



London Hydro
111 Horton Street
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January 17, 2017

Ms. Kirsten Walli
Board Secretary
Ontario Energy Board
P.O. Box 2319
2300 Yonge Street, 27th Floor
Toronto, ON M4P 1E4

**Re: 2017 Cost of Service Application EB-2016-0091
Supplemental IR Responses**

Dear Ms. Walli:

London Hydro Inc. is pleased to submit its responses to supplemental interrogatories for 2017 rates. An electronic copy has been submitted to the Board through the RESS system, and two hard copies will be delivered to the OEB office.

This document is being filed pursuant to the Board's e-Filing Services.

Should the board have questions regarding this matter please contact Martin Benum at benumm@londonhydro.com or myself at arnoldd@londonhydro.com

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "David Arnold".

Mr. David Arnold
Chief Financial Officer; Vice-President of Finance; Corporate Secretary
London Hydro Inc.
Telephone: 519-661-5800 x 5624



London Hydro

**Exhibit 2 Interrogatories
Response to Interrogatories
EB-2016-0091**

Rates Effective: May 1, 2017

Date Filed: January 17, 2017

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File Number: EB-2016-0091

Date Filed: January 17, 2017

Tab 6 of 6

LPMA Supplemental Exhibit 2



1 2-LPMA-1

2

3 Ref: 2-LPMA-16

4

5 a) Please provide the calculations and all assumptions used based on the data provided in the
6 table that results in the collections lag of 27.35 days.

7

8 b) Please explain what is meant by the "Current" column.

9

10 c) Please provide, if available a more detailed breakdown of the 1-30 day column into 1 to 15
11 days and 16 to 30 days.

12

13 LH Response:

14 The collections lag in the Working Capital study is 26.35 days. The collections lag is
15 calculated using the three steps outlined below:

16 1. Lag days are calculated for each bucket (1 – 30, 31 – 60, 61 – 90, 91
17 – 120, 121 – 150, 151 – 180, 181 – 365) using the mid-point method.

18 Example: Bucket 1 – 30 represents accounts receivable that are

19 between 1 and 30 days past due. Mid-point of the bucket = (30 days –
20 1 +1)/2 = 15 days. Upper limit of the prior bucket = 16 days.

21 Cumulative days aged = 16 days + 15 days = 31 days.

22 2. The proportion of revenues within each bucket is calculated (percent of
23 revenues collected in each bucket).

24 3. The weighted average collection lag days are calculated using the
25 results of step 1 and 2.

26 The major assumptions made are:

27 1. The mid-point method is used. Embedded assumption is that
28 transactions are made equally across each bucket.



File Number: EB-2016-0091

Interrogatories for Exhibit: 2

Tab: 6

Schedule: 1

Page: 2 of 2

Date Filed: January 17, 2017

- 1 2. The collection lag days for the current bucket is assumed to be 14
2 days. This reflects the observation that most customers pay their bill
3 prior to the due date.
4 3. Accounts receivable aged beyond 365 days are assumed to be written
5 off as bad debt.

6

7 **LH Response b)**

8 The "current" column in London Hydro's system represents accounts receivable that
9 have not yet reached their due date.

10

11 **LH Response c)**

12 This information is not readily available for each of the 12 months ended December
13 2014.

14



London Hydro

**Exhibit 3 Interrogatories
Response to Interrogatories
EB-2016-0091**

Rates Effective: May 1, 2017

Date Filed: January 17, 2017

London Hydro
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File Number: EB-2016-0091

Date Filed: January 17, 2017

Tab 6 of 7

LPMA Supplemental Exhibit 3



1 **3-LPMA-2**

2

3 **3-LPMA-2**

4

5 Ref: 3-STAFF-41, Attachment 1

6

7 In the original Table 309, the CDM programs for 2016 through 2020 were projected to be the
 8 same each year at 29,786,333 kWh. In the updated version, the 2017 through 2020 figures are
 9 all the same but the 2016 figure is higher. Please explain why the 2016 through 2017 figures
 10 are not all the same, using the same approach as in the original evidence.

11

12 [LH Response:](#)

13 London Hydro's original estimate of the CDM programs included the Street Light relamping
 14 program in 2015(as shown in the table below), when in fact it started in late 2015 and continued
 15 into 2016 hence London Hydro moved that program to the 2016 estimate (as shown in the
 16 second table below).

Rate Class	Classification	LH ID	Program	Total kWh	2015	2016	2017	2018	2019
RES	Home	3.2.2.2	saveONenergy HEATING & COOLING INCENTIVE Program	6,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
RES	Home	3.2.2.3	saveONenergy COUPON EVENT Program	4,200,000	700,000	700,000	700,000	700,000	700,000
RES	Home	3.2.2.6	saveONenergy NEW HOME CONSTRUCTION Program	1,200,000	200,000	200,000	200,000	200,000	200,000
RES	Home	4.5	saveONenergy HOME ASSISTANCE Program	2,700,000	450,000	450,000	450,000	450,000	450,000
GS<50	Business	6.2.1.1	saveONenergy RETROFIT PROGRAM	62,300,000	10,383,333	10,383,333	10,383,333	10,383,333	10,383,333
GS<50	Business	6.2.1.2	saveONenergy AUDIT FUNDING	1,200,000	200,000	200,000	200,000	200,000	200,000
GS<50	Business	9.2.1.1	saveONenergy PROCESS & SYSTEMS Program	12,800,000	2,133,333	2,133,333	2,133,333	2,133,333	2,133,333
GS<50	Business	9.2.1.1	Embedded Energy Manager subprogram	6,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
GS>50	Industrial	10.1.3	Embedded Load-Displacement Generation Projects Industrial Customer #1	11,853,000	1,975,500	1,975,500	1,975,500	1,975,500	1,975,500
Large User	Industrial	10.1.3	Embedded Load-Displacement Generation Projects Industrial Customer #2	70,000,000	11,666,667	11,666,667	11,666,667	11,666,667	11,666,667
GS>50	Municipal	10.1.3	Embedded Load-Displacement Generation Projects Municipal Customer #3	465,000	77,500	77,500	77,500	77,500	77,500
GS>50	Municipal	10.1.3	Embedded Load-Displacement Generation Projects Municipal Customer #4	-	-	-	-	-	-
STRL	Municipal	8.3.2	Municipal Roadway Lighting	5,600,000	5,600,000	-	-	-	-
				184,318,000	35,386,333	29,786,333	29,786,333	29,786,333	29,786,333
				196,660,000					
				- 12,342,000					

17

18



Rate Class	Classification	LH ID	Program	Total kWh	2015	2016	2017	2018	2019
RES	Home	3.2.2.2	saveONenergy HEATING & COOLING INCENTIVE Program	6,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
RES	Home	3.2.2.3	saveONenergy COUPON EVENT Program	4,200,000	700,000	700,000	700,000	700,000	700,000
RES	Home	3.2.2.6	saveONenergy NEW HOME CONSTRUCTION Program	1,200,000	200,000	200,000	200,000	200,000	200,000
RES	Home	4.5	saveONenergy HOME ASSISTANCE Program	2,700,000	450,000	450,000	450,000	450,000	450,000
GS<50	Business	6.2.1.1	saveONenergy RETROFIT PROGRAM	62,300,000	10,383,333	10,383,333	10,383,333	10,383,333	10,383,333
GS<50	Business	6.2.1.2	saveONenergy AUDIT FUNDING	1,200,000	200,000	200,000	200,000	200,000	200,000
GS<50	Business	9.2.1.1	saveONenergy PROCESS & SYSTEMS Program	12,800,000	2,133,333	2,133,333	2,133,333	2,133,333	2,133,333
GS<50	Business	9.2.1.1	Embedded Energy Manager subprogram	6,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
GS>50	Industrial	10.1.3	Embedded Load-Displacement Generation Projects Industrial Customer #1	11,853,000	1,975,500	1,975,500	1,975,500	1,975,500	1,975,500
Large User	Industrial	10.1.3	Embedded Load-Displacement Generation Projects Industrial Customer #2	70,000,000	11,666,667	11,666,667	11,666,667	11,666,667	11,666,667
GS>50	Municipal	10.1.3	Embedded Load-Displacement Generation Projects Municipal Customer #3	465,000	77,500	77,500	77,500	77,500	77,500
GS>50	Municipal	10.1.3	Embedded Load-Displacement Generation Projects Municipal Customer #4	-	-	-	-	-	-
STRL	Municipal	8.3.2	Municipal Roadway Lighting	5,600,000	-	5,600,000	-	-	-
				12,342,000	2,057,000	2,057,000	2,057,000	2,057,000	2,057,000
				196,660,000	31,843,333	37,443,333	31,843,333	31,843,333	31,843,333
				196,660,000	-	-	-	-	-

1
 2 In addition the original forecast was calculated using 184,318,000 as the target value versus the
 3 total target value of 196,660,000. So an adjustment was included to update to the target values.

4
 5 Then in response to 3-VECC-28 the 2015 value was adjusted to 31,995,332 reflecting the final
 6 2015 IESO reported amount.

7

Calculation of CDM Adjustment for the Load Forecast

Allocation of Tasked Savings by Year							
Description	2015	2016	2017	2018	2019	2020	TOTAL
Planned Program Savings by Year							
2015 Programs	31,995,332	31,995,332	31,995,332	31,995,332	31,995,332	31,995,332	
2016 Programs		37,443,333	37,443,333	37,443,333	37,443,333	37,443,333	
2017 Programs		-	31,843,333	31,843,333	31,843,333	31,843,333	
2018 Programs		-	-	31,843,333	31,843,333	31,843,333	
2019 Programs		-	-	-	31,843,333	31,843,333	
2020 Programs		-	-	-	-	31,691,335	
Total Planned Programs	31,995,332	69,438,665	101,281,999	133,125,332	164,968,665	196,660,000	
Annual % of Planned	16.27%	19.04%	16.19%	16.19%	16.19%	16.11%	100.00%
Allocated Tasked Savings	31,995,332	37,443,333	31,843,333	31,843,333	31,843,333	31,691,336	196,660,000

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File Number: EB-2016-0091

Date Filed: January 17, 2017

Tab 7 of 7

VECC Supplemental Exhibit 3



1 **3-VECC-66**

2

3 Reference: Staff-41 Load Forecast Model – Rate Class Customer Model Tab /Original
4 Application, 3/1/2, pages 8-12 /LPMA 27

5 a) With respect to the Rate Class Customer Model tab, for the GS>50 class it
6 appears the RRR customer counts have been reduced by the number of Cogen
7 Customers and the 4 WMP. However, there does not appear to have been any
8 adjustment for the one Large User transferred to the GS>50 class as discussed
9 at 3/1/2, page 9, lines 3-6. Please clarify the treatment of this one customer in
10 the customer count data used in the Staff-41- Load Forecast Model.

11 LH Response:

12 From the Average Customer Count 3-LPMA-27 the transaction in March 2016 would reflect
13 the one large user transferred to the GS>50 Class.

Dec-15	139,861	12,485	1,592	3	1,522
Jan-16	139,992	12,527	1,567	2	1,521
Feb-16	140,044	12,539	1,582	2	1,521
Mar-16	140,197	12,536	1,586	1	1,522

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16 b) With respect to the annual rate class reclassifications set out in Table 3-4, when
17 do the reclassifications for each year show up on the RRR data? For example,
18 do the reclassifications for each year show-up starting in January of that year?

19 LH Response:

20 The reclassifications for each year show-up starting in January of that year.

21 c) If yes, why is it appropriate to adjust the 2016 closing customer counts for the
22 2017 reclassifications (per the Rate Class Customer Model Tab – Row 19)
23 before applying the growth rate, since this growth rate already incorporates an
24 allowance for annual rate reclassifications.

25 LH Response:



Year	General Service < 50 kW	General Service > 50 kW
2012	1.0081	1.0074
2013	1.0072	0.9926
2014	1.0120	0.9904
2015	1.0178	0.9866
2016	1.0082	0.9899
Geomean (2012 to 2016)	1.0107	0.9934

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Technically all of the adjustments should be pushed back to December of the previous year. London Hydro would suggest that the difference would be similar to the presented results.

Count Date	RESAnnAvg	G<50AnnAvg	G>50AnnAvg				G<50AnnAvg	G>50AnnAvg
Dec-10	132,014	11,939	1,619	22	-22		11,961	1,597
Dec-11	134,171	11,915	1,622	26	-26		11,941	1,596
Dec-12	135,321	12,011	1,634	44	44		12,055	1,678
Dec-13	136,540	12,098	1,622	43	-44		12,141	1,578
Dec-14	137,835	12,243	1,607	32	-32		12,275	1,575
Dec-15	139,223	12,461	1,586	19	-17		12,480	1,569
Dec-16	140,655	12,539	1,595	24	-24		12,563	1,571
Transfer Between Classes		24	-24					
Adjusted 2016	140,655	12,563	1,571					
						Dec-12	99.8%	100.0%
						Dec-13	101.0%	105.1%
						Dec-14	100.7%	94.0%
						Dec-15	101.1%	99.8%
						Dec-16	101.7%	99.7%
							100.85%	99.66%

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d) With respect to the 2016 reclassification, Table 3-4 indicates that two Large Use customers were reclassified to GS>50. However, the application (pages 8-9) suggests that one of these Large Use customer ceased operation entirely. Please reconcile.

LH Response:

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London Hydro Has reconciled below. The reduction for GS>50 kW was understated by one customer.



Annual Transfer Between Classes

Rate Class	GS<50	GS>50	CoGen	LU	Total
2011 From	-13	-35			-48
2011 To	35	13			48
Net 2011	22	-22	0	0	0
2012 From	-12	-38			-50
2012 To	38	12			50
Net 2012	26	-26	0	0	0
2013 From		-44			-44
2013 To	44				44
Net 2013	44	-44	0	0	0
2014 From	-9	-53			-62
2014 To	52	9	1		62
Net 2014	43	-44	1	0	0
2015 From	-8	-40			-48
2015 To	40	8			48
Net 2015	32	-32	0	0	0
2016 From	-38	-57		-2	-97
2016 To	58	39			97
Net 2016	20	-18	0	-2	0
Net 2011 to 2016	187	-186	1	-2	0
2017 From	-13	-37			-50
2017 To	37	13			50
Net 2017	24	-24	0	0	0
Net 2011 to 2017	211	-210	1	-2	0

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e) The Excel File provided with LPMA 27 indicates that, for 2016, one Large Use customer was lost as of January 2016 and the second as of March 2016. Please indicate which of these customers was transferred to the GS>50 class and which one was “lost”.



File Number: EB-2016-0091

Interrogatories for Exhibit: 3

Tab: 7

Schedule: 1

Page: 4 of 4

Date Filed: January 17, 2017

1 [LH Response:](#)

2 The customer that was lost was removed in January 2016. The customer that was moved took
3 place in March of 2016.

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5 f) With respect to the response to part (d), if it was the customer removed as of
6 March 2016 that was lost, please explain why, in VECC-23, there is no load
7 removed for this customer in either January or February of 2016.

8

9

10 [LH Response:](#)

11 The customer that was moved took place in March of 2016.



1 **3-VECC-67**

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3 Reference: Staff-41, Load Forecast Model, Forecast Accuracy Tab /LPMA 26

4 a) LPMA 26 states that the loss factor used to convert 2016 and 2017 purchases to
5 billed energy is the average for 2006-2015. However, the Load Forecast Model
6 uses an average of 2006-2014 – please reconcile.

7

8 [LH Response:](#)

9

10 [London Hydro concedes that a calculation change was not saved.](#)

Determination of Loss Factor				
Year	Actual Purchases	Total Billed	Losses	Loss Factor
2006	3,381,396,099	3,275,701,579	105,694,520	1.0313
2007	3,437,253,458	3,312,382,012	124,871,446	1.0363
2008	3,370,084,710	3,262,420,182	107,664,528	1.0319
2009	3,245,166,643	3,081,157,255	164,009,387	1.0505
2010	3,353,468,835	3,303,100,984	50,367,851	1.0150
2011	3,337,714,644	3,247,125,848	90,588,797	1.0271
2012	3,302,327,427	3,203,200,497	99,126,930	1.0300
2013	3,306,067,868	3,172,182,384	133,885,484	1.0405
2014	3,248,466,267	3,185,717,215	62,749,052	1.0193
2015	3,247,167,562	3,149,997,453	97,170,109	1.0314
2016		3,191,412,589		1.0314
2017	-	3,128,364,908		1.0314

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13 [The correct loss factor should be as follows.](#)



File Number: EB-2016-0091

Interrogatories for Exhibit: 3

Tab: 7

Schedule: 2

Page: 2 of 2

Date Filed: January 17, 2017

Determination of Loss Factor				
Year	Actual Purchases	Total Billed	Losses	Loss Factor
2006	3,381,396,099	3,275,701,579	105,694,520	1.0313
2007	3,437,253,458	3,312,382,012	124,871,446	1.0363
2008	3,370,084,710	3,262,420,182	107,664,528	1.0319
2009	3,245,166,643	3,081,157,255	164,009,387	1.0505
2010	3,353,468,835	3,303,100,984	50,367,851	1.0150
2011	3,337,714,644	3,247,125,848	90,588,797	1.0271
2012	3,302,327,427	3,203,200,497	99,126,930	1.0300
2013	3,306,067,868	3,172,182,384	133,885,484	1.0405
2014	3,248,466,267	3,185,717,215	62,749,052	1.0193
2015	3,247,167,562	3,149,997,453	97,170,109	1.0313
2016		3,191,444,633		1.0313
2017	-	3,128,396,320		1.0313

1



1 3-VECC-68

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3 Reference: VECC 23 – WS kWh Adjustment file /Staff-41

4 a) Staff-41 states (3/1/1, page 2 of 4) that the updated forecast used actual 2016
5 values to November 2016 and used December 2015 to estimate December 2016
6 purchases. However, the response to VECC 23 sets out December 2016 values
7 that differ from December 2015. Please reconcile and clarify the basis for the
8 December 2016 purchase power values used in the updated forecast.

9

10

11 LH Response:

12 London Hydro used 2016 IESO actuals but estimated the remainder using December 2015
13 values as calculated on Sheet “Wholesale Detailed” of VECC 23 – WS kWh Adjustment file.

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15

	A	B	C	D	E	F	G	H	
1	Date	WskWh	IESO	Embedded Generation	MicroFIT	FIT	RESOP	Load Transfers	
31	Oct-16	249,175,655	246,239,969	538,492	187,598	789,613	1,437,265	-	17,282
32	Nov-16	248,814,602	242,709,669	3,697,369	122,924	534,970	1,689,827		59,843
33	Dec-16	270,712,725	268,128,268	123,382	60,594	348,903	2,051,578		-
34									
35									
36	Jan to Oct 2015	2,744,735,887	2,688,741,291	36,492,942	1,744,328	5,836,966	10,840,558		
37	Jan to Oct 2016	2,760,310,324	2,720,653,377	11,929,257	2,290,320	10,298,808	14,002,617		
38		1.005674294	1.011868783	0.326892177	1.313010008	1.764411168	1.291687845		
aa									



File Number: EB-2016-0091

Interrogatories for Exhibit: 3

Tab: 7

Schedule: 4

Page: 1 of 1

Date Filed: January 17, 2017

1 3-VECC-69

2

3 Reference: Staff-41, Load Forecast Model (Rate Class Customer and Rate Class
4 Energy Tabs) /LPMA 27

5 a) It is noted the updated load forecast uses 2016 actual customer/connection
6 counts but relies on forecast values for kWh usage by class. Are 2016 values
7 as to sales by class not available?

8

9

10 LH Response:

11 Final 2016 values as to sales by class not available until late February to account for unbilled
12 values.



1 **3-VECC-70**
 2

3 Reference: Staff-41, Load Forecast Model (Rate Class Customer and Rate
 4 Class Energy Tabs) / LPMA 24 d) – Adjustments to Rates Class Cons.
 5 Model

6 a) According to the Application (Section 3.4.5) the Large Use class data was
 7 adjusted to exclude the one customer lost at the end of 2015 and the one
 8 customer transferred to the GS>50 class. However the Large Use class
 9 usage set out in Table 3.1.2.16 does not match the remaining customer use
 10 values shown in the Adjustments to Rate Class Cons. Model filed with LPMA
 11 24 d). Please reconcile.

12 LH Response:

13 As found on sheet “Adjust kWh” of excel model LPMA 24 d) – Adjustments to Rates Class
 14 Cons. Model used the values from the RRR filings (Large User) less the annual values from
 15 Lost Cust and Cust 1 to GS>50. The annual values of Remaining Cust were basically a test for
 16 accuracy.

Large User	Lost Cust	Cust 1 to GS >50	Remaining Cust	Sum	Difference	Used
226,248,150	62,194,356	56,009,740	106,026,318	224,230,414	2,017,736	108,044,054
205,146,878	55,609,489	34,263,719	110,242,481	200,115,689	5,031,189	115,273,670
187,009,122	51,510,356	22,102,436	112,712,934	186,325,726	683,396	113,396,330
186,745,206	49,270,395	16,133,705	119,095,236	184,499,337	2,245,869	121,341,105
195,126,020	52,628,999	19,895,629	123,478,918	196,003,546	- 877,527	122,601,392
193,549,148	49,390,776	20,872,052	122,124,191	192,387,019	1,162,130	123,286,320
183,363,380	43,502,915	18,348,429	120,713,561	182,564,906	798,475	121,512,036
179,131,186	40,232,598	17,536,557	120,881,954	178,651,109	480,077	121,362,031
174,829,076	38,518,395	18,931,166	117,305,103	174,754,664	74,412	117,379,515
137,445,055	7,009,848	19,099,825	118,856,192	144,965,865	- 7,520,810	111,335,382

17
 18 b) With respect to the Rate Class Customer and Rate Class Energy tabs, please
 19 confirm that in the updated Load Forecast the pre-2013 customer counts and
 20 the kWh values used for the GS>50 class both exclude the four WMPs.

21 LH Response:

22 London Hydro would confirm that the updated Load Forecast the pre-2013 customer counts and
 23 the kWh values used for the GS>50 class both exclude the four WMPs.



1 c) Staff 41 states (page 25 of 35) that Table 3.1.2.16 is unchanged. However, in
 2 the updated Rate Class Energy Model tab the values for the GS>50 class
 3 differ. Please reconcile.

4
 5 LH Response:

6
 7 London Hydro removed the WMP from the GS>50 class for the years 2006 to 2011 as
 8 recommended in 3-VECC-24 c.

■ **TABLE 3.1.2.16: HISTORICAL KWH USAGE BY YEAR¶**

Year	Residential	General Service < 50 kW	Adjusted General Service > 50 kW	Co-Gen	Adjusted Large User	Street Lighting (Conn)	Sentinel Lighting (Conn)	Unmetered Scattered Load (Conn)	Total
Consumption (kWh)									
2006	1,088,755,114	410,108,836	1,627,356,865	30,875,410	108,044,054	22,245,536	870,735	6,328,409	3,294,584,959
2007	1,117,283,048	417,026,808	1,615,211,987	37,213,732	115,273,670	23,071,309	872,679	6,215,088	3,332,168,321
2008	1,119,770,671	418,620,282	1,561,039,026	39,755,988	113,396,330	23,270,767	862,739	5,647,248	3,282,363,050
2009	1,067,984,894	392,901,741	1,446,931,261	42,590,885	121,341,105	23,394,430	836,233	5,570,493	3,101,551,043
2010	1,146,514,255	407,620,994	1,571,501,087	45,965,216	122,601,392	23,532,529	831,089	5,523,748	3,324,090,310
2011	1,128,889,459	407,986,442	1,539,418,651	37,918,668	123,286,320	23,650,724	812,670	5,645,414	3,267,608,348
2012	1,103,889,962	400,003,533	1,513,436,751	39,375,740	121,512,036	23,812,743	790,064	5,600,414	3,208,421,243
2013	1,091,107,757	400,291,647	1,485,615,093	43,072,446	121,362,031	24,330,710	772,541	5,630,160	3,172,182,384
2014	1,096,195,854	405,335,151	1,499,515,193	36,488,426	117,379,515	24,496,241	738,785	5,568,049	3,185,717,215
2015	1,084,665,542	399,647,918	1,484,614,973	38,831,481	111,335,382	24,640,359	738,971	5,522,828	3,149,997,453

¶ ~~The table from above has not changed from previously reported.~~¶

9 **Forecast Consumption by Rate Class (kWh)**

Year	Residential	General Service < 50 kW	Adjusted General Service > 50 kW	Co-Gen	Adjusted Large User	Street Lighting (Conn)	Sentinel Lighting (Conn)	Unmetered Scattered Load (Conn)	Total
Consumption (kWh)									
2006	1,088,755,114	410,108,836	1,608,473,485	30,875,410	108,044,054	22,245,536	870,735	6,328,409	3,275,701,579
2007	1,117,283,048	417,026,808	1,595,425,678	37,213,732	115,273,670	23,071,309	872,679	6,215,088	3,312,382,012
2008	1,119,770,671	418,620,282	1,541,096,158	39,755,988	113,396,330	23,270,767	862,739	5,647,248	3,262,420,182
2009	1,067,984,894	392,901,741	1,426,537,474	42,590,885	121,341,105	23,394,430	836,233	5,570,493	3,081,157,255
2010	1,146,514,255	407,620,994	1,550,511,761	45,965,216	122,601,392	23,532,529	831,089	5,523,748	3,303,100,984
2011	1,128,889,459	407,986,442	1,518,936,151	37,918,668	123,286,320	23,650,724	812,670	5,645,414	3,247,125,848
2012	1,103,889,962	400,003,533	1,508,216,004	39,375,740	121,512,036	23,812,743	790,064	5,600,414	3,203,200,497
2013	1,091,107,757	400,291,647	1,485,615,093	43,072,446	121,362,031	24,330,710	772,541	5,630,160	3,172,182,384
2014	1,096,195,854	405,335,151	1,499,515,193	36,488,426	117,379,515	24,496,241	738,785	5,568,049	3,185,717,215
2015	1,084,665,542	399,647,918	1,484,614,973	38,831,481	111,335,382	24,640,359	738,971	5,522,828	3,149,997,453

10



1 **3-VECC-71**

2

3 Reference: Staff – 41, Revised Tables 3.1.2.11 / VECC 25 f)/ Staff - 54, 2014 CDM
 4 Annual Report

5 a) Please explain why in VECC 25 f) the CDM value shown for the 2015 impact of
 6 2015 programs is 32,777 MWh as opposed to the value set out in updated Table
 7 3.1.2.11 (31,995 MWh).

8 b) Please reconcile the CDM value shown in VECC 25 f) for the 2013 impact of
 9 2013 programs (22,287 MWh – including true-ups) with that reported in Staff 54
 10 (15,028 + 52 + 4,482 = 19,572 MWh – reported 2013 savings plus true-ups)

11 c) Please reconcile the CDM value shown in VECC 25 f) for the 2012 impact of
 12 2012 programs (17,059 MWh – including true-ups) with that reported in Staff 54
 13 (14,033 + 32 + 2,658 = 16,723 MWh – reported 2012 savings plus true-ups)

14 d) Please revise the response to VECC 25 f) as required and update to include
 15 2016 values assumed for forecast.

16

17

18 **LH Response:**

Net Energy Savings (MWh)			2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
#	Program Year	Results Status											
1	2006 Programs	Final	10,203	10,203	10,203	10,203	1,772	1,772	1,621	1,621	1,523	1,523	1,523
2	2007 Programs	Final	0	11,722	8,953	8,610	8,610	8,608	4,980	4,980	4,980	1,700	1,700
3	2008 Programs	Final	0	0	20,381	18,544	18,532	18,532	18,037	18,034	17,521	17,138	17,138
4	2009 Programs	Final	0	0	0	20,905	18,663	18,663	18,653	18,342	17,349	15,464	15,464
5	2010 Programs	Final	0	0	0	0	18,171	14,002	13,987	13,981	13,683	12,451	12,451
6	2011 Programs	Final	0	0	0	0	0	21,135	20,990	20,990	20,922	19,589	18,462
7	2011 Programs True Up	Final						347	336	336	303	284	36
8	2012 Programs	Final	0	0	0	0	0	14,065	13,791	13,559	13,559	12,752	12,292
9	2012 Programs True Up	Final						2,658	336	336	303	284	36
10	2013 Programs	Final	0	0	0	0	0	0	0	15,080	12,687	12,543	11,690
11	2013 Programs True Up	Final								4,482	682	670	645
12	2014 Programs	Final	0	0	0	0	0	0	0	20,708		19,989	19,214
13	2015 Programs	Final										31,995	30,503
13	2016 Programs												37,443
Total			10,202.89	21,924.46	39,536.57	58,261.60	65,747.70	83,059.30	95,326.39	111,973.73	124,221.54	146,383.35	178,598.32

19



1 3-VECC-72

2

3 Reference: LPMA 31

4 a) What accounts for the significant increase in Miscellaneous Non-Operating
5 Income in 2016 vs. 2015?

6 b) Is the 2017 forecast for this account still reasonable and, if so, why?

7

8 LH Response:

9 (a)

10 The significant increase in Miscellaneous Non-Operating Income in 2016 vs. 2015 is related to
11 the sale of scrap. Sale of Scrap accounted for \$273k of the variance seen in 3-LPMA-31.

12 (b)

13 London Hydro believes that the 2017 forecast for this account is still reasonable. Sale of scrap
14 revenues are largely dependent on the mix of scrap metal and the associated metal prices,
15 which fluctuate from year to year. As prices are not known at the time of forecasting, forecasts
16 for this amount are done based on recent historical averages.



London Hydro

Exhibit 4 Interrogatories
Response to Interrogatories
EB-2016-0091

Rates Effective: May 1, 2017

Date Filed: January 17, 2017

London Hydro
111 Horton Street
P.O. Box 2700
London, ON
N6A 4H6



File Number: EB-2016-0091

Date Filed: January 17, 2017

Tab 6 of 8

Board Staff Supplemental Exhibit 4



File Number: EB-2016-0091

Interrogatories for Exhibit: 4

Tab: 6

Schedule: 1

Page: 1 of 1

Date Filed: January 17, 2017

1 Supplemental 4-Staff-49

2

3 In Appendix 2-KA, amounts recovered in rates are different every year. How are these amounts
4 determined?

5

6 [LH Response:](#)

7 Amounts recovered in rates as presented in Appendix 2-KA represent amounts included in
8 Approved Test Years, and adjusted for IRM adjustments in interim years resulting in a different
9 amount each year.



File Number: EB-2016-0091

Interrogatories for Exhibit: 4

Tab: 6

Schedule: 2

Page: 1 of 1

Date Filed: January 17, 2017

1 Supplemental 4-Staff-50

2

3 Spare transformers and electric meters are amortized starting from the date of acquisition. What
4 would the impact to depreciation expense in the test year be if the depreciation expense started
5 when the spare transformers and meters were put into use, using the half year rule?

6

7 LH Response:

8 Amortizing spare transformers and electric meters from the date put into use, rather than
9 acquisition, has the impact of reducing depreciation expense by \$45,000, using the half year
10 rule.



File Number: EB-2016-0091

Interrogatories for Exhibit: 4

Tab: 6

Schedule: 3

Page: 1 of 1

Date Filed: January 17, 2017

1 Supplemental 4-Staff-56

2

3 The retail service activities and settlement process changed in 2015. An adjustment was
4 booked to bring the year to date variance up to date, effective January 1, 2012. Why did the
5 change in settlement process not change the total balance in the account, but just the allocation
6 of the balance from 2012 to 2015?

7

8 [LH Response:](#)

9



File Number: EB-2016-0091

Date Filed: January 17, 2017

Tab 7 of 8

LPMA Supplemental Exhibit 4



File Number: EB-2016-0091

Interrogatories for Exhibit: 4

Tab: 7

Schedule: 1

Page: 1 of 1

Date Filed: January 17, 2017

1 Supplemental 4-LPMA-3

2

3 Ref: 4-LPMA-33

4

5 When did LHI implement the changes in the DSC to reflect first payment to electricity services?

6

7 [LH Response:](#)

8

9 The changes were implemented January 1, 2013.



File Number: EB-2016-0091

Interrogatories for Exhibit: 4

Tab: 7

Schedule: 2

Page: 1 of 1

Date Filed: January 17, 2017

1 Supplemental 4-LPMA-4

2

3 Ref: 4-LPMA-34, Exhibit 4 Table 4-3, & January 20, 2017 IR Update Report

4

5 Appendix 2-L in the Chapter 2 Appendix spreadsheet filed with the January 20, 2017 IR Update
6 Report does not appear to have been updated to reflect actual data for 2016. Please update
7 Appendix 2-L (as shown in Table 4-3) to include actual data for 2016 (customers, OM&A and
8 FTE's). Please also reflect any changes that impact 2017, such as the customer forecast that
9 results from the Update Report.

10

11 [LH Response:](#)

12

13 [Appendix 2-L has been updated with 2016 preliminary results and changes impacting 2017.](#)



1 Supplemental 4-LPMA-5

2

3 Ref: 4-LPMA-34, Exhibit 4 Table 4-3, & January 20, 2017 IR Update Report

4

5 Appendix 2-L in the Chapter 2 Appendix spreadsheet filed with the January 20, 2017 IR Update
 6 Report does not appear to have been updated to reflect actual data for 2016. Please update
 7 Appendix 2-L (as shown in Table 4-3) to include actual data for 2016 (customers, OM&A and
 8 FTE's). Please also reflect any changes that impact 2017, such as the customer forecast that
 9 results from the Update Report.

10

11 [LH Response:](#)

12 Table 4-60 has been updated to include preliminary results for the year ended
 13 December 31, 2016 below.

Consolidated Cost Elements								
Nature of expenditure	2013 Board		2014 Actual	2015 Actual	2016 Bridge	2017 Proposed Test Year	2013 Actuals to 2017 Test	CAGR
	2013 Actual	Approved						
	\$	\$	\$	\$	\$	\$	\$	%
Labour and services								
Labour and benefits	22,759,881	22,944,600	23,307,175	24,198,583	25,027,613	25,430,900	2,671,019	3%
Employee expenses and development	951,265	998,500	1,193,244	1,231,533	1,221,676	1,484,900	533,635	12%
Contractor services	4,612,973	4,823,600	5,372,776	5,678,675	6,002,527	6,214,500	1,601,527	8%
	28,324,120	28,766,700	29,873,195	31,108,791	32,251,815	33,130,300	4,806,180	4%
Technology and communications								
Computer software and hardware	1,005,259	1,255,200	1,239,798	1,516,363	1,754,943	2,389,900	1,384,641	24%
Technology and radio licensing	169,550	263,800	179,671	205,044	215,943	300,000	130,450	15%
Phone, internet and radio systems	398,578	352,900	445,821	434,205	474,935	560,300	161,722	9%
	1,573,387	1,871,900	1,865,290	2,155,612	2,445,821	3,250,200	1,676,813	20%
Bad debts and LEAP donation								
Bad debts	400,000	800,000	700,000	650,400	700,200	700,000	300,000	15%
Donations (LEAP)	100,000	100,000	150,000	150,000	250,000	200,000	100,000	19%
	500,000	900,000	850,000	800,400	950,200	900,000	400,000	16%
Other								
Rate application filing and OEB fees	458,817	507,700	461,790	492,165	538,046	775,000	316,183	14%
Fleet depreciation	726,900	726,800	814,974	865,252	978,086	1,077,000	350,100	10%
Facilities repairs and maintenance	870,475	1,011,000	871,934	724,509	707,382	1,035,500	165,025	4%
Pole and property leasing	215,527	226,700	216,666	311,287	336,782	340,000	124,473	12%
Other	5,105,176	5,280,900	5,237,415	5,285,735	5,460,906	5,385,700	280,524	1%
Fleet and materials management allocations	(1,722,056)	(1,869,500)	(1,817,380)	(1,773,405)	(1,963,096)	(2,115,700)	(393,644)	5%
Cost recoveries	(4,701,041)	(4,444,200)	(4,752,417)	(4,871,695)	(4,902,952)	(4,681,000)	20,041	0%
	953,800	1,439,400	1,032,982	1,033,848	1,155,154	1,816,500	862,700	17%
	31,351,306	32,978,000	33,621,467	35,098,651	36,802,990	39,097,000	7,745,694	6%

14



1 Supplemental 4-LPMA-6

2

3 Ref: 4-LPMA-39

4

5 The response is not clear as to where the revenues and associated costs are recorded. As a
6 specific example, LHI receives revenue from the City of London for water billing and incurs
7 costs to perform this function for the City.

8

9 a) Are the costs incurred to earn this revenue included in the OM&A accounts (5000 series) or
10 are they separated out and included as an offset to other revenues in account 4380?

11

12 b) Are the revenues received from the City of London included in account 4375 in other
13 revenues or some other revenue account, or are they used as an offset in the OM&A accounts?

14

15 [LH Response:](#)

16

17 [Charges to the City of London for water billing services are included in the OM&A accounts](#)
18 [\(5000 series\) and are included in the Cost Recoveries line of Table 4-60 above.](#)



1 Supplemental 4-LPMA-7

2

3 Ref: 4-LPMA-40

4

5 As a result of the DSC issue, LHI increased the OM&A expense in 2017 by \$300,000. Would
6 any of this amount be allocated to capital/billable line shown in Appendix 2-K in the response or
7 would all of the \$300,000 be in the total compensation included in OM&A?

8

9 LH Response:

10 The entire \$300,000 referred to here would not appear in Appendix 2-K, as it is not
11 compensation.

12

13 The \$300,000 would function as a reduction in the amount charged to the City of London,
14 therefore it would increase the "Customer service and collections" line of Table 4-4 (Total OM&A
15 Expenditures by Program 2013 Budget to 2017 Budget), by nature of reducing the cost
16 recoveries.

17

18 In Table 4-93 (Cost Recoveries by Element), the 2017 Amount for "City of London – water
19 services" would decrease from \$3,888,700 to \$3,588,700.



File Number: EB-2016-0091

Date Filed: January 17, 2017

Tab 8 of 8

VECC Supplemental Exhibit 4



File Number: EB-2016-0091

Interrogatories for Exhibit: 4

Tab: 8

Schedule: 1

Page: 1 of 1

Date Filed: January 17, 2017

1 4-VECC-73

2

3 4-VECC -73

4 Reference: LRAMVA Work Form / Staff-54 – Attachment 1

5 a) With respect to the 2013 savings from 2013 programs, please reconcile the total
6 kWh savings reported in Staff 54 vs those in the Work Form (20,624 MWh).

7

8 LH Response:

9 Attached please find the updated LRAMVA Work Form. The kWh is updated for Year 2013 as
10 in requested. There is no change in the total lost revenue.



London Hydro

**Exhibit 7 Interrogatories
Response to Interrogatories
EB-2016-0091**

Rates Effective: May 1, 2017

Date Filed: January 17, 2017

London Hydro
111 Horton Street
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File Number: EB-2016-0091

Date Filed: January 17, 2017

Tab 6 of 7

LPMA Supplemental Exhibit 7



1 **7-LPMA-8**

2

3 Ref: 7-LPMA-57

4

5 a) Part (b) of the question asked for the total bill impact, while the response appears to show the
 6 distribution impact only. Please provide the total bill impact for each rate class.

7 LH Response:

Rate Class Residential					
kWh	RPP TOU Current TotalBill	RPP TOU Proposed TotalBill	\$ Chg	% Chg	
100	36.15	40.07	3.92	10.84%	
250	60.83	63.74	2.91	4.78%	
286.33	66.81	69.44	2.63	3.94%	
500	101.90	103.14	1.24	1.22%	
750	143.00	142.55	(0.45)	-0.31%	
1000	184.10	181.92	(2.18)	-1.18%	
1500	266.26	260.72	(5.54)	-2.08%	
2000	348.45	339.54	(8.91)	-2.56%	
5000	841.50	812.36	(29.14)	-3.46%	

8

Rate Class General Service Less Than 50 kW					
kWh	RPP TOU Current TotalBill	RPP TOU Proposed TotalBill	\$ Chg	% Chg	
1000	206.58	204.82	(1.76)	-0.85%	
2000	375.50	372.46	(3.04)	-0.81%	
4000	713.37	707.72	(5.65)	-0.79%	
5000	882.33	875.34	(6.99)	-0.79%	
10000	1,726.99	1,713.49	(13.50)	-0.78%	
15000	2,571.72	2,551.62	(20.10)	-0.78%	

9

Rate Class Unmetered Scattered Load					
kWh	RPP TOU Current TotalBill	RPP TOU Proposed TotalBill	\$ Chg	% Chg	
150	29.26	29.43	0.17	0.58%	
296.25	55.21	55.45	0.24	0.43%	

10



Rate Class		General Service 50 to 4,999 kW			
kWh	NON RPP Current TotalBill	NON RPP Proposed TotalBill	\$ Chg	% Chg	
30000	5,002.68	4,781.83	(220.85)	-4.41%	
50000	8,218.96	7,846.25	(372.71)	-4.53%	
78625.98638	13,247.78	12,519.99	(727.79)	-5.49%	
250000	40,381.57	38,490.50	(1,891.07)	-4.68%	
366710.774	58,479.29	55,919.46	(2,559.83)	-4.38%	
500000	80,584.82	76,795.79	(3,789.03)	-4.70%	
1000000	160,991.33	153,406.40	(7,584.93)	-4.71%	
1750000	281,601.09	268,322.27	(13,278.82)	-4.72%	

1

Rate Class		Large Use			
kWh	NON RPP Current TotalBill	NON RPP Proposed TotalBill	\$ Chg	% Chg	
6910292.058	1,095,082.12	1,076,617.01	(18,465.11)	-1.69%	
9000000	1,424,774.39	1,399,639.63	(25,134.76)	-1.76%	

2

Rate Class		Street Lighting			
kWh	NON RPP Current TotalBill	NON RPP Proposed TotalBill	\$ Chg	% Chg	
45.25527215	10.20	9.74	(0.46)	-4.51%	
150	39.10	34.89	(4.21)	-10.77%	

3

Rate Class		Sentinel Lighting			
kWh	NON RPP Current TotalBill	NON RPP Proposed TotalBill	\$ Chg	% Chg	
98.25	22.46	23.04	0.58	2.58%	
150	44.61	43.19	(1.42)	-3.18%	

4

5

6

7

8

9

10

11

b) Part (c) asked for the maximum revenue to cost ratio that can be used in 2017 for each of the classes that are below the floor of the target range that results in a maximum 10% increase in the total bill. The response appears to be based on the increase in distribution revenues only. Please provide the response based on the total bill impact.

[LH Response:](#)



1

Rate Class Residential					
kWh	RPP TOU Current TotalBill	RPP TOU Proposed TotalBill	\$ Chg	% Chg	
100	36.15	40.07	3.92	10.84%	
250	60.83	63.74	2.91	4.78%	
286.33	66.81	69.44	2.63	3.94%	
500	101.90	103.14	1.24	1.22%	
750	143.00	142.55	(0.45)	-0.31%	
1000	184.10	181.92	(2.18)	-1.18%	
1500	266.26	260.72	(5.54)	-2.08%	
2000	348.45	339.54	(8.91)	-2.56%	
5000	841.50	812.36	(29.14)	-3.46%	

2

Rate Class General Service Less Than 50 kW					
kWh	RPP TOU Current TotalBill	RPP TOU Proposed TotalBill	\$ Chg	% Chg	
1000	206.58	204.82	(1.76)	-0.85%	
2000	375.50	372.46	(3.04)	-0.81%	
4000	713.37	707.72	(5.65)	-0.79%	
5000	882.33	875.34	(6.99)	-0.79%	
10000	1,726.99	1,713.49	(13.50)	-0.78%	
15000	2,571.72	2,551.62	(20.10)	-0.78%	

3

Rate Class Unmetered Scattered Load					
kWh	RPP TOU Current TotalBill	RPP TOU Proposed TotalBill	\$ Chg	% Chg	
150	29.26	29.09	(0.17)	-0.58%	
296.25	55.21	54.93	(0.28)	-0.51%	

4

Rate Class General Service 50 to 4,999 kW					
kWh	NON RPP Current TotalBill	NON RPP Proposed TotalBill	\$ Chg	% Chg	
30000	5,002.68	4,782.14	(220.54)	-4.41%	
50000	8,218.96	7,846.65	(372.31)	-4.53%	
78625.98638	13,247.78	12,520.66	(727.12)	-5.49%	
250000	40,381.57	38,491.95	(1,889.62)	-4.68%	
366710.774	58,479.29	55,921.34	(2,557.95)	-4.37%	
500000	80,584.82	76,798.54	(3,786.28)	-4.70%	
1000000	160,991.33	153,411.75	(7,579.58)	-4.71%	
1750000	281,601.09	268,331.52	(13,269.57)	-4.71%	



1

Rate Class	Large Use				
kWh	NON RPP Current TotalBill	NON RPP Proposed TotalBill	\$ Chg	% Chg	
6910292.058	1,095,082.12	1,076,617.01	(18,465.11)	-1.69%	
9000000	1,424,774.39	1,399,639.63	(25,134.76)	-1.76%	

2

Rate Class	Street Lighting				
kWh	NON RPP Current TotalBill	NON RPP Proposed TotalBill	\$ Chg	% Chg	
45.25527215	10.20	9.74	(0.46)	-4.51%	
150	39.10	34.89	(4.21)	-10.77%	

3

Rate Class	Sentinel Lighting				
kWh	NON RPP Current TotalBill	NON RPP Proposed TotalBill	\$ Chg	% Chg	
98.25	22.46	22.51	0.05	0.22%	
150	44.61	41.98	(2.63)	-5.90%	



File Number:EB-2016-0091

Tab: 6
Schedule: 1

Date Filed:January 17, 2017

Attachment 1 of 2

7-LPMA-8 Part a

Residential	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	16.42	16.42	1	20.11	20.11	3.69	22.5%	50.19%
Distribution Volumetric Rate	100	0.0121	1.21	100	0.0082	0.82	-0.39	(32.2)%	2.05%
Total: Distribution			17.63			20.93	3.30	18.7%	52.23%
Loss Adjustment - Energy			0.39			0.35	-0.04	(9.9)%	0.88%
Fixed Rate Riders			0.80			1.17	0.37	46.3%	2.92%
Volumetric Rate Riders			-0.13			-0.24	-0.11	84.6%	-0.60%
Total: Distribution With Deferrals			18.69			22.21	6.82	36.5%	55.43%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	23.56%
Sub-Total: Delivery (Distribution and Retail Transmission)			28.55			31.65	6.40	22.4%	78.99%
Regulatory			0.86			0.86	0.00	0.0%	2.15%
Energy			11.13			11.13	-0.00	(0.0)%	27.77%
Debt Retirement Charge (DRC)			0.00			0.00	0.00	0.0%	0.00%
HST			4.16			4.61	0.45	10.8%	11.50%
Total Bill After Adjustments			44.70			48.25	3.55	7.9%	120.41%

Residential	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	16.42	16.42	1	20.11	20.11	3.69	22.5%	31.55%
Distribution Volumetric Rate	250	0.0121	3.03	250	0.0082	2.05	-0.98	(32.3)%	3.22%
Total: Distribution			19.45			22.16	2.71	13.9%	34.77%
Loss Adjustment - Energy			0.97			0.88	-0.10	(9.9)%	1.38%
Fixed Rate Riders			0.80			1.17	0.37	46.3%	1.84%
Volumetric Rate Riders			-0.33			-0.60	-0.27	81.8%	-0.94%
Total: Distribution With Deferrals			20.89			23.61	5.42	26.0%	37.04%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	14.81%
Sub-Total: Delivery (Distribution and Retail Transmission)			30.75			33.05	5.00	16.3%	51.85%
Regulatory			1.80			1.80	0.00	0.0%	2.82%
Energy			27.85			27.85	0.01	0.0%	43.70%
Debt Retirement Charge (DRC)			0.00			0.00	0.00	0.0%	0.00%
HST			7.00			7.33	0.33	4.7%	11.50%
Total Bill After Adjustments			67.40			70.03	2.63	3.9%	109.87%

Residential	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	16.42	16.42	1	20.11	20.11	3.69	22.5%	28.96%
Distribution Volumetric Rate	286	0.0121	3.46	286	0.0082	2.35	-1.11	(32.1)%	3.38%
Total: Distribution			19.88			22.46	2.58	13.0%	32.34%
Loss Adjustment - Energy			1.12			1.01	-0.11	(9.9)%	1.45%
Fixed Rate Riders			0.80			1.17	0.37	46.3%	1.68%
Volumetric Rate Riders			-0.37			-0.69	-0.32	86.5%	-0.99%
Total: Distribution With Deferrals			21.43			23.95	5.10	23.8%	34.48%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	13.59%
Sub-Total: Delivery (Distribution and Retail Transmission)			31.29			33.39	4.68	15.0%	48.08%
Regulatory			2.04			2.01	-0.03	(1.5)%	2.89%
Energy			31.89			31.89	0.00	0.0%	45.93%
Debt Retirement Charge (DRC)			0.00			0.00	0.00	0.0%	0.00%
HST			7.69			7.99	0.30	3.9%	11.51%
Total Bill After Adjustments			72.91			75.28	2.37	3.3%	108.41%

Residential	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	16.42	16.42	1	20.11	20.11	3.69	22.5%	19.50%
Distribution Volumetric Rate	500	0.0121	6.05	500	0.0082	4.10	-1.95	(32.2)%	3.98%
Total: Distribution			22.47			24.21	1.74	7.7%	23.47%
Loss Adjustment - Energy			1.95			1.76	-0.19	(9.9)%	1.70%
Fixed Rate Riders			0.80			1.17	0.37	46.3%	1.13%
Volumetric Rate Riders			-0.65			-1.20	-0.55	84.6%	-1.16%
Total: Distribution With Deferrals			24.57			25.94	3.11	12.6%	25.15%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	9.15%
Sub-Total: Delivery (Distribution and Retail Transmission)			34.43			35.38	2.69	7.8%	34.30%
Regulatory			3.35			3.35	0.00	0.0%	3.25%
Energy			55.69			55.69	0.00	0.0%	54.00%
Debt Retirement Charge (DRC)			0.00			0.00	0.00	0.0%	0.00%
HST			11.72			11.87	0.15	1.3%	11.51%
Total Bill After Adjustments			105.19			106.29	1.10	1.0%	103.05%

Residential	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	16.42	16.42	1	20.11	20.11	3.69	22.5%	14.11%
Distribution Volumetric Rate	750	0.0121	9.08	750	0.0082	6.15	-2.93	(32.3)%	4.31%
Total: Distribution			25.50			26.26	0.76	3.0%	18.42%
Loss Adjustment - Energy			2.92			2.63	-0.29	(9.9)%	1.85%
Fixed Rate Riders			0.80			1.17	0.37	46.3%	0.82%
Volumetric Rate Riders			-0.98			-1.80	-0.82	83.7%	-1.26%
Total: Distribution With Deferrals			28.24			28.26	0.78	2.8%	19.83%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	6.62%
Sub-Total: Delivery (Distribution and Retail Transmission)			38.10			37.70	0.36	0.9%	26.45%
Regulatory			4.90			4.90	0.00	0.0%	3.44%
Energy			83.55			83.55	0.00	0.0%	58.61%
Debt Retirement Charge (DRC)			0.00			0.00	0.00	0.0%	0.00%
HST			16.45			16.40	-0.05	(0.3)%	11.50%
Total Bill After Adjustments			143.00			142.55	-0.45	(0.3)%	100.00%

Residential	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	16.42	16.42	1	20.11	20.11	3.69	22.5%	11.05%
Distribution Volumetric Rate	1,000	0.0121	12.10	1,000	0.0082	8.20	-3.90	(32.2)%	4.51%
Total: Distribution			28.52			28.31	-0.21	(0.7)%	15.56%
Loss Adjustment - Energy			3.90			3.51	-0.39	(9.9)%	1.93%
Fixed Rate Riders			0.80			1.17	0.37	46.3%	0.64%
Volumetric Rate Riders			-1.30			-2.40	-1.10	84.6%	-1.32%
Total: Distribution With Deferrals			31.92			30.59	-1.54	(4.8)%	16.82%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	5.19%
Sub-Total: Delivery (Distribution and Retail Transmission)			41.78			40.03	-1.96	(4.7)%	22.00%
Regulatory			6.47			6.43	-0.04	(0.6)%	3.53%
Energy			111.39			111.39	-0.00	(0.0)%	61.23%
Debt Retirement Charge (DRC)			0.00			0.00	0.00	0.0%	0.00%

HST			21.18			20.93	-0.25	(1.2)%	11.51%
Total Bill After Adjustments			180.82			178.78	-2.04	(1.1)%	98.27%
Residential									
	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	16.42	16.42	1	20.11	20.11	3.69	22.5%	7.71%
Distribution Volumetric Rate	1,500	0.0121	18.15	1,500	0.0082	12.30	-5.85	(32.2)%	4.72%
Total: Distribution			34.57			32.41	-2.16	(6.2)%	12.43%
Loss Adjustment - Energy			5.85			5.27	-0.58	(9.9)%	2.02%
Fixed Rate Riders			0.80			1.17	0.37	46.3%	0.45%
Volumetric Rate Riders			-1.95			-3.60	-1.65	84.6%	-1.38%
Total: Distribution With Deferrals			39.27			35.25	-6.18	(15.7)%	13.52%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	3.62%
Sub-Total: Delivery (Distribution and Retail Transmission)			49.13			44.69	-6.60	(13.4)%	17.14%
Regulatory			9.57			9.53	-0.04	(0.4)%	3.66%
Energy			167.08			167.08	0.00	0.0%	64.09%
Debt Retirement Charge (DRC)			0.00			0.00	0.00	0.0%	0.00%
HST			30.63			29.99	-0.64	(2.1)%	11.50%
Total Bill After Adjustments			256.41			251.29	-5.12	(2.0)%	96.38%
Residential									
	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	16.42	16.42	1	20.11	20.11	3.69	22.5%	5.92%
Distribution Volumetric Rate	2,000	0.0121	24.20	2,000	0.0082	16.40	-7.80	(32.2)%	4.83%
Total: Distribution			40.62			36.51	-4.11	(10.1)%	10.75%
Loss Adjustment - Energy			7.80			7.02	-0.77	(9.9)%	2.07%
Fixed Rate Riders			0.80			1.17	0.37	46.3%	0.34%
Volumetric Rate Riders			-2.60			-4.80	-2.20	84.6%	-1.41%
Total: Distribution With Deferrals			46.62			39.90	-10.82	(23.2)%	11.75%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	2.78%
Sub-Total: Delivery (Distribution and Retail Transmission)			56.48			49.34	-11.24	(19.9)%	14.53%
Regulatory			12.67			12.63	-0.04	(0.3)%	3.72%
Energy			222.78			222.78	-0.01	(0.0)%	65.61%
Debt Retirement Charge (DRC)			0.00			0.00	0.00	0.0%	0.00%
HST			40.09			39.06	-1.03	(2.6)%	11.50%
Total Bill After Adjustments			332.02			323.81	-8.21	(2.5)%	95.37%
Residential									
	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	16.42	16.42	1	20.11	20.11	3.69	22.5%	2.48%
Distribution Volumetric Rate	5,000	0.0121	60.50	5,000	0.0082	41.00	-19.50	(32.2)%	5.05%
Total: Distribution			76.92			61.11	-15.81	(20.6)%	7.52%
Loss Adjustment - Energy			19.49			17.56	-1.94	(9.9)%	2.16%
Fixed Rate Riders			0.80			1.17	0.37	46.3%	0.14%
Volumetric Rate Riders			-6.50			-12.00	-5.50	84.6%	-1.48%
Total: Distribution With Deferrals			90.71			67.84	-38.69	(42.6)%	8.35%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	1.16%
Sub-Total: Delivery (Distribution and Retail Transmission)			100.57			77.28	-39.11	(38.9)%	9.51%
Regulatory			31.30			31.19	-0.11	(0.4)%	3.84%
Energy			556.96			556.95	-0.00	(0.0)%	68.56%
Debt Retirement Charge (DRC)			0.00			0.00	0.00	0.0%	0.00%
HST			96.81			93.46	-3.35	(3.5)%	11.50%
Total Bill After Adjustments			785.64			758.88	-26.76	(3.4)%	93.42%
General Service Less Than 50 kW									
	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	32.25	32.25	1	31.59	31.59	-0.66	(2.0)%	15.42%
Distribution Volumetric Rate	1,000	0.0104	10.40	1,000	0.0104	10.40	0.00	0.0%	5.08%
Total: Distribution			42.65			41.99	-0.66	(1.5)%	20.50%
Loss Adjustment - Energy			3.90			3.51	-0.39	(9.9)%	1.71%
Fixed Rate Riders			0.79			1.09	0.30	38.0%	0.53%
Volumetric Rate Riders			-1.40			-1.70	-0.30	21.4%	-0.83%
Total: Distribution With Deferrals			45.94			44.89	-1.71	(3.7)%	21.92%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	4.61%
Sub-Total: Delivery (Distribution and Retail Transmission)			55.80			54.33	-2.13	(3.8)%	26.53%
Regulatory			6.47			6.43	-0.04	(0.6)%	3.14%
Energy			111.39			111.39	-0.00	(0.0)%	54.38%
Debt Retirement Charge (DRC)			7.00			7.00	0.00	0.0%	3.42%
HST			23.77			23.56	-0.21	(0.9)%	11.50%
Total Bill After Adjustments			204.43			202.71	-1.72	(0.8)%	98.97%
General Service Less Than 50 kW									
	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	32.25	32.25	1	31.59	31.59	-0.66	(2.0)%	8.48%
Distribution Volumetric Rate	2,000	0.0104	20.80	2,000	0.0104	20.80	0.00	0.0%	5.58%
Total: Distribution			53.05			52.39	-0.66	(1.2)%	14.07%
Loss Adjustment - Energy			7.80			7.02	-0.77	(9.9)%	1.89%
Fixed Rate Riders			0.79			1.09	0.30	38.0%	0.29%
Volumetric Rate Riders			-2.80			-3.40	-0.60	21.4%	-0.91%
Total: Distribution With Deferrals			58.84			57.10	-2.39	(4.1)%	15.33%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	2.53%
Sub-Total: Delivery (Distribution and Retail Transmission)			68.70			66.54	-2.81	(4.1)%	17.87%
Regulatory			12.67			12.63	-0.04	(0.3)%	3.39%
Energy			222.78			222.78	-0.01	(0.0)%	59.81%
Debt Retirement Charge (DRC)			14.00			14.00	0.00	0.0%	3.76%
HST			43.20			42.85	-0.35	(0.8)%	11.50%
Total Bill After Adjustments			361.35			358.80	-2.55	(0.7)%	96.33%
General Service Less Than 50 kW									
	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	32.25	32.25	1	31.59	31.59	-0.66	(2.0)%	4.46%
Distribution Volumetric Rate	4,000	0.0104	41.60	4,000	0.0104	41.60	0.00	0.0%	5.88%
Total: Distribution			73.85			73.19	-0.66	(0.9)%	10.34%
Loss Adjustment - Energy			15.59			14.05	-1.55	(9.9)%	1.98%
Fixed Rate Riders			0.79			1.09	0.30	38.0%	0.15%
Volumetric Rate Riders			-5.60			-6.80	-1.20	21.4%	-0.96%
Total: Distribution With Deferrals			84.63			81.53	-3.77	(4.5)%	11.52%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	1.33%
Sub-Total: Delivery (Distribution and Retail Transmission)			94.49			90.97	-4.19	(4.4)%	12.85%
Regulatory			25.08			25.00	-0.08	(0.3)%	3.53%
Energy			445.57			445.56	-0.00	(0.0)%	62.96%
Debt Retirement Charge (DRC)			28.00			28.00	0.00	0.0%	3.96%

HST			82.07			81.42	-0.65	(0.8)%	11.50%
Total Bill After Adjustments			675.21			670.95	-4.26	(0.6)%	94.80%
General Service Less Than 50 kW									
	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	32.25	32.25	1	31.59	31.59	-0.66	(2.0)%	3.61%
Distribution Volumetric Rate	5,000	0.0104	52.00	5,000	0.0104	52.00	0.00	0.0%	5.94%
Total: Distribution			84.25			83.59	-0.66	(0.8)%	9.55%
Loss Adjustment - Energy			19.49			17.56	-1.94	(9.9)%	2.01%
Fixed Rate Riders			0.79			1.09	0.30	38.0%	0.12%
Volumetric Rate Riders			-7.00			-8.50	-1.50	21.4%	-0.97%
Total: Distribution With Deferrals			97.53			93.74	-4.46	(4.6)%	10.71%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	1.08%
Sub-Total: Delivery (Distribution and Retail Transmission)			107.39			103.18	-4.88	(4.5)%	11.79%
Regulatory			31.30			31.19	-0.11	(0.4)%	3.56%
Energy			556.96			556.95	-0.00	(0.0)%	63.63%
Debt Retirement Charge (DRC)			35.00			35.00	0.00	0.0%	4.00%
HST			101.51			100.70	-0.81	(0.8)%	11.50%
Total Bill After Adjustments			832.16			827.02	-5.14	(0.6)%	94.48%
General Service Less Than 50 kW									
	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	32.25	32.25	1	31.59	31.59	-0.66	(2.0)%	1.84%
Distribution Volumetric Rate	10,000	0.0104	104.00	10,000	0.0104	104.00	0.00	0.0%	6.07%
Total: Distribution			136.25			135.59	-0.66	(0.5)%	7.91%
Loss Adjustment - Energy			38.99			35.11	-3.87	(9.9)%	2.05%
Fixed Rate Riders			0.79			1.09	0.30	38.0%	0.06%
Volumetric Rate Riders			-14.00			-17.00	-3.00	21.4%	-0.99%
Total: Distribution With Deferrals			162.03			154.79	-7.89	(4.9)%	9.03%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	0.55%
Sub-Total: Delivery (Distribution and Retail Transmission)			171.89			164.23	-8.31	(4.8)%	9.58%
Regulatory			62.34			62.14	-0.20	(0.3)%	3.63%
Energy			1,113.89			1,113.90	0.00	0.0%	65.01%
Debt Retirement Charge (DRC)			70.00			70.00	0.00	0.0%	4.09%
HST			198.68			197.13	-1.55	(0.8)%	11.50%
Total Bill After Adjustments			1,616.80			1,607.40	-9.40	(0.6)%	93.81%
General Service Less Than 50 kW									
	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	32.25	32.25	1	31.59	31.59	-0.66	(2.0)%	1.24%
Distribution Volumetric Rate	15,000	0.0104	156.00	15,000	0.0104	156.00	0.00	0.0%	6.11%
Total: Distribution			188.25			187.59	-0.66	(0.4)%	7.35%
Loss Adjustment - Energy			58.48			52.67	-5.81	(9.9)%	2.06%
Fixed Rate Riders			0.79			1.09	0.30	38.0%	0.04%
Volumetric Rate Riders			-21.00			-25.50	-4.50	21.4%	-1.00%
Total: Distribution With Deferrals			226.52			215.85	-11.33	(5.0)%	8.46%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	0.37%
Sub-Total: Delivery (Distribution and Retail Transmission)			236.38			225.29	-11.75	(5.0)%	8.83%
Regulatory			93.40			93.08	-0.32	(0.3)%	3.65%
Energy			1,670.85			1,670.85	-0.00	(0.0)%	65.48%
Debt Retirement Charge (DRC)			105.00			105.00	0.00	0.0%	4.12%
HST			295.86			293.55	-2.31	(0.8)%	11.50%
Total Bill After Adjustments			2,401.49			2,387.77	-13.72	(0.6)%	93.58%
Unmetered Scattered Load									
	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	2.08	2.08	1	2.41	2.41	0.33	15.9%	8.19%
Distribution Volumetric Rate	150	0.0180	2.70	150	0.0209	3.14	0.44	16.3%	10.67%
Total: Distribution			4.78			5.55	0.77	16.1%	18.86%
Loss Adjustment - Energy			0.58			0.53	-0.06	(9.9)%	1.79%
Fixed Rate Riders			0.00			0.02	0.02	0.0%	0.07%
Volumetric Rate Riders			-0.21			-0.47	-0.26	123.8%	-1.60%
Total: Distribution With Deferrals			5.15			5.63	1.24	24.1%	19.12%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	32.08%
Sub-Total: Delivery (Distribution and Retail Transmission)			15.01			15.07	0.82	5.5%	51.20%
Regulatory			1.18			0.93	-0.25	(21.2)%	3.16%
Energy			16.71			16.70	-0.00	(0.0)%	56.76%
Debt Retirement Charge (DRC)			1.05			1.05	0.00	0.0%	3.57%
HST			3.37			3.39	0.02	0.6%	11.52%
Total Bill After Adjustments			37.32			37.14	-0.18	(0.5)%	126.20%
Unmetered Scattered Load									
	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	2.08	2.08	1	2.41	2.41	0.33	15.9%	4.35%
Distribution Volumetric Rate	296	0.0180	5.33	296	0.0209	6.19	0.86	16.1%	11.16%
Total: Distribution			7.41			8.60	1.19	16.1%	15.51%
Loss Adjustment - Energy			1.15			1.04	-0.11	(9.9)%	1.88%
Fixed Rate Riders			0.00			0.02	0.02	0.0%	0.04%
Volumetric Rate Riders			-0.41			-0.92	-0.51	124.4%	-1.66%
Total: Distribution With Deferrals			8.15			8.74	1.78	21.8%	15.76%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	17.02%
Sub-Total: Delivery (Distribution and Retail Transmission)			18.01			18.18	1.36	7.5%	32.79%
Regulatory			2.09			1.84	-0.25	(12.0)%	3.32%
Energy			33.00			33.00	0.00	0.0%	59.51%
Debt Retirement Charge (DRC)			2.07			2.07	0.00	0.0%	3.73%
HST			6.35			6.38	0.03	0.5%	11.51%
Total Bill After Adjustments			61.52			61.47	-0.05	(0.1)%	110.86%

Rate Class	Volumetric	kWh	kW	Load Factor	RPPTOUCurrDist
Residential	kWh	100			\$ 17.63
Residential	kWh	250			\$ 19.45
Residential	kWh	286.33			\$ 19.88
Residential	kWh	500			\$ 22.47
Residential	kWh	750			\$ 25.50
Residential	kWh	1000			\$ 28.52
Residential	kWh	1500			\$ 34.57
Residential	kWh	2000			\$ 40.62
Residential	kWh	5000			\$ 76.92
General Service Less Than 50 kW	kWh	1000			\$ 42.65
General Service Less Than 50 kW	kWh	2000			\$ 53.05
General Service Less Than 50 kW	kWh	4000			\$ 73.85
General Service Less Than 50 kW	kWh	5000			\$ 84.25
General Service Less Than 50 kW	kWh	10000			\$ 136.25
General Service Less Than 50 kW	kWh	15000			\$ 188.25
Unmetered Scattered Load	kWh	150			\$ 4.78
Unmetered Scattered Load	kWh	296.25			\$ 7.41

RPPTOUPropDist	RPPTOUDist\$Chg	RPPTOUDist%Chg	RPPTOUCurrDistDV	RPPTOUPropDistDV
\$ 20.93	\$ 3.30	18.7%	\$ 18.69	\$ 22.21
\$ 22.16	\$ 2.71	13.9%	\$ 20.89	\$ 23.61
\$ 22.46	\$ 2.58	13.0%	\$ 21.43	\$ 23.95
\$ 24.21	\$ 1.74	7.7%	\$ 24.57	\$ 25.94
\$ 26.26	\$ 0.76	3.0%	\$ 28.24	\$ 28.26
\$ 28.31	\$ (0.21)	-0.7%	\$ 31.92	\$ 30.59
\$ 32.41	\$ (2.16)	-6.2%	\$ 39.27	\$ 35.25
\$ 36.51	\$ (4.11)	-10.1%	\$ 46.62	\$ 39.90
\$ 61.11	\$ (15.81)	-20.6%	\$ 90.71	\$ 67.84
\$ 41.99	\$ (0.66)	-1.5%	\$ 45.94	\$ 44.89
\$ 52.39	\$ (0.66)	-1.2%	\$ 58.84	\$ 57.10
\$ 73.19	\$ (0.66)	-0.9%	\$ 84.63	\$ 81.53
\$ 83.59	\$ (0.66)	-0.8%	\$ 97.53	\$ 93.74
\$ 135.59	\$ (0.66)	-0.5%	\$ 162.03	\$ 154.79
\$ 187.59	\$ (0.66)	-0.4%	\$ 226.52	\$ 215.85
\$ 5.55	\$ 0.77	16.1%	\$ 5.15	\$ 5.63
\$ 8.60	\$ 1.19	16.1%	\$ 8.15	\$ 8.74

RPPTOUDistDV\$Chg	RPPTOUDistDV%Chg	RPPTOUCurrDistTrans	RPPTOUPropDistTrans
\$ 6.82	36.50%	\$ 28.55	\$ 31.65
\$ 5.42	25.95%	\$ 30.75	\$ 33.05
\$ 5.10	23.80%	\$ 31.29	\$ 33.39
\$ 3.11	12.64%	\$ 34.43	\$ 35.38
\$ 0.78	2.76%	\$ 38.10	\$ 37.70
\$ (1.54)	-4.82%	\$ 41.78	\$ 40.03
\$ (6.18)	-15.74%	\$ 49.13	\$ 44.69
\$ (10.82)	-23.22%	\$ 56.48	\$ 49.34
\$ (38.69)	-42.65%	\$ 100.57	\$ 77.28
\$ (1.71)	-3.72%	\$ 55.80	\$ 54.33
\$ (2.39)	-4.07%	\$ 68.70	\$ 66.54
\$ (3.77)	-4.45%	\$ 94.49	\$ 90.97
\$ (4.46)	-4.57%	\$ 107.39	\$ 103.18
\$ (7.89)	-4.87%	\$ 171.89	\$ 164.23
\$ (11.33)	-5.00%	\$ 236.38	\$ 225.29
\$ 1.24	24.09%	\$ 15.01	\$ 15.07
\$ 1.78	21.77%	\$ 18.01	\$ 18.18

RPPTOUDistTrans\$Chg	RPPTOUDistTrans%Chg	RPPTOUCurrTotBill	RPPTOUPropTotBill
\$ 6.40	22.42%	\$ 44.70	\$ 48.25
\$ 5.00	16.27%	\$ 67.40	\$ 70.03
\$ 4.68	14.96%	\$ 72.91	\$ 75.28
\$ 2.69	7.80%	\$ 105.19	\$ 106.29
\$ 0.36	0.94%	\$ 143.00	\$ 142.55
\$ (1.96)	-4.68%	\$ 180.82	\$ 178.78
\$ (6.60)	-13.44%	\$ 256.41	\$ 251.29
\$ (11.24)	-19.91%	\$ 332.02	\$ 323.81
\$ (39.11)	-38.88%	\$ 785.64	\$ 758.88
\$ (2.13)	-3.81%	\$ 204.43	\$ 202.71
\$ (2.81)	-4.10%	\$ 361.35	\$ 358.80
\$ (4.19)	-4.43%	\$ 675.21	\$ 670.95
\$ (4.88)	-4.54%	\$ 832.16	\$ 827.02
\$ (8.31)	-4.84%	\$ 1,616.80	\$ 1,607.40
\$ (11.75)	-4.97%	\$ 2,401.49	\$ 2,387.77
\$ 0.82	5.47%	\$ 37.32	\$ 37.14
\$ 1.36	7.52%	\$ 61.52	\$ 61.47

RPPTOUTotBill\$Chg	RPPTOUTotBill%Chg
\$ 3.55	7.94%
\$ 2.63	3.90%
\$ 2.37	3.25%
\$ 1.10	1.05%
\$ (0.45)	-0.31%
\$ (2.04)	-1.13%
\$ (5.12)	-2.00%
\$ (8.21)	-2.47%
\$ (26.76)	-3.41%
\$ (1.72)	-0.84%
\$ (2.55)	-0.71%
\$ (4.26)	-0.63%
\$ (5.14)	-0.62%
\$ (9.40)	-0.58%
\$ (13.72)	-0.57%
\$ (0.18)	-0.48%
\$ (0.05)	-0.08%

General Service 50 to 4,999 kW									
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	157.55	157.55	1	166.77	166.77	9.22	5.9%	3.49%
Distribution Volumetric Rate	60	2.6298	157.79	60	2.8729	172.37	14.58	9.2%	3.60%
Total: Distribution			315.34			339.14	23.80	7.5%	7.09%
Loss Adjustment - Energy			113.11			101.30	-11.80	(10.4)%	2.12%
Fixed Rate Riders			0.00			-3.12	-3.12	0.0%	-0.07%
Volumetric Rate Riders			121.36			-55.12	-176.48	(145.4)%	-1.15%
Total: Distribution With Deferrals			549.81			382.20	-167.60	(30.5)%	7.99%
Retail Transmission			249.21			239.99	-9.22	(3.7)%	5.02%
Sub-Total: Delivery (Distribution and Retail Transmission)			799.02			622.19	-176.82	-22.1%	13.01%
Regulatory			186.54			185.92	-0.62	(0.3)%	3.89%
Energy			3,231.59			3,213.60	-18.00	(0.6)%	67.20%
Debt Retirement Charge (DRC)			210.00			210.00	0.00	0.0%	4.39%
HST			575.53			550.12	-25.41	(4.4)%	11.50%
Total Bill After Adjustments			5,002.68			4,781.83	-220.85	-4.4%	100.00%

General Service 50 to 4,999 kW									
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	157.55	157.55	1	166.77	166.77	9.22	5.9%	2.13%
Distribution Volumetric Rate	100	2.6298	262.98	100	2.8729	287.29	24.31	9.2%	3.66%
Total: Distribution			420.53			454.06	33.53	8.0%	5.79%
Loss Adjustment - Energy			188.51			168.84	-19.67	(10.4)%	2.15%
Fixed Rate Riders			0.00			-3.12	-3.12	0.0%	-0.04%
Volumetric Rate Riders			202.27			-91.86	-294.13	(145.4)%	-1.17%
Total: Distribution With Deferrals			811.31			527.92	-283.39	(34.9)%	6.73%
Retail Transmission			415.36			399.97	-15.39	(3.7)%	5.10%
Sub-Total: Delivery (Distribution and Retail Transmission)			1,226.67			927.89	-298.78	-24.4%	11.83%
Regulatory			310.74			309.70	-1.04	(0.3)%	3.95%
Energy			5,386.01			5,355.99	-30.02	(0.6)%	68.26%
Debt Retirement Charge (DRC)			350.00			350.00	0.00	0.0%	4.46%
HST			945.54			902.67	-42.87	(4.5)%	11.50%
Total Bill After Adjustments			8,218.96			7,846.25	-372.71	-4.5%	100.00%

General Service 50 to 4,999 kW									
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	157.55	157.55	1	166.77	166.77	9.22	5.9%	1.33%
Distribution Volumetric Rate	200	2.6298	525.96	200	2.8729	574.58	48.62	9.2%	4.59%
Total: Distribution			683.51			741.35	57.84	8.5%	5.92%
Loss Adjustment - Energy			296.44			265.51	-30.93	(10.4)%	2.12%
Fixed Rate Riders			0.00			-3.12	-3.12	0.0%	-0.02%
Volumetric Rate Riders			404.54			-183.72	-588.26	(145.4)%	-1.47%
Total: Distribution With Deferrals			1,384.49			820.02	-564.47	(40.8)%	6.55%
Retail Transmission			830.72			799.94	-30.78	(3.7)%	6.39%
Sub-Total: Delivery (Distribution and Retail Transmission)			2,215.21			1,619.96	-595.25	-26.9%	12.94%
Regulatory			488.52			486.89	-1.63	(0.3)%	3.89%
Energy			8,469.59			8,422.41	-47.18	(0.6)%	67.27%
Debt Retirement Charge (DRC)			550.38			550.38	0.00	0.0%	4.40%
HST			1,524.08			1,440.35	-83.73	(5.5)%	11.50%
Total Bill After Adjustments			13,247.78			12,519.99	-727.79	-5.5%	100.00%

General Service 50 to 4,999 kW									
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	157.55	157.55	1	166.77	166.77	9.22	5.9%	0.43%
Distribution Volumetric Rate	500	2.6298	1,314.90	500	2.8729	1,436.45	121.55	9.2%	3.73%
Total: Distribution			1,472.45			1,603.22	130.77	8.9%	4.17%
Loss Adjustment - Energy			942.55			844.21	-98.34	(10.4)%	2.19%
Fixed Rate Riders			0.00			-3.12	-3.12	0.0%	-0.01%
Volumetric Rate Riders			1,011.35			-459.30	-1,470.65	(145.4)%	-1.19%
Total: Distribution With Deferrals			3,426.35			1,985.01	-1,441.34	(42.1)%	5.16%
Retail Transmission			2,076.80			1,999.85	-76.95	(3.7)%	5.20%
Sub-Total: Delivery (Distribution and Retail Transmission)			5,503.15			3,984.86	-1,518.29	-27.6%	10.35%
Regulatory			1,552.74			1,547.54	-5.20	(0.3)%	4.02%
Energy			26,930.01			26,779.99	-150.02	(0.6)%	69.58%
Debt Retirement Charge (DRC)			1,750.00			1,750.00	0.00	0.0%	4.55%
HST			4,645.67			4,428.11	-217.56	(4.7)%	11.50%
Total Bill After Adjustments			40,381.57			38,490.50	-1,891.07	-4.7%	100.00%

General Service 50 to 4,999 kW									
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	157.55	157.55	1	166.77	166.77	9.22	5.9%	0.30%
Distribution Volumetric Rate	666	2.6298	1,751.45	666	2.8729	1,913.35	161.90	9.2%	3.42%
Total: Distribution			1,909.00			2,080.12	171.12	9.0%	3.72%
Loss Adjustment - Energy			1,382.57			1,238.32	-144.26	(10.4)%	2.21%
Fixed Rate Riders			0.00			-3.12	-3.12	0.0%	-0.01%
Volumetric Rate Riders			1,347.12			-611.79	-1,958.91	(145.4)%	-1.09%
Total: Distribution With Deferrals			4,638.69			2,703.53	-1,935.17	(41.7)%	4.83%
Retail Transmission			2,766.30			2,663.80	-102.50	(3.7)%	4.76%
Sub-Total: Delivery (Distribution and Retail Transmission)			7,404.99			5,367.33	-2,037.67	-27.5%	9.60%
Regulatory			2,277.52			2,269.88	-7.64	(0.3)%	4.06%
Energy			39,502.09			39,282.06	-220.02	(0.6)%	70.25%
Debt Retirement Charge (DRC)			2,566.98			2,566.98	0.00	0.0%	4.59%
HST			6,727.71			6,433.21	-294.50	(4.4)%	11.50%
Total Bill After Adjustments			58,479.29			55,919.46	-2,559.83	-4.4%	100.00%

General Service 50 to 4,999 kW									
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	157.55	157.55	1	166.77	166.77	9.22	5.9%	0.22%
Distribution Volumetric Rate	1,000	2.6298	2,629.80	1,000	2.8729	2,872.90	243.10	9.2%	3.74%
Total: Distribution			2,787.35			3,039.67	252.32	9.1%	3.96%
Loss Adjustment - Energy			1,885.10			1,688.41	-196.69	(10.4)%	2.20%
Fixed Rate Riders			0.00			-3.12	-3.12	0.0%	0.00%
Volumetric Rate Riders			2,022.70			-918.60	-2,941.30	(145.4)%	-1.20%
Total: Distribution With Deferrals			6,695.15			3,806.36	-2,888.79	(43.1)%	4.96%
Retail Transmission			4,153.60			3,999.70	-153.90	(3.7)%	5.21%
Sub-Total: Delivery (Distribution and Retail Transmission)			10,848.75			7,806.06	-3,042.69	-28.0%	10.16%
Regulatory			3,105.25			3,094.82	-10.43	(0.3)%	4.03%
Energy			53,860.00			53,560.00	-300.00	(0.6)%	69.74%

Debt Retirement Charge (DRC)			3,500.00			3,500.00	0.00	0.0%	4.56%
HST			9,270.82			8,834.91	-435.91	(4.7)%	11.50%
Total Bill After Adjustments			80,584.82			76,795.79	-3,789.03	-4.7%	100.00%
General Service 50 to 4,999 kW									
Service Charge	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Distribution Volumetric Rate	1	157.55	157.55	1	166.77	166.77	9.22	5.9%	0.11%
	2,000	2.6298	5,259.60	2,000	2.8729	5,745.80	486.20	9.2%	3.75%
Total: Distribution			5,417.15			5,912.57	495.42	9.1%	3.85%
Loss Adjustment - Energy			3,770.20			3,376.82	-393.38	(10.4)%	2.20%
Fixed Rate Riders			0.00			-3.12	-3.12	0.0%	0.00%
Volumetric Rate Riders			4,045.40			-1,837.20	-5,882.60	(145.4)%	-1.20%
Total: Distribution With Deferrals			13,232.75			7,449.07	-5,783.68	(43.7)%	4.86%
Retail Transmission			8,307.20			7,999.40	-307.80	(3.7)%	5.21%
Sub-Total: Delivery (Distribution and Retail Transmission)			21,539.95			15,448.47	-6,091.48	-28.3%	10.07%
Regulatory			6,210.25			6,189.40	-20.85	(0.3)%	4.03%
Energy			107,720.00			107,120.01	-599.99	(0.6)%	69.83%
Debt Retirement Charge (DRC)			7,000.00			7,000.00	0.00	0.0%	4.56%
HST			18,521.13			17,648.52	-872.61	(4.7)%	11.50%
Total Bill After Adjustments			160,991.33			153,406.40	-7,584.93	-4.7%	100.00%
General Service 50 to 4,999 kW									
Service Charge	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Distribution Volumetric Rate	1	157.55	157.55	1	166.77	166.77	9.22	5.9%	0.06%
	3,500	2.6298	9,204.30	3,500	2.8729	10,055.15	850.85	9.2%	3.75%
Total: Distribution			9,361.85			10,221.92	860.07	9.2%	3.81%
Loss Adjustment - Energy			6,597.85			5,909.44	-688.41	(10.4)%	2.20%
Fixed Rate Riders			0.00			-3.12	-3.12	0.0%	0.00%
Volumetric Rate Riders			7,079.45			-3,215.10	-10,294.55	(145.4)%	-1.20%
Total: Distribution With Deferrals			23,039.15			12,913.14	-10,126.01	(44.0)%	4.81%
Retail Transmission			14,537.60			13,998.95	-538.65	(3.7)%	5.22%
Sub-Total: Delivery (Distribution and Retail Transmission)			37,576.75			26,912.09	-10,664.66	-28.4%	10.03%
Regulatory			10,867.74			10,831.25	-36.49	(0.3)%	4.04%
Energy			188,510.01			187,460.00	-1,050.01	(0.6)%	69.86%
Debt Retirement Charge (DRC)			12,250.00			12,250.00	0.00	0.0%	4.57%
HST			32,396.59			30,868.93	-1,527.66	(4.7)%	11.50%
Total Bill After Adjustments			281,601.09			268,322.27	-13,278.82	-4.7%	100.00%
General Service 50 to 4,999 kW (CoGen)									
Service Charge	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Distribution Volumetric Rate	1	2523.99	2523.99	1	2650	2650	126.01	5.0%	5.44%
	1,372	4.4090	6,049.15	1,372	4.9833	6,837.09	787.94	13.0%	14.03%
Total: Distribution			8,573.14			9,487.09	913.95	10.7%	19.47%
Loss Adjustment - Energy			801.43			717.81	-83.62	(10.4)%	1.47%
Fixed Rate Riders			0.00			-9.12	-9.12	0.0%	-0.02%
Volumetric Rate Riders			-59.81			-762.56	-702.75	1175.0%	-1.57%
Total: Distribution With Deferrals			9,314.76			9,433.22	118.46	1.3%	19.36%
Retail Transmission			8,419.82			8,107.01	-312.81	(3.7)%	16.64%
Sub-Total: Delivery (Distribution and Retail Transmission)			17,734.58			17,540.23	-194.35	-1.1%	36.00%
Regulatory			1,320.30			1,315.87	-4.43	(0.3)%	2.70%
Energy			22,898.01			22,770.47	-127.54	(0.6)%	46.74%
Debt Retirement Charge (DRC)			1,487.99			1,487.99	0.00	0.0%	3.05%
HST			5,647.31			5,604.89	-42.42	(0.8)%	11.50%
Total Bill After Adjustments			49,088.19			48,719.45	-368.74	-0.8%	100.00%
General Service 50 to 4,999 kW (CoGen)									
Service Charge	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Distribution Volumetric Rate	1	2523.99	2523.99	1	2650	2650	126.01	5.0%	0.92%
	3,500	4.4090	15,431.50	3,500	4.9833	17,441.55	2,010.05	13.0%	6.05%
Total: Distribution			17,955.49			20,091.55	2,136.06	11.9%	6.97%
Loss Adjustment - Energy			6,597.85			5,909.44	-688.41	(10.4)%	2.05%
Fixed Rate Riders			0.00			-9.12	-9.12	0.0%	0.00%
Volumetric Rate Riders			-152.60			-1,945.30	-1,792.70	1174.8%	-0.67%
Total: Distribution With Deferrals			24,400.74			24,046.57	-354.17	(1.5)%	8.34%
Retail Transmission			21,479.15			20,681.15	-798.00	(3.7)%	7.17%
Sub-Total: Delivery (Distribution and Retail Transmission)			45,879.89			44,727.72	-1,152.17	-2.5%	15.51%
Regulatory			10,867.74			10,831.25	-36.49	(0.3)%	3.75%
Energy			188,510.01			187,460.00	-1,050.01	(0.6)%	64.99%
Debt Retirement Charge (DRC)			12,250.00			12,250.00	0.00	0.0%	4.25%
HST			33,475.99			33,184.97	-291.02	(0.9)%	11.50%
Total Bill After Adjustments			290,983.63			288,453.94	-2,529.69	-0.9%	100.00%
Large Use									
Service Charge	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Distribution Volumetric Rate	1	20286.64	20286.64	1	21350	21350	1,063.36	5.2%	1.98%
	13,302	2.2003	29,268.39	13,302	2.3177	30,830.05	1,561.66	5.3%	2.86%
Total: Distribution			49,555.03			52,180.05	2,625.02	5.3%	4.85%
Loss Adjustment - Energy			18,311.67			15,787.12	-2,524.54	(13.8)%	1.47%
Fixed Rate Riders			0.00			-308.75	-308.75	0.0%	-0.03%
Volumetric Rate Riders			-8,555.85			-21,857.85	-13,302.00	155.5%	-2.03%
Total: Distribution With Deferrals			59,310.85			45,800.57	-13,510.27	(22.8)%	4.25%
Retail Transmission			74,557.71			71,868.05	-2,689.66	(3.6)%	6.68%
Sub-Total: Delivery (Distribution and Retail Transmission)			133,868.56			117,668.62	-16,199.93	-12.1%	10.93%
Regulatory			42,481.96			42,341.09	-140.87	(0.3)%	3.93%
Energy			744,376.66			744,376.67	0.00	0.0%	69.14%
Debt Retirement Charge (DRC)			48,372.04			48,372.04	0.00	0.0%	4.49%
HST			125,982.90			123,858.59	-2,124.31	(1.7)%	11.50%
Total Bill After Adjustments			1,095,082.12			1,076,617.01	-18,465.11	-1.7%	100.00%
Large Use									
Service Charge	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Distribution Volumetric Rate	1	20286.64	20286.64	1	21350	21350	1,063.36	5.2%	1.53%
	18,000	2.2003	39,605.40	18,000	2.3177	41,718.60	2,113.20	5.3%	2.98%
Total: Distribution			59,892.04			63,068.60	3,176.56	5.3%	4.51%
Loss Adjustment - Energy			23,849.21			20,561.23	-3,287.98	(13.8)%	1.47%
Fixed Rate Riders			0.00			-308.75	-308.75	0.0%	-0.02%
Volumetric Rate Riders			-11,577.60			-29,577.60	-18,000.00	155.5%	-2.11%
Total: Distribution With Deferrals			72,163.65			53,743.48	-18,420.17	(25.5)%	3.84%
Retail Transmission			100,890.00			97,250.40	-3,639.60	(3.6)%	6.95%
Sub-Total: Delivery (Distribution and Retail Transmission)			173,053.65			150,993.88	-22,059.77	-12.7%	10.79%

Regulatory		55,328.65		55,145.26	-183.39	(0.3)%	3.94%
Energy		969,479.99		969,480.00	0.01	0.0%	69.27%
Debt Retirement Charge (DRC)		63,000.00		63,000.00	0.00	0.0%	4.50%
HST		163,912.10		161,020.49	-2,891.61	(1.8)%	11.50%
Total Bill After Adjustments		1,424,774.39		1,399,639.63	-25,134.76	-1.8%	100.00%

Street Lighting	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	1.64	1.64	1	1.62	1.62	-0.02	(1.2)%	16.63%
Distribution Volumetric Rate	0	8.5143	1.08	0	8.4156	1.07	-0.01	(0.9)%	10.99%
Total: Distribution			2.72			2.69	-0.03	(1.1)%	27.62%
Loss Adjustment - Energy			0.17			0.15	-0.02	(10.4)%	1.57%
Fixed Rate Riders			0.00			0.04	0.04	0.0%	0.41%
Volumetric Rate Riders			-0.06			-0.16	-0.10	166.7%	-1.64%
Total: Distribution With Deferrals			2.83			2.72	-0.11	(3.8)%	27.96%
Retail Transmission			0.47			0.45	-0.02	(4.3)%	4.62%
Sub-Total: Delivery (Distribution and Retail Transmission)			3.30			3.17	-0.13	-3.9%	32.58%
Regulatory			0.53			0.28	-0.25	(47.2)%	2.87%
Energy			4.88			4.85	-0.03	(0.7)%	49.77%
Debt Retirement Charge (DRC)			0.32			0.32	0.00	0.0%	3.29%
HST			1.17			1.12	-0.05	(4.3)%	11.50%
Total Bill After Adjustments			10.20			9.74	-0.46	-4.5%	100.00%

Street Lighting	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	1.64	1.64	1	1.62	1.62	-0.02	(1.2)%	4.64%
Distribution Volumetric Rate	1	8.5143	8.51	1	8.4156	8.42	-0.09	(1.1)%	24.13%
Total: Distribution			10.15			10.04	-0.11	(1.1)%	28.78%
Loss Adjustment - Energy			0.57			0.51	-0.06	(10.4)%	1.45%
Fixed Rate Riders			0.00			0.04	0.04	0.0%	0.11%
Volumetric Rate Riders			1.83			-1.28	-3.11	(169.9)%	-3.67%
Total: Distribution With Deferrals			12.55			9.31	-3.24	(25.8)%	26.67%
Retail Transmission			3.66			3.52	-0.14	(3.8)%	10.09%
Sub-Total: Delivery (Distribution and Retail Transmission)			16.21			12.83	-3.38	-20.9%	36.76%
Regulatory			1.18			0.93	-0.25	(21.2)%	2.67%
Energy			16.16			16.07	-0.09	(0.6)%	46.07%
Debt Retirement Charge (DRC)			1.05			1.05	0.00	0.0%	3.01%
HST			4.50			4.01	-0.49	(10.9)%	11.49%
Total Bill After Adjustments			39.10			34.89	-4.21	-10.8%	100.00%

Sentinel Lighting	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	3.48	3.48	1	4.07	4.07	0.59	17.0%	17.66%
Distribution Volumetric Rate	0	11.4837	3.05	0	13.4427	3.57	0.52	17.0%	15.49%
Total: Distribution			6.53			7.64	1.11	17.0%	33.16%
Loss Adjustment - Energy			0.37			0.33	-0.04	(10.4)%	1.44%
Fixed Rate Riders			0.00			0.03	0.03	0.0%	0.13%
Volumetric Rate Riders			-0.13			-0.37	-0.24	184.6%	-1.61%
Total: Distribution With Deferrals			6.77			7.63	0.86	12.7%	33.12%
Retail Transmission			0.98			0.94	-0.04	(4.1)%	4.08%
Sub-Total: Delivery (Distribution and Retail Transmission)			7.75			8.57	0.82	10.6%	37.20%
Regulatory			0.86			0.60	-0.26	(30.2)%	2.60%
Energy			10.58			10.53	-0.05	(0.5)%	45.70%
Debt Retirement Charge (DRC)			0.69			0.69	0.00	0.0%	2.99%
HST			2.58			2.65	0.07	2.7%	11.50%
Total Bill After Adjustments			22.46			23.04	0.58	2.6%	100.00%

Sentinel Lighting	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	3.48	3.48	1	4.07	4.07	0.59	17.0%	9.42%
Distribution Volumetric Rate	1	11.4837	11.48	1	13.4427	13.44	1.96	17.1%	31.12%
Total: Distribution			14.96			17.51	2.55	17.0%	40.54%
Loss Adjustment - Energy			0.57			0.51	-0.06	(10.4)%	1.17%
Fixed Rate Riders			0.00			0.03	0.03	0.0%	0.07%
Volumetric Rate Riders			1.90			-1.41	-3.31	(174.2)%	-3.26%
Total: Distribution With Deferrals			17.43			16.64	-0.79	(4.5)%	38.52%
Retail Transmission			3.66			3.53	-0.13	(3.6)%	8.17%
Sub-Total: Delivery (Distribution and Retail Transmission)			21.09			20.17	-0.92	-4.4%	46.69%
Regulatory			1.18			0.93	-0.25	(21.2)%	2.15%
Energy			16.16			16.07	-0.09	(0.6)%	37.22%
Debt Retirement Charge (DRC)			1.05			1.05	0.00	0.0%	2.43%
HST			5.13			4.97	-0.16	(3.1)%	11.51%
Total Bill After Adjustments			44.61			43.19	-1.42	-3.2%	100.00%

Rate Class	Volumetric	kWh	kW
General Service 50 to 4,999 kW	kW	30,000	60.0
General Service 50 to 4,999 kW	kW	50,000	100.0
General Service 50 to 4,999 kW	kW	78,626	200.5
General Service 50 to 4,999 kW	kW	250,000	500.0
General Service 50 to 4,999 kW	kW	366,711	665.6
General Service 50 to 4,999 kW	kW	500,000	1,000.0
General Service 50 to 4,999 kW	kW	1,000,000	2,000.0
General Service 50 to 4,999 kW	kW	1,750,000	3,500.0
General Service 50 to 4,999 kW (CoGeneration)	kW	212,570	1,371.7
General Service 50 to 4,999 kW (CoGeneration)	kW	1,750,000	3,500.0
Large Use	kW	6,910,292	13,302.3
Large Use	kW	9,000,000	18,000.0
Street Lighting	kW	45	0.1
Street Lighting	kW	150	1.0
Sentinel Lighting	kW	98	0.3
Sentinel Lighting	kW	150	1.0

Load Factor	NONRPPCurrDist	NONRPPPropDist	NONRPPDist\$Chg	NONRPPDist%Chg
68.5%	\$ 315.34	\$ 339.14	\$ 23.80	7.5%
68.5%	\$ 420.53	\$ 454.06	\$ 33.53	8.0%
53.7%	\$ 683.51	\$ 741.35	\$ 57.84	8.5%
68.5%	\$ 1,472.45	\$ 1,603.22	\$ 130.77	8.9%
75.5%	\$ 1,909.00	\$ 2,080.12	\$ 171.12	9.0%
68.5%	\$ 2,787.35	\$ 3,039.67	\$ 252.32	9.1%
68.5%	\$ 5,417.15	\$ 5,912.57	\$ 495.42	9.1%
68.5%	\$ 9,361.85	\$ 10,221.92	\$ 860.07	9.2%
21.2%	\$ 8,573.14	\$ 9,487.09	\$ 913.95	10.7%
68.5%	\$ 17,955.49	\$ 20,091.55	\$ 2,136.06	11.9%
71.2%	\$ 49,555.03	\$ 52,180.05	\$ 2,625.02	5.3%
68.5%	\$ 59,892.04	\$ 63,068.60	\$ 3,176.56	5.3%
49.0%	\$ 2.72	\$ 2.69	\$ (0.03)	-1.1%
20.6%	\$ 10.15	\$ 10.04	\$ (0.11)	-1.1%
50.8%	\$ 6.53	\$ 7.64	\$ 1.11	17.0%
20.6%	\$ 14.96	\$ 17.51	\$ 2.55	17.0%

NONRPPCurrDistDV	NONRPPPropDistDV	NONRPPDistDV\$Chg	NONRPPDistDV%Chg
\$ 549.81	\$ 382.20	\$ (167.60)	-30.48%
\$ 811.31	\$ 527.92	\$ (283.39)	-34.93%
\$ 1,384.49	\$ 820.02	\$ (564.47)	-40.77%
\$ 3,426.35	\$ 1,985.01	\$ (1,441.34)	-42.07%
\$ 4,638.69	\$ 2,703.53	\$ (1,935.17)	-41.72%
\$ 6,695.15	\$ 3,806.36	\$ (2,888.79)	-43.15%
\$ 13,232.75	\$ 7,449.07	\$ (5,783.68)	-43.71%
\$ 23,039.15	\$ 12,913.14	\$ (10,126.01)	-43.95%
\$ 9,314.76	\$ 9,433.22	\$ 118.46	1.27%
\$ 24,400.74	\$ 24,046.57	\$ (354.17)	-1.45%
\$ 59,310.85	\$ 45,800.57	\$ (13,510.27)	-22.78%
\$ 72,163.65	\$ 53,743.48	\$ (18,420.17)	-25.53%
\$ 2.83	\$ 2.72	\$ (0.11)	-3.81%
\$ 12.55	\$ 9.31	\$ (3.24)	-25.82%
\$ 6.77	\$ 7.63	\$ 0.86	12.72%
\$ 17.43	\$ 16.64	\$ (0.79)	-4.53%

NONRPPCurrDistTrans	NONRPPPropDistTrans	NONRPPDistTrans\$Chg	NONRPPDistTrans%Chg
\$ 799.02	\$ 622.19	\$ (176.82)	-22.13%
\$ 1,226.67	\$ 927.89	\$ (298.78)	-24.36%
\$ 2,215.21	\$ 1,619.96	\$ (595.25)	-26.87%
\$ 5,503.15	\$ 3,984.86	\$ (1,518.29)	-27.59%
\$ 7,404.99	\$ 5,367.33	\$ (2,037.67)	-27.52%
\$ 10,848.75	\$ 7,806.06	\$ (3,042.69)	-28.05%
\$ 21,539.95	\$ 15,448.47	\$ (6,091.48)	-28.28%
\$ 37,576.75	\$ 26,912.09	\$ (10,664.66)	-28.38%
\$ 17,734.58	\$ 17,540.23	\$ (194.35)	-1.10%
\$ 45,879.89	\$ 44,727.72	\$ (1,152.17)	-2.51%
\$ 133,868.56	\$ 117,668.62	\$ (16,199.93)	-12.10%
\$ 173,053.65	\$ 150,993.88	\$ (22,059.77)	-12.75%
\$ 3.30	\$ 3.17	\$ (0.13)	-3.87%
\$ 16.21	\$ 12.83	\$ (3.38)	-20.85%
\$ 7.75	\$ 8.57	\$ 0.82	10.60%
\$ 21.09	\$ 20.17	\$ (0.92)	-4.36%

NONRPPCurrTotBill	NONRPPPropTotBill	NONRPPTotBill\$Chg	NONRPPTotBill%Chg
\$ 5,002.68	\$ 4,781.83	\$ (220.85)	-4.41%
\$ 8,218.96	\$ 7,846.25	\$ (372.71)	-4.53%
\$ 13,247.78	\$ 12,519.99	\$ (727.79)	-5.49%
\$ 40,381.57	\$ 38,490.50	\$ (1,891.07)	-4.68%
\$ 58,479.29	\$ 55,919.46	\$ (2,559.83)	-4.38%
\$ 80,584.82	\$ 76,795.79	\$ (3,789.03)	-4.70%
\$ 160,991.33	\$ 153,406.40	\$ (7,584.93)	-4.71%
\$ 281,601.09	\$ 268,322.27	\$ (13,278.82)	-4.72%
\$ 49,088.19	\$ 48,719.45	\$ (368.74)	-0.75%
\$ 290,983.63	\$ 288,453.94	\$ (2,529.69)	-0.87%
\$ 1,095,082.12	\$ 1,076,617.01	\$ (18,465.11)	-1.69%
\$ 1,424,774.39	\$ 1,399,639.63	\$ (25,134.76)	-1.76%
\$ 10.20	\$ 9.74	\$ (0.46)	-4.51%
\$ 39.10	\$ 34.89	\$ (4.21)	-10.77%
\$ 22.46	\$ 23.04	\$ 0.58	2.58%
\$ 44.61	\$ 43.19	\$ (1.42)	-3.18%



File Number:EB-2016-0091

Tab: 6
Schedule: 1

Date Filed:January 17, 2017

Attachment 2 of 2

7-LPMA-8 Part b

Residential	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	16.42	16.42	1	20.11	20.11	3.69	22.5%	50.19%
Distribution Volumetric Rate	100	0.0121	1.21	100	0.0082	0.82	-0.39	(32.2)%	2.05%
Total: Distribution			17.63			20.93	3.30	18.7%	52.23%
Loss Adjustment - Energy			0.39			0.35	-0.04	(9.9)%	0.88%
Fixed Rate Riders			0.80			1.17	0.37	46.3%	2.92%
Volumetric Rate Riders			-0.13			-0.24	-0.11	84.6%	-0.60%
Total: Distribution With Deferrals			18.69			22.21	6.82	36.5%	55.43%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	23.56%
Sub-Total: Delivery (Distribution and Retail Transmission)			28.55			31.65	6.40	22.4%	78.99%
Regulatory			0.86			0.86	0.00	0.0%	2.15%
Energy			11.13			11.13	-0.00	(0.0)%	27.77%
Debt Retirement Charge (DRC)			0.00			0.00	0.00	0.0%	0.00%
HST			4.16			4.61	0.45	10.8%	11.50%
Total Bill After Adjustments			44.70			48.25	3.55	7.9%	120.41%

Residential	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	16.42	16.42	1	20.11	20.11	3.69	22.5%	31.55%
Distribution Volumetric Rate	250	0.0121	3.03	250	0.0082	2.05	-0.98	(32.3)%	3.22%
Total: Distribution			19.45			22.16	2.71	13.9%	34.77%
Loss Adjustment - Energy			0.97			0.88	-0.10	(9.9)%	1.38%
Fixed Rate Riders			0.80			1.17	0.37	46.3%	1.84%
Volumetric Rate Riders			-0.33			-0.60	-0.27	81.8%	-0.94%
Total: Distribution With Deferrals			20.89			23.61	5.42	26.0%	37.04%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	14.81%
Sub-Total: Delivery (Distribution and Retail Transmission)			30.75			33.05	5.00	16.3%	51.85%
Regulatory			1.80			1.80	0.00	0.0%	2.82%
Energy			27.85			27.85	0.01	0.0%	43.70%
Debt Retirement Charge (DRC)			0.00			0.00	0.00	0.0%	0.00%
HST			7.00			7.33	0.33	4.7%	11.50%
Total Bill After Adjustments			67.40			70.03	2.63	3.9%	109.87%

Residential	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	16.42	16.42	1	20.11	20.11	3.69	22.5%	28.96%
Distribution Volumetric Rate	286	0.0121	3.46	286	0.0082	2.35	-1.11	(32.1)%	3.38%
Total: Distribution			19.88			22.46	2.58	13.0%	32.34%
Loss Adjustment - Energy			1.12			1.01	-0.11	(9.9)%	1.45%
Fixed Rate Riders			0.80			1.17	0.37	46.3%	1.68%
Volumetric Rate Riders			-0.37			-0.69	-0.32	86.5%	-0.99%
Total: Distribution With Deferrals			21.43			23.95	5.10	23.8%	34.48%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	13.59%
Sub-Total: Delivery (Distribution and Retail Transmission)			31.29			33.39	4.68	15.0%	48.08%
Regulatory			2.04			2.01	-0.03	(1.5)%	2.89%
Energy			31.89			31.89	0.00	0.0%	45.93%
Debt Retirement Charge (DRC)			0.00			0.00	0.00	0.0%	0.00%
HST			7.69			7.99	0.30	3.9%	11.51%
Total Bill After Adjustments			72.91			75.28	2.37	3.3%	108.41%

Residential	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	16.42	16.42	1	20.11	20.11	3.69	22.5%	19.50%
Distribution Volumetric Rate	500	0.0121	6.05	500	0.0082	4.10	-1.95	(32.2)%	3.98%
Total: Distribution			22.47			24.21	1.74	7.7%	23.47%
Loss Adjustment - Energy			1.95			1.76	-0.19	(9.9)%	1.70%
Fixed Rate Riders			0.80			1.17	0.37	46.3%	1.13%
Volumetric Rate Riders			-0.65			-1.20	-0.55	84.6%	-1.16%
Total: Distribution With Deferrals			24.57			25.94	3.11	12.6%	25.15%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	9.15%
Sub-Total: Delivery (Distribution and Retail Transmission)			34.43			35.38	2.69	7.8%	34.30%
Regulatory			3.35			3.35	0.00	0.0%	3.25%
Energy			55.69			55.69	0.00	0.0%	54.00%
Debt Retirement Charge (DRC)			0.00			0.00	0.00	0.0%	0.00%
HST			11.72			11.87	0.15	1.3%	11.51%
Total Bill After Adjustments			105.19			106.29	1.10	1.0%	103.05%

Residential	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	16.42	16.42	1	20.11	20.11	3.69	22.5%	14.11%
Distribution Volumetric Rate	750	0.0121	9.08	750	0.0082	6.15	-2.93	(32.3)%	4.31%
Total: Distribution			25.50			26.26	0.76	3.0%	18.42%
Loss Adjustment - Energy			2.92			2.63	-0.29	(9.9)%	1.85%
Fixed Rate Riders			0.80			1.17	0.37	46.3%	0.82%
Volumetric Rate Riders			-0.98			-1.80	-0.82	83.7%	-1.26%
Total: Distribution With Deferrals			28.24			28.26	0.78	2.8%	19.83%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	6.62%
Sub-Total: Delivery (Distribution and Retail Transmission)			38.10			37.70	0.36	0.9%	26.45%
Regulatory			4.90			4.90	0.00	0.0%	3.44%
Energy			83.55			83.55	0.00	0.0%	58.61%
Debt Retirement Charge (DRC)			0.00			0.00	0.00	0.0%	0.00%
HST			16.45			16.40	-0.05	(0.3)%	11.50%
Total Bill After Adjustments			143.00			142.55	-0.45	(0.3)%	100.00%

Residential	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	16.42	16.42	1	20.11	20.11	3.69	22.5%	11.05%
Distribution Volumetric Rate	1,000	0.0121	12.10	1,000	0.0082	8.20	-3.90	(32.2)%	4.51%
Total: Distribution			28.52			28.31	-0.21	(0.7)%	15.56%
Loss Adjustment - Energy			3.90			3.51	-0.39	(9.9)%	1.93%
Fixed Rate Riders			0.80			1.17	0.37	46.3%	0.64%
Volumetric Rate Riders			-1.30			-2.40	-1.10	84.6%	-1.32%
Total: Distribution With Deferrals			31.92			30.59	-1.54	(4.8)%	16.82%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	5.19%
Sub-Total: Delivery (Distribution and Retail Transmission)			41.78			40.03	-1.96	(4.7)%	22.00%
Regulatory			6.47			6.43	-0.04	(0.6)%	3.53%
Energy			111.39			111.39	-0.00	(0.0)%	61.23%
Debt Retirement Charge (DRC)			0.00			0.00	0.00	0.0%	0.00%

HST			21.18			20.93	-0.25	(1.2)%	11.51%
Total Bill After Adjustments			180.82			178.78	-2.04	(1.1)%	98.27%
Residential									
	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	16.42	16.42	1	20.11	20.11	3.69	22.5%	7.71%
Distribution Volumetric Rate	1,500	0.0121	18.15	1,500	0.0082	12.30	-5.85	(32.2)%	4.72%
Total: Distribution			34.57			32.41	-2.16	(6.2)%	12.43%
Loss Adjustment - Energy			5.85			5.27	-0.58	(9.9)%	2.02%
Fixed Rate Riders			0.80			1.17	0.37	46.3%	0.45%
Volumetric Rate Riders			-1.95			-3.60	-1.65	84.6%	-1.38%
Total: Distribution With Deferrals			39.27			35.25	-6.18	(15.7)%	13.52%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	3.62%
Sub-Total: Delivery (Distribution and Retail Transmission)			49.13			44.69	-6.60	(13.4)%	17.14%
Regulatory			9.57			9.53	-0.04	(0.4)%	3.66%
Energy			167.08			167.08	0.00	0.0%	64.09%
Debt Retirement Charge (DRC)			0.00			0.00	0.00	0.0%	0.00%
HST			30.63			29.99	-0.64	(2.1)%	11.50%
Total Bill After Adjustments			256.41			251.29	-5.12	(2.0)%	96.38%
Residential									
	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	16.42	16.42	1	20.11	20.11	3.69	22.5%	5.92%
Distribution Volumetric Rate	2,000	0.0121	24.20	2,000	0.0082	16.40	-7.80	(32.2)%	4.83%
Total: Distribution			40.62			36.51	-4.11	(10.1)%	10.75%
Loss Adjustment - Energy			7.80			7.02	-0.77	(9.9)%	2.07%
Fixed Rate Riders			0.80			1.17	0.37	46.3%	0.34%
Volumetric Rate Riders			-2.60			-4.80	-2.20	84.6%	-1.41%
Total: Distribution With Deferrals			46.62			39.90	-10.82	(23.2)%	11.75%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	2.78%
Sub-Total: Delivery (Distribution and Retail Transmission)			56.48			49.34	-11.24	(19.9)%	14.53%
Regulatory			12.67			12.63	-0.04	(0.3)%	3.72%
Energy			222.78			222.78	-0.01	(0.0)%	65.61%
Debt Retirement Charge (DRC)			0.00			0.00	0.00	0.0%	0.00%
HST			40.09			39.06	-1.03	(2.6)%	11.50%
Total Bill After Adjustments			332.02			323.81	-8.21	(2.5)%	95.37%
Residential									
	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	16.42	16.42	1	20.11	20.11	3.69	22.5%	2.48%
Distribution Volumetric Rate	5,000	0.0121	60.50	5,000	0.0082	41.00	-19.50	(32.2)%	5.05%
Total: Distribution			76.92			61.11	-15.81	(20.6)%	7.52%
Loss Adjustment - Energy			19.49			17.56	-1.94	(9.9)%	2.16%
Fixed Rate Riders			0.80			1.17	0.37	46.3%	0.14%
Volumetric Rate Riders			-6.50			-12.00	-5.50	84.6%	-1.48%
Total: Distribution With Deferrals			90.71			67.84	-38.69	(42.6)%	8.35%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	1.16%
Sub-Total: Delivery (Distribution and Retail Transmission)			100.57			77.28	-39.11	(38.9)%	9.51%
Regulatory			31.30			31.19	-0.11	(0.4)%	3.84%
Energy			556.96			556.95	-0.00	(0.0)%	68.56%
Debt Retirement Charge (DRC)			0.00			0.00	0.00	0.0%	0.00%
HST			96.81			93.46	-3.35	(3.5)%	11.50%
Total Bill After Adjustments			785.64			758.88	-26.76	(3.4)%	93.42%
General Service Less Than 50 kW									
	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	32.25	32.25	1	31.59	31.59	-0.66	(2.0)%	15.42%
Distribution Volumetric Rate	1,000	0.0104	10.40	1,000	0.0104	10.40	0.00	0.0%	5.08%
Total: Distribution			42.65			41.99	-0.66	(1.5)%	20.50%
Loss Adjustment - Energy			3.90			3.51	-0.39	(9.9)%	1.71%
Fixed Rate Riders			0.79			1.09	0.30	38.0%	0.53%
Volumetric Rate Riders			-1.40			-1.70	-0.30	21.4%	-0.83%
Total: Distribution With Deferrals			45.94			44.89	-1.71	(3.7)%	21.92%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	4.61%
Sub-Total: Delivery (Distribution and Retail Transmission)			55.80			54.33	-2.13	(3.8)%	26.53%
Regulatory			6.47			6.43	-0.04	(0.6)%	3.14%
Energy			111.39			111.39	-0.00	(0.0)%	54.38%
Debt Retirement Charge (DRC)			7.00			7.00	0.00	0.0%	3.42%
HST			23.77			23.56	-0.21	(0.9)%	11.50%
Total Bill After Adjustments			204.43			202.71	-1.72	(0.8)%	98.97%
General Service Less Than 50 kW									
	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	32.25	32.25	1	31.59	31.59	-0.66	(2.0)%	8.48%
Distribution Volumetric Rate	2,000	0.0104	20.80	2,000	0.0104	20.80	0.00	0.0%	5.58%
Total: Distribution			53.05			52.39	-0.66	(1.2)%	14.07%
Loss Adjustment - Energy			7.80			7.02	-0.77	(9.9)%	1.89%
Fixed Rate Riders			0.79			1.09	0.30	38.0%	0.29%
Volumetric Rate Riders			-2.80			-3.40	-0.60	21.4%	-0.91%
Total: Distribution With Deferrals			58.84			57.10	-2.39	(4.1)%	15.33%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	2.53%
Sub-Total: Delivery (Distribution and Retail Transmission)			68.70			66.54	-2.81	(4.1)%	17.87%
Regulatory			12.67			12.63	-0.04	(0.3)%	3.39%
Energy			222.78			222.78	-0.01	(0.0)%	59.81%
Debt Retirement Charge (DRC)			14.00			14.00	0.00	0.0%	3.76%
HST			43.20			42.85	-0.35	(0.8)%	11.50%
Total Bill After Adjustments			361.35			358.80	-2.55	(0.7)%	96.33%
General Service Less Than 50 kW									
	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	32.25	32.25	1	31.59	31.59	-0.66	(2.0)%	4.46%
Distribution Volumetric Rate	4,000	0.0104	41.60	4,000	0.0104	41.60	0.00	0.0%	5.88%
Total: Distribution			73.85			73.19	-0.66	(0.9)%	10.34%
Loss Adjustment - Energy			15.59			14.05	-1.55	(9.9)%	1.98%
Fixed Rate Riders			0.79			1.09	0.30	38.0%	0.15%
Volumetric Rate Riders			-5.60			-6.80	-1.20	21.4%	-0.96%
Total: Distribution With Deferrals			84.63			81.53	-3.77	(4.5)%	11.52%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	1.33%
Sub-Total: Delivery (Distribution and Retail Transmission)			94.49			90.97	-4.19	(4.4)%	12.85%
Regulatory			25.08			25.00	-0.08	(0.3)%	3.53%
Energy			445.57			445.56	-0.00	(0.0)%	62.96%
Debt Retirement Charge (DRC)			28.00			28.00	0.00	0.0%	3.96%

HST			82.07			81.42	-0.65	(0.8)%	11.50%
Total Bill After Adjustments			675.21			670.95	-4.26	(0.6)%	94.80%
General Service Less Than 50 kW									
	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	32.25	32.25	1	31.59	31.59	-0.66	(2.0)%	3.61%
Distribution Volumetric Rate	5,000	0.0104	52.00	5,000	0.0104	52.00	0.00	0.0%	5.94%
Total: Distribution			84.25			83.59	-0.66	(0.8)%	9.55%
Loss Adjustment - Energy			19.49			17.56	-1.94	(9.9)%	2.01%
Fixed Rate Riders			0.79			1.09	0.30	38.0%	0.12%
Volumetric Rate Riders			-7.00			-8.50	-1.50	21.4%	-0.97%
Total: Distribution With Deferrals			97.53			93.74	-4.46	(4.6)%	10.71%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	1.08%
Sub-Total: Delivery (Distribution and Retail Transmission)			107.39			103.18	-4.88	(4.5)%	11.79%
Regulatory			31.30			31.19	-0.11	(0.4)%	3.56%
Energy			556.96			556.95	-0.00	(0.0)%	63.63%
Debt Retirement Charge (DRC)			35.00			35.00	0.00	0.0%	4.00%
HST			101.51			100.70	-0.81	(0.8)%	11.50%
Total Bill After Adjustments			832.16			827.02	-5.14	(0.6)%	94.48%
General Service Less Than 50 kW									
	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	32.25	32.25	1	31.59	31.59	-0.66	(2.0)%	1.84%
Distribution Volumetric Rate	10,000	0.0104	104.00	10,000	0.0104	104.00	0.00	0.0%	6.07%
Total: Distribution			136.25			135.59	-0.66	(0.5)%	7.91%
Loss Adjustment - Energy			38.99			35.11	-3.87	(9.9)%	2.05%
Fixed Rate Riders			0.79			1.09	0.30	38.0%	0.06%
Volumetric Rate Riders			-14.00			-17.00	-3.00	21.4%	-0.99%
Total: Distribution With Deferrals			162.03			154.79	-7.89	(4.9)%	9.03%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	0.55%
Sub-Total: Delivery (Distribution and Retail Transmission)			171.89			164.23	-8.31	(4.8)%	9.58%
Regulatory			62.34			62.14	-0.20	(0.3)%	3.63%
Energy			1,113.89			1,113.90	0.00	0.0%	65.01%
Debt Retirement Charge (DRC)			70.00			70.00	0.00	0.0%	4.09%
HST			198.68			197.13	-1.55	(0.8)%	11.50%
Total Bill After Adjustments			1,616.80			1,607.40	-9.40	(0.6)%	93.81%
General Service Less Than 50 kW									
	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	32.25	32.25	1	31.59	31.59	-0.66	(2.0)%	1.24%
Distribution Volumetric Rate	15,000	0.0104	156.00	15,000	0.0104	156.00	0.00	0.0%	6.11%
Total: Distribution			188.25			187.59	-0.66	(0.4)%	7.35%
Loss Adjustment - Energy			58.48			52.67	-5.81	(9.9)%	2.06%
Fixed Rate Riders			0.79			1.09	0.30	38.0%	0.04%
Volumetric Rate Riders			-21.00			-25.50	-4.50	21.4%	-1.00%
Total: Distribution With Deferrals			226.52			215.85	-11.33	(5.0)%	8.46%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	0.37%
Sub-Total: Delivery (Distribution and Retail Transmission)			236.38			225.29	-11.75	(5.0)%	8.83%
Regulatory			93.40			93.08	-0.32	(0.3)%	3.65%
Energy			1,670.85			1,670.85	-0.00	(0.0)%	65.48%
Debt Retirement Charge (DRC)			105.00			105.00	0.00	0.0%	4.12%
HST			295.86			293.55	-2.31	(0.8)%	11.50%
Total Bill After Adjustments			2,401.49			2,387.77	-13.72	(0.6)%	93.58%
Unmetered Scattered Load									
	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	2.08	2.08	1	2.28	2.28	0.20	9.6%	7.84%
Distribution Volumetric Rate	150	0.0180	2.70	150	0.0198	2.97	0.27	10.0%	10.21%
Total: Distribution			4.78			5.25	0.47	9.8%	18.05%
Loss Adjustment - Energy			0.58			0.53	-0.06	(9.9)%	1.81%
Fixed Rate Riders			0.00			0.02	0.02	0.0%	0.07%
Volumetric Rate Riders			-0.21			-0.47	-0.26	123.8%	-1.62%
Total: Distribution With Deferrals			5.15			5.33	0.64	12.5%	18.31%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	32.45%
Sub-Total: Delivery (Distribution and Retail Transmission)			15.01			14.77	0.22	1.5%	50.76%
Regulatory			1.18			0.93	-0.25	(21.2)%	3.20%
Energy			16.71			16.70	-0.00	(0.0)%	57.42%
Debt Retirement Charge (DRC)			1.05			1.05	0.00	0.0%	3.61%
HST			3.37			3.35	-0.02	(0.6)%	11.52%
Total Bill After Adjustments			37.32			36.80	-0.52	(1.4)%	126.50%
Unmetered Scattered Load									
	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Service Charge	1	2.08	2.08	1	2.28	2.28	0.20	9.6%	4.15%
Distribution Volumetric Rate	296	0.0180	5.33	296	0.0198	5.86	0.53	9.9%	10.67%
Total: Distribution			7.41			8.14	0.73	9.9%	14.82%
Loss Adjustment - Energy			1.15			1.04	-0.11	(9.9)%	1.89%
Fixed Rate Riders			0.00			0.02	0.02	0.0%	0.04%
Volumetric Rate Riders			-0.41			-0.92	-0.51	124.4%	-1.67%
Total: Distribution With Deferrals			8.15			8.28	0.86	10.5%	15.07%
Retail Transmission			9.86			9.44	-0.42	(4.3)%	17.19%
Sub-Total: Delivery (Distribution and Retail Transmission)			18.01			17.72	0.44	2.4%	32.26%
Regulatory			2.09			1.84	-0.25	(12.0)%	3.35%
Energy			33.00			33.00	0.00	0.0%	60.08%
Debt Retirement Charge (DRC)			2.07			2.07	0.00	0.0%	3.77%
HST			6.35			6.32	-0.03	(0.5)%	11.51%
Total Bill After Adjustments			61.52			60.95	-0.57	(0.9)%	110.96%

Rate Class	Volumetric	kWh	kW	Load Factor	RPPTOUCurrDist
Residential	kWh	100			\$ 17.63
Residential	kWh	250			\$ 19.45
Residential	kWh	286.33			\$ 19.88
Residential	kWh	500			\$ 22.47
Residential	kWh	750			\$ 25.50
Residential	kWh	1000			\$ 28.52
Residential	kWh	1500			\$ 34.57
Residential	kWh	2000			\$ 40.62
Residential	kWh	5000			\$ 76.92
General Service Less Than 50 kW	kWh	1000			\$ 42.65
General Service Less Than 50 kW	kWh	2000			\$ 53.05
General Service Less Than 50 kW	kWh	4000			\$ 73.85
General Service Less Than 50 kW	kWh	5000			\$ 84.25
General Service Less Than 50 kW	kWh	10000			\$ 136.25
General Service Less Than 50 kW	kWh	15000			\$ 188.25
Unmetered Scattered Load	kWh	150			\$ 4.78
Unmetered Scattered Load	kWh	296.25			\$ 7.41

RPPTOUPropDist	RPPTOUDist\$Chg	RPPTOUDist%Chg	RPPTOUCurrDistDV	RPPTOUPropDistDV
\$ 20.93	\$ 3.30	18.7%	\$ 18.69	\$ 22.21
\$ 22.16	\$ 2.71	13.9%	\$ 20.89	\$ 23.61
\$ 22.46	\$ 2.58	13.0%	\$ 21.43	\$ 23.95
\$ 24.21	\$ 1.74	7.7%	\$ 24.57	\$ 25.94
\$ 26.26	\$ 0.76	3.0%	\$ 28.24	\$ 28.26
\$ 28.31	\$ (0.21)	-0.7%	\$ 31.92	\$ 30.59
\$ 32.41	\$ (2.16)	-6.2%	\$ 39.27	\$ 35.25
\$ 36.51	\$ (4.11)	-10.1%	\$ 46.62	\$ 39.90
\$ 61.11	\$ (15.81)	-20.6%	\$ 90.71	\$ 67.84
\$ 41.99	\$ (0.66)	-1.5%	\$ 45.94	\$ 44.89
\$ 52.39	\$ (0.66)	-1.2%	\$ 58.84	\$ 57.10
\$ 73.19	\$ (0.66)	-0.9%	\$ 84.63	\$ 81.53
\$ 83.59	\$ (0.66)	-0.8%	\$ 97.53	\$ 93.74
\$ 135.59	\$ (0.66)	-0.5%	\$ 162.03	\$ 154.79
\$ 187.59	\$ (0.66)	-0.4%	\$ 226.52	\$ 215.85
\$ 5.25	\$ 0.47	9.8%	\$ 5.15	\$ 5.33
\$ 8.14	\$ 0.73	9.9%	\$ 8.15	\$ 8.28

RPPTOUDistDV\$Chg	RPPTOUDistDV%Chg	RPPTOUCurrDistTrans	RPPTOUPropDistTrans
\$ 6.82	36.50%	\$ 28.55	\$ 31.65
\$ 5.42	25.95%	\$ 30.75	\$ 33.05
\$ 5.10	23.80%	\$ 31.29	\$ 33.39
\$ 3.11	12.64%	\$ 34.43	\$ 35.38
\$ 0.78	2.76%	\$ 38.10	\$ 37.70
\$ (1.54)	-4.82%	\$ 41.78	\$ 40.03
\$ (6.18)	-15.74%	\$ 49.13	\$ 44.69
\$ (10.82)	-23.22%	\$ 56.48	\$ 49.34
\$ (38.69)	-42.65%	\$ 100.57	\$ 77.28
\$ (1.71)	-3.72%	\$ 55.80	\$ 54.33
\$ (2.39)	-4.07%	\$ 68.70	\$ 66.54
\$ (3.77)	-4.45%	\$ 94.49	\$ 90.97
\$ (4.46)	-4.57%	\$ 107.39	\$ 103.18
\$ (7.89)	-4.87%	\$ 171.89	\$ 164.23
\$ (11.33)	-5.00%	\$ 236.38	\$ 225.29
\$ 0.64	12.45%	\$ 15.01	\$ 14.77
\$ 0.86	10.49%	\$ 18.01	\$ 17.72

RPPTOUDistTrans\$Chg	RPPTOUDistTrans%Chg	RPPTOUCurrTotBill	RPPTOUPropTotBill
\$ 6.40	22.42%	\$ 44.70	\$ 48.25
\$ 5.00	16.27%	\$ 67.40	\$ 70.03
\$ 4.68	14.96%	\$ 72.91	\$ 75.28
\$ 2.69	7.80%	\$ 105.19	\$ 106.29
\$ 0.36	0.94%	\$ 143.00	\$ 142.55
\$ (1.96)	-4.68%	\$ 180.82	\$ 178.78
\$ (6.60)	-13.44%	\$ 256.41	\$ 251.29
\$ (11.24)	-19.91%	\$ 332.02	\$ 323.81
\$ (39.11)	-38.88%	\$ 785.64	\$ 758.88
\$ (2.13)	-3.81%	\$ 204.43	\$ 202.71
\$ (2.81)	-4.10%	\$ 361.35	\$ 358.80
\$ (4.19)	-4.43%	\$ 675.21	\$ 670.95
\$ (4.88)	-4.54%	\$ 832.16	\$ 827.02
\$ (8.31)	-4.84%	\$ 1,616.80	\$ 1,607.40
\$ (11.75)	-4.97%	\$ 2,401.49	\$ 2,387.77
\$ 0.22	1.48%	\$ 37.32	\$ 36.80
\$ 0.44	2.42%	\$ 61.52	\$ 60.95

RPPTOUTotBill\$Chg	RPPTOUTotBill%Chg
\$ 3.55	7.94%
\$ 2.63	3.90%
\$ 2.37	3.25%
\$ 1.10	1.05%
\$ (0.45)	-0.31%
\$ (2.04)	-1.13%
\$ (5.12)	-2.00%
\$ (8.21)	-2.47%
\$ (26.76)	-3.41%
\$ (1.72)	-0.84%
\$ (2.55)	-0.71%
\$ (4.26)	-0.63%
\$ (5.14)	-0.62%
\$ (9.40)	-0.58%
\$ (13.72)	-0.57%
\$ (0.52)	-1.39%
\$ (0.57)	-0.93%

General Service 50 to 4,999 kW									
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	157.55	157.55	1	166.9	166.9	9.35	5.9%	3.49%
Distribution Volumetric Rate	60	2.6298	157.79	60	2.8752	172.51	14.72	9.3%	3.61%
Total: Distribution			315.34			339.41	24.07	7.6%	7.10%
Loss Adjustment - Energy			113.11			101.30	-11.80	(10.4)%	2.12%
Fixed Rate Riders			0.00			-3.12	-3.12	0.0%	-0.07%
Volumetric Rate Riders			121.36			-55.12	-176.48	(145.4)%	-1.15%
Total: Distribution With Deferrals			549.81			382.47	-167.33	(30.4)%	8.00%
Retail Transmission			249.21			239.99	-9.22	(3.7)%	5.02%
Sub-Total: Delivery (Distribution and Retail Transmission)			799.02			622.46	-176.55	-22.1%	13.02%
Regulatory			186.54			185.92	-0.62	(0.3)%	3.89%
Energy			3,231.59			3,213.60	-18.00	(0.6)%	67.20%
Debt Retirement Charge (DRC)			210.00			210.00	0.00	0.0%	4.39%
HST			575.53			550.16	-25.37	(4.4)%	11.50%
Total Bill After Adjustments			5,002.68			4,782.14	-220.54	-4.4%	100.00%

General Service 50 to 4,999 kW									
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	157.55	157.55	1	166.9	166.9	9.35	5.9%	2.13%
Distribution Volumetric Rate	100	2.6298	262.98	100	2.8752	287.52	24.54	9.3%	3.66%
Total: Distribution			420.53			454.42	33.89	8.1%	5.79%
Loss Adjustment - Energy			188.51			168.84	-19.67	(10.4)%	2.15%
Fixed Rate Riders			0.00			-3.12	-3.12	0.0%	-0.04%
Volumetric Rate Riders			202.27			-91.86	-294.13	(145.4)%	-1.17%
Total: Distribution With Deferrals			811.31			528.28	-283.03	(34.9)%	6.73%
Retail Transmission			415.36			399.97	-15.39	(3.7)%	5.10%
Sub-Total: Delivery (Distribution and Retail Transmission)			1,226.67			928.25	-298.42	-24.3%	11.83%
Regulatory			310.74			309.70	-1.04	(0.3)%	3.95%
Energy			5,386.01			5,355.99	-30.02	(0.6)%	68.26%
Debt Retirement Charge (DRC)			350.00			350.00	0.00	0.0%	4.46%
HST			945.54			902.71	-42.83	(4.5)%	11.50%
Total Bill After Adjustments			8,218.96			7,846.65	-372.31	-4.5%	100.00%

General Service 50 to 4,999 kW									
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	157.55	157.55	1	166.9	166.9	9.35	5.9%	1.33%
Distribution Volumetric Rate	200	2.6298	525.96	200	2.8752	575.04	49.08	9.3%	4.59%
Total: Distribution			683.51			741.94	58.43	8.5%	5.93%
Loss Adjustment - Energy			296.44			265.51	-30.93	(10.4)%	2.12%
Fixed Rate Riders			0.00			-3.12	-3.12	0.0%	-0.02%
Volumetric Rate Riders			404.54			-183.72	-588.26	(145.4)%	-1.47%
Total: Distribution With Deferrals			1,384.49			820.61	-563.88	(40.7)%	6.55%
Retail Transmission			830.72			799.94	-30.78	(3.7)%	6.39%
Sub-Total: Delivery (Distribution and Retail Transmission)			2,215.21			1,620.55	-594.66	-26.8%	12.94%
Regulatory			488.52			486.89	-1.63	(0.3)%	3.89%
Energy			8,469.59			8,422.41	-47.18	(0.6)%	67.27%
Debt Retirement Charge (DRC)			550.38			550.38	0.00	0.0%	4.40%
HST			1,524.08			1,440.43	-83.65	(5.5)%	11.50%
Total Bill After Adjustments			13,247.78			12,520.66	-727.12	-5.5%	100.00%

General Service 50 to 4,999 kW									
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	157.55	157.55	1	166.9	166.9	9.35	5.9%	0.43%
Distribution Volumetric Rate	500	2.6298	1,314.90	500	2.8752	1,437.60	122.70	9.3%	3.73%
Total: Distribution			1,472.45			1,604.50	132.05	9.0%	4.17%
Loss Adjustment - Energy			942.55			844.21	-98.34	(10.4)%	2.19%
Fixed Rate Riders			0.00			-3.12	-3.12	0.0%	-0.01%
Volumetric Rate Riders			1,011.35			-459.30	-1,470.65	(145.4)%	-1.19%
Total: Distribution With Deferrals			3,426.35			1,986.29	-1,440.06	(42.0)%	5.16%
Retail Transmission			2,076.80			1,999.85	-76.95	(3.7)%	5.20%
Sub-Total: Delivery (Distribution and Retail Transmission)			5,503.15			3,986.14	-1,517.01	-27.6%	10.36%
Regulatory			1,552.74			1,547.54	-5.20	(0.3)%	4.02%
Energy			26,930.01			26,779.99	-150.02	(0.6)%	69.57%
Debt Retirement Charge (DRC)			1,750.00			1,750.00	0.00	0.0%	4.55%
HST			4,645.67			4,428.28	-217.39	(4.7)%	11.50%
Total Bill After Adjustments			40,381.57			38,491.95	-1,889.62	-4.7%	100.00%

General Service 50 to 4,999 kW									
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	157.55	157.55	1	166.9	166.9	9.35	5.9%	0.30%
Distribution Volumetric Rate	666	2.6298	1,751.45	666	2.8752	1,914.88	163.43	9.3%	3.42%
Total: Distribution			1,909.00			2,081.78	172.78	9.1%	3.72%
Loss Adjustment - Energy			1,382.57			1,238.32	-144.26	(10.4)%	2.21%
Fixed Rate Riders			0.00			-3.12	-3.12	0.0%	-0.01%
Volumetric Rate Riders			1,347.12			-611.79	-1,958.91	(145.4)%	-1.09%
Total: Distribution With Deferrals			4,638.69			2,705.19	-1,933.51	(41.7)%	4.84%
Retail Transmission			2,766.30			2,663.80	-102.50	(3.7)%	4.76%
Sub-Total: Delivery (Distribution and Retail Transmission)			7,404.99			5,368.99	-2,036.01	-27.5%	9.60%
Regulatory			2,277.52			2,269.88	-7.64	(0.3)%	4.06%
Energy			39,502.09			39,282.06	-220.02	(0.6)%	70.25%
Debt Retirement Charge (DRC)			2,566.98			2,566.98	0.00	0.0%	4.59%
HST			6,727.71			6,433.43	-294.28	(4.4)%	11.50%
Total Bill After Adjustments			58,479.29			55,921.34	-2,557.95	-4.4%	100.00%

General Service 50 to 4,999 kW									
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	157.55	157.55	1	166.9	166.9	9.35	5.9%	0.22%
Distribution Volumetric Rate	1,000	2.6298	2,629.80	1,000	2.8752	2,875.20	245.40	9.3%	3.74%
Total: Distribution			2,787.35			3,042.10	254.75	9.1%	3.96%
Loss Adjustment - Energy			1,885.10			1,688.41	-196.69	(10.4)%	2.20%
Fixed Rate Riders			0.00			-3.12	-3.12	0.0%	0.00%
Volumetric Rate Riders			2,022.70			-918.60	-2,941.30	(145.4)%	-1.20%
Total: Distribution With Deferrals			6,695.15			3,808.79	-2,886.36	(43.1)%	4.96%
Retail Transmission			4,153.60			3,999.70	-153.90	(3.7)%	5.21%
Sub-Total: Delivery (Distribution and Retail Transmission)			10,848.75			7,808.49	-3,040.26	-28.0%	10.17%
Regulatory			3,105.25			3,094.82	-10.43	(0.3)%	4.03%
Energy			53,860.00			53,560.00	-300.00	(0.6)%	69.74%

Debt Retirement Charge (DRC)			3,500.00			3,500.00	0.00	0.0%	4.56%
HST			9,270.82			8,835.23	-435.59	(4.7)%	11.50%
Total Bill After Adjustments			80,584.82			76,798.54	-3,786.28	-4.7%	100.00%

General Service 50 to 4,999 kW	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	157.55	157.55	1	166.9	166.9	9.35	5.9%	0.11%
Distribution Volumetric Rate	2,000	2.6298	5,259.60	2,000	2.8752	5,750.40	490.80	9.3%	3.75%
Total: Distribution			5,417.15			5,917.30	500.15	9.2%	3.86%
Loss Adjustment - Energy			3,770.20			3,376.82	-393.38	(10.4)%	2.20%
Fixed Rate Riders			0.00			-3.12	-3.12	0.0%	0.00%
Volumetric Rate Riders			4,045.40			-1,837.20	-5,882.60	(145.4)%	-1.20%
Total: Distribution With Deferrals			13,232.75			7,453.80	-5,778.95	(43.7)%	4.86%
Retail Transmission			8,307.20			7,999.40	-307.80	(3.7)%	5.21%
Sub-Total: Delivery (Distribution and Retail Transmission)			21,539.95			15,453.20	-6,086.75	-28.3%	10.07%
Regulatory			6,210.25			6,189.40	-20.85	(0.3)%	4.03%
Energy			107,720.00			107,120.01	-599.99	(0.6)%	69.83%
Debt Retirement Charge (DRC)			7,000.00			7,000.00	0.00	0.0%	4.56%
HST			18,521.13			17,649.14	-871.99	(4.7)%	11.50%
Total Bill After Adjustments			160,991.33			153,411.75	-7,579.58	-4.7%	100.00%

General Service 50 to 4,999 kW	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	157.55	157.55	1	166.9	166.9	9.35	5.9%	0.06%
Distribution Volumetric Rate	3,500	2.6298	9,204.30	3,500	2.8752	10,063.20	858.90	9.3%	3.75%
Total: Distribution			9,361.85			10,230.10	868.25	9.3%	3.81%
Loss Adjustment - Energy			6,597.85			5,909.44	-688.41	(10.4)%	2.20%
Fixed Rate Riders			0.00			-3.12	-3.12	0.0%	0.00%
Volumetric Rate Riders			7,079.45			-3,215.10	-10,294.55	(145.4)%	-1.20%
Total: Distribution With Deferrals			23,039.15			12,921.32	-10,117.83	(43.9)%	4.82%
Retail Transmission			14,537.60			13,998.95	-538.65	(3.7)%	5.22%
Sub-Total: Delivery (Distribution and Retail Transmission)			37,576.75			26,920.27	-10,656.48	-28.4%	10.03%
Regulatory			10,867.74			10,831.25	-36.49	(0.3)%	4.04%
Energy			188,510.01			187,460.00	-1,050.01	(0.6)%	69.86%
Debt Retirement Charge (DRC)			12,250.00			12,250.00	0.00	0.0%	4.57%
HST			32,396.59			30,870.00	-1,526.59	(4.7)%	11.50%
Total Bill After Adjustments			281,601.09			268,331.52	-13,269.57	-4.7%	100.00%

General Service 50 to 4,999 kW (CoGen)	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	2523.99	2523.99	1	2650	2650	126.01	5.0%	5.44%
Distribution Volumetric Rate	1,372	4.4090	6,049.15	1,372	4.9883	6,843.95	794.80	13.1%	14.05%
Total: Distribution			8,573.14			9,493.95	920.81	10.7%	19.48%
Loss Adjustment - Energy			801.43			717.81	-83.62	(10.4)%	1.47%
Fixed Rate Riders			0.00			-9.12	-9.12	0.0%	-0.02%
Volumetric Rate Riders			-59.81			-762.56	-702.75	1175.0%	-1.56%
Total: Distribution With Deferrals			9,314.76			9,440.08	125.32	1.3%	19.37%
Retail Transmission			8,419.82			8,107.01	-312.81	(3.7)%	16.64%
Sub-Total: Delivery (Distribution and Retail Transmission)			17,734.58			17,547.09	-187.49	-1.1%	36.01%
Regulatory			1,320.30			1,315.87	-4.43	(0.3)%	2.70%
Energy			22,898.01			22,770.47	-127.54	(0.6)%	46.73%
Debt Retirement Charge (DRC)			1,487.99			1,487.99	0.00	0.0%	3.05%
HST			5,647.31			5,605.78	-41.53	(0.7)%	11.50%
Total Bill After Adjustments			49,088.19			48,727.20	-360.99	-0.7%	100.00%

General Service 50 to 4,999 kW (CoGen)	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	2523.99	2523.99	1	2650	2650	126.01	5.0%	0.92%
Distribution Volumetric Rate	3,500	4.4090	15,431.50	3,500	4.9883	17,459.05	2,027.55	13.1%	6.05%
Total: Distribution			17,955.49			20,109.05	2,153.56	12.0%	6.97%
Loss Adjustment - Energy			6,597.85			5,909.44	-688.41	(10.4)%	2.05%
Fixed Rate Riders			0.00			-9.12	-9.12	0.0%	0.00%
Volumetric Rate Riders			-152.60			-1,945.30	-1,792.70	1174.8%	-0.67%
Total: Distribution With Deferrals			24,400.74			24,064.07	-336.67	(1.4)%	8.34%
Retail Transmission			21,479.15			20,681.15	-798.00	(3.7)%	7.17%
Sub-Total: Delivery (Distribution and Retail Transmission)			45,879.89			44,745.22	-1,134.67	-2.5%	15.51%
Regulatory			10,867.74			10,831.25	-36.49	(0.3)%	3.75%
Energy			188,510.01			187,460.00	-1,050.01	(0.6)%	64.98%
Debt Retirement Charge (DRC)			12,250.00			12,250.00	0.00	0.0%	4.25%
HST			33,475.99			33,187.24	-288.75	(0.9)%	11.50%
Total Bill After Adjustments			290,983.63			288,473.71	-2,509.92	-0.9%	100.00%

Large Use	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	20286.64	20286.64	1	21350	21350	1,063.36	5.2%	1.98%
Distribution Volumetric Rate	13,302	2.2003	29,268.39	13,302	2.3177	30,830.05	1,561.66	5.3%	2.86%
Total: Distribution			49,555.03			52,180.05	2,625.02	5.3%	4.85%
Loss Adjustment - Energy			18,311.67			15,787.12	-2,524.54	(13.8)%	1.47%
Fixed Rate Riders			0.00			-308.75	-308.75	0.0%	-0.03%
Volumetric Rate Riders			-8,555.85			-21,857.85	-13,302.00	155.5%	-2.03%
Total: Distribution With Deferrals			59,310.85			45,800.57	-13,510.27	(22.8)%	4.25%
Retail Transmission			74,557.71			71,868.05	-2,689.66	(3.6)%	6.68%
Sub-Total: Delivery (Distribution and Retail Transmission)			133,868.56			117,668.62	-16,199.93	-12.1%	10.93%
Regulatory			42,481.96			42,341.09	-140.87	(0.3)%	3.93%
Energy			744,376.66			744,376.67	0.00	0.0%	69.14%
Debt Retirement Charge (DRC)			48,372.04			48,372.04	0.00	0.0%	4.49%
HST			125,982.90			123,858.59	-2,124.31	(1.7)%	11.50%
Total Bill After Adjustments			1,095,082.12			1,076,617.01	-18,465.11	-1.7%	100.00%

Large Use	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	20286.64	20286.64	1	21350	21350	1,063.36	5.2%	1.53%
Distribution Volumetric Rate	18,000	2.2003	39,605.40	18,000	2.3177	41,718.60	2,113.20	5.3%	2.98%
Total: Distribution			59,892.04			63,068.60	3,176.56	5.3%	4.51%
Loss Adjustment - Energy			23,849.21			20,561.23	-3,287.98	(13.8)%	1.47%
Fixed Rate Riders			0.00			-308.75	-308.75	0.0%	-0.02%
Volumetric Rate Riders			-11,577.60			-29,577.60	-18,000.00	155.5%	-2.11%
Total: Distribution With Deferrals			72,163.65			53,743.48	-18,420.17	(25.5)%	3.84%
Retail Transmission			100,890.00			97,250.40	-3,639.60	(3.6)%	6.95%
Sub-Total: Delivery (Distribution and Retail Transmission)			173,053.65			150,993.88	-22,059.77	-12.7%	10.79%

Regulatory		55,328.65		55,145.26	-183.39	(0.3)%	3.94%
Energy		969,479.99		969,480.00	0.01	0.0%	69.27%
Debt Retirement Charge (DRC)		63,000.00		63,000.00	0.00	0.0%	4.50%
HST		163,912.10		161,020.49	-2,891.61	(1.8)%	11.50%
Total Bill After Adjustments		1,424,774.39		1,399,639.63	-25,134.76	-1.8%	100.00%

Street Lighting	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	1.64	1.64	1	1.62	1.62	-0.02	(1.2)%	16.63%
Distribution Volumetric Rate	0	8.5143	1.08	0	8.4156	1.07	-0.01	(0.9)%	10.99%
Total: Distribution			2.72			2.69	-0.03	(1.1)%	27.62%
Loss Adjustment - Energy			0.17			0.15	-0.02	(10.4)%	1.57%
Fixed Rate Riders			0.00			0.04	0.04	0.0%	0.41%
Volumetric Rate Riders			-0.06			-0.16	-0.10	166.7%	-1.64%
Total: Distribution With Deferrals			2.83			2.72	-0.11	(3.8)%	27.96%
Retail Transmission			0.47			0.45	-0.02	(4.3)%	4.62%
Sub-Total: Delivery (Distribution and Retail Transmission)			3.30			3.17	-0.13	-3.9%	32.58%
Regulatory			0.53			0.28	-0.25	(47.2)%	2.87%
Energy			4.88			4.85	-0.03	(0.7)%	49.77%
Debt Retirement Charge (DRC)			0.32			0.32	0.00	0.0%	3.29%
HST			1.17			1.12	-0.05	(4.3)%	11.50%
Total Bill After Adjustments			10.20			9.74	-0.46	-4.5%	100.00%

Street Lighting	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	1.64	1.64	1	1.62	1.62	-0.02	(1.2)%	4.64%
Distribution Volumetric Rate	1	8.5143	8.51	1	8.4156	8.42	-0.09	(1.1)%	24.13%
Total: Distribution			10.15			10.04	-0.11	(1.1)%	28.78%
Loss Adjustment - Energy			0.57			0.51	-0.06	(10.4)%	1.45%
Fixed Rate Riders			0.00			0.04	0.04	0.0%	0.11%
Volumetric Rate Riders			1.83			-1.28	-3.11	(169.9)%	-3.67%
Total: Distribution With Deferrals			12.55			9.31	-3.24	(25.8)%	26.67%
Retail Transmission			3.66			3.52	-0.14	(3.8)%	10.09%
Sub-Total: Delivery (Distribution and Retail Transmission)			16.21			12.83	-3.38	-20.9%	36.76%
Regulatory			1.18			0.93	-0.25	(21.2)%	2.67%
Energy			16.16			16.07	-0.09	(0.6)%	46.07%
Debt Retirement Charge (DRC)			1.05			1.05	0.00	0.0%	3.01%
HST			4.50			4.01	-0.49	(10.9)%	11.49%
Total Bill After Adjustments			39.10			34.89	-4.21	-10.8%	100.00%

Sentinel Lighting	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	3.48	3.48	1	3.82	3.82	0.34	9.8%	16.97%
Distribution Volumetric Rate	0	11.4837	3.05	0	12.6167	3.35	0.30	9.8%	14.88%
Total: Distribution			6.53			7.17	0.64	9.8%	31.85%
Loss Adjustment - Energy			0.37			0.33	-0.04	(10.4)%	1.47%
Fixed Rate Riders			0.00			0.03	0.03	0.0%	0.13%
Volumetric Rate Riders			-0.13			-0.37	-0.24	184.6%	-1.64%
Total: Distribution With Deferrals			6.77			7.16	0.39	5.8%	31.82%
Retail Transmission			0.98			0.94	-0.04	(4.1)%	4.18%
Sub-Total: Delivery (Distribution and Retail Transmission)			7.75			8.10	0.35	4.5%	35.99%
Regulatory			0.86			0.60	-0.26	(30.2)%	2.67%
Energy			10.58			10.53	-0.05	(0.5)%	46.77%
Debt Retirement Charge (DRC)			0.69			0.69	0.00	0.0%	3.07%
HST			2.58			2.59	0.01	0.4%	11.51%
Total Bill After Adjustments			22.46			22.51	0.05	0.2%	100.00%

Sentinel Lighting	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Service Charge	1	3.48	3.48	1	3.82	3.82	0.34	9.8%	9.10%
Distribution Volumetric Rate	1	11.4837	11.48	1	12.6167	12.62	1.14	9.9%	30.06%
Total: Distribution			14.96			16.44	1.48	9.9%	39.16%
Loss Adjustment - Energy			0.57			0.51	-0.06	(10.4)%	1.21%
Fixed Rate Riders			0.00			0.03	0.03	0.0%	0.07%
Volumetric Rate Riders			1.90			-1.41	-3.31	(174.2)%	-3.36%
Total: Distribution With Deferrals			17.43			15.57	-1.86	(10.7)%	37.08%
Retail Transmission			3.66			3.53	-0.13	(3.6)%	8.41%
Sub-Total: Delivery (Distribution and Retail Transmission)			21.09			19.10	-1.99	-9.4%	45.49%
Regulatory			1.18			0.93	-0.25	(21.2)%	2.22%
Energy			16.16			16.07	-0.09	(0.6)%	38.29%
Debt Retirement Charge (DRC)			1.05			1.05	0.00	0.0%	2.50%
HST			5.13			4.83	-0.30	(5.8)%	11.51%
Total Bill After Adjustments			44.61			41.98	-2.63	-5.9%	100.00%

Rate Class	Volumetric	kWh	kW
General Service 50 to 4,999 kW	kW	30,000	60.0
General Service 50 to 4,999 kW	kW	50,000	100.0
General Service 50 to 4,999 kW	kW	78,626	200.5
General Service 50 to 4,999 kW	kW	250,000	500.0
General Service 50 to 4,999 kW	kW	366,711	665.6
General Service 50 to 4,999 kW	kW	500,000	1,000.0
General Service 50 to 4,999 kW	kW	1,000,000	2,000.0
General Service 50 to 4,999 kW	kW	1,750,000	3,500.0
General Service 50 to 4,999 kW (CoGeneration)	kW	212,570	1,371.7
General Service 50 to 4,999 kW (CoGeneration)	kW	1,750,000	3,500.0
Large Use	kW	6,910,292	13,302.3
Large Use	kW	9,000,000	18,000.0
Street Lighting	kW	45	0.1
Street Lighting	kW	150	1.0
Sentinel Lighting	kW	98	0.3
Sentinel Lighting	kW	150	1.0

Load Factor	NONRPPCurrDist	NONRPPPropDist	NONRPPDist\$Chg	NONRPPDist%Chg
68.5%	\$ 315.34	\$ 339.41	\$ 24.07	7.6%
68.5%	\$ 420.53	\$ 454.42	\$ 33.89	8.1%
53.7%	\$ 683.51	\$ 741.94	\$ 58.43	8.5%
68.5%	\$ 1,472.45	\$ 1,604.50	\$ 132.05	9.0%
75.5%	\$ 1,909.00	\$ 2,081.78	\$ 172.78	9.1%
68.5%	\$ 2,787.35	\$ 3,042.10	\$ 254.75	9.1%
68.5%	\$ 5,417.15	\$ 5,917.30	\$ 500.15	9.2%
68.5%	\$ 9,361.85	\$ 10,230.10	\$ 868.25	9.3%
21.2%	\$ 8,573.14	\$ 9,493.95	\$ 920.81	10.7%
68.5%	\$ 17,955.49	\$ 20,109.05	\$ 2,153.56	12.0%
71.2%	\$ 49,555.03	\$ 52,180.05	\$ 2,625.02	5.3%
68.5%	\$ 59,892.04	\$ 63,068.60	\$ 3,176.56	5.3%
49.0%	\$ 2.72	\$ 2.69	\$ (0.03)	-1.1%
20.6%	\$ 10.15	\$ 10.04	\$ (0.11)	-1.1%
50.8%	\$ 6.53	\$ 7.17	\$ 0.64	9.8%
20.6%	\$ 14.96	\$ 16.44	\$ 1.48	9.9%

NONRPPCurrDistDV	NONRPPPropDistDV	NONRPPDistDV\$Chg	NONRPPDistDV%Chg
\$ 549.81	\$ 382.47	\$ (167.33)	-30.43%
\$ 811.31	\$ 528.28	\$ (283.03)	-34.89%
\$ 1,384.49	\$ 820.61	\$ (563.88)	-40.73%
\$ 3,426.35	\$ 1,986.29	\$ (1,440.06)	-42.03%
\$ 4,638.69	\$ 2,705.19	\$ (1,933.51)	-41.68%
\$ 6,695.15	\$ 3,808.79	\$ (2,886.36)	-43.11%
\$ 13,232.75	\$ 7,453.80	\$ (5,778.95)	-43.67%
\$ 23,039.15	\$ 12,921.32	\$ (10,117.83)	-43.92%
\$ 9,314.76	\$ 9,440.08	\$ 125.32	1.35%
\$ 24,400.74	\$ 24,064.07	\$ (336.67)	-1.38%
\$ 59,310.85	\$ 45,800.57	\$ (13,510.27)	-22.78%
\$ 72,163.65	\$ 53,743.48	\$ (18,420.17)	-25.53%
\$ 2.83	\$ 2.72	\$ (0.11)	-3.81%
\$ 12.55	\$ 9.31	\$ (3.24)	-25.82%
\$ 6.77	\$ 7.16	\$ 0.39	5.78%
\$ 17.43	\$ 15.57	\$ (1.86)	-10.67%

NONRPPCurrDistTrans	NONRPPPropDistTrans	NONRPPDistTrans\$Chg	NONRPPDistTrans%Chg
\$ 799.02	\$ 622.46	\$ (176.55)	-22.10%
\$ 1,226.67	\$ 928.25	\$ (298.42)	-24.33%
\$ 2,215.21	\$ 1,620.55	\$ (594.66)	-26.84%
\$ 5,503.15	\$ 3,986.14	\$ (1,517.01)	-27.57%
\$ 7,404.99	\$ 5,368.99	\$ (2,036.01)	-27.50%
\$ 10,848.75	\$ 7,808.49	\$ (3,040.26)	-28.02%
\$ 21,539.95	\$ 15,453.20	\$ (6,086.75)	-28.26%
\$ 37,576.75	\$ 26,920.27	\$ (10,656.48)	-28.36%
\$ 17,734.58	\$ 17,547.09	\$ (187.49)	-1.06%
\$ 45,879.89	\$ 44,745.22	\$ (1,134.67)	-2.47%
\$ 133,868.56	\$ 117,668.62	\$ (16,199.93)	-12.10%
\$ 173,053.65	\$ 150,993.88	\$ (22,059.77)	-12.75%
\$ 3.30	\$ 3.17	\$ (0.13)	-3.87%
\$ 16.21	\$ 12.83	\$ (3.38)	-20.85%
\$ 7.75	\$ 8.10	\$ 0.35	4.53%
\$ 21.09	\$ 19.10	\$ (1.99)	-9.43%

NONRPPCurrTotBill	NONRPPPropTotBill	NONRPPTotBill\$Chg	NONRPPTotBill%Chg
\$ 5,002.68	\$ 4,782.14	\$ (220.54)	-4.41%
\$ 8,218.96	\$ 7,846.65	\$ (372.31)	-4.53%
\$ 13,247.78	\$ 12,520.66	\$ (727.12)	-5.49%
\$ 40,381.57	\$ 38,491.95	\$ (1,889.62)	-4.68%
\$ 58,479.29	\$ 55,921.34	\$ (2,557.95)	-4.37%
\$ 80,584.82	\$ 76,798.54	\$ (3,786.28)	-4.70%
\$ 160,991.33	\$ 153,411.75	\$ (7,579.58)	-4.71%
\$ 281,601.09	\$ 268,331.52	\$ (13,269.57)	-4.71%
\$ 49,088.19	\$ 48,727.20	\$ (360.99)	-0.74%
\$ 290,983.63	\$ 288,473.71	\$ (2,509.92)	-0.86%
\$ 1,095,082.12	\$ 1,076,617.01	\$ (18,465.11)	-1.69%
\$ 1,424,774.39	\$ 1,399,639.63	\$ (25,134.76)	-1.76%
\$ 10.20	\$ 9.74	\$ (0.46)	-4.51%
\$ 39.10	\$ 34.89	\$ (4.21)	-10.77%
\$ 22.46	\$ 22.51	\$ 0.05	0.22%
\$ 44.61	\$ 41.98	\$ (2.63)	-5.90%



File Number: EB-2016-0091

Date Filed: January 17, 2017

Tab 7 of 7

VECC Supplemental Exhibit 7



1 **7-VECC-75**

2

3 Reference: Updated IR Response RRWF – Cost Allocation Tab

4 a) In the IR update, the proposed R/C ratios for GS<50, Street Lights, Sentinel and
 5 USL all fail to meet the Board’s policy guidelines by 2019. Does London propose
 6 to move all ratios to within the Board’s policy guidelines over the balance of the
 7 IRM period?

8

9 LH Response:

10 London Hydro has proposed to move to target range over three IRM periods.

OEB Appendix 2P Cost Allocation D) Proposed Rebalancing Revenue-to-Cost Ratio

Rate Class	Proposed Ratios				Target Range	
	2017	2018	2019	2020	Floor	Ceiling
Residential	101.6%	101.6%	101.6%	101.6%	85%	115%
General Service Less Than 50 kW	124.1%	122.7%	121.4%	120.0%	80%	120%
General Service 50 to 4,999 kW	83.5%	84.2%	85.0%	85.7%	80%	180%
General Service 1,000 To 4,999 kW (co-ge)	86.7%	86.7%	86.7%	86.7%	80%	180%
Standby Power	86.2%	86.2%	86.2%	86.2%	0%	0%
Large Use	113.2%	113.2%	113.2%	113.2%	85%	115%
Street Lighting	125.8%	123.9%	121.9%	120.0%	70%	120%
Sentinel Lighting	64.7%	66.4%	68.2%	70.0%	70%	120%
Unmetered Scattered Load	75.0%	76.7%	78.3%	80.0%	80%	120%

11



London Hydro

**Exhibit 8 Interrogatories
Response to Interrogatories
EB-2016-0091**

Rates Effective: May 1, 2017

Date Filed: January 17, 2017

London Hydro
111 Horton Street
P.O. Box 2700
London, ON
N6A 4H6



File Number: EB-2016-0091

Date Filed: January 17, 2017

Tab 6 of 7

LPMA Supplemental Exhibit 8



1 8-LPMA-9

2

3 Ref: 8-STAFF-53

4

5 The response to part (e) shows costs of \$198,100 associated with FIT and microFIT customers.

6

7 a) Have these costs been allocated to the GS < 50 and GS > 50 classes or are they allocated to
8 all rate classes?

9 [LH Response:](#)

10 [Currently these costs are allocated to all rate classes.](#)

11

12 b) Please explain what is included in the engineer staff support cost? Is this cost for new
13 customers or is there an ongoing cost associated with existing FIT and microFIT customers?

14

15 [LH Response:](#)

16 [Engineering staff support represents the diversion of engineering staff time and expenses to the
17 FIT and microFIT programs. Primarily these cost have been incurred for servicing new and
18 prospective generators, plus a portion of their time is required in dealing with issues after
19 enegization.](#)



1 8-LPMA-10

2

3 Ref: 8-LPMA-58

4

5 The requested information has not been provided for Tables 8.14.1.3 through 8.14.1.6. Please
6 provide the requested information.

7

8

9 [LH Response:](#)

kWh	RPP TOU Current Distribution	RPP TOU Proposed Distribution	\$ Chg	% Chg
Residential				
100	18.30	19.27	0.97	5.30%
250	19.92	20.89	0.97	4.87%
286.33	20.31	21.28	0.97	4.78%
500	22.62	23.59	0.97	4.29%
750	25.32	26.29	0.97	3.83%
1000	28.02	28.99	0.97	3.46%
1500	33.42	34.39	0.97	2.90%
2000	38.82	39.79	0.97	2.50%
5000	71.22	72.19	0.97	1.36%
General Service Less Than 50 kW				
1000	42.04	43.71	1.67	3.97%
2000	51.04	52.81	1.77	3.47%
4000	69.04	71.01	1.97	2.85%
5000	78.04	80.11	2.07	2.65%
10000	123.04	125.61	2.57	2.09%
15000	168.04	171.11	3.07	1.83%
Unmetered Scattered Load				
150	4.57	4.71	0.14	3.06%
296.25	7.00	7.09	0.09	1.29%

10



File Number: EB-2016-0091

Interrogatories for Exhibit: 8
 Tab: 6
 Schedule: 2
 Page: 2 of 3

Date Filed: January 17, 2017

kWh	RPP TOU Current TotalBill	RPP TOU Proposed TotalBill	\$ Chg	% Chg
Residential				
100	36.15	37.14	0.99	2.74%
250	60.83	61.66	0.83	1.36%
286.33	66.81	67.56	0.75	1.12%
500	101.90	102.47	0.57	0.56%
750	143.00	143.30	0.30	0.21%
1000	184.10	184.08	(0.02)	-0.01%
1500	266.26	265.71	(0.55)	-0.21%
2000	348.45	347.35	(1.10)	-0.32%
5000	841.50	837.12	(4.38)	-0.52%
General Service Less Than 50 kW				
1000	206.58	207.46	0.88	0.43%
2000	375.50	375.54	0.04	0.01%
4000	713.37	711.71	(1.66)	-0.23%
5000	882.33	879.78	(2.55)	-0.29%
10000	1,726.99	1,720.19	(6.80)	-0.39%
15000	2,571.72	2,560.58	(11.14)	-0.43%
Unmetered Scattered Load				
150	29.26	28.98	(0.28)	-0.96%
296.25	55.21	54.76	(0.45)	-0.82%

1

kWh	NON RPP Current Distribution	NON RPP Proposed Distribution	\$ Chg	% Chg
General Service 50 to 4,999 kW				
30000	436.70	277.06	(159.64)	-36.56%
50000	622.80	352.17	(270.63)	-43.45%
78625.98638	1,088.05	539.94	(548.11)	-50.38%
250000	2,483.80	1,103.25	(1,380.55)	-55.58%
366710.774	3,256.12	1,414.95	(1,841.17)	-56.54%
500000	4,810.05	2,042.10	(2,767.95)	-57.55%
1000000	9,462.55	3,919.80	(5,542.75)	-58.58%
1750000	16,441.30	6,736.35	(9,704.95)	-59.03%
General Service 50 to 4,999 kW (CoGeneration)				
212569.7133	8,513.33	8,255.65	(257.68)	-3.03%
1750000	17,802.89	16,964.28	(838.61)	-4.71%
Large Use				
6910292.058	40,999.18	30,013.45	(10,985.73)	-26.79%
9000000	48,314.44	33,182.25	(15,132.19)	-31.32%
Sentinel Lighting				
98.25	6.40	6.73	0.33	5.16%
150	16.86	14.82	(2.04)	-12.10%
Street Lighting				
45.25527215	2.66	2.70	0.04	1.50%
150	11.98	9.29	(2.69)	-22.45%

2



File Number: EB-2016-0091

Interrogatories for Exhibit: 8
 Tab: 6
 Schedule: 2
 Page: 3 of 3

Date Filed: January 17, 2017

kWh	NON RPP Current TotalBill	NON RPP Proposed TotalBill	\$ Chg	% Chg
General Service 50 to 4,999 kW				
30000	5,002.68	4,777.49	(225.19)	-4.50%
50000	8,218.96	7,838.44	(380.52)	-4.63%
78625.98638	13,247.78	12,503.53	(744.25)	-5.62%
250000	40,381.57	38,448.07	(1,933.50)	-4.79%
366710.774	58,479.29	55,862.67	(2,616.62)	-4.47%
500000	80,584.82	76,710.08	(3,874.74)	-4.81%
1000000	160,991.33	153,234.14	(7,757.19)	-4.82%
1750000	281,601.09	268,020.17	(13,580.92)	-4.82%
General Service 50 to 4,999 kW (CoGeneration)				
212569.7133	49,088.19	48,199.92	(888.27)	-1.81%
1750000	290,983.63	287,128.62	(3,855.01)	-1.32%
Large Use				
6910292.058	1,095,082.12	1,076,617.01	(18,465.11)	-1.69%
9000000	1,424,774.39	1,399,639.63	(25,134.76)	-1.76%
Sentinel Lighting				
98.25	22.46	22.40	(0.06)	-0.27%
150	44.61	41.71	(2.90)	-6.50%
Street Lighting				
45.25527215	10.20	9.89	(0.31)	-3.04%
150	39.10	35.45	(3.65)	-9.34%

1
2



1 8-LPMA-11

2

3 Ref: 8-LPMA-59

4

5 The response to part (a) refers to the response to 8-STAFF-53. However that response does
6 not provide the reason for proposing to put microFIT and FIT customers in the GS<50 and
7 GS>50 rate classes, rather than maintaining the existing rate classes as they are and directly
8 allocating the \$200,000 in costs associated with the microFIT and FIT customers to them.
9 Please provide the reasons for the London Hydro proposal.

10

11 [LH Response:](#)

12

13 London Hydro has concerns that the microFIT and FIT generators are currently heavily cross
14 subsidized by the consumption customers. These customers require substantial engineering
15 attention upon initial application all the way through to energization and set-up. After
16 energization the accounts require more handling than normal customers in that in addition to
17 invoice generation, they require payments sent to their accounts. There is additional reporting to
18 the IESO including occasional transaction auditing which requires accounting attention.
19 Customer service has to be aware of the nature of these accounts and deal with inquiries. As
20 these contracts are twenty years in length there have been many occurrences of change in
21 ownership that require detailed attention to record exchanges. Also London Hydro views these
22 customers as needing to utilize our distribution system to deliver their product and thus they
23 should be sharing in systems cost.



File Number: EB-2016-0091

Date Filed: January 17, 2017

Tab 7 of 7

VECC Supplemental Exhibit 8



1 8-VECC-76

2

3 Reference: IR Updated Tariff Sheets / IR Updated Appendix 2

4 a) Please explain why there is a difference in the 2017 Residential rates as noted in
5 the following references and which are the proposed rates:

6 • Updated Tariff Sheet (Residential): \$19.88 / month & \$0.0086/kWh

7 • Updated RRWF – Residential Rate Design Tab - \$19.88 /month &
8 \$0.0085 / kWh

9 • Updated RRWF – Rate Design Tab - \$19.87 / month & \$0.0085/kWh

10 • Updated Tariff Sheet – Bill Impacts - \$19.75 / month & \$0.0084 / kWh

11

12 [LH Response:](#)

13 [The difference was the result of oversight on model completion. London Hydro will avoid this on](#)
14 [settlement.](#)



File Number: EB-2016-0091

Interrogatories for Exhibit: 8

Tab: 7

Schedule: 2

Page: 1 of 1

Date Filed: January 17, 2017

1 8-VECC-77

2

3 Reference: Staff-53 f)

4 a) If FIT customers are being transferred to the GS>50 class, why does the
5 response not show any demand-billed (kW) revenues under the proposed
6 approach (i.e., why does London Hydro assume these customers contribute no
7 billing demand?).

8

9 LH Response:

10

11 London Hydro has chosen not to consider application of the distribution volumetric charges with
12 respect to the microFIT and FIT class generation. London Hydro is of the opinion that
13 application of distribution volumetric charges, while system cost recovery wise should be
14 applied in fairness to all customers, would be financially harmful to the generator. It is London
15 Hydro's intent however to recover the reasonable fixed costs for maintaining these customers.



1 8-VECC-78

2

3 Reference: 8/11/1, page 2 (lines 10-11) / 8/12/1, page 5

4 a) The application states that for GS>50 net metered customers the distribution
5 volumetric rate will be applied to the “boiler plate generation capacity”. However
6 the Tariff language indicates that the rate will be applied to the gross absolute
7 reading – being the sum of the consumption reading and the generation reading.
8 Please clarify which definition for the billing parameter London Hydro is
9 proposing.

10

11 LH Response:

12 London Hydro is proposing that the “boiler plate generation capacity” is used to classify the
13 customer as GS>50.

14

15 The application of rates would fairly be based on the greater of consumption peak demand input
16 or generation peak demand output.

17

18 If this proposal is accepted alternate wording will be constructed to phrase this.



1 8-VECC-79

2

3 Reference: VECC 63 a) /8/12/2, Attachment 1, page 49

4 a) VECC 63 states that the standby charge is not calculated based on whether or
5 not Standby Power Service has been provided (but) instead the contracted
6 reserved amount is charge to the customer every month. However, the language
7 in the proposed Standby Power Service tariff for which London Hydro is seeking
8 approval specifically states “Standby Charge – for a month where standby power
9 is not provided”. Please reconcile the response with the proposed tariff wording.
10 Does the latter need to be altered?

11 b) Please explain why, if the standby charge is fully applied in months where
12 standby power is used (and presumably impacts the customer’s billing demand)
13 the customer is not being charged twice for the same service.

14

15

16 LH Response:

17 a) London Hydro would agree that the statement “Standby Charge – for a month
18 where standby power is not provided” should be altered. London Hydro proposes
19 to remove “– for a month where standby power is not provided”. This phrase has
20 been in place since on or before 2006.

21 Proposed replacement.

22 “Standby Charge is applied to the contracted amount (e.g. nameplate rating of the generation
23 facility)”.

24 b) For Co-Generation accounts the excess over reserve is the amount that has
25 distribution volumetric rate applied. London Hydro notes this is not articulated nn
26 the tariff sheet.

27 Proposed replacement.

28 “Distribution Volumetric Rate is applied to billed demand in excess of contracted amount (e.g.
29 nameplate rating of the generation facility)”.

30



London Hydro

**Exhibit 9 Interrogatories
Response to Interrogatories
EB-2016-0091**

Rates Effective: May 1, 2017

Date Filed: January 17, 2017

London Hydro
111 Horton Street
P.O. Box 2700
London, ON
N6A 4H6



File Number: EB-2016-0091

Date Filed: January 17, 2017

Tab 6 of 7

Board Staff Supplemental Exhibit 9



1 Supplemental 9-Staff-64

2

3 London Hydro is requesting to establish 1508 – P&OPEB Transitional Adjustments Deferral
4 Account. It is to record the adjustment made upon transitioning from CGAAP to IFRS relating to
5 unamortized actuarial gains and losses and past service costs. It's also to record actuarial gains
6 and losses from 2014 and 2015. London hydro is seeking to dispose of this account in this
7 application.

8 Will there be anything further recorded in this account in the future?

9 Is London Hydro proposing to keep the account open or close after disposition, if approved?

10

11 [LH Response:](#)

12 Yes, there will be further entries annually to record actuarial gains and losses. These entries will
13 be made each year based on annual P&OPEB actuarial valuations and are necessary to reflect
14 actuarial remeasurements made in the calculation of the P&OPEB year-end liability.

15

16 Yes, London Hydro is proposing that the account be kept open to account for actuarial gains
17 and losses for rate-making purposes since these amounts cannot be estimated and
18 accommodated through budget provisions. Further, annual dollar amounts of gains and losses
19 can be volatile. Keeping the deferral account open is considered the best option so that
20 amounts can be amortized and recovered through rates on a more smooth and streamlined
21 pattern.



1 Supplemental 9-Staff-59

2

3 The retail service activities and settlement process changed in 2015. An adjustment was
4 booked to bring the year to date variance up to date, effective January 1, 2012. Why did the
5 change in settlement process not change the total balance in the account, but just the allocation
6 of the balance from 2012 to 2015?

7

8 [LH Response:](#)

9

10 *Ref.: Response 9-Staff-59, filed January 17, 2017*

11

12 The retail service activities and settlement process have changed prior to 2015,
13 however the analysis used in the calculation of the related variances have not been
14 updated until 2015. The RRR filings, up to Year 2014, were based on the existing
15 analysis which reflected some of the manual processes and functions implemented
16 originally. In 2015, a comprehensive review of the current retail activities and
17 settlement processes was completed, and the variance analysis was updated. During
18 the review in Year 2015 it was discovered that the automatized retailer processes were
19 in service in 2012 and the EBT optimization for the retailer settlement functionality was
20 also completed. The updated variance analysis reflects the changes in the processes
21 as well as the resulting costs. An adjustment was required to correct the year-to-date
22 variances accumulated in Accounts 1518 and 1548 to reflect the variances calculated
23 using the updated analysis. The adjustments required for Years 2012-2014 were
24 booked during Year 2015.

25

26 The amounts filed under RRR E2.1.7 Trial Balance reflect variances calculated using
27 the old analysis for Years 2012-2014:



Transactions	USoA	2012	2013	2014	Total
Retailer Charges	4082	\$ (139,561)	\$ (119,353)	\$ (104,398)	\$ (363,311)
Incremental Expenses to provide retail services	5315	130,662	110,249	108,645	\$ 349,556
RCVA Retail	1518	\$ (8,898)	\$ (9,104)	\$ 4,247	\$ (13,755)
STR Charges	4084	\$ (5,628)	\$ (4,180)	\$ (2,745)	\$ (12,553)
Incremental Expenses to provide retail services	5315	36,636	36,415	37,346	\$ 110,396
RCVA STR	1548	\$ 31,007	\$ 32,235	\$ 34,601	\$ 97,843

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4 The restated balances included in E9-T1-S4 Page 10 reflect the actual updated
 5 variances resulting from providing retailer associated services.

6

7 Schedule of revenues and expenses by Uniform System of Accounts (“USoA”) account
 8 number that are incorporated into the variances recorded in Account 1518 and 1548,
 9 using the updated variance analysis:

Transactions	USoA	2012	2013	2014	Total
Retailer Charges	4082	\$ (139,561)	\$ (119,353)	\$ (104,398)	\$ (363,311)
Incremental Expenses to provide retail services	5315	162,228	119,657	127,023	\$ 408,908
RCVA Retail	1518	\$ 22,668	\$ 304	\$ 22,625	\$ 45,597
STR Charges	4084	\$ (5,628)	\$ (4,180)	\$ (2,745)	\$ (12,553)
Incremental Expenses to provide retail services	5315	3,847	3,895	3,951	\$ 11,693
RCVA STR	1548	\$ (1,781)	\$ (285)	\$ 1,207	\$ (860)

10

11

12

13 The retail service variances (RCVA) were reported using the updated analysis for Year
 14 2015. The adjustments required for Years 2012-2014 were also booked during Year



1 2015. The total variance reported in RRR 2.1.7 Trial Balance for Year 2015 includes
 2 the adjustments for Years 2012-2014 and the actual variance for Year 2015.

3

Transactions	USoA	Total Variance		Adjustment		TOTAL RRR 2.1.7 Trial Balance
		Reported Years 2012-2014	Updated Years 2012-2014	Booked in Year 2015 for Years 2012-2014	Year 2015 Variances	
Retailer Charges	4082	\$ (363,311)	\$ (363,311)	\$ -	\$ (92,212)	\$ (92,212)
Incremental Expenses to provide retail services	5315	\$ 349,556	\$ 408,908	\$ 59,352	\$ 132,837	\$ 192,189
RCVA Retail	1518	\$ (13,755)	\$ 45,597	\$ 59,352	\$ 40,626	\$ 99,977
STR Charges	4084	\$ (12,553)	\$ (12,553)	\$ -	\$ (2,951)	\$ (2,951)
Incremental Expenses to provide retail services	5315	\$ 110,396	\$ 11,693	\$ (98,703)	\$ 3,720	\$ (94,984)
RCVA STR	1548	\$ 97,843	\$ (860)	\$ (98,703)	\$ 769	\$ (97,934)

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7



File Number: EB-2016-0091

Date Filed: January 17, 2017

Tab 7 of 7

LPMA Supplemental Exhibit 9



File Number: EB-2016-0091

Interrogatories for Exhibit: 9

Tab: 7

Schedule: 1

Page: 1 of 1

Date Filed: January 17, 2017

1 Supplemental 9-LPMA-12

2

3 Ref: 9-LPMA-62

4

5 Please confirm that based on the actual bad expenses shown for 2014 through 2016, the
6 average over those three years is \$583,287 and that the variance account would capture any
7 bad debt expenses in excess of \$874,930. If this cannot be confirmed, please provide the
8 correct figures.

9

10 [LH Response:](#)

11 [London Hydro would confirm that based on the actual bad expenses shown for 2014 through](#)
12 [2016, the average over those three years is \\$583,287 and that the variance account would](#)
13 [capture any bad debt expenses in excess of \\$874,930.](#)