3.00% thereafter. This rate reflects the expected Consumer Price Index adjusted for productivity, merit and promotion adjusted for company specific information.

The assumption used in the previous valuation was 3.10% per annum for all years.

#### Claims Cost Trend Rate

The rates used to project benefits costs into the future are as follows:

End of Year	Current Valuation		Previous Valuation	
	Health	Dental	Health	Dental
2014	7.00%	4.60%	6.88%	5.00%
2015	6.70%	4.60%	6.50%	5.00%
2016	6.40%	4.60%	6.13%	5.00%
2017	6.10%	4.60%	5.75%	5.00%
2018	5.80%	4.60%	5.38%	5.00%
2019	5.50%	4.60%	5.00%	5.00%
2020	5.20%	4.60%	5.00%	5.00%
2021	4.90%	4.60%	5.00%	5.00%
2022 and Thereafter	4.60%	4.60%	5.00%	5.00%

## DEMOGRAPHIC ASSUMPTIONS

### Mortality Table

The mortality tables used are as per the Canadian Institute of Actuaries Canadian Pensioners' Mortality Pension Experience Subcommittee report dated February 11, 2014 (CIA Report). More specifically, the 2014 Public Sector Mortality Table has been used with the generational projection of mortality improvement based upon CPM Improvement Scale B1-2014.

Mortality rates are applied on a sex-distinct basis.

The previous valuation used the 1994 Uninsured Pensioner Mortality (UP-94) table, with a projection of mortality improvements to the year 2020 based upon Projection Scale AA. The mortality table assumption was subsequently updated as at December 31, 2013 to the 2014 Registered Pension Plans (RPP) Public Sector Mortality table within the report, with a generational projection of mortality improvements based on CPM Improvement scale A1-2014

### Rates of Withdrawal

Termination of employment is assumed to be in accordance with the following withdrawal table, which was compiled using withdrawal experience for a group of local distribution companies and municipalities for which data was available:

Age Band	Withdrawal Rate per Annum
18 – 29	2.75%
30 – 34	2.25%
35 – 39	2.00%
40 – 54	1.50%

The assumption used in the previous valuation was 2.00% per annum across all ages prior to 55.

### Retirement Age

All active employees are assumed to retire at age 60 (or immediately if currently over age 60). For employees who meet the minimum service requirement to be eligible for post-retirement benefits between ages 60 and 65, the retirement age will be extended to this date.

This assumption remains unchanged from the previous valuation.

### Disability

No provision was made for future disability. It is assumed that individuals currently receiving long-term disability benefits will remain disabled until retirement at age 65. This assumption remains unchanged from the previous valuation.

### Family/Single Coverage

It is assumed that the coverage type as at January 1, 2014, as provided by the Corporation, will remain the same until the employee reaches the assumed retirement age. For family coverage, it is assumed that the retiree has a spouse of opposite gender and no other dependents. Male spouses are assumed to be 3 years older than female spouses.

In the previous valuation, it was assumed that the employee's coverage type at the valuation date, as provided in the valuation data by the Corporation, would remain the same throughout retirement. Similar assumptions were made for spousal gender and spousal age offset.

**Expenses and Taxes**

We have assumed 10% of benefits paid are required for the cost of sponsoring the program for life insurance. We have assumed that expenses are included in the premium rates for health and dental benefits and that PST is not part of the premium expense base. These are the same assumptions that were used in the previous valuation.

## **SECTION D— SUMMARY OF POST-RETIREMENT BENEFITS**

The following is a summary of the plan provisions that are pertinent to this valuation, based on information provided by and discussions with the Corporation.

### **GOVERNING DOCUMENTS**

The program is governed by the following documents and agreements:

- Collective Agreement between Festival Hydro Inc. and Local Union 636 of the International Brotherhood of Electrical Workers, A.F. of L., C.I.O., C.L.C. in full force and effect until April 30, 2017.
- Festival Hydro Employee Benefit Handbook

What follows is only a summary of the post-retirement non-pension benefits program. For a complete description, please refer to the above-noted documents.

### **ELIGIBILITY**

Employees who retire with a minimum of 6 months of active service are eligible for post-retirement life insurance benefits.

Employees who retire from the Corporation after January 1, 1988 with a minimum of 20 years of service are eligible for post-retirement health and dental benefits.

### **PARTICIPANT CONTRIBUTIONS**

The Corporation shall pay 100% of the cost of the post-retirement life, health, dental, and vision benefits for the eligible retirees.

### **PAST SERVICE**

Past service is defined as continuous service prior to joining the plan if the participant was employed by another electrical distribution company/hydro prior to joining the Corporation.

### **LENGTH OF SERVICE**

Length of service is defined as continuous service from the date of hire to the valuation date, measured in years and months.

### **SUMMARY OF BENEFITS**

#### **Life Insurance**

Eligible employees are entitled to the following post-retirement life insurance, as per the MEARIE plan, administered by Great West Life, based upon the following table. Effective June 1, 2011, any

retirees who were hired after the effective date will only have retiree life insurance benefits extended to age 65.

Plan Option	Amount of Coverage	Eligibility
<b>1</b>	Flat \$2,000.	If employee retires with less than 10 years of service in the Plan.
<b>2</b>	50% of final annual earnings reducing by 2.5% of final annual earnings each year thereafter for 10 years, to a final benefit equal to 25.0% of final annual earnings.  Reduction occurs on anniversary date of retirement.	If employee was ever insured under Employee Plan options 2, 3 or 4, <b>or</b> if employee retires with 10 or more years of service in Plan but was never in superseded plan.
<b>3</b>	50% of final annual earnings.	If employee was insured under superseded plan and was hired on or after May 1, 1967 and elected coverage under Option 1 only.
<b>4</b>	70% of the final amount insured for under the life plan immediately prior to retirement.	If employee was insured under the superseded plan and was hired before May 1, 1967 and elected coverage under Option 1 only.

### Extended Health, Dental, and Vision Benefits

Eligible employees are entitled to post-retirement health, dental, and vision benefits to age 65.

A detailed description of the health, dental, and vision benefits covered under the post-retirement non-pension benefits program can be found in the above-noted collective agreement.

## SECTION E— EMPLOYER CERTIFICATION

### Post-Retirement Non-Pension Benefit Plan of Festival Hydro Inc. Actuarial Valuation as at January 1, 2014

I hereby confirm as an authorized signing officer of the administrator of the Post-Retirement Non-Pension Benefit Plans of Festival Hydro Inc. that, to the best of my knowledge and belief, for the purposes of the valuation:

- i) the membership data summarized in Section B is accurate and complete;
- ii) the assumptions upon which this report is based as summarized in Section C are management best estimate assumptions and are adequate and appropriate for the purposes of this valuation; and
- iii) the summary of Plan Provisions in Section D is an accurate and complete summary of the terms of the Plan in effect on January 1, 2014.

### FESTIVAL HYDRO INC.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Name

\_\_\_\_\_  
Title

THIS BYPASS COMPENSATION AGREEMENT made in duplicate as of this 18<sup>th</sup> day of December 20 13

BETWEEN:

HYDRO ONE NETWORKS INC.

(hereinafter called "Hydro One")

OF THE FIRST PART,

- AND -

FESTIVAL HYDRO INC.

(hereinafter called the "Customer")

OF THE SECOND PART.

WHEREAS:

- A. the Customer is connected to Hydro One's transmission system;
- B. the Customer has built a new Municipal Transformer Station ("the Customer Asset") at 419 Wright Boulevard in the Township/City of Stratford;
- C. Section 6.7.6 of the *Transmission System Code* permits the Customer, for all or a portion of Existing Load, to by-pass a connection facility owned by Hydro One, provided that the Customer compensates Hydro One;
- D. in or around June 1, 2014, the Customer intends to by-pass Hydro One's Stratford TS (the "Station & Line Assets") in respect of a portion of the Existing Load; and
- E. the Customer and Hydro One are entering into this Agreement for the purposes of addressing the by-pass compensation payable by the Customer in accordance with Section 6.7.7 of the *Transmission System Code*.

NOW THEREFORE, in consideration of the mutual covenants, agreements, terms and conditions herein and other good and valuable consideration, the receipt and sufficiency of which is hereby irrevocably acknowledged, the parties hereto mutually agree as follows:

- 1. **Recitals.** Each of the parties represents and warrants that the recitals, to the extent that the recitals are applicable to that party, are true and accurate and form part of this Agreement.
- 2. **Definitions.** Unless otherwise defined herein, all capitalized terms herein shall have the meaning ascribed to them in Schedule "A".

CP

3. **Representations and Warranties.** Each party represents and warrants to the other that:

- (a) it is duly incorporated, formed or registered (as applicable) under the laws of its jurisdiction of incorporation, formation or registration (as applicable);
- (b) it has all the necessary corporate power, authority and capacity to enter into the Agreement and to perform its obligations hereunder;
- (c) the execution, delivery and performance of the Agreement by it has been duly authorized by all necessary corporate and/or governmental and/or other organizational action and does not (or would not with the giving of notice, the lapse of time or the happening of any other event or condition) result in a violation, a breach or a default under or give rise to termination, greater rights or increased costs, amendment or cancellation or the acceleration of any obligation under (i) its charter or by-law instruments; (ii) any material contracts or instruments to which it is bound; or (iii) any laws applicable to it;
- (d) any individual executing this Agreement, and any document in connection herewith, on its behalf has been duly authorized by it to execute this Agreement and has the full power and authority to bind it;
- (e) the Agreement constitutes a legal and binding obligation on it, enforceable against it in accordance with its terms;
- (f) it is registered for purposes of Part IX of the *Excise Tax Act* (Canada) (the registration number for Hydro One is 87086-5821 RT0001 and the registration number for the Customer is 87086-582 RT0001; and
- (g) no proceedings have been instituted by or against it with respect to bankruptcy, insolvency, liquidation or dissolution.

4. **Calculation of Bypass Compensation.** Hydro One shall calculate the Bypass Compensation in the following manner:

- (a) multiplying the net book value of the Station & Line Assets, including a salvage credit and reasonable removal and environmental remediation costs by the Bypassed Capacity on the Station & Line Assets; and
- (b) divide the resulting amount from the calculation performed in (a) above by the Total Normal Supply Capacity of the Station & Line Assets.

5. Estimates of the following are set out in Schedule "B":



- (a) Assigned Capacity;
- (b) Existing Load;
- (c) Total Normal Supply Capacity;
- (d) Bypassed capacity;
- (e) Bypass Compensation; and
- (f) The net book values of the Station & Line Assets, including a salvage credit and removal and environmental remediation costs.

These estimates were prepared using data available at the time of the execution of this Agreement. By no later than one-hundred and eighty (180) days following the date that bypass occurs, Hydro One shall provide the Customer with a new Schedule "B" (the "**Revised Schedule "B"**") to replace Schedule "B" of the Agreement attached hereto which shall identify the values used in the actual Bypass Compensation calculation, with respect to the following:

- (i) Assigned Capacity;
- (b) Existing Load;
- (c) Total Normal Supply Capacity;
- (d) Bypassed capacity;
- (e) Bypass Compensation; and
- (f) the net book values of the Station & Line Assets, including a salvage credit and removal and environmental remediation costs.

The Revised Schedule "B" shall be made a part hereof as though it had been originally incorporated into this Agreement.

6. **Invoice for Bypass Compensation.** Together with the Revised Schedule "B", Hydro One shall provide the Customer with an invoice for the Bypass Compensation plus HST. The Customer shall pay same by no later than 30 days after invoice issuance. For the purposes of

this Agreement, HST means the federal Harmonized Sales Tax chargeable in accordance with Part IX of the *Excise Tax Act* (Canada), as amended, in respect of taxable supplies made in the province of Ontario.

7. **General.**

- (a). The failure of any party hereto to enforce at any time any of the provisions of the Agreement or to exercise any right or option which is herein provided shall in no way be construed to be a waiver of such provision or any other provision nor in any way affect the validity of the Agreement or any part hereof or the right of any party to enforce thereafter each and every provision and to exercise any right or option. The waiver of any breach of the Agreement shall not be held to be a waiver of any other or subsequent breach. Nothing shall be construed or have the effect of a waiver except an instrument in writing signed by a duly authorized officer of the party against whom such waiver is sought to be enforced which expressly waives a right or rights or an option or options under the Agreement.
- (b). All overdue amounts including, but not limited to, amounts that are not invoiced but required under the terms of this Agreement to be paid in a specified time period shall bear interest at 1.5% per month compounded monthly (19.56 percent per year) for the time they remain unpaid.
- (c). Other than as provided in Section 4 hereof, no amendment, modification or supplement to the Agreement shall be valid or binding unless set out in writing and executed by the parties with the same degree of formality as the execution of the Agreement.
- (d). This Agreement, and any rights and duties under it, will be binding upon the successors and assigns of each of the Parties hereto, and, despite any change of control of any of the Parties hereto, will enure to the benefit of each party's permitted successors and permitted assigns.
- (e). Unless otherwise specified, references in the Agreement to Sections or Schedules are to sections, articles and Schedules of the Agreement. Any reference in the Agreement to any statute, regulation, any OEB-approved documents or any section thereof will, unless otherwise expressly stated, be deemed to be a reference to such statute, regulation, document or section as amended, restated or re-enacted from time to time. The insertion of headings is

for convenience only, and shall not affect the interpretation of the Agreement. Unless the context requires otherwise, words importing the singular include the plural and vice versa.

- (f). This Agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.
- (g). Any written notice required by this Agreement shall be deemed properly given only if either mailed or delivered to the Secretary, Hydro One Networks Inc., 483 Bay Street, North Tower, 15<sup>th</sup> Floor, Toronto, Ontario M5G 2P5, fax no: (416) 345-6056 on behalf of Hydro One, and to [Jac Vanderbaan, Festival Hydro Inc., 187 Erie Street, P.O. Box 397, Stratford, Ontario, N5A 6T5, Fax 519-271-7204]. A faxed notice will be deemed to be received on the date of the fax if received before 4 p.m. or on the next business day if received after 4 p.m. Notices sent by courier or registered mail shall be deemed to have been received on the date indicated on the delivery receipt. The designation of the person to be so notified or the address of such person may be changed at any time by either party by written notice.
- (h). All disputes related to this Agreement, shall be dealt with in accordance with the dispute resolution procedure set out in the OEB-Approved Connection Procedures

**IN WITNESS WHEREOF** the parties by their duly authorized officers have executed this Agreement as of the date first written above.

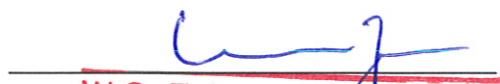
**HYDRO ONE NETWORKS INC.**

**FESTIVAL HYDRO INC.**



Name: Brad Colden  
Title: Manager  
Customer Business Relations

**FESTIVAL HYDRO INC.**



Name: William Zehr  
Title: President and CEO

**I have the authority to bind the corporation**    **I have the authority to bind the corporation**



## **SCHEDULE "A": Definitions**

Throughout this Agreement, unless there is something in the subject matter or context inconsistent therewith, the following words shall have the following meanings:

**"Agreement"** means this Bypass Compensation Agreement and includes Schedules "A" and "B" attached hereto and forming a part hereof.

**"Assigned Capacity"** means the Customer's assigned capacity at the Station & Line Assets which is to be calculated in accordance with Section 6.2.2 of the *Transmission System Code*.

**"Business Days"** means all days of the week excluding Saturdays, Sundays and statutory holidays as observed by Hydro One.

**"Bypassed Capacity"** means the difference between the Existing Load and:

- (i) Zero (0) MW - where the Customer bypasses the entire Existing Load on the date on which bypass occurred; or
- (ii) the Customer's average monthly peak load in the three-month period following the date on which bypass occurred.

**"Bypass Compensation"** means the compensation payable by the Customer in respect of the bypass of the Station & Line Assets calculated in accordance with Section 4 of this Agreement.

**"Existing Load"** in relation to the Customer and the Station & Line Assets is equal to the Customer's Assigned Capacity at the time of by-pass.

**"OEB"** means the Ontario Energy Board.

**"OEB-Approved Connection Procedures"** means Hydro One's connection procedures as approved by the OEB.

**"Party Losses"** means any claims, losses, costs, liabilities, obligations, actions, judgments, suits, expenses, disbursements or damages of a party, including where occasioned by a judgment resulting from an action instituted by a third party.

**"Total Normal Supply Capacity"** means the total normal supply capacity of the Station or Line Asset which has been calculated in accordance with Hydro One's total normal supply capacity procedure set out in the OEB-Approved Connection Procedures.

**"Transmission System Code"** means the code of standards and requirements issued by the OEB on June 10, 2010, as it may be amended or replaced from time to time.



**SCHEDULE “B”:**

**Part I:**

**Assigned Capacity - Estimate: 77.7 MW (“AC”)**

**Assigned Capacity – Actual:** To be provided by no later than one-hundred and eighty (180) days following the date that bypass occurs.

**Existing Load - Estimate: 77.7 MW (“EL”)**

**Existing Load - Actual:** To be provided by no later than one-hundred and eighty (180) days following the date that bypass occurs.

**Total Normal Supply Capacity – Estimate for Transformation / Line: 117 / 394 MW (“TNSC<sub>T</sub> / TNSC<sub>L</sub>”)**

**Total Normal Supply Capacity – Actual:** To be provided by no later than one-hundred and eighty (180) days following the date that bypass occurs.

**Bypassed Capacity – Estimate: 20 MW (“BC”)**

**Bypassed Capacity – Actual:** To be provided by no later than one-hundred and eighty (180) days following the date that bypass occurs.

**Part II:**

**Estimate of the Net Book Value of the Station & Line Assets, including a Salvage Credit and Reasonable Decommissioning (i.e. Removal and Environmental Remediation) Costs:**

Decommissioning of Transformation (i.e. Station) / Line connection facilities (including Environmental Remediation)	\$3,500,000 (“DC <sub>T</sub> ”)
Salvage Credit of Transformation (i.e. Station) / Line connection facilities	\$4,887,500 (“SC <sub>T</sub> ”)
Net Book Values:	
Transformation connection facilities (i.e. Station)	\$4,152,108 (“NBV <sub>T</sub> ”)
Line connection facilities	\$14,945,434 (“NBV <sub>L</sub> ”)

**Bypass Compensation – Estimate:**

$$\underline{\$1,230,026} = [\text{NBV}_T + \text{DC}_T - \text{SC}_T] \times [\text{BC}/\text{TNSC}_T] + [\text{NBV}_L + \text{DC}_L - \text{SC}_L] \times [\text{BC}/\text{TNSC}_L]$$

**Bypass Compensation – Actual:** To be provided by no later than one-hundred and eighty (180) days following the date that bypass occurs.

Appendix 2 U  
One time Incremental IFRS

sub-account Deferred IFRS Transition Costs Account, or Account 1508, Other Regulatory Assets, sub-account IFRS Transition Costs Variance Account.

Nature of One-Time Incremental IFRS Transition Costs <sup>1</sup>	Audited Actual Costs Incurred 2009	Audited Actual Costs Incurred 2010	Audited Actual Costs Incurred 2011	Audited Actual Costs Incurred 2012	Audited Actual Costs Incurred 2013	Audited Carrying Charges to Dec 31, 2013	Forecasted Cost 2014	Forecasted Cost 2015	Excluding Carrying Charges	Charges January 1, 2014 to April	Total Costs and Carrying Charges	Reasons why the costs recorded meet the criteria of one-time IFRS administrative incremental costs
professional accounting fees	\$ 33,000	\$ 14,250		\$ 9,010			\$ 20,000		\$ 76,260		\$ 76,260	Guidance on policies; advisory services, au
professional legal fees									\$ -		\$ -	opening balances
salaries, wages and benefits of associated staff training and costs related to system upgrades	\$ 1,084		\$ 598	\$ 41,729	\$ 9,525				\$ 51,254		\$ 51,254	3rd part contractor working on conversion
				\$ 432					\$ 2,114		\$ 2,114	IFRS training for existing staff
									\$ -		\$ -	
									\$ -		\$ -	
rates						\$ 3,770			\$ -	\$ 1,685	\$ 5,455	Carrying charges at prescribed rates
									\$ -		\$ -	
									\$ -		\$ -	
previous Board approved rates									\$ -		\$ -	
									\$ -		\$ -	
Item(s) and new rows if needed.									\$ -		\$ -	
Total	\$ 34,084	\$ 14,250	\$ 598	\$ 51,171	\$ 9,525	\$ 3,770	\$ 20,000	\$ -	\$ 129,628		\$ 135,083	

Note:

- 1 reflect changes in the timing of the recognition of income. The incremental costs in these accounts shall not include costs related to system upgrades, or replacements or changes where IFRS was not the major reason for conversion. In addition, incremental IFRS costs
- 2 Board approved rates, please state the EB #: nil

File Number: EB 2014 0073

Exhibit:

Tab:

Schedule:

Page:

Date:

## Appendix 2-EA Account 1575 - IFRS-CGAAP Transitional PP&E Amounts 2015 Adopters of IFRS for Financial Reporting Purposes

For applicants that will adopt IFRS on **January 1, 2015** for financial reporting purposes

Reporting Basis	Rebasing	2011	2012	2013	2014	Rebasing
	CGAAP	IRM	IRM	IRM	IRM	MIFRS
	Forecast	Actual	Actual	Actual	Forecast	Forecast
					\$	\$
<b>PP&amp;E Values under CGAAP</b>						
Opening net PP&E - Note 1					38,941,516	
Net Additions - Note 4					2,222,648	
Net Depreciation (amounts should be negative) - Note 4					-2,679,286	
<b>Closing net PP&amp;E (1)</b>					<b>38,484,878</b>	
<b>PP&amp;E Values under MIFRS (Starts from 2014, the transition year)</b>						
Opening net PP&E - Note 1					38,941,516	
Net Additions - Note 4					1,589,898	
Net Depreciation (amounts should be negative) - Note 4					-2,679,285	
<b>Closing net PP&amp;E (2)</b>					<b>37,852,129</b>	
<b>Difference in Closing net PP&amp;E, CGAAP vs. MIFRS</b>					<b>632,749</b>	

### Effect on Deferral and Variance Account Rate Riders

Closing balance in deferral account	632,749
balance at WACC - Note 2	158,187
<b>Amount included in Deferral and Variance Account Rate Rider Calculation</b>	<b>790,936</b>

<b>WACC</b>	<b>6.25%</b>
<b># of years of rate rider disposition period</b>	<b>4</b>

### Notes:

- For an applicant that adopts IFRS on January 1, 2015, the PP&E values as of January 1, 2014 under both CGAAP and MIFRS should be the same.
- Return on rate base associated with deferred balance is calculated as:  
the deferral account opening balance as of 2015 rebasing year x WACC X # of years of rate rider disposition period  
\* Please note that the calculation should be adjusted once WACC is updated and finalized in the rate application.
- The PP&E deferral account is cleared by including the total balance in the deferral and variance account rate rider calculation.
- Net additions are additions net of disposals; Net depreciation is additions to depreciation net of disposals.