

ERZ-Staff-28

Reference: ERZ GA Analysis Workform, GA 2019 tab

Under Note 4 of the GA Analysis Workform, columns G and H were left blank:

Note 4 Analysis of Expected GA Amount									
Year 2019									
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	H	I = F-G+H	J	K = F*J	L	M = I*L	=M-K
January	243,448,450			243,448,450	0.06741	\$ 16,410,860	0.08092	\$ 19,699,849	\$ 3,288,989
February	222,140,602			222,140,602	0.09657	\$ 21,452,118	0.08812	\$ 19,575,030	\$ (1,877,088)
March	237,987,573			237,987,573	0.08105	\$ 19,288,893	0.08041	\$ 19,136,581	\$ (152,312)
April	215,898,531			215,898,531	0.08129	\$ 17,550,392	0.12333	\$ 26,626,766	\$ 9,076,374
May	216,591,464			216,591,464	0.12860	\$ 27,853,662	0.12604	\$ 27,299,188	\$ (554,474)
June	219,780,622			219,780,622	0.12444	\$ 27,349,501	0.13728	\$ 30,171,484	\$ 2,821,983
July	253,431,928			253,431,928	0.13527	\$ 34,281,737	0.09645	\$ 24,443,509	\$ (9,838,227)
August	243,503,470			243,503,470	0.07211	\$ 17,559,035	0.12607	\$ 30,698,483	\$ 13,139,447
September	220,814,014			220,814,014	0.12934	\$ 28,560,085	0.12263	\$ 27,078,423	\$ (1,481,662)
October	220,495,163			220,495,163	0.17878	\$ 39,420,125	0.13680	\$ 30,163,738	\$ (9,256,387)
November	224,354,756			224,354,756	0.10727	\$ 24,066,535	0.09953	\$ 22,330,029	\$ (1,736,506)
December	233,124,785			233,124,785	0.08569	\$ 19,876,463	0.09321	\$ 21,729,561	\$ 1,753,098
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	2,751,571,357	-	-	2,751,571,357		\$ 293,769,405		\$ 298,952,640	\$ 5,183,235
Calculated Loss Factor									1.0356
Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW									1.036
Difference									-0.0004

a) Please explain why columns G and H were not used in the above table.

Response:

- 1 a) Alectra Utilities confirms that Columns G and H were not used in the above table as Alectra
- 2 Utilities relied on actual calendar month consumption in Column F for the Enersource RZ. As
- 3 a result, no unbilled consumption adjustments were required. This is in consistent with the
- 4 “Instructions for Completing GA Analysis Workform – 2021 Rate” published by the OEB in
- 5 May 2020. Under Note 4b), the OEB states, “Alternatively, if more precise calendar month
- 6 consumption is available, this can be used instead of using unbilled data as discussed under
- 7 step #4a above. Input the calendar month consumption data in column F. Unbilled
- 8 consumption would not be required in columns G and H.”

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Reference: ERZ GA Analysis Workform, Principal Adjustments tab

Under Note 8 of the GA Analysis Workform, Alectra Utilities included a current year principal adjustment related to CT-148 true-up of GA charges for Account 1589:

Year	Adjustment Description	Amount	Year Recorded in GL
2019	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	(2,660,968)	2020

However, there was no corresponding principal adjustment for Account 1588, but rather a similar offsetting adjustment for CT-1142 true-up:

Year	Adjustment Description	Amount	Year Recorded in GL
2019	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual RPP volumes		
	2 CT 1142 true-up based on actuals	2,692,617	2,020

- a) Please confirm whether the “CT-148 true-up of GA charges based on actual RPP volumes” for Account 1588 has been included with the \$2,692,617 adjustment for “CT-1142 true-up based on actuals”.
- b) If yes to a), please provide a breakdown of the adjustment between:
 - i. CT-148 true-up of GA charges based on actual RPP volumes
 - ii. CT-1142 true-up based on actuals
- c) If no to a), please explain why there is no corresponding principal adjustment for CT-148 true-up of GA charges for Account 1588.

Response:

- 1 a) Alectra Utilities confirms that the “CT-148 true-up of GA charges based on actual RPP
- 2 volumes” for Account 1588 has been included with the \$2,692,617 adjustments for “CT-
- 3 1142 true-up based on actuals”
- 4
- 5 b) Please see the breakdown of the adjustment below:
- 6 i. CT-148 true-up of GA charges based on actual RPP volumes is \$2,660,968
- 7 ii. CT-1142 true-up based on actuals is \$31,649
- 8
- 9 c) Please see Alectra Utilities’ response to part b).

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**References: Exhibit 3, Tab 1, Schedule 9, Page 2
ERZ – 2021 RGCRP Model, Tab “Revenue Requirement”
EB-2019-0018, ERZ – 2020 RGCRP Model, Tab “2020 Price Cap IR
Enersource RZ”**

Alectra Utilities is requesting to collect \$149,672 in RGCRP funding for the 2021 rate year. OEB staff has compared this year’s ERZ RGCRP model with last year’s model and it appears that Alectra Utilities has updated the 2019 amounts for 2019 actuals and provided an updated forecast for the 2020 amounts.

- a) Please confirm whether OEB staff’s understanding is correct.**
- b) Does the \$149,672 amount being requested for 2021 include the true-up in variances between the updated 2019 and 2020 amounts? If not, please explain why Alectra Utilities has opted to not true-up the variances in 2021.**

OEB staff notes that there were no capital additions forecast for 2021 year in the ERZ RGCRP model.

- c) Does Alectra Utilities expect any future RGCRP capital additions in 2022-2026?**

If no to c), for future regulatory efficiency, OEB staff notes that Alectra Utilities may revise its ERZ RGCRP model to extend the payment calculations for 2022-2026 for approval in this proceeding.

- d) If Alectra Utilities agrees with this approach, please provide a revised ERZ RGCRP model with calculated payment amounts for 2022-2026. If not, please explain why not.**

Response:

- 1 a) Alectra Utilities confirms that the Renewable Generation Connection Rate Protection
2 (“RGCRP”) Model filed for the Enersource RZ included an update to the 2019 amounts for
3 2019 actuals, and an updated forecast for the 2020 amounts.
4
- 5 b) The \$149,672 amount being requested for 2021 did not include the true-up in variances
6 between the updated 2019 and 2020 amounts. Alectra Utilities has not trued-up the variances
7 in 2021 for the Enersource RZ in order to align the calculation of the RGCRP amounts with
8 Alectra Utilities’ PowerStream and Brampton RZs. The variance between the actual and
9 forecast will be recorded in Account 1533, as per the Accounting Procedures Handbook
10 Accounting Guidance, issued in March 2015, which states that “the purpose of this variance

1 account is to track the variance between the distributor's revenue requirement associated with
2 the portion of the actual capital and/or operating costs that are eligible for rate protection, as
3 incurred by the distributor for eligible renewable enabling and expansion investments, and the
4 rate protection payments collected from the IESO."

5
6 c) Alectra Utilities does not expect any future RGCRP capital additions in 2022-2026.

7
8 d) Alectra Utilities has updated its RGCRP model to extend the payment calculation for 2022-
9 2026 for the Enersource RZ. The updated RGCRP model has been filed as ERZ-Staff-
10 30_Attach 1_RGCRP Model.

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Attachment 1 – RGCRP

Appendix 2-FB

Calculation of Renewable Generation Connection Direct Benefits/Provincial Amount: Renewable Enabling Improvement Investments

This table will calculate the distributor/provincial shares of the investments entered in Part A of Appendix 2-FA.

Enter values in green shaded cells: WCA percentage, debt percentages, interest rates, kWh, tax rates, amortization period, CCA Class and percentage.

For historical investments, enter these variables for your last cost of service test year. For 2016 and beyond, enter variables as in the application.

Rate Riders are not calculated for Test Year as these assets and costs are already in the distributor's rate base/revenue requirement.

[illegible]

Note 1: The difference between the actual costs of approved eligible investments and revenue received from the IESO should be recorded in a variance account. The Board may provide regulatory accounting guidance regarding a variance account either in an individual proceeding or on a generic basis.

Note 2: For the 2016 Test Year, Costs and Revenues of the Direct Benefit are to be included in the test year applicant Rate Base and Revenues.

PILs Calculation

	2010				2011				2012				2013				20	
<u>Income Tax</u>	Direct Benefit		Provincial		Direct Benefit		Provincial		Direct Benefit		Provincial		Direct Benefit		Provincial		Direct Benefit	
Net Income - ROE on Rate Base	\$	23	\$	358	\$	132	\$	2,067	\$	378	\$	5,920	\$	827	\$	11,162	\$	1,092
Amortization (6% DB and 94% P)	\$	46	\$	720	\$	269	\$	4,207	\$	782	\$	12,250	\$	1,451	\$	22,735	\$	2,065
CCA (6% DB and 94% P)	\$	147	\$	2,305	\$	756	\$	11,848	\$	1,506	\$	23,595	\$	1,984	\$	31,089	\$	2,297
Taxable income	-\$	78	-\$	1,227	-\$	356	-\$	5,574	-\$	346	-\$	5,425	\$	294	\$	2,807	\$	860
Tax Rate (to be entered)		31.00%		31.00%		28.25%		28.25%		26.50%		26.50%		26.50%		26.50%		26.50%
Income Taxes Payable	-\$	24	-\$	380	-\$	101	-\$	1,575	-\$	92	-\$	1,438	\$	78	\$	744	\$	228
Gross Up																		
Income Taxes Payable	\$	(35)	\$	(551)	\$	(140)	\$	(2,194)	\$	(125)	\$	(1,956)	\$	106	\$	1,012	\$	310
Grossed Up PILs	-\$	35	-\$	551	-\$	140	-\$	2,194	-\$	125	-\$	1,956	\$	106	\$	1,012	\$	310

UCC for PILs Calculation

		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022													
Opening UCC		\$	58,845	\$	243,654	\$	358,781	\$	434,986	\$	483,731	\$	673,101	\$	774,722	\$	953,361	\$	978,990	\$	954,364	\$	913,811	\$	840,706		
Capital Additions (from Appendix 2-FA)		\$	61,297	\$	197,413	\$	140,229	\$	109,278	\$	87,025	\$	237,572	\$	161,946	\$	250,642	\$	106,144	\$	55,931	\$	37,288	\$	-	\$	-
UCC Before Half Year Rule		\$	61,297	\$	256,258	\$	383,883	\$	468,058	\$	522,011	\$	721,303	\$	835,048	\$	1,025,364	\$	1,059,505	\$	1,034,921	\$	991,652	\$	913,811	\$	840,706
Half Year Rule (1/2 Additions - Disposals)		\$	30,648	\$	98,707	\$	70,114	\$	54,639	\$	43,513	\$	118,786	\$	80,973	\$	125,321	\$	53,072	\$	27,965	\$	18,644	\$	-	\$	-
Reduced UCC		\$	30,648	\$	157,551	\$	313,768	\$	413,420	\$	478,498	\$	602,517	\$	754,075	\$	900,043	\$	1,006,433	\$	1,006,955	\$	973,008	\$	913,811	\$	840,706
CCA Rate Class (to be entered)	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	
CCA Rate (to be entered)	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	
CCA		\$	2,452	\$	12,604	\$	25,101	\$	33,074	\$	38,280	\$	48,201	\$	60,326	\$	72,003	\$	80,515	\$	80,556	\$	77,841	\$	73,105	\$	67,257
Closing UCC		\$	58,845	\$	243,654	\$	358,781	\$	434,986	\$	483,731	\$	673,101	\$	774,722	\$	953,361	\$	978,990	\$	954,364	\$	913,811	\$	840,706	\$	773,450

	2015				2016				2017				2018				2019				2020			
Provincial 94%	Total	Direct Benefit 6%	Provincial 94%	Total	Direct Benefit 6%	Provincial 94%	Total	Direct Benefit 6%	Provincial 94%	Total	Direct Benefit 6%	Provincial 94%	Total	Direct Benefit 6%	Provincial 94%	Total	Direct Benefit 6%	Provincial 94%	Total	Direct Benefit 6%	Provincial 94%			
\$ 429,157	\$ 575,885	\$ 34,553	\$ 541,332	\$ 701,277	\$ 42,077	\$ 659,201	\$ 819,276	\$ 49,157	\$ 770,119	\$ 948,075	\$ 56,884	\$ 891,190	\$ 975,818	\$ 58,549	\$ 917,269	\$ 888,240	\$ 53,294	\$ 834,946	\$ 797,520					
	\$43,615	\$ 43,615		\$58,050	\$ 58,050		\$51,196	\$ 51,196		\$63,047	\$ 63,047		\$0	\$ 0		\$ -	\$ -		\$0	\$ -				
\$ -	\$0	\$ -	\$ -	\$0	\$ -	\$ -	\$0	\$ -	\$ -	\$0	\$ -	\$ -	\$0	\$ -	\$ -	\$0	\$ -	\$ -	\$0	\$ -				
\$ -		\$ 5,888	\$ -		\$ 7,837	\$ -		\$ 6,911	\$ -		\$ 8,511	\$ -		\$ 0	\$ -		\$ -	\$ -		\$ -				
\$ 429,157		\$ 40,441	\$ 541,332		\$ 49,913	\$ 659,201		\$ 56,068	\$ 770,119		\$ 65,396	\$ 891,190		\$ 58,549	\$ 917,269		\$ 53,294	\$ 834,946						
\$ 17,166		\$ 1,618	\$ 21,653		\$ 1,997	\$ 26,368		\$ 2,243	\$ 30,805		\$ 2,616	\$ 35,648		\$ 2,342	\$ 36,691		\$ 2,132	\$ 33,398						
\$ 240,328		\$ 22,647	\$ 303,146		\$ 27,951	\$ 369,152		\$ 31,398	\$ 431,267		\$ 36,622	\$ 499,067		\$ 32,787	\$ 513,671		\$ 29,845	\$ 467,570						
\$ 171,663		\$ 16,176	\$ 216,533		\$ 19,965	\$ 263,680		\$ 22,427	\$ 308,048		\$ 26,158	\$ 356,476		\$ 23,420	\$ 366,908		\$ 21,318	\$ 333,978						
\$ 357		\$ 34	\$ 450		\$ 42	\$ 548		\$ 47	\$ 641		\$ 54	\$ 741		\$ 49	\$ 763		\$ 44	\$ 695						
\$ 12,233		\$ 1,153	\$ 15,430		\$ 1,423	\$ 18,790		\$ 1,598	\$ 21,951		\$ 1,864	\$ 25,402		\$ 1,669	\$ 26,146		\$ 1,519	\$ 23,799						
\$ 15,330		\$ 1,445	\$ 19,336		\$ 1,783	\$ 23,547		\$ 2,003	\$ 27,509		\$ 2,336	\$ 31,833		\$ 2,091	\$ 32,765		\$ 1,904	\$ 29,824						
\$ 27,919		\$ 2,631	\$ 35,217		\$ 3,247	\$ 42,885		\$ 3,648	\$ 50,101		\$ 4,254	\$ 57,977		\$ 3,809	\$ 59,674		\$ 3,467	\$ 54,318						
\$ -		\$ 43,615	\$ -		\$ 58,050	\$ -		\$ 51,196	\$ -		\$ 63,047	\$ -		\$ 0	\$ -		\$ -	\$ -		\$ -				
\$ 32,349	\$ 45,018	\$ 2,701	\$ 42,317	\$ 56,770	\$ 3,406	\$ 53,364	\$ 68,823	\$ 4,129	\$ 64,694	\$ 82,452	\$ 4,947	\$ 77,505	\$ 90,617	\$ 5,437	\$ 85,180	\$ 90,720	\$ 5,443	\$ 85,277	\$ 90,720					
\$ 4,217		\$ 452	\$ 5,893		\$ 566	\$ 7,285		\$ 653	\$ 8,840		\$ 884	\$ 12,134		\$ 972	\$ 15,223		\$ 965	\$ 15,118						
\$ 64,485		\$ 49,399	\$ 83,426		\$ 65,269	\$ 103,534		\$ 59,626	\$ 123,635		\$ 73,133	\$ 147,617		\$ 10,218	\$ 160,077		\$ 9,875	\$ 154,713						
\$ 64,485		\$ 83,426			\$ 103,534			\$ 123,635			\$ 147,617			\$ 160,077			\$ 154,713							
\$ 5,374		\$ 6,952			\$ 8,628			\$ 10,302.93			\$ 12,301			\$ 13,340			\$ 12,893							

14	2015		2016		2017		2018		2019		2020	
Provincial	Direct Benefit	Provincial	Direct Benefit	Provincial	Direct Benefit	Provincial	Direct Benefit	Provincial	Direct Benefit	Provincial	Direct Benefit	Provincial
\$ 15,330	\$ 1,445	\$ 19,336	\$ 1,783	\$ 23,547	\$ 2,003	\$ 27,509	\$ 2,336	\$ 31,833	\$ 2,091	\$ 32,765	\$ 1,904	\$ 29,824
\$ 32,349	\$ 2,701	\$ 42,317	\$ 3,406	\$ 53,364	\$ 4,129	\$ 64,694	\$ 4,947	\$ 77,505	\$ 5,437	\$ 85,180	\$ 5,443	\$ 85,277
-\$ 35,983	-\$ 2,892	-\$ 45,309	-\$ 3,620	-\$ 56,706	-\$ 4,320	-\$ 67,683	-\$ 4,831	-\$ 75,684	-\$ 4,833	-\$ 75,723	-\$ 4,670	-\$ 73,170
\$ 11,696	\$ 1,254	\$ 16,344	\$ 1,570	\$ 20,204	\$ 1,812	\$ 24,519	\$ 2,452	\$ 33,655	\$ 2,695	\$ 42,222	\$ 2,676	\$ 41,931
26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
\$ 3,099	\$ 332	\$ 4,331	\$ 416	\$ 5,354	\$ 480	\$ 6,498	\$ 650	\$ 8,919	\$ 714	\$ 11,189	\$ 709	\$ 11,112
\$ 4,217	\$ 452	\$ 5,893	\$ 566	\$ 7,285	\$ 653	\$ 8,840	\$ 884	\$ 12,134	\$ 972	\$ 15,223	\$ 965	\$ 15,118
\$ 4,217	\$ 452	\$ 5,893	\$ 566	\$ 7,285	\$ 653	\$ 8,840	\$ 884	\$ 12,134	\$ 972	\$ 15,223	\$ 965	\$ 15,118

2023	2024	2025	2026
\$ 773,450	\$ 711,574	\$ 654,648	\$ 602,276
\$ -	\$ -	\$ -	\$ -
\$ 773,450	\$ 711,574	\$ 654,648	\$ 602,276
\$ -	\$ -	\$ -	\$ -
\$ 773,450	\$ 711,574	\$ 654,648	\$ 602,276
47	47	47	47
8%	8%	8%	8%
\$ 61,876	\$ 56,926	\$ 52,372	\$ 48,182
\$ 711,574	\$ 654,648	\$ 602,276	\$ 554,094

2021			2022			2023			2024			2025			2026		
Direct Benefit	Provincial		Direct Benefit	Provincial		Direct Benefit	Provincial		Direct Benefit	Provincial		Direct Benefit	Provincial		Direct Benefit	Provincial	
6%	94%	Total	6%	94%	Total	6%	94%	Total	6%	94%	Total	6%	94%	Total	6%	94%	Total
\$ 47,851	\$ 749,669	\$ 706,801	\$ 42,408	\$ 664,393	\$ 616,081	\$ 36,965	\$ 579,116	\$ 525,361	\$ 31,522	\$ 493,840	\$ 434,641	\$ 26,078	\$ 408,563	\$ 343,922	\$ 20,635	\$ 323,286	\$ 323,286
\$ -	\$ -	\$ 0	\$ -	\$ -	\$ 0	\$ -	\$ -	\$ 0	\$ -	\$ -	\$ 0	\$ -	\$ -	\$ 0	\$ -	\$ -	\$ 0
\$ -	\$ -	\$ 0	\$ -	\$ -	\$ 0	\$ -	\$ -	\$ 0	\$ -	\$ -	\$ 0	\$ -	\$ -	\$ 0	\$ -	\$ -	\$ 0
\$ -	\$ -	\$ 0	\$ -	\$ -	\$ 0	\$ -	\$ -	\$ 0	\$ -	\$ -	\$ 0	\$ -	\$ -	\$ 0	\$ -	\$ -	\$ 0
\$ 47,851	\$ 749,669		\$ 42,408	\$ 664,393		\$ 36,965	\$ 579,116		\$ 31,522	\$ 493,840		\$ 26,078	\$ 408,563		\$ 20,635	\$ 323,286	
\$ 1,914	\$ 29,987		\$ 1,696	\$ 26,576		\$ 1,479	\$ 23,165		\$ 1,261	\$ 19,754		\$ 1,043	\$ 16,343		\$ 825	\$ 12,931	
\$ 26,797	\$ 419,815		\$ 23,749	\$ 372,060		\$ 20,700	\$ 324,305		\$ 17,652	\$ 276,550		\$ 14,604	\$ 228,795		\$ 11,556	\$ 181,040	
\$ 19,140	\$ 299,868		\$ 16,963	\$ 265,757		\$ 14,786	\$ 231,646		\$ 12,609	\$ 197,536		\$ 10,431	\$ 163,425		\$ 8,254	\$ 129,315	
\$ 40	\$ 624		\$ 35	\$ 553		\$ 31	\$ 482		\$ 26	\$ 411		\$ 22	\$ 340		\$ 17	\$ 269	
\$ 1,364	\$ 21,369		\$ 1,209	\$ 18,938		\$ 1,054	\$ 16,507		\$ 898	\$ 14,076		\$ 743	\$ 11,646		\$ 588	\$ 9,215	
\$ 1,709	\$ 26,778		\$ 1,515	\$ 23,732		\$ 1,320	\$ 20,686		\$ 1,126	\$ 17,640		\$ 932	\$ 14,594		\$ 737	\$ 11,548	
\$ 3,113	\$ 48,770		\$ 2,759	\$ 43,223		\$ 2,405	\$ 37,675		\$ 2,051	\$ 32,127		\$ 1,697	\$ 26,579		\$ 1,342	\$ 21,032	
\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	
\$ 5,443	\$ 85,277	\$ 90,720	\$ 5,443	\$ 85,277	\$ 90,720	\$ 5,443	\$ 85,277	\$ 90,720	\$ 5,443	\$ 85,277	\$ 90,720	\$ 5,443	\$ 85,277	\$ 90,720	\$ 5,443	\$ 85,277	
\$ 997	\$ 15,625		\$ 1,054	\$ 16,508		\$ 1,100	\$ 17,234		\$ 1,137	\$ 17,813		\$ 1,165	\$ 18,258		\$ 1,186	\$ 18,580	
\$ 9,554	\$ 149,672		\$ 9,256	\$ 145,008		\$ 8,948	\$ 140,185		\$ 8,631	\$ 135,217		\$ 8,305	\$ 130,114		\$ 7,972	\$ 124,888	
	\$ 149,672			\$ 145,008			\$ 140,185			\$ 135,217			\$ 130,114			\$ 124,888	
	\$ 12,473			\$ 12,084			\$ 11,682			\$ 11,268			\$ 10,843			\$ 10,407	

2021		2022		2023		2024		2025		2026	
Direct Benefit	Provincial	Direct Benefit	Provincial	Direct Benefit	Provincial	Direct Benefit	Provincial	Direct Benefit	Provincial	Direct Benefit	Provincial
\$ 1,709	\$ 26,778	\$ 1,515	\$ 23,732	\$ 1,320	\$ 20,686	\$ 1,126	\$ 17,640	\$ 932	\$ 14,594	\$ 737	\$ 11,548
\$ 5,443	\$ 85,277	\$ 5,443	\$ 85,277	\$ 5,443	\$ 85,277	\$ 5,443	\$ 85,277	\$ 5,443	\$ 85,277	\$ 5,443	\$ 85,277
-\$ 4,386	-\$ 68,719	-\$ 4,035	-\$ 63,221	-\$ 3,713	-\$ 58,163	-\$ 3,416	-\$ 53,510	-\$ 3,142	-\$ 49,230	-\$ 2,891	-\$ 45,291
\$ 2,766	\$ 43,336	\$ 2,923	\$ 45,788	\$ 3,051	\$ 47,799	\$ 3,154	\$ 49,406	\$ 3,232	\$ 50,641	\$ 3,289	\$ 51,533
26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
\$ 733	\$ 11,484	\$ 774	\$ 12,134	\$ 809	\$ 12,667	\$ 836	\$ 13,093	\$ 857	\$ 13,420	\$ 872	\$ 13,656
\$ 997	\$ 15,625	\$ 1,054	\$ 16,508	\$ 1,100	\$ 17,234	\$ 1,137	\$ 17,813	\$ 1,165	\$ 18,258	\$ 1,186	\$ 18,580
\$ 997	\$ 15,625	\$ 1,054	\$ 16,508	\$ 1,100	\$ 17,234	\$ 1,137	\$ 17,813	\$ 1,165	\$ 18,258	\$ 1,186	\$ 18,580

Green Energy Fixed Asset Continuity Schedule

	COST		
	Opening	Additions	Closing
2010 (CGAAP)			
Green Energy - FIT/Micro	-	22,986.94	22,986.94
CIP - Green Energy - FIT/Micro	-	38,138.46	38,138.46
CIP AFUDC Green Energy	(0.00)	171.17	171.17
TOTAL	(0.00)	61,296.57	61,296.57

	COST		
	Opening	Additions	Closing
2011 Actual			
Green Energy - FIT/Micro	22,986.94	88,314.49	111,301.43
IFRS adjustment	(766.23)	-	(766.23)
CIP - Green Energy - FIT/Micro	38,138.46	109,236.68	147,375.14
CIP AFUDC Green Energy	171.17	(138.14)	33.03
TOTAL	60,530.34	197,413.03	257,943.37

	COST		
	Opening	Additions	Closing
2012 Actual			
Green Energy - FIT/Micro	110,535.20	173,210.96	283,746.16
CIP - Green Energy - FIT/Micro	147,375.14	36,781.00	184,156.14
CIP AFUDC Green Energy	33.03	(33.03)	(0.00)
Def Rev -FIT MicroFIT	-	(4,850.00)	(4,850.00)
CIP Def Rev -FIT MicroFIT	-	(64,880.00)	(64,880.00)
TOTAL	257,943.37	140,228.93	398,172.30

	Opening	YTD Additions	Closing
2013 Actual			
Green Energy - FIT/Micro	283,746.16	241,194.34	524,940.50
CIP - Green Energy - FIT/Micro	184,156.14	24,029.68	208,185.82
CIP AFUDC Green Energy	(0.00)	61.17	61.17
Def Rev -FIT MicroFIT	(4,850.00)	(74,950.00)	(79,800.00)
CIP Def Rev -FIT MicroFIT	(64,880.00)	(81,057.10)	(145,937.10)
TOTAL	398,172.30	109,278.09	507,450.39

	Opening	YTD Additions	Closing
2014 Actual			
Green Energy - FIT/Micro	524,940.50	274,892.00	799,832.50
CIP - Green Energy - FIT/Micro	208,185.82	43,892.00	252,077.82
CIP AFUDC Green Energy	61.17	63.00	124.17
Def Rev -FIT MicroFIT	(79,800.00)	(134,270.00)	(214,070.00)
CIP Def Rev -FIT MicroFIT	(145,937.10)	(97,552.00)	(243,489.10)
TOTAL	507,450.39	87,025.00	594,475.39

	Opening	YTD Additions	Closing
2015 Actual			
Green Energy - FIT/Micro	799,832.50	310,319.60	1,110,152.10
CIP - Green Energy - FIT/Micro	252,077.82	(113,046.75)	139,031.07
CIP AFUDC Green Energy	124.17	62.04	186.21
Def Rev -FIT MicroFIT	(214,070.00)	(132,840.00)	(346,910.00)
CIP Def Rev -FIT MicroFIT	(243,489.10)	173,077.16	(70,411.94)
TOTAL	594,475.39	237,572.05	832,047.44

	Opening	YTD Additions	Closing
2016 Forecast			
Green Energy - FIT/Micro	1,110,152.10	182,362.59	1,292,514.69
CIP - Green Energy - FIT/Micro	139,031.07	(13,211.19)	125,819.88
CIP AFUDC Green Energy	186.21	64.77	250.98
Def Rev -FIT MicroFIT	(346,910.00)	(7,269.91)	(354,179.91)
CIP Def Rev -FIT MicroFIT	(70,411.94)	-	(70,411.94)
TOTAL	832,047.44	161,946.26	993,993.70

	Opening	YTD Additions	Closing
2017 Actual			
Green Energy - FIT/Micro	1,292,514.69	233,867.99	1,526,382.68
CIP - Green Energy - FIT/Micro	125,819.88	28,024.91	153,844.79
CIP AFUDC Green Energy	250.98	(250.62)	0.36
Def Rev -FIT MicroFIT	(354,179.91)	(47,370.00)	(401,549.91)
CIP Def Rev -FIT MicroFIT	(70,411.94)	36,370.00	(34,041.94)
TOTAL	993,993.70	250,642.28	1,244,635.98

	Opening	YTD Additions	Closing
2018 Actual			
Green Energy - FIT/Micro	1,526,382.68	283,060.58	1,809,443.26
CIP - Green Energy - FIT/Micro	153,844.79	(150,273.76)	3,571.03
CIP AFUDC Green Energy	0.36	-	0.36
Def Rev -FIT MicroFIT	(401,549.91)	(60,684.90)	(462,234.81)
CIP Def Rev -FIT MicroFIT	(34,041.94)	34,042.10	0.16
TOTAL	1,244,635.98	106,144.02	1,350,780.00

	ACCUMULATED DEPRECIATION		
	Opening	Additions	Closing
	-	(766.23)	(766.23)
	-	-	-
	-	-	-
TOTAL	0.00	-766.23	-766.23

	ACCUM DEPRECIATION		
	Opening	Additions	Closing
	(766.23)	(4,476.28)	(5,242.51)
	766.23	-	766.23
	-	-	-
	-	-	-
TOTAL	-	(4,476.28)	(4,476.28)

	ACCUM DEPRECIATION		
	Opening	Additions	Closing
	(4,476.28)	(13,193.79)	(17,670.07)
	-	-	-
	-	-	-
	-	161.67	161.67
	-	-	-
TOTAL	(4,476.28)	(13,032.12)	(17,508.40)

	Opening	YTD Additions	Closing
2013 Actual			
Green Energy - FIT/Micro	(17,670.07)	(27,007.30)	(44,677.37)
CIP - Green Energy - FIT/Micro	-	-	-
CIP AFUDC Green Energy	-	-	-
Def Rev -FIT MicroFIT	161.67	2,821.66	2,983.33
CIP Def Rev -FIT MicroFIT	-	-	-
TOTAL	(17,508.40)	(24,185.64)	(41,694.04)

	Opening	YTD Additions	Closing
2014 Actual			
Green Energy - FIT/Micro	(44,677.37)	(44,210.00)	(88,887.37)
CIP - Green Energy - FIT/Micro	-	-	-
CIP AFUDC Green Energy	-	-	-
Def Rev -FIT MicroFIT	2,983.33	9,796.00	12,779.33
CIP Def Rev -FIT MicroFIT	-	-	-
TOTAL	(41,694.04)	(34,414.00)	(76,108.04)

	Opening	YTD Additions	Closing
2015 Actual			
Green Energy - FIT/Micro	(88,887.37)	(63,717.24)	(152,604.61)
CIP - Green Energy - FIT/Micro	-	-	-
CIP AFUDC Green Energy	-	-	-
Def Rev -FIT MicroFIT	12,779.33	18,699.33	31,478.66
CIP Def Rev -FIT MicroFIT	-	-	-
TOTAL	(76,108.04)	(45,017.91)	(121,125.95)

	Opening	YTD Additions	Closing
2016 Forecast			
Green Energy - FIT/Micro	(152,604.61)	(80,139.97)	(232,744.58)
CIP - Green Energy - FIT/Micro	-	-	-
CIP AFUDC Green Energy	-	-	-
Def Rev -FIT MicroFIT	31,478.66	23,369.66	54,848.32
CIP Def Rev -FIT MicroFIT	-	-	-
TOTAL	(121,125.95)	(56,770.31)	(177,896.26)

	Opening	YTD Additions	Closing
2017 Actual			
Green Energy - FIT/Micro	(232,744.58)	(94,014.33)	(326,758.91)
CIP - Green Energy - FIT/Micro	-	-	-
CIP AFUDC Green Energy	-	-	-
Def Rev -FIT MicroFIT	54,848.32	25,190.99	80,039.31
CIP Def Rev -FIT MicroFIT	-	-	-
TOTAL	(177,896.26)	(68,823.34)	(246,719.60)

	Opening	YTD Additions	Closing
2018 Actual			
Green Energy - FIT/Micro	(326,758.91)	(111,245.29)	(438,004.20)
CIP - Green Energy - FIT/Micro	-	-	-
CIP AFUDC Green Energy	-	-	-
Def Rev -FIT MicroFIT	80,039.31	28,792.82	108,832.13
CIP Def Rev -FIT MicroFIT	-	-	-
TOTAL	(246,719.60)	(82,452.47)	(329,172.07)

	NBV		
	Opening	Additions	Closing
	-	22,220.71	22,220.71
	-	38,138.46	38,138.46
	(0.00)	171.17	171.17
TOTAL	-0.00	60,530.34	60,530.34

	NBV		
	Opening	Additions	Closing
	22,220.71	83,838.21	106,058.92
	-	-	-
	38,138.46	109,236.68	147,375.14
	171.17	(138.14)	33.03
TOTAL	60,530.34	192,936.75	253,467.09

	NBV		
	Opening	Additions	Closing
	106,058.92	160,017.17	266,076.09
	147,375.14	36,781.00	184,156.14
	33.03	(33.03)	(0.00)
	-	(4,688.33)	(4,688.33)
	-	(64,880.00)	(64,880.00)
TOTAL	253,467.09	127,196.81	380,663.90

	Opening	YTD Additions	Closing
2013 Actual			
Green Energy - FIT/Micro	266,076.09	214,187.04	480,263.13
CIP - Green Energy - FIT/Micro	184,156.14	24,029.68	208,185.82
CIP AFUDC Green Energy	(0.00)	61.17	61.17
Def Rev -FIT MicroFIT	(4,688.33)	(72,128.34)	(76,816.67)
CIP Def Rev -FIT MicroFIT	(64,880.00)	(81,057.10)	(145,937.10)
TOTAL	380,663.90	85,092.45	465,756.35

	Opening	YTD Additions	Closing
2014 Actual			
Green Energy - FIT/Micro	480,263.13	230,682.00	710,945.13
CIP - Green Energy - FIT/Micro	208,185.82	43,892.00	252,077.82
CIP AFUDC Green Energy	61.17	63.00	124.17
Def Rev -FIT MicroFIT	(76,816.67)	(124,474.00)	(201,290.67)
CIP Def Rev -FIT MicroFIT	(145,937.10)	(97,552.00)	(243,489.10)
TOTAL	465,756.35	52,611.00	518,367.35

	Opening	YTD Additions	Closing
2015 Actual			
Green Energy - FIT/Micro	710,945.13	246,602.36	957,547.49
CIP - Green Energy - FIT/Micro	252,077.82	(113,046.75)	139,031.07
CIP AFUDC Green Energy	124.17	62.04	186.21
Def Rev -FIT MicroFIT	(201,290.67)	(114,140.67)	(315,431.34)
CIP Def Rev -FIT MicroFIT	(243,489.10)	173,077.16	(70,411.94)
TOTAL	518,367.35	192,554.14	710,921.49

	Opening	YTD Additions	Closing
2016 Forecast			
Green Energy - FIT/Micro	957,547.49	102,222.62	1,059,770.11
CIP - Green Energy - FIT/Micro	139,031.07	(13,211.19)	125,819.88
CIP AFUDC Green Energy	186.21	64.77	250.98
Def Rev -FIT MicroFIT	(315,431.34)	16,099.75	(299,331.59)
CIP Def Rev -FIT MicroFIT	(70,411.94)	-	(70,411.94)
TOTAL	710,921.49	105,175.95	816,097.44

	Opening	YTD Additions	Closing
2017 Actual			
Green Energy - FIT/Micro	1,059,770.11	139,853.66	1,199,623.77
CIP - Green Energy - FIT/Micro	125,819.88	28,024.91	153,844.79
CIP AFUDC Green Energy	250.98	(250.62)	0.36
Def Rev -FIT MicroFIT	(299,331.59)	(22,179.01)	(321,510.60)
CIP Def Rev -FIT MicroFIT	(70,411.94)	36,370.00	(34,041.94)
TOTAL	816,097.44	181,818.94	997,916.38

	Opening	YTD Additions	Closing
2018 Actual			
Green Energy - FIT/Micro	1,199,623.77	171,815.29	1,371,439.06
CIP - Green Energy - FIT/Micro	153,844.79	(150,273.76)	3,571.03
CIP AFUDC Green Energy	0.36	-	0.36
Def Rev -FIT MicroFIT	(321,510.60)	(31,892.08)	(353,402.68)
CIP Def Rev -FIT MicroFIT	(34,041.94)	34,042.10	0.16
TOTAL	997,916.38	23,691.55	1,021,607.93

317,065.50

	COST		
	Opening	Additions	Closing
2019 Actual			
Green Energy - FIT/Micro	1,809,443.26	6,180.54	1,815,623.80
CIP - Green Energy - FIT/Micro	3,571.03	49,722.45	53,293.48
CIP AFUDC Green Energy	0.36	27.66	28.02
Def Rev -FIT MicroFIT	(462,234.81)	-	(462,234.81)
CIP Def Rev -FIT MicroFIT	0.16	-	0.16
TOTAL	1,350,780.00	55,930.65	1,406,710.65

	ACCUM DEPRECIATION		
	Opening	Additions	Closing
	(438,004.20)	(121,567.91)	(559,572.11)
	-	-	-
	108,832.13	30,950.92	139,783.05
	-	-	-
	(329,172.07)	(90,616.99)	(419,789.06)

	NBV		
	Opening	Additions	Closing
	1,371,439.06	(115,387.37)	1,256,051.69
	3,571.03	49,722.45	53,293.48
	0.36	27.66	28.02
	(353,402.68)	30,950.92	(322,451.76)
	0.16	-	0.16
	1,021,607.93	(34,686.34)	986,921.59

	COST		
	Opening	Additions	Closing
2020 Forecast			
Green Energy - FIT/Micro	1,815,623.80	-	1,815,623.80
CIP - Green Energy - FIT/Micro	53,293.48	37,287.71	90,581.19
CIP AFUDC Green Energy	28.02	-	28.02
Def Rev -FIT MicroFIT	(462,234.81)	-	(462,234.81)
CIP Def Rev -FIT MicroFIT	0.16	-	0.16
TOTAL	1,406,710.65	37,287.71	1,443,998.36

	ACCUM DEPRECIATION		
	Opening	Additions	Closing
	(559,572.11)	(121,670.64)	(681,242.75)
	-	-	-
	139,783.05	30,950.92	170,733.97
	-	-	-
	(419,789.06)	(90,719.72)	(510,508.78)

	NBV		
	Opening	Additions	Closing
	1,256,051.69	(121,670.64)	1,134,381.05
	53,293.48	37,287.71	90,581.19
	28.02	-	28.02
	(322,451.76)	30,950.92	(291,500.84)
	0.16	-	0.16
	986,921.59	(53,432.01)	933,489.58

	COST		
	Opening	Additions	Closing
2021 Forecast			
Green Energy - FIT/Micro	1,815,623.80	-	1,815,623.80
CIP - Green Energy - FIT/Micro	90,581.19	-	90,581.19
CIP AFUDC Green Energy	28.02	-	28.02
Def Rev -FIT MicroFIT	(462,234.81)	-	(462,234.81)
CIP Def Rev -FIT MicroFIT	0.16	-	0.16
TOTAL	1,443,998.36	-	1,443,998.36

	ACCUM DEPRECIATION		
	Opening	Additions	Closing
	(681,242.75)	(121,670.64)	(802,913.39)
	-	-	-
	170,733.97	30,950.92	201,684.89
	-	-	-
	(510,508.78)	(90,719.72)	(601,228.50)

	NBV		
	Opening	Additions	Closing
	1,134,381.05	(121,670.64)	1,012,710.41
	90,581.19	-	90,581.19
	28.02	-	28.02
	(291,500.84)	30,950.92	(260,549.92)
	0.16	-	0.16
	933,489.58	(90,719.72)	842,769.86

	COST		
	Opening	Additions	Closing
2022 Forecast			
Green Energy - FIT/Micro	1,815,623.80	-	1,815,623.80
CIP - Green Energy - FIT/Micro	90,581.19	-	90,581.19
CIP AFUDC Green Energy	28.02	-	28.02
Def Rev -FIT MicroFIT	(462,234.81)	-	(462,234.81)
CIP Def Rev -FIT MicroFIT	0.16	-	0.16
TOTAL	1,443,998.36	-	1,443,998.36

	ACCUM DEPRECIATION		
	Opening	Additions	Closing
	(802,913.39)	(121,670.64)	(924,584.03)
	-	-	-
	201,684.89	30,950.92	232,635.81
	-	-	-
	(601,228.50)	(90,719.72)	(691,948.22)

	NBV		
	Opening	Additions	Closing
	1,012,710.41	(121,670.64)	891,039.77
	90,581.19	-	90,581.19
	28.02	-	28.02
	(260,549.92)	30,950.92	(229,599.00)
	0.16	-	0.16
	842,769.86	(90,719.72)	752,050.14

	COST		
	Opening	Additions	Closing
2023 Forecast			
Green Energy - FIT/Micro	1,815,623.80	-	1,815,623.80
CIP - Green Energy - FIT/Micro	90,581.19	-	90,581.19
CIP AFUDC Green Energy	28.02	-	28.02
Def Rev -FIT MicroFIT	(462,234.81)	-	(462,234.81)
CIP Def Rev -FIT MicroFIT	0.16	-	0.16
TOTAL	1,443,998.36	-	1,443,998.36

	ACCUM DEPRECIATION		
	Opening	Additions	Closing
	(924,584.03)	(121,670.64)	(1,046,254.67)
	-	-	-
	232,635.81	30,950.92	263,586.73
	-	-	-
	(691,948.22)	(90,719.72)	(782,667.94)

	NBV		
	Opening	Additions	Closing
	891,039.77	(121,670.64)	769,369.13
	90,581.19	-	90,581.19
	28.02	-	28.02
	(229,599.00)	30,950.92	(198,648.08)
	0.16	-	0.16
	752,050.14	(90,719.72)	661,330.42

	COST		
	Opening	Additions	Closing
2024 Forecast			
Green Energy - FIT/Micro	1,815,623.80	-	1,815,623.80
CIP - Green Energy - FIT/Micro	90,581.19	-	90,581.19
CIP AFUDC Green Energy	28.02	-	28.02
Def Rev -FIT MicroFIT	(462,234.81)	-	(462,234.81)
CIP Def Rev -FIT MicroFIT	0.16	-	0.16
TOTAL	1,443,998.36	-	1,443,998.36

	ACCUM DEPRECIATION		
	Opening	Additions	Closing
	(1,046,254.67)	(121,670.64)	(1,167,925.31)
	-	-	-
	263,586.73	30,950.92	294,537.65
	-	-	-
	(782,667.94)	(90,719.72)	(873,387.66)

	NBV		
	Opening	Additions	Closing
	769,369.13	(121,670.64)	647,698.49
	90,581.19	-	90,581.19
	28.02	-	28.02
	(198,648.08)	30,950.92	(167,697.16)
	0.16	-	0.16
	661,330.42	(90,719.72)	570,610.70

	COST		
	Opening	Additions	Closing
2025 Forecast			
Green Energy - FIT/Micro	1,815,623.80	-	1,815,623.80
CIP - Green Energy - FIT/Micro	90,581.19	-	90,581.19
CIP AFUDC Green Energy	28.02	-	28.02
Def Rev -FIT MicroFIT	(462,234.81)	-	(462,234.81)
CIP Def Rev -FIT MicroFIT	0.16	-	0.16
TOTAL	1,443,998.36	-	1,443,998.36

	ACCUM DEPRECIATION		
	Opening	Additions	Closing
	(1,167,925.31)	(121,670.64)	(1,289,595.95)
	-	-	-
	294,537.65	30,950.92	325,488.57
	-	-	-
	(873,387.66)	(90,719.72)	(964,107.38)

	NBV		
	Opening	Additions	Closing
	647,698.49	(121,670.64)	526,027.85
	90,581.19	-	90,581.19
	28.02	-	28.02
	(167,697.16)	30,950.92	(136,746.24)
	0.16	-	0.16
	570,610.70	(90,719.72)	479,890.98

	COST		
	Opening	Additions	Closing
2026 Forecast			
Green Energy - FIT/Micro	1,815,623.80	-	1,815,623.80
CIP - Green Energy - FIT/Micro	90,581.19	-	90,581.19
CIP AFUDC Green Energy	28.02	-	28.02
Def Rev -FIT MicroFIT	(462,234.81)	-	(462,234.81)
CIP Def Rev -FIT MicroFIT	0.16	-	0.16
TOTAL	1,443,998.36	-	1,443,998.36

	ACCUM DEPRECIATION		
	Opening	Additions	Closing
	(1,289,595.95)	(121,670.64)	(1,411,266.59)
	-	-	-
	325,488.57	30,950.92	356,439.49
	-	-	-
	(964,107.38)	(90,719.72)	(1,054,827.10)

	NBV		
	Opening	Additions	Closing
	526,027.85	(121,670.64)	404,357.21
	90,581.19	-	90,581.19
	28.02	-	28.02
	(136,746.24)	30,950.92	(105,795.32)
	0.16	-	0.16
	479,890.98	(90,719.72)	389,171.26

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Total
Net Capital Expenditures	61,296.57	197,413.03	140,228.93	109,278.09	87,025.00	237,572.05	161,946.26	250,642.28	106,144.02	55,930.65	37,287.71	0.00	0.00	0.00	0.00	0.00	0.00	1,444,764.59
Depreciation Expense	-766.23	-4,476.28	-13,032.12	-24,185.64	-34,414.00	-45,017.91	-56,770.31	-68,823.34	-82,452.47	-90,616.99	-90,719.72	-90,719.72	-90,719.72	-90,719.72	-90,719.72	-90,719.72	-90,719.72	-1,055,593.33

	2010	2011	2011 IFRS Adjustment	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Cummulative Cost including CIP	61,297	258,710	-766	398,172	507,450	594,475	832,047	993,994	1,244,636	1,350,780	1,406,711	1,443,998	1,443,998	1,443,998	1,443,998	1,443,998	1,443,998	1,443,998
Less Cummulative CIP	-38,310	-147,408	0	-119,276	-62,310	-8,713	-68,805	-55,659	-119,803	-3,572	-53,322	-90,609	-90,609	-90,609	-90,609	-90,609	-90,609	-90,609
Cummulative Accumulated Depreciation	-766	-5,243	766	-17,508	-41,694	-76,108	-121,126	-177,896	-246,720	-329,172	-419,789	-510,509	-601,229	-691,948	-782,668	-873,388	-964,107	-1,054,827

Average 2010	Average 2011
30,648	159,620
-19,155	-92,859
-383	-2,621
11,110	64,140

Average 2012	Average 2013	Average 2014	Average 2015	Average 2016	Average 2017	Average 2018	Average 2019	Average 2020	Average 2021	Average 2022	Average 2023	Average 2024	Average 2025	Average 2026
328,058	452,811	550,963	713,261	913,021	1,119,315	1,297,708	1,378,745	1,425,355	1,443,998	1,443,998	1,443,998	1,443,998	1,443,998	1,443,998
-133,342	-90,793	-35,511	-38,759	-62,232	-87,731	-61,687	-28,447	-71,966	-90,609	-90,609	-90,609	-90,609	-90,609	-90,609
-10,992	-29,601	-58,901	-98,617	-149,511	-212,308	-287,946	-374,481	-465,149	-555,869	-646,588	-737,308	-828,028	-918,748	-1,009,467
183,723	332,417	456,550	575,885	701,277	819,276	948,075	975,818	888,240	797,520	706,801	616,081	525,361	434,641	343,922

CCA Calculation

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Opening UCC	\$ -	\$ 58,845	\$ 243,654	\$ 358,781	\$ 434,986	\$ 483,731	\$ 673,101	\$ 774,722	\$ 953,361	\$ 978,990	\$ 954,364	\$ 913,811	\$ 840,706	\$ 773,450	\$ 711,574	\$ 654,648	\$ 602,276
Capital Additions	\$ 61,297	\$ 197,413	\$ 140,229	\$ 109,278	\$ 87,025	\$ 237,572	\$ 161,946	\$ 250,642	\$ 106,144	\$ 55,931	\$ 37,288	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
UCC Before Half Year Rule	\$ 61,297	\$ 256,258	\$ 383,883	\$ 468,059	\$ 522,011	\$ 721,303	\$ 835,048	\$ 1,025,364	\$ 1,059,505	\$ 1,034,921	\$ 991,652	\$ 913,811	\$ 840,706	\$ 773,450	\$ 711,574	\$ 654,648	\$ 602,276
Half Year Rule (1/2 Additions - Disposals)	\$ 30,648	\$ 98,707	\$ 70,114	\$ 54,639	\$ 43,513	\$ 118,786	\$ 80,973	\$ 125,321	\$ 53,072	\$ 27,965	\$ 18,644	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reduced UCC	\$ 30,648	\$ 157,551	\$ 313,768	\$ 413,420	\$ 478,498	\$ 602,517	\$ 754,075	\$ 900,043	\$ 1,006,433	\$ 1,006,955	\$ 973,008	\$ 913,811	\$ 840,706	\$ 773,450	\$ 711,574	\$ 654,648	\$ 602,276
CCA Rate Class	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47
CCA Rate	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
CCA	\$ 2,452	\$ 12,604	\$ 25,101	\$ 33,074	\$ 38,280	\$ 48,201	\$ 60,326	\$ 72,003	\$ 80,515	\$ 80,556	\$ 77,841	\$ 73,105	\$ 67,257	\$ 61,876	\$ 56,926	\$ 52,372	\$ 48,182
Closing UCC	\$ 58,845	\$ 243,654	\$ 358,781	\$ 434,986	\$ 483,731	\$ 673,101	\$ 774,722	\$ 953,361	\$ 978,990	\$ 954,364	\$ 913,811	\$ 840,706	\$ 773,450	\$ 711,574	\$ 654,648	\$ 602,276	\$ 554,094

PILs Calculation

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
INCOME TAX																	
Net Income	\$ 381	\$ 2,199	\$ 6,298	\$ 11,989	\$ 16,421	\$ 20,781	\$ 25,330	\$ 29,511	\$ 34,169	\$ 34,856	\$ 32,765	\$ 1,904	\$ 31,728	\$ 29,824	\$ 1,709	\$ 28,487	\$ 26,778
Amortization	\$ 766	\$ 4,476	\$ 13,032	\$ 24,186	\$ 34,414	\$ 45,018	\$ 56,770	\$ 68,823	\$ 82,452	\$ 90,617	\$ 90,720	\$ 90,720	\$ 90,720	\$ 90,720	\$ 90,720	\$ 90,720	\$ 90,720
CCA	-\$ 2,452	-\$ 12,604	-\$ 25,101	-\$ 33,074	-\$ 38,280	-\$ 48,201	-\$ 60,326	-\$ 72,003	-\$ 80,515	-\$ 80,556	-\$ 77,841	-\$ 73,105	-\$ 67,257	-\$ 61,876	-\$ 56,926	-\$ 52,372	-\$ 48,182
Change in taxable income	-\$ 1,305	-\$ 5,929	-\$ 5,771	\$ 3,101	\$ 12,555	\$ 17,598	\$ 21,774	\$ 26,331	\$ 36,107	\$ 44,917	\$ 45,644	\$ 19,518	\$ 55,191	\$ 58,668	\$ 35,503	\$ 66,835	\$ 69,316
Tax Rate	31.00%	28.25%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
Income Taxes Payable	-\$ 404	-\$ 1,675	-\$ 1,529	\$ 822	\$ 3,327	\$ 4,663	\$ 5,770	\$ 6,978	\$ 9,568	\$ 11,903	\$ 12,096	\$ 5,172	\$ 14,626	\$ 15,547	\$ 9,408	\$ 17,711	\$ 18,369

Gross Up																	
Change in Income Taxes Payable	PILs Payable -\$ 404	PILs Payable -\$ 1,675	PILs Payable -\$ 1,529	PILs Payable \$ 822	PILs Payable \$ 3,327	PILs Payable \$ 4,663	PILs Payable \$ 5,770	PILs Payable \$ 6,978	PILs Payable \$ 9,568	PILs Payable \$ 11,903	PILs Payable \$ 12,096	PILs Payable \$ 5,172	PILs Payable \$ 14,626	PILs Payable \$ 15,547	PILs Payable \$ 9,408	PILs Payable \$ 17,711	PILs Payable \$ 18,369
Change in OCT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PIL's	-\$ 404	-\$ 1,675	-\$ 1,529	\$ 822	\$ 3,327	\$ 4,663	\$ 5,770	\$ 6,978	\$ 9,568	\$ 11,903	\$ 12,096	\$ 5,172	\$ 14,626	\$ 15,547	\$ 9,408	\$ 17,711	\$ 18,369

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2021	2021	2021	2021	2021
	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs
Change in Income Taxes Payable	-\$ 586	-\$ 2,334	-\$ 2,081	\$ 1,118	\$ 4,527	\$ 6,345	\$ 7,850	\$ 9,494	\$ 13,018	\$ 16,194	\$ 16,457	\$ 7,037	\$ 19,899	\$ 21,152	\$ 12,800	\$ 24,097	\$ 24,991
Change in OCT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PIL's	-\$ 586	-\$ 2,334	-\$ 2,081	\$ 1,118	\$ 4,527	\$ 6,345	\$ 7,850	\$ 9,494	\$ 13,018	\$ 16,194	\$ 16,457	\$ 7,037	\$ 19,899	\$ 21,152	\$ 12,800	\$ 24,097	\$ 24,991

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**References: LRAMVA workform (Attachment 38), Tab 5
Participation & Cost (P&C) Report – Alectra Utilities (Attachment 40)**

The 2018 savings adjustments from the “Post P&C Report” are additional savings included in the LRAMVA calculation, as these savings adjustments were not identified in the P&C Report.

Post P&C Report Savings – 2018 savings adjustments

Post P&C report (kWh adjustment to 2018 savings)	ERZ – LRAMVA Workform
Save on Energy Heating and Cooling Program	96,460
Save on Energy Coupon Program	28,053
Save on Energy Audit Funding Program	666,450
Save on Energy Retrofit Program - FCR	799,654
Save on Energy Small Business Lighting Program	307,286
Save on Energy Retrofit Program - P4P	61,637,548
Save on Energy High Performance New Construction Program	712,974
Save on Energy Process & Systems Upgrades Program	387,307

- a) Please provide supporting documentation (e.g. a copy of the Post P&C report(s) or CDM-IS report(s) in excel format) to substantiate the additional 2018 project savings claimed.
 - i. For the Enersource RZ, please provide the following data from the Post P&C Report for the programs listed above:
 - Framework under which the savings will be delivered under (e.g. CFF wind-down framework, interim framework, etc.)
 - Date that the project was approved by the IESO
 - Expected completion date of the program
 - Expected kWh and kW savings (net)
 - Delivery agent for the program savings (e.g. LDC or IESO led)
 - Approval date of an IESO incentive
- b) Please confirm whether any savings from the Post P&C Report were estimated using assumptions that were not previously provided in the IESO reports.
 - i. If yes, please identify the project(s) and describe the methodology and assumptions used to estimate savings for each applicable project.
- c) If supplemental reports cannot be provided in support of any project(s) identified above, please identify the project(s) and discuss the accuracy level of the savings estimates.
- d) Please confirm that all programs listed from the Post P&C Reports relate to the former CFF. If not, please identify the program(s) that are not part of the CFF.
- e) For each program listed in the table above, please provide a detailed discussion of why the savings were not included in the P&C Report but should be considered eligible for lost revenue recovery.

- f) For each of the non-residential programs listed above, please provide a discussion of how the 2018 demand savings were calculated from savings included in the Post P&C Report.**

Response:

1

- 2 a) to f) Please see Alectra Utilities' response to PRZ-Staff-43.

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**References: LRAMVA workform (Attachment 38), Tabs 5 and 8 (Street Lighting Savings) Application, Exhibit 3, Tab 1, Schedule 10, p. 4 of 17
Participation & Cost (P&C) Report – Alectra Utilities (Attachment 40)**

It is unclear whether all prior years' energy savings from street lighting projects in the Enersource RZ (2013, 2016) were deducted from the retrofit program.

- a) Please provide the details in the table below, and modify the inputs in the table as applicable to the specific rate zone:

Enersource Rate Zone

CFF related savings	ERZ Savings (LRAMVA Workform)	Savings from 2015 Persistence Report (IESO)	Savings from 2017 Results Report (IESO)
2013 Save on Energy Retrofit (kWh)		X kWh	
% Allocation of Total Retrofit Savings (2013) - ERZ	%	100%	
2013 Save on Energy Retrofit (kWh) - ERZ	X kWh		
Street light Savings (kWh deduction)	X kWh		
2016 Save on Energy Retrofit (kWh)			X kWh
% Allocation of Total Retrofit Savings (2016) - ERZ	%		100%
2016 Save on Energy Retrofit (kWh) - ERZ	X kWh		
Street light Savings (kWh deduction)	X kWh		

Response:

- 1 a) Alectra Utilities confirms that all prior years' energy savings from streetlight projects were
- 2 deducted from the retrofit program. Table 1 below, provides the details of Alectra Utilities'
- 3 energy savings for the street lighting and retrofit programs in the Enersource Rate Zone.

1 **Table 1 – Enersource Rate Zone Retrofit and Streetlight Energy Savings**

CFF related savings	ERZ Savings (LRAMVA Workform)	Savings from 2011-2014 Persistence Report (IESO)	Savings from 2016 Results Report (IESO)	Savings from 2017 Results Report (IESO)
2013 Save on Energy Retrofit (kWh)		32,494,689 kWh		
% Allocation of Total Retrofit Savings (2013) - ERZ	%	100%		
2013 Save on Energy Retrofit (kWh) - ERZ	27,383,925 kWh	32,494,689 kWh		
Street light Savings (kWh deduction)	5,110,764 kWh			
2016 Save on Energy Retrofit (including P4P) (kWh)			45,060,103 kWh	36,450,274 kWh
% Allocation of Total Retrofit Savings (2016) - ERZ	%		100%	54%
2016 Save on Energy Retrofit (including P4P) (kWh) - ERZ	51,435,590 kWh		45,060,103 kWh	19,753,935 kWh
Street light Savings (kWh deduction)	13,378,448 kWh			

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Reference: LRAMVA workform (Attachment 38), Tab 1/ Tab 1-a (Updates)

- a) If Alectra Utilities made any changes to the LRAMVA workform as a result of its responses to the above LRAMVA interrogatories, please file an updated LRAMVA workform, and confirm the LRAMVA balance requested for disposition, the disposition period and the revised rate riders.**
- b) Please record any changes to the LRAMVA workform in response to these LRAMVA interrogatories in “Table A-2. Updates to LRAMVA Disposition (Tab 1-a)”.**

Response:

- 1 a) and b) Alectra Utilities has not made any changes to the LRAMVA workform for the
- 2 Enersource RZ as a result of its responses to LRAMVA interrogatories.

HRZ-Staff-34

Reference: HRZ GA Analysis Workform, Principal Adjustments tab

Under Note 8 of the GA Analysis Workform, Alectra Utilities included a current year principal adjustment related to CT-148 true-up of GA charges for Account 1589 in both 2018 and 2019:

Year	Adjustment Description	Amount	Year Recorded in GL
2018	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	(1,956,654)	2019
2019	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	(841,592)	2020

However, there were no corresponding principal adjustments for Account 1588, although there was an adjustment for CT-1142 true-up in 2018:

Year	Adjustment Description	Amount	Year Recorded in GL
2018	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual RPP volumes		
	2 CT 1142 true-up based on actuals	893,336	2019
2019	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual RPP volumes		
	2 CT 1142 true-up based on actuals		

- a) Please confirm whether the “CT-148 true-up of GA charges based on actual RPP volumes” for Account 1588 has been included with the \$893,336 adjustment for “CT-1142 true-up based on actuals” in 2018.
- b) If yes to a), please provide a breakdown of the adjustment between:
 - i. CT-148 true-up of GA charges based on actual RPP volumes
 - ii. CT-1142 true-up based on actuals
- c) If no to a), please explain why there is no corresponding principal adjustment for CT-148 true-up of GA charges for Account 1588 in 2018.
- d) Please explain why there were no principal adjustments for either “CT-148 true-up of GA charges based on actual RPP volumes” OR “CT-1142 true-up based on actuals” for Account 1588 in 2019.

Response:

- 1 a) Alectra Utilities confirms that the “CT-148 true-up of GA charges based on actual RPP
- 2 volumes” for Account 1588 includes the \$893,336 adjustment for “CT-1142 true-up based on
- 3 actuals” in 2018.
- 4

- b) Table 1 below provides a breakdown of the adjustment between CT-148 true-up of GA charges based on actual RPP volumes and CT-1142 true-up based on actuals in both 2018 and 2019.

Table 1 – Account 1588 Principal Adjustment Breakdown

True-Up Year	GL Year	Total Principal Adjustment for Account 1588	CT-1142 True-up Based on Actuals	CT-148 True-up of GA based on Actual RPP Volume
2018	2019	893,336	(1,063,318)	1,956,654
2019	2020	635,574	(206,018)	841,592

- c) Please see Alectra Utilities' response to part b).

- d) Alectra Utilities has updated the GA Analysis Workform for the Horizon Utilities RZ to include principal adjustments to Account 1588 in 2019 as follows:

- "CT-148 true-up of GA charges based on actual RPP volumes" has been updated with an adjustment of \$841,592; and
- "CT-1142 true-up based on actuals" has been updated with an adjustment of (\$206,019).

Alectra Utilities has filed an updated GA Analysis Workform as HRZ-Staff-34_Attach 1 GA Analysis Workform.

HRZ-Staff-34

Attachment 1 – GA Analysis Workform



GA Analysis Workform

Version 1.9

Account 1589 Global Adjustment (GA) Analysis Workform

Input cells
Drop down cells

Utility Name ALECTRA UTILITIES CORPORATION - HORIZON UTILITIES RATE ZONE

Note 1

For Account 1589,

- a) If the account was last approved on a final basis, select the year that the balance was last approved on a final basis.
- b) If the account was last approved on an interim basis, and
- i) there are no changes to the previously approved interim balances, select the year that the balances were last approved for disposition on an interim basis. OR
 - ii) there are changes to the previously approved interim balances, select the year that the balances were last approved for disposition on a final basis. An explanation should be provided to explain the reason for the change in the previously approved interim balances.

(e.g. If 2017 balances reviewed in the 2019 rate application were to be selected, select 2017)

2017

Instructions:

1) Determine which scenario above applies (a, bi or bii). Select the appropriate year to generate the GA Analysis Workform tabs and the Principal Adjustments tab.

For example:

- Scenario a - If 2018 balances were last approved on a final basis - Select 2018 and a GA Analysis Workform for 2019 will be generated.
- Scenario bi - If 2018 balances were last approved on an interim basis and there are no changes to 2018 balances - Select 2018 and a GA Analysis Workform for 2019 will be generated.
- Scenario bii - If 2018 balances were last approved on an interim basis, there are changes to 2018 balances, and 2017 balances were last approved for disposition - Select 2017 and GA Analysis Workforms for 2018 and 2019 will be generated.

2) Complete the GA Analysis Workform for each year generated.

3) Complete the Principal Adjustments tab. Note that the number of years that require principal adjustment reconciliations are all shown in one Principal Adjustments tab, depending on the year selected on the Information Sheet.

See the separate document GA Analysis Workform Instructions for detailed instructions on how to complete the Workform and examples of reconciling items.

Year	Annual Net Change in Expected GA Balance from GA Analysis	Net Change in Principal Balance in the GL	Reconciling Items	Adjusted Net Change in Principal Balance in the GL	Unresolved Difference	\$ Consumption at Actual Rate Paid	Unresolved Difference as % of Expected GA Payments to IESO
2018	\$ (3,256,262)	\$ (4,015,065)	\$ (4,612,736)	\$ (4,313,900)	\$ (1,057,638)	\$ 127,570,948	-0.8%
2019	\$ 462,116	\$ 9,552,315	\$ (8,825,758)	\$ -	\$ (462,116)	\$ 139,127,728	-0.3%
Cumulative Balance	\$ (2,794,146)	\$ 5,537,251	\$ (13,438,494)	\$ (4,313,900)	\$ (1,519,754)	\$ 266,698,676	N/A



Ontario Energy Board

GA Analysis Workform

Note 2 **Consumption Data Excluding for Loss Factor (Data to agree with RRR as applicable)**

Year		2018		
Total Metered excluding WMP	C = A+B	4,621,984,752	kWh	100%
RPP	A	2,286,966,814	kWh	49.5%
Non RPP	B = D+E	2,335,017,938	kWh	50.5%
Non-RPP Class A	D	991,491,284	kWh	21.5%
Non-RPP Class B*	E	1,343,526,654	kWh	29.1%

*Non-RPP Class B consumption reported in this table is not expected to directly agree with the Non-RPP Class B Including Loss Adjusted Billed Consumption in the GA Analysis of Expected Balance table below.
The difference should be equal to the loss factor.

Note 3 **GA Billing Rate**

GA is billed on the

1st Estimate

Please confirm that the same GA rate is used to bill all customer classes. If not, please provide further details

Yes

Please confirm that the GA Rate used for unbilled revenue is the same as the one used for billed revenue in any particular month

Yes

Note 4 **Analysis of Expected GA Amount**

Year	2018								
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	H	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	122,524,832	134,432,429	139,058,700	127,151,103	0.08777	\$ 11,160,052	0.06736	\$ 8,564,898	\$ (2,595,154)
February	121,575,529	139,058,700	125,654,664	108,171,493	0.07333	\$ 7,932,216	0.08167	\$ 8,834,366	\$ 902,150
March	119,222,936	125,654,664	127,067,190	120,635,462	0.07877	\$ 9,502,455	0.09481	\$ 11,437,448	\$ 1,934,993
April	111,956,186	127,067,190	120,297,518	105,186,513	0.09810	\$ 10,318,797	0.09959	\$ 10,475,525	\$ 156,728
May	119,429,709	120,297,518	109,152,491	108,284,682	0.09392	\$ 10,170,097	0.10793	\$ 11,687,166	\$ 1,517,068
June	111,965,341	109,152,491	133,639,854	136,452,705	0.13336	\$ 18,197,333	0.11896	\$ 16,232,414	\$ (1,964,919)
July	114,640,255	133,639,854	154,328,227	135,328,628	0.08502	\$ 11,505,640	0.07737	\$ 10,470,376	\$ (1,035,264)
August	131,681,402	154,328,227	145,242,397	122,595,571	0.07790	\$ 9,550,195	0.07490	\$ 9,182,408	\$ (367,787)
September	121,103,376	145,242,397	135,368,396	111,229,375	0.08424	\$ 9,369,963	0.08584	\$ 9,547,930	\$ 177,967
October	118,309,121	135,368,396	108,696,426	91,637,151	0.08921	\$ 8,174,950	0.12059	\$ 11,050,524	\$ 2,875,574
November	112,815,085	108,696,426	119,055,548	123,174,207	0.12235	\$ 15,070,364	0.09855	\$ 12,138,818	\$ (2,931,546)
December	103,248,819	119,055,548	123,168,633	107,361,905	0.09198	\$ 9,875,148	0.07404	\$ 7,949,075	\$ (1,926,073)
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	1,408,472,591	1,551,993,840	1,540,730,045	1,397,208,796		\$ 130,827,210		\$ 127,570,948	\$ (3,256,262)

Calculated Loss Factor 1.0400

Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW 1.0379
Difference 0.0021

a) Please provide an explanation in the textbox below if columns G and H are not used in the table above.

b) Please provide an explanation in the textbox below if the difference in loss factor is greater than 1%

Note 5 **Reconciling Items**

	Item	Amount	Explanation	Principal Adjustment on DVA Continuity Schedule	Principal Adjustments
	Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$ (4,015,065)			If "no", please provide an explanation
	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year	\$ 1,842,135	\$1,842k related to prior year but included in the GL in the current year, therefore, should record DR in current year	Yes	
1a	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year	\$ (1,956,654)	\$1,957k relates to current year but recorded in the GL in the following year, therefore, should record the CR in current year	Yes	
1b					
2a	Remove prior year end unbilled to actual revenue differences	\$ (1,005,879)	\$1,006k relates to current year but recorded in the GL in the following year, therefore, should record the CR in current year	Yes	
2b	Add current year end unbilled to actual revenue differences	\$ 821,562	\$822k relates to current year but recorded in the GL in the following year, therefore, should record the DR in current year	Yes	
	Remove difference between prior year accrual/forecast to actual from long term load transfers				
3a					
	Add difference between current year accrual/forecast to actual from long term load transfers				
3b					
4	Remove GA balances pertaining to Class A customers				
	Significant prior period billing adjustments recorded in current year				
5					
	Differences in GA IESO posted rate and rate charged on IESO invoice				
6					
	Differences in actual system losses and billed TLFs				
7					
	Others as justified by distributor				
8					
9					
10					

Note 6	Adjusted Net Change in Principal Balance in the GL	\$ (4,313,900)
	Net Change in Expected GA Balance in the Year Per Analysis	\$ (3,256,262)
	Unresolved Difference	\$ (1,057,638)
	Unresolved Difference as % of Expected GA Payments to IESO	<u>-0.8%</u>



Ontario Energy Board

GA Analysis Workform

Note 2 **Consumption Data Excluding for Loss Factor (Data to agree with RRR as applicable)**

Year		2019		
Total Metered excluding WMP	C = A+B	4,504,881,989	kWh	100%
RPP	A	2,220,711,068	kWh	49.3%
Non RPP	B = D+E	2,284,170,921	kWh	50.7%
Non-RPP Class A	D	1,007,743,377	kWh	22.4%
Non-RPP Class B*	E	1,276,427,544	kWh	28.3%

*Non-RPP Class B consumption reported in this table is not expected to directly agree with the Non-RPP Class B Including Loss Adjusted Billed Consumption in the GA Analysis of Expected Balance table below.
The difference should be equal to the loss factor.

Note 3 **GA Billing Rate**

GA is billed on the

1st Estimate

Please confirm that the same GA rate is used to bill all customer classes. If not, please provide further details

Yes

Please confirm that the GA Rate used for unbilled revenue is the same as the one used for billed revenue in any particular month

Yes

Note 4 **Analysis of Expected GA Amount**

Year	2019								
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	H	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	114,236,665	123,168,633	127,923,135	118,991,166	0.06741	\$ 8,021,195	0.08092	\$ 9,628,765	\$ 1,607,571
February	127,720,912	127,923,135	104,074,789	103,872,566	0.09657	\$ 10,030,974	0.08812	\$ 9,153,250	\$ (877,723)
March	112,747,342	104,074,789	190,941,673	199,614,226	0.08105	\$ 16,178,733	0.08041	\$ 16,050,980	\$ (127,753)
April	122,679,803	190,941,673	178,886,241	110,624,370	0.08129	\$ 8,992,655	0.12333	\$ 13,643,304	\$ 4,650,649
May	108,857,673	178,886,241	143,965,739	73,937,172	0.12860	\$ 9,508,320	0.12604	\$ 9,319,041	\$ (189,279)
June	94,361,829	143,965,739	154,038,265	104,434,356	0.12444	\$ 12,995,811	0.13728	\$ 14,336,748	\$ 1,340,937
July	114,056,342	154,038,265	198,605,853	158,623,930	0.13527	\$ 21,457,059	0.09645	\$ 15,299,278	\$ (6,157,781)
August	123,298,252	198,605,853	158,384,594	83,076,993	0.07211	\$ 5,990,682	0.12607	\$ 10,473,517	\$ 4,482,835
September	117,494,096	158,384,594	104,999,380	64,108,882	0.12934	\$ 8,291,843	0.12263	\$ 7,861,672	\$ (430,171)
October	105,549,557	104,999,380	84,192,936	84,743,112	0.17878	\$ 15,150,374	0.13680	\$ 11,592,858	\$ (3,557,516)
November	92,889,860	84,192,936	120,402,116	129,099,041	0.10727	\$ 13,848,454	0.09953	\$ 12,849,228	\$ (999,227)
December	102,176,318	120,402,116	113,913,890	95,688,091	0.08569	\$ 8,199,512	0.09321	\$ 8,919,087	\$ 719,574
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	1,336,068,649	1,689,583,355	1,680,328,612	1,326,813,905		\$ 138,665,612		\$ 139,127,728	\$ 462,116

Calculated Loss Factor 1.0395
Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW 1.0379
Difference 0.0016

a) Please provide an explanation in the textbox below if columns G and H are not used in the table above.

b) Please provide an explanation in the textbox below if the difference in loss factor is greater than 1%

Note 5 **Reconciling Items**

	Item	Amount	Explanation	Principal Adjustments	
	Net Change in Principal Balance in the GL (i.e. Transactions in the Year)			Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation
	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year	\$ 9,552,315	CR \$1,957k related to prior year but included in the GL in the current year, therefore, should record DR in current year	Yes	
1a	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year	\$ 1,956,654	CR \$842k relates to current year but recorded in the GL in the following year, therefore, should record the CR in current year	Yes	
1b	Remove prior year end unbilled to actual revenue differences	\$ (841,592)	DR \$822k related to prior year but included in the GL in the current year, therefore, should record CR in current year	Yes	
2a	Add current year end unbilled to actual revenue differences	\$ (821,562)	CR \$567k relates to current year but recorded in the GL in the following year, therefore, should record the CR in current year	Yes	
2b	Remove difference between prior year accrual/unbilled to actual from load transfers	\$ (566,756)		Yes	
3a	Add difference between current year accrual/unbilled to actual from load transfers				
3b	Significant prior period billing adjustments recorded in current year				
3	Differences in actual system losses and billed TLFs	\$ (7,988,841)	(7,989K) relating to 2010 to 2018 Microfit GA adjustment paid to IESO in 2019. This is not a principal adjustment.	No	Has been recorded in current year GL.
4	CT 2148 for prior period corrections				
5	Others as justified by distributor				
6	Adjustment to reallocate amount from Account 1589 to Account 1588	\$ (563,661)	(564K) relating to RPP GA adjustment to be reallocated to Account 1588	Yes	
7					
8					
9					
10					

Note 6	Adjusted Net Change in Principal Balance in the GL	\$ 726,557
	Net Change in Expected GA Balance in the Year Per Analysis	\$ 462,116
	Unresolved Difference	\$ 264,441
	Unresolved Difference as % of Expected GA Payments to IESO	0.2%

GA Analysis Workform - Account 1588 and 1589 Principal Adjustment Reconciliation

Note 7 **Breakdown of principal adjustments included in last approved balance:**

Account 1589 - RSVA Global Adjustment			
Adjustment Description	Amount	To be reversed in current application?	Explanation if not to be reversed in current application
1 Remove impacts to GA from prior year RPP Settlement true up process	1,808,419	No	Prior year related
2 Add impacts to GA from current year RPP Settlement true up process that	(1,842,135)	Yes	
3 Add current unbilled to actual differences	1,005,879	Yes	
4			
5			
6			
7			
8			
Total	972,163		
Total principal adjustments included in last approved balance	972,163		
Difference	0		

Account 1588 - RSVA Power			
Adjustment Description	Amount	To be Reversed in Current Application?	Explanation if not to be reversed in current application
1 Reversal of CT 1142 true-up from the previous year	(819,534)	No	Prior Year Related
2 CT 1142 true-up based on actuals	587,573	Yes	
3			
4			
5			
6			
7			
8			
Total	(231,961)		
Total principal adjustments included in last approved balance	(231,961)		
Difference	(0)		

Note 8 **Principal adjustment reconciliation in current application**

Notes

- 1) The "Transaction" column in the DVA Continuity Schedule is to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule)
- 2) Any principal adjustments needed to adjust the transactions in the general ledger to the amount that should be requested for disposition should be shown separately in the "Principal Adjustments" column of the DVA Continuity Schedule
- 3) The "Variance RRR vs. 2019 Balance" column should equal principal adjustments made in the current disposition period. It should not be impacted by reversals from prior year approved principal adjustments.

Complete the table below for the current disposition period. Complete a table for each year included in the balance under review in this rate application. The number of tables to be completed is automatically generated based on data provided in the Information Sheet

Account 1589 - RSVA Global Adjustment			
Year	Adjustment Description	Amount	Year Recorded in GL
2018	Reversals of prior approved principal adjustments (auto-populated from table above)		
	1		
	2 Add impacts to GA from current year RPP Settlement true up process that	1,842,134.75	2018
	3 Add current unbilled to actual differences	(1,005,879.00)	2018
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	836,256	
2018	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	(1,956,654)	2019
	2 Unbilled to actual revenue differences	821,562	2019
	3		
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	(1,135,092)	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	(298,836)	

Account 1588 - RSVA Power			
Year	Adjustment Description	Amount	Year Recorded in GL
2018	Reversals of prior approved principal adjustments (auto-populated from table above)		
	1		
	2 CT 1142 true-up based on actuals	(587,572.55)	2018
	3		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	(587,573)	
2018	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual RPP volumes		
	2 CT 1142 true-up based on actuals	893,336	2019
	3 Unbilled to actual revenue differences	8,484	2019
	4 Reclass to 1533		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	901,820	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	314,247	

Account 1589 - RSVA Global Adjustment			
Year	Adjustment Description	Amount	Year Recorded in GL
2019	Reversals of prior year principal adjustments		
	1 Reversal of prior year CT-148 true-up of GA Charges based on actual Non-RPP volumes	1,956,654	2019
	2 Reversal of Unbilled to actual revenue differences	(821,562)	2019
	3		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	1,135,092	
2019	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	(841,592)	2020
	2 Unbilled to actual revenue differences	(566,756)	2020
	3 Reallocation from Account 1589 to 1588	(563,661)	2020
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	(1,972,009)	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	(836,918)	

Account 1588 - RSVA Power			
Year	Adjustment Description	Amount	Year Recorded in GL
2019	Reversals of prior year principal adjustments		
	1 Reversal of CT 148 true-up of GA Charges based on actual RPP volumes	(1,956,654)	2019
	2 Reversal of CT 1142 true-up based on actuals	1,063,318	2019
	3 Reversal of Unbilled to actual revenue differences		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	(893,336)	
2019	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual RPP volumes	841,592	2020
	2 CT 1142 true-up based on actuals	(206,019)	2020
	3 Unbilled to actual revenue differences		
	4 Reallocation from Account 1589 to 1588	563,661	2020
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	1,199,234	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	305,898	

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**References: Exhibit 3, Tab 1, Schedule 8 – Adjustments to Deferral and Variance Accounts
HRZ GA Analysis Workform, GA 2019 tab**

In Exhibit 3, Tab 1, Schedule 8 – Adjustments to Deferral and Variance Accounts for Horizon RZ, Alectra noted the following:

17 Alectra Utilities identified an omission relating to the Horizon Utilities Rate Zone in reporting
18 embedded generation energy kWh's produced from FIT and MicroFIT generators. The omission,
19 which was the result of a spreadsheet error, likely occurred in 2010 and affected Form 1598
20 submissions to the IESO and the associated settlements from that time until the error was
21 identified in 2019. Alectra Utilities has corrected the error, immediately notified the IESO and
22 remitted an amount of \$8.1MM to the IESO.

23 Alectra Utilities submitted an adjustment for this omission in the July 2019 Form 1598 submission
24 to the IESO. This amount was settled in the July 2019 IESO invoice, and is included in Alectra
25 Utilities' Group 1 balance for the Horizon Utilities RZ.

Under Note 5 – Reconciling Items of the GA Analysis Workform, GA 2019 tab, Alectra Utilities included the following item:

3	Significant prior period billing adjustments recorded in current year	\$(7,988,841)	(7,989K) relating to 2010 to 2018 Microfit GA adjustment paid to IESO in 2019. This is not a principal adjustment.
----------	------------------------------------------------------------------------------	----------------------	---------------------------------------------------------------------------------------------------------------------------

- a) Please confirm the adjustment amount recorded in the GL in 2019 - \$8.1MM or \$7,988,841 – and which accounts were impacted.
- b) Please provide supporting calculation of the adjustment amount.
- c) Given that settlements of FIT and microFIT with the IESO should have been recorded in Account 1588, please explain why the \$(7,988,841) adjustment was recorded in Account 1589. Please clarify if any adjustments were also made to Account 1588 as a result of the error identified.

Response:

- 1 a) Alectra Utilities confirms that an adjustment of \$8.1MM was recorded in the General Ledger.
- 2 Table 1, below provides the adjustments by Charge Type ("CT").

Table 1 – Embedded Generation (FIT/MicroFit) Adjustment by CT (\$000s)

CT and Description	Actual	Account
1351 - CBR for Class B Loads	27	1580
2148 - Class B GA PP Corrections	7,989	1589
9990 - IESO Administration Charge	94	1580
Total IESO Charges	8,109	

b) Alectra Utilities submitted the revised embedded generation energy kWh produced from FIT and MicroFIT generators in its July 2019 submission of the Embedded Generation, Energy Storage and Class A Load Information to the IESO. The revision was related to FIT and MicorFIT generation from 2011 to 2018 that was previously omitted from Embedded Generation Energy Storage and Class A Load Information reporting to IESO. The IESO used this information to calculate the adjustment by CT, by comparing the original Embedded Generation and Class A quantities with the revised quantities reported in the July 2019 submission.

The IESO's calculation of the adjustment is provided as HRZ-Staff-35_Attachment 1. Please refer to Tab "GA (CT1248)", cell AA100, for the adjustment of \$8.0MM to CT 2148; Tab "IESO Admin Fee (CT 9990)", cell S101, for the adjustment of \$0.09MM to CT 9990; and Tab "CBDR (CT 1351)", cell AA100, for the adjustment of \$0.03MM to CT 1351.

c) The \$8.0MM adjustment to CT 2148 is related to the Class B GA charge owed to IESO due to the FIT and MicroFIT generation load omission in the IESO Embedded Generation, Energy Storage, and Class A Load Information form. The omission resulted in the under-statement of Class B load for Alectra Utilities, and correspondingly, the Class B GA charge.

From 2011 to 2018, Alectra Utilities' predecessor, Horizon Utilities settled the RPP True up with IESO through Form 1598 based on the actual RPP billed quantities. As a result, the RPP energy and GA revenue and cost was trued up to the actual and was recorded in Account 1588. Alectra Utilities confirms that no adjustments were made to Account 1588 as a result of the omission, and the \$8.0MM adjustment was accurately recorded in Account 1589.

1 Further, Alectra Utilities confirms that Horizon Utilities' settlements of FIT and MicroFIT with
2 the IESO through the Feed-In Tariff Program - LDC & Embedded LDC Form for the period
3 from 2011 to 2018 were accurate, and the resulting settlement amounts were accurately
4 reported in Account 1588.

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Attachment 1 – EG Adjustment Calculation

Post Final Submissions	

Entity Name	Organization ID	Submission Type	Adjustment Year	Adjustment Month	Emitted Gas (kg)	Class 1 and 2 CO ₂ e
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2011	1	3,988.218	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2011	2	1,542.843	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2011	3	7,715.062	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2011	4	2,569.693	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2011	5	3,006.481	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2011	6	3,845.933	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2011	7	5,597.758	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2011	8	3,831.807	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2011	9	8,919.034	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2011	10	10,281.654	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2011	11	1,873.892	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2011	12	3,701.097	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2012	1	1,111.599	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2012	2	3,874.817	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2012	3	3,717.003	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2012	4	10,478.810	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2012	5	3,348.486	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2012	6	7,100.153	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2012	7	8,207.472	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2012	8	6,584.026	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2012	9	2,600.544	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2012	10	11,674.862	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2012	11	2,798.544	0
Embedded Generalist	102-084	A/E/P/F/T/T/I/T/T/E/A/J	2012	12	1,578.346	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2013	1	5,099.693	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2013	2	3,838.803	0
Embedded Generalist	102-084	A/E/P/F/T/T/I/T/T/E/A/J	2013	3	4,615.655	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2013	4	5,655.513	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2013	5	7,714.008	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2013	6	2,655.258	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2013	7	7,714.008	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2013	8	2,655.258	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2013	9	7,488.197	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2013	10	2,012.916	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2013	11	3,488.534	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2013	12	1,468.523	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2014	1	3,488.534	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2014	2	1,468.523	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2014	3	7,771.155	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2014	4	2,771.155	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2014	5	2,771.155	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2014	6	5,787.830	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2014	7	1,441.546	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2014	8	1,441.546	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2014	9	10,117.288	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2014	10	2,101.058	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2014	11	10,302.803	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2014	12	3,330.443	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2015	1	5,848.093	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2015	2	2,033.998	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2015	3	4,888.901	0
Embedded Generalist	102-084	A/E/P/F/T/T/I/T/T/E/A/J	2015	4	1,564.268	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2015	5	3,394.789	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2015	6	899.892	0
Embedded Generalist	102-084	A/E/P/F/T/T/I/T/T/E/A/J	2015	7	9,787.387	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2015	8	1,188.613	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2015	9	1,188.613	0
Embedded Generalist	102-084	A/E/P/F/T/T/I/T/T/E/A/J	2015	10	11,389.225	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2015	11	2,241.773	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2015	12	3,899.421	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2016	1	8,211.773	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2016	2	2,568.305	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2016	3	2,568.305	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2016	4	10,817.602	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2016	5	1,893.713	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2016	6	10,435.238	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2016	7	9,848.228	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2016	8	11,980.911	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2016	9	1,683.448	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2016	10	1,683.448	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2016	11	11,888.811	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2016	12	5,637.448	0
Embedded Generalist	102-082	A/E/C/R/T/U/L/T/I/T/E/A/J	2016	12	1,318.650	0
Embedded Generalist	102-082	A/E/C/R/T/U/L/T/I/T/E/A/J	2017	1	4,162.850	0
Embedded Generalist	102-082	A/E/C/R/T/U/L/T/I/T/E/A/J	2017	2	2,534.846	0
Embedded Generalist	102-082	A/E/C/R/T/U/L/T/I/T/E/A/J	2017	3	1,649.871	0
Embedded Generalist	102-082	A/E/C/R/T/U/L/T/I/T/E/A/J	2017	4	4,604.203	0
Embedded Generalist	102-082	A/E/C/R/T/U/L/T/I/T/E/A/J	2017	5	3,837.478	0
Embedded Generalist	102-082	A/E/P/F/T/T/I/T/T/E/A/J	2017	6	8,434.332	0
Embedded Generalist	102-082	A/E/C/R/T/U/L/T/I/T/E/A/J	2017	7	3,712.228	0
Embedded Generalist	102-082	A/E/C/R/T/U/L/T/I/T/E/A/J	2017	8	3,984.650	0
Embedded Generalist	102-082	A/E/P/F/T/T/I/T/T/E/A/J	2017	9	5,964.979	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2017	10	10,378.695	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2017	11	2,048.525	0
Embedded Generalist	102-084	A/E/P/F/T/T/I/T/T/E/A/J	2017	12	4,342.246	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2018	1	2,482.493	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2018	2	2,408.372	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2018	3	4,724.770	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2018	4	2,408.372	0
Embedded Generalist	102-084	A/E/P/F/T/T/I/T/T/E/A/J	2018	5	10,241.963	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2018	6	1,071.994	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2018	7	1,044.379	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2018	8	2,986.813	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2018	9	1,981.013	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2018	10	2,986.813	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2018	11	2,986.813	0
Embedded Generalist	102-084	A/E/C/R/T/U/L/T/I/T/E/A/J	2018	12	7,752.814	0

Original Submissions	
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Bus Assoc Id	Tag Id	Embed Gps Id	Class & Load Qty
10200001	2021-01-31	6,379,438	33,066,004
10200002	2021-02-01	3,904,603	31,461,833
10200003	2021-03-31	7,683,225	35,172,108
10200004	2021-04-30	5,760,780	36,768,038
10200005	2021-05-31	8,971,026	38,382,307
10200006	2021-06-30	7,762,892	39,222,440
10200007	2021-07-31	9,506,879	39,829,873
10200008	2021-08-31	8,558,148	40,600,893
10200009	2021-09-30	9,553,616	41,367,813
10200010	2021-10-31	7,700,077	42,140,833
10200011	2021-11-30	7,628,117	43,363,807
10200012	2021-12-31	8,138,846	44,148,816
10200013	2022-01-31	8,006,512	44,949,842
10200014	2022-02-29	8,088,517	45,746,862
10200015	2022-03-31	8,138,846	46,543,882
10200016	2022-04-30	8,239,096	47,340,899
10200017	2022-05-31	8,545,132	48,145,912
10200018	2022-06-30	9,103,492	48,946,931
10200019	2022-07-31	9,113,863	49,747,950
10200020	2022-08-31	9,858,112	50,548,969
10200021	2022-09-30	9,842,148	51,350,000
10200022	2022-10-31	8,434,831	52,151,021
10200023	2022-11-30	8,434,831	52,952,042
10200024	2022-12-31	8,634,842	53,753,063
10200025	2023-01-31	8,635,138	54,554,084
10200026	2023-02-29	9,566,804	55,355,105
10200027	2023-03-31	9,567,100	56,156,126
10200028	2023-04-30	9,934,472	56,957,147
10200029	2023-05-31	9,934,472	57,758,168
10200030	2023-06-30	9,934,472	58,559,189
10200031	2023-07-31	9,934,472	59,360,210
10200032	2023-08-31	9,934,472	60,161,231
10200033	2023-09-30	9,934,472	60,962,252
10200034	2023-10-31	9,934,472	61,763,273
10200035	2023-11-30	9,934,472	62,564,294
10200036	2023-12-31	9,934,472	63,365,315
10200037	2024-01-31	9,934,472	64,166,336
10200038	2024-02-29	9,934,472	64,967,357
10200039	2024-03-31	9,934,472	65,768,378
10200040	2024-04-30	9,934,472	66,569,399
10200041	2024-05-31	9,934,472	67,370,420
10200042	2024-06-30	9,934,472	68,171,441
10200043	2024-07-31	9,934,472	68,972,462
10200044	2024-08-31	9,934,472	69,773,483
10200045	2024-09-30	9,934,472	70,574,504
10200046	2024-10-31	9,934,472	71,375,525
10200047	2024-11-30	9,934,472	72,176,546
10200048	2024-12-31	9,934,472	72,977,567
10200049	2025-01-31	9,934,472	73,778,588
10200050	2025-02-29	9,934,472	74,579,609
10200051	2025-03-31	9,934,472	75,380,630
10200052	2025-04-30	9,934,472	76,181,651
10200053	2025-05-31	9,934,472	76,982,672
10200054	2025-06-30	9,934,472	77,783,693
10200055	2025-07-31	9,934,472	78,584,714
10200056	2025-08-31	9,934,472	79,385,735
10200057	2025-09-30	9,934,472	80,186,756
10200058	2025-10-31	9,934,472	80,987,777
10200059	2025-11-30	9,934,472	81,788,798
10200060	2025-12-31	9,934,472	82,589,819
10200061	2026-01-31	9,934,472	83,390,840
10200062	2026-02-29	9,934,472	84,191,861
10200063	2026-03-31	9,934,472	84,992,882
10200064	2026-04-30	9,934,472	85,793,903
10200065	2026-05-31	9,934,472	86,594,924
10200			

	Original (MMT)	Revised (MMT)	Revised (MMT)	Original (MMT)	Revised (MMT)	Revised (MMT)
Jan-11	8,179,248	8,386,210	6,389,218			
Feb-11	8,130,685	8,347,652	6,342,663			
Mar-11	8,087,226	8,312,562	6,317,562			
Apr-11	8,020,780	8,275,112	6,280,112			
May-11	7,971,006	8,246,461	6,250,461			
Jun-11	7,920,780	8,215,211	6,220,211			
Jul-11	9,508,378	9,587,738	9,587,738			
Aug-11	9,488,248	9,568,208	9,568,208			
Sep-11	9,533,618	9,613,924	9,613,924			
Oct-11	9,573,927	9,653,927	9,653,927			
Nov-11	7,888,117	7,873,884	7,873,884			
Dec-11	10,388,548	10,353,765	10,353,765			
Jan-12	4,068,517	4,111,009	4,111,009			
Feb-12	3,468,483	3,477,975	3,477,975			
Mar-12	8,233,058	8,368,773	8,368,773			
Apr-12	8,564,272	8,677,001	8,677,001			
May-12	10,269,052	10,474,001	10,474,001			
Jun-12	9,131,803	9,131,803	9,131,803			
Jul-12	9,888,112	10,193,783	10,193,783			
Aug-12	9,848,248	10,154,924	10,154,924			
Sep-12	8,434,831	8,658,928	8,658,928			
Oct-12	6,848,248	7,063,927	7,063,927			
Nov-12	6,634,642	6,874,888	6,874,888			
Dec-12	7,686,396	7,898,211	7,898,211			
Jan-13	5,568,864	5,724,546	5,724,546			
Feb-13	6,017,287	6,173,927	6,173,927			
Mar-13	8,159,478	8,328,862	8,328,862			
Apr-13	8,658,927	8,828,927	8,828,927			
May-13	9,033,827	9,203,531	9,203,531			
Jun-13	7,153,381	7,323,531	7,323,531			
Jul-13	7,762,786	7,848,098	7,848,098			
Aug-13	7,714,530	7,799,211	7,799,211			
Sep-13	8,828,224	8,888,187	8,888,187			
Oct-13	9,462,098	9,522,786	9,522,786			
Nov-13	9,154,068	9,188,533	9,188,533			
Dec-13	7,229,211	7,229,211	7,229,211			
Jan-14	6,187,465	6,488,521	6,488,521			
Feb-14	6,132,287	6,433,531	6,433,531			
Mar-14	7,069,263	7,271,158	7,271,158			
Apr-14	6,772,786	7,011,208	7,011,208			
May-14	6,866,565	7,273,833	7,273,833			
Jun-14	9,002,461	7,448,468	7,448,468			
Jul-14	8,958,798	7,431,814	7,431,814			
Aug-14	10,022,229	10,212,547	10,212,547			
Sep-14	9,516,565	11,488,531	11,488,531			
Oct-14	9,817,612	10,211,028	10,211,028			
Nov-14	8,845,502	9,188,533	9,188,533			
Dec-14	8,967,830	9,334,444	9,334,444			
Jan-15	8,967,830	9,334,444	9,334,444			
Feb-15	4,688,000	5,003,988	5,003,988			
Mar-15	8,877,880	9,188,533	9,188,533			
Apr-15	9,330,187	9,588,927	9,588,927			
May-15	9,728,211	11,488,531	11,488,531			
Jun-15	8,860,886	10,368,780	10,368,780			
Jul-15	8,159,927	9,812,531	9,812,531			
Aug-15	9,154,289	9,927,387	9,927,387			
Sep-15	9,123,927	10,022,229	10,022,229			
Oct-15	10,168,018	11,888,423	11,888,423			
Nov-15	9,386,188	10,211,028				
Dec-15	9,568,508	9,899,421	9,899,421			
Jan-16	4,111,486	5,229,538	5,229,538			
Feb-16	4,723,080	5,088,388	5,088,388			
Mar-16	7,033,811	7,188,533	7,188,533			
Apr-16	9,127,586	9,207,468	9,207,468			
May-16	9,900,898	10,022,229	10,022,229			
Jun-16	8,009,962	10,368,780	10,368,780			
Jul-16	8,300,761	10,211,028	10,211,028			
Aug-16	9,555,028	11,888,423	11,888,423			
Sep-16	9,804,682	10,211,028				
Oct-16	10,279,136	11,888,423	11,888,423			
Nov-16	9,457,152	10,211,028				
Dec-16	7,779,181	8,156,650	8,156,650			
Jan-17	5,278,274	5,278,274	5,278,274			
Feb-17	3,463,267	4,509,848	4,509,848			
Mar-17	6,438,680	6,438,680	6,438,680			
Apr-17	6,694,862	6,664,263	6,664,263			
May-17	6,474,450	6,474,450	6,474,450			
Jun-17	6,777,434	6,433,332	6,433,332			
Jul-17	7,174,862	6,433,332	6,433,332			
Aug-17	7,486,774	5,989,068	5,989,068			
Sep-17	7,269,148	5,989,068	5,989,068			
Oct-17	8,218,014	9,788,658	9,788,658			
Nov-17	6,133,865	6,133,865	6,133,865			
Dec-17	6,031,126	6,432,268	6,432,268			
Jan-18	5,969,989	5,969,989	5,969,989			
Feb-18	2,584,361	3,469,373	3,469,373			
Mar-18	5,989,068	5,989,068	5,989,068			
Apr-18	5,460,901	7,724,773	7,724,773			
May-18	6,732,461	6,732,461	6,732,461			
Jun-18	7,988,677	10,341,353	10,341,353			
Jul-18	7,888,117	10,211,028	10,211,028			
Aug-18	7,888,117	10,211,028	10,211,028			
Sep-18	8,208,492	11,084,273	11,084,273			
Oct-18	9,757,378	11,084,273	11,084,273			
Nov-18	7,764,544	11,084,273	11,084,273			
Dec-18	8,541,561	7,821,811	7,821,811			
Jan-19	6,546,369	7,152,848	7,152,848			

Adjustment C

		Revised Cost A	Revised Cost B	GA Adjustment
Jan-11	1,201,387.09	398,748.01	73,678.07	\$320.34
Feb-11	9,988.94	97,877.67	1,000,000.00	\$902.67
Mar-11	10,339,223.31	371,281.24	533,686.07	\$977.87
Apr-11	8,515.95	38,965.84	1,000,000.00	\$902.67
May-11	8,515,255.61	38,965.84	1,000,000.00	\$1,708.88
Jun-11	9,135,290.29	38,965.84	1,000,000.00	\$1,708.88
Jul-11	11,274,112.11	465,480.08	1,546,560.78	\$2,749.84
Aug-11	10,464,028.73	38,965.84	1,000,000.00	\$2,749.84
Sep-11	1,546,839.49	345,737.21	1,145,818.75	\$2,444.94
Oct-11	9,077,288.49	38,965.84	1,000,000.00	\$2,749.84
Nov-11	8,318,626.09	387,987.72	1,546,702.26	\$4,008.56
Dec-11	10,339,274.33	38,965.84	1,000,000.00	\$2,749.84
Jan-12	10,866,078.73	388,827.03	1,487,833.74	\$1,789.22
Feb-12	10,866,078.73	388,827.03	1,487,833.74	\$2,749.84
Mar-12	8,627,039.33	363,375.26	97,842.18	\$1,712.77
Apr-12	8,813,756.05	323,468.83	1,000,000.00	\$1,712.77
May-12	12,815,746.48	360,684.32	1,000,000.00	\$1,736.92
Jun-12	9,988,718.78	38,965.84	1,000,000.00	\$1,736.92
Jul-12	11,293,623.61	467,284.88	1,553,077.02	\$6,462.28
Aug-12	10,862,850.09	38,965.84	1,000,000.00	\$6,462.28
Sep-12	8,534,074.84	381,073.81	1,546,238.57	\$10,077.79
Oct-12	8,515,514.54	377,881.84	1,546,238.57	\$6,462.28
Nov-12	8,515,062.03	387,093.78	1,546,238.57	\$6,462.28
Dec-12	10,215,112.38	38,965.84	1,000,000.00	\$6,462.28
Jan-13	10,667,462.99	375,118.76	1,548,808.04	\$7,262.47
Feb-13	10,667,462.99	375,118.76	1,548,808.04	\$7,262.47
Mar-13	10,097,628.68	365,660.61	1,575,538.16	\$18,127.92
Apr-13	8,409,314.34	38,965.84	1,000,000.00	\$18,127.92
May-13	8,431,811.31	374,677.47	1,585,108.40	\$20,144.08
Jun-13	9,215,925.78	38,965.84	1,000,000.00	\$20,144.08
Jul-13	10,726,304.34	450,642.38	1,511,916.30	\$33,481.03
Aug-13	10,044,192.48	38,965.84	1,000,000.00	\$33,481.03
Sep-13	8,848,489.49	388,375.56	1,542,389.62	\$41,109.09
Oct-13	8,848,489.49	388,375.56	1,542,389.62	\$41,109.09
Nov-13	8,856,608.68	344,353.63	1,507,050.78	\$28,384.16
Dec-13	10,667,462.99	375,118.76	1,548,808.04	\$41,109.09
Jan-14	11,542,148.92	403,859.81	1,507,518.28	\$1,386.08
Feb-14	11,542,148.92	403,859.81	1,507,518.28	\$1,386.08
Mar-14	10,098,064.07	373,634.43	1,505,552.44	\$1,816.87
Apr-14	8,409,314.34	38,965.84	1,000,000.00	\$1,816.87
May-14	8,758,084.18	317,661.75	1,525,305.07	\$6,863.63
Jun-14	9,215,925.78	38,965.84	1,000,000.00	\$6,863.63
Jul-14	9,215,925.78	38,965.84	1,000,000.00	\$6,863.63
Aug-14	8,308,886.86	379,227.01	1,584,470.95	\$7,786.74
Sep-14	8,808,814.16	381,281.21	1,584,470.95	\$7,786.74
Oct-14	8,518,779.50	353,972.87	1,525,449.49	\$7,710.30
Nov-14	8,518,779.50	353,972.87	1,525,449.49	\$7,710.30
Dec-14	10,438,697.02	38,965.84	1,000,000.00	\$6,863.63
Jan-15	10,438,697.02	38,965.84	1,000,000.00	\$6,863.63
Feb-15	10,438,753.74	364,047.81	1,634,432.47	\$14,303.31
Mar-15	10,438,753.74	364,047.81	1,634,432.47	\$14,303.31
Apr-15	8,786,731.11	313,324.37	1,507,795.62	\$14,603.62
May-15	8,786,731.11	313,324.37	1,507,795.62	\$14,603.62
Jun-15	8,84			

Settlement Details	
Claim Type	Due Date

[illegible]

G		192.084	CNN	2013-08-31	1481	-21.341 670.891	8.953 459.731	589.287 794.36	315.226.92	8.033.84	0.13	-2.774 339.52
F	192.084	CNN	2013-08-31	1482	-14.896.451	8.947 214.42	589.287 794.36	315.226.92	8.033.84	0.13	-2.938.53	
G	192.084	CNN	2013-08-30	1483	-24.792.030.11	9.229.830.58	847.547 121.15	346.213.26	7.158.06	0.13	-3.222.863.91	
F	192.084	CNN	2013-08-30	1484	-3.559.029	9.229.830.58	847.547 121.15	346.213.26	7.158.06	0.13	-3.595.79	
G	192.084	CNN	2013-07-31	1485	-21.880.004.94	10.731.843.88	546.131.264.63	492.193.95	7.796.76	0.13	-2.844.400.64	
F	192.084	CNN	2013-07-31	1486	-2.803.80	10.731.843.88	546.131.264.63	492.193.95	7.796.76	0.13	-3.203.1	
G	192.084	CNN	2013-06-31	1487	-24.388.408.34	10.040.334.80	626.996.170.58	362.650.21	5.574.53	0.13	-3.187.803.08	
F	192.084	CNN	2013-06-31	1488	-36.01	10.040.334.80	626.996.170.58	362.650.21	5.574.53	0.13	-3.203.1	
G	192.084	CNN	2013-05-30	1489	-22.346.211.89	8.848.540.59	588.953.179.77	338.307.36	8.826.23	0.13	-2.906.007.52	
F	192.084	CNN	2013-05-30	1490	-2.305.29	8.847.222.88	588.953.179.77	338.307.36	8.826.23	0.13	-3.203.1	
G	192.084	CNN	2013-05-31	1491	-20.885.396.35	9.001.958.32	588.183.046.97	331.451.76	8.460.06	0.13	-2.715.101.58	
F	192.084	CNN	2013-05-31	1492	-535.13	9.001.977.89	588.183.046.97	331.451.76	8.460.06	0.13	-499.9	
G	192.084	CNN	2013-11-30	1493	-27.028.472.11	9.664.862.74	758.658.64.57	334.858.03	8.164.70	0.13	-3.513.101.33	
F	192.084	CNN	2013-11-30	1494	-7.096.51	9.659.885.12	758.658.64.57	334.858.03	8.164.70	0.13	-363.54	
G	192.084	CNN	2013-11-31	1495	-15.723.390.37	10.759.869.53	530.001.17.95	377.852.96	7.229.95	0.13	-2.434.040.71	
F	192.084	CNN	2013-11-31	1496	-70.802	10.759.869.53	530.001.17.95	377.852.96	7.229.95	0.13	-9.420	
G	192.084	CNN	2014-03-31	1497	-5.033.618.102	11.543.110.51	143.880.819.68	367.843.37	8.161.41	0.13	-654.375	
F	192.084	CNN	2014-03-31	1498	-541.102	11.541.869.80	143.880.819.68	367.843.37	8.161.41	0.13	-730.36	
G	192.084	CNN	2014-03-28	1499	-7.222.218.86	10.074.800.49	133.174.658.28	349.059.70	8.100.02	0.13	-613.873.81	
F	192.084	CNN	2014-03-28	1500	-841.94	10.076.006.81	133.174.658.28	349.059.70	8.100.02	0.13	-109.46	
G	192.084	CNN	2014-03-31	1501	-34.096.63	10.469.402.49	366.171.38	7.080.09	0.13	-4.149.01		
F	192.084	CNN	2014-03-31	1502	-24.449.74	10.089.305.00	1.686.518.17	366.171.38	7.080.09	0.13	-3.1.178.46	
G	192.084	CNN	2014-04-30	1503	-18.162.338.98	8.844.524.17	466.466.902.42	311.562.46	8.472.02	0.13	-3.170.530.02	
F	192.084	CNN	2014-04-30	1504	-6.484.28	8.847.889.63	466.466.902.42	311.562.46	8.472.02	0.13	-842.98	
G	192.084	CNN	2014-05-31	1505	-22.793.078.25	9.757.931.32	630.304.332.91	309.688.13	8.698.57	0.13	-3.061.800.17	
F	192.084	CNN	2014-05-31	1506	-375.40	9.757.887.02	630.304.332.91	309.688.13	8.698.57	0.13	-48.80	
G	192.084	CNN	2014-06-30	1507	-21.537.294.48	9.330.931.77	547.145.387.86	351.832.91	8.595.40	0.13	-2.790.648.38	
F	192.084	CNN	2014-06-30	1508	-841.777	9.330.883.18	547.145.387.86	351.832.91	8.595.40	0.13	-122.43	
G	192.084	CNN	2014-06-31	1509	-33.903.534.38	8.712.903.80	607.484.856.57	373.334.67	8.850.80	0.13	-3.337.492.14	
F	192.084	CNN	2014-06-31	1510	-394.07	9.712.793.69	607.484.856.57	373.334.67	8.850.80	0.13	-51.23	
G	192.084	CNN	2014-06-30	1511	-26.583.796.08	8.967.297.00	709.653.69.39	309.004.25	10.102.21	0.13	-3.333.303.54	
F	192.084	CNN	2014-06-30	1512	-545.52	8.964.846.24	709.653.69.39	309.004.25	10.102.21	0.13	-70.92	
G	192.084	CNN	2014-06-30	1513	-2.067.89	8.906.818.51	709.653.69.39	309.004.25	10.102.21	0.13	-287.48	
F	192.084	CNN	2014-05-31	1514	-32.987.353.45	8.816.156.09	699.892.148.92	313.761.87	8.457.81	0.13	-4.297.759.03	
G	192.084	CNN	2014-05-31	1515	-438.49	8.816.028.08	699.892.148.92	313.761.87	8.457.81	0.13	-56.00	
G	192.084	CNN	2014-11-30	1516	-28.187.720.23	9.507.443.31	786.773.70.14	333.695.88	8.645.50	0.13	-3.663.623.63	
F	192.084	CNN	2014-11-30	1517	-2.807.80	9.564.633.50	786.773.70.14	333.695.88	8.645.50	0.13	-310.41	
G	192.084	CNN	2014-12-31	1518	-29.989.895.21	10.244.869.88	762.048.86.62	353.716.42	8.987.64	0.13	-3.509.852.48	
F	192.084	CNN	2014-12-31	1519	-2.192.74	10.245.096.77	762.048.86.62	353.716.42	8.987.64	0.13	-265.1	
G	192.084	CNN	2015-01-31	1520	-18.779.438.05	11.204.955.84	567.900.78.74	360.375.58	8.882.22	0.13	-2.471.328.69	
F	192.084	CNN	2015-01-31	1521	-14.603.814.44	10.471.170.39	414.175.088.46	360.375.58	8.882.22	0.13	-1.874.205.68	
G	192.084	CNN	2015-02-28	1522	-1.700.41	10.472.605.71	414.175.100.10	350.373.48	8.880.00	0.13	-221.08	
F	192.084	CNN	2015-02-28	1523	-22.807.419.99	10.181.142.20	439.558.628.74	355.468.81	8.867.29	0.13	-2.064.064.62	
G	192.084	CNN	2015-03-31	1524	-2.159.96	10.187.769.31	439.558.628.60	355.468.81	8.867.29	0.13	-280.74	
F	192.084	CNN	2015-03-31	1525	-29.876.396.31	8.786.620.85	439.557.547.53	352.871.82	8.349.17	0.13	-3.878.401.82	
G	192.084	CNN	2015-04-30	1526	-2.462.49	8.784.293.78	439.558.234.04	350.811.82	8.349.17	0.13	-318.86	
F	192.084	CNN	2015-04-31	1527	-31.127.613.73	8.783.114.27	439.558.368.32	352.871.82	8.349.17	0.13	-3.926.21	
G	192.084	CNN	2015-05-31	1528	-15.781.76	8.778.786.44	449.136.888.29	373.874.76	8.728.21	0.13	-2.047.73	
F	192.084	CNN	2015-05-31	1529	-31.395.800.63	8.943.335.30	462.960.58.06	350.659.63	8.640.81	0.13	-3.081.428.63	
G	192.084	CNN	2015-06-30	1530	-3.546.08	8.942.903.21	462.958.400.60	350.659.63	8.640.81	0.13	-481.01	
F	192.084	CNN	2015-06-31	1531	-303.164.07	10.070.673.12	783.932.796.57	357.745.40	8.740.36	0.13	-4.001.473.52	
G	192.084	CNN	2015-07-31	1532	-37.383.40	10.056.423.40	779.862.315.90	381.745.40	8.740.36	0.13	-4.859.84	
F	192.084	CNN	2015-07-31	1533	-28.913.998.84	9.945.847.03	771.598.144.58	380.755.08	8.129.95	0.13	-3.936.751.84	
G	192.084	CNN	2015-08-31	1534	-4.049.01	9.645.044.50	771.798.144.07	359.755.08	8.129.95	0.13	-526.37	
F	192.084	CNN	2015-08-31	1535	-23.793.647.03	9.345.378.90	879.867.66.56	365.457.56	8.719.30	0.13	-3.093.173.90	
G	192.084	CNN	2015-09-30	1536	-1.884.69	9.346.518.84	826.880.171.20	345.327.52	8.719.30	0.13	-485.01	
F	192.084	CNN	2015-09-30	1537	-22.951.055.11	9.347.897.06.06	826.880.171.20	345.327.52	8.719.30	0.13	-2.967.669.06	
G	192.084	CNN	2015-10-31	1538	-31.616.71	8.628.399.29	861.898.672.08	292.457.32	10.138.02	0.13	-4.110.18	
F	192.084	CNN	2015-11-30	1539	-34.536.500.09	8.848.177.72	861.898.672.08	292.457.32	10.138.02	0.13	-4.499.151.03	
G	192.084	CNN	2015-11-30	1540	-8.647.07	8.848.739.33	861.898.672.08	292.457.32	10.138.02	0.13	-1.250.71	
F	192.084	CNN	2015-12-31	1541	-30.927.849.71	9.263.847.08	877.493.732.13	377.685.85	8.545.51	0.13	-4.000.603.48	
G	192.084	CNN	2015-12-31	1542	-706.72	9.264.852.62	877.493.732.13	377.685.85	8.545.51	0.13	-81.70	
G	192.084	CNN	2016-01-31	1543	-32.769.780.52	10.239.003.85	839.672.88.70	362.284.79	8.771.50	0.13	-4.260.071.44	
F	192.084	CNN	2016-01-31	1544	-6.031.73	10.238.881.46	839.672.88.70	362.284.79	8.771.50	0.13	-134.1	
G	192.084	CNN	2016-02-28	1545	-32.251.188.04	9.477.668.63	833.753.73.16	322.814.71	8.729.08	0.13	-3.192.654.46	
F	192.084	CNN	2016-02-28	1546	-2.256.63	9.478.904.42	833.753.73.16	322.814.71	8.729.08	0.13	-203.38	
G	192.084	CNN	2016-03-31	1547	-34.330.203.36	9.278.666.72	863.322.203.68	318.830.47	7.033.84	0.13	-4.462.924.44	
F	192.084	CNN	2016-03-31	1548	-7.688.87	9.274.055.00	863.322.203.68	318.830.47	7.033.84	0.13	-698.84	
G	192.084	CNN	2016-04-30	1549	-33.361.207.56	8.602.449.42	867.444.606.41	290.809.25	8.127.60	0.13	-3.336.956.88	
F	192.084	CNN	2016-04-30	1550	-2.489.98	8.601.957.86	867.444.606.41	290.809.25	8.127.60	0.13	-348.80	
G	192.084	CNN	2016-05-31	1551	-33.812.098.89	8.653.882.88	881.195.516.06	304.316.14	8.909.97	0.13	-3.356.572.08	
F	192.084	CNN	2016-05-31	1552	-6.116.12	8.662.17.80	881.195.516.06	304.316.14	8.909.97	0.13	-756.03	
G	192.084	CNN	2016-06-30	1553	-32.935.528.88	9.200.951.05	873.738.78.11	338.732.29	8.098.98	0.13	-4.281.618.76	
F	192.084	CNN	2016-06-30	1554	-2.735.22	9.202.274.08	873.738.78.11	338.732.29	8.098.98	0.13	-10.98	
G	192.084	CNN	2016-07-31	1555	-34.566.081.84	10.495.103.65	889.888.202.87	407.758.79	8.300.75	0.13	-4.493.500.61	
F	192.084	CNN	2016-07-31	1556	-81.857	10.495.041.22	889.888.202.87	407.758.79	8.300.75	0.13	-34.07	
G	192.084	CNN	2016-08-31	1557	-30.818.541.18	10.962.305.17	778.512.833.27	425.813.67	8.558.93	0.13	-4.018.410.36	
F	192.084	CNN	2016-08-31	1558	-15.815.85	10.959.699.00	778.512.833.27	425.813.67	8.558.93	0.13	-2.956.8	
G	192.084	CNN	2016-09-30	1559	-32.607.554.09	8.993.182.38	857.238.162.51	333.177.36	8.904.56	0.13	-4.238.962.93	
F	192.084	CNN	2016-09-30	1560	-6.937.88	8.992.965.85	857.238.162.51	333.177.36	8.904.56	0.13	-511.96	
G	192.084	CNN	2016-10-31	1561	-33.486.042.71	8.844.040.99	841.101.580.51	28				

102.084	2018-02-28 F	1381	-6.11	-5.90	-83,209,279.92	8136122.0277	Canada Based Recovery for 201802, Total Adjusted Amount - \$ 3206279.02, Total Distribution (MMV) - 8180122.027
102.084	2018-03-31 F	1381	-52,774.83	-302,343.26	-82,607,225.90	8502148.3911	Canada Based Recovery for 201803, Total Adjusted Amount - \$ 3202722.9, Total Distribution (MMV) - 8502148.397
102.084	2018-03-31 F	1381	-18,480.28	-6.89	-82,801,445.84	8501162.8781	Canada Based Recovery for 201803, Total Adjusted Amount - \$ 2001424.85, Total Distribution (MMV) - 8502162.578
102.084	2018-04-30 F	1381	-68,779.23	-283,456.39	-82,119,831.31	1387148.771	Canada Based Recovery for 201804, Total Adjusted Amount - \$ 1470518.31, Total Distribution (MMV) - 7857148.775
102.084	2018-04-30 F	1381	-19,793.78	0.98	-83,032,563.56	7936886.484	Canada Based Recovery for 201804, Total Adjusted Amount - \$ 3032963.58, Total Distribution (MMV) - 7936940.463
102.084	2018-05-31 F	1381	-60,069.85	-261,805.26	-82,468,569.84	1729026.484	Canada Based Recovery for 201805, Total Adjusted Amount - \$ 1400523.84, Total Distribution (MMV) - 7729026.495
102.084	2018-05-31 F	1381	-14,337.55	0.13	-82,881,712.77	7729918.384	Canada Based Recovery for 201805, Total Adjusted Amount - \$ 2867172.77, Total Distribution (MMV) - 7729918.384
102.084	2018-06-30 F	1381	-154,008.36	-307,474.81	-83,140,126.24	8134508.264	Canada Based Recovery for 201806, Total Adjusted Amount - \$ 3031124.24, Total Distribution (MMV) - 8104508.242
102.084	2018-06-30 F	1381	-6.95	-6	-83,140,126.24	8134511.885	Canada Based Recovery for 201806, Total Adjusted Amount - \$ 3032123.24, Total Distribution (MMV) - 8104751.095
102.084	2018-07-31 F	1381	-123,069.81	-386,238.12	-83,523,058.95	8555157.851	Canada Based Recovery for 201807, Total Adjusted Amount - \$ 3033068.85, Total Distribution (MMV) - 8555267.878
102.084	2018-07-31 F	1381	-36.03	-6	-83,523,058.95	8586139.703	Canada Based Recovery for 201807, Total Adjusted Amount - \$ 3033068.85, Total Distribution (MMV) - 9586139.709
102.084	2018-08-31 F	1381	-108,561.43	-377,215.81	-83,707,237.50	8495014.124	Canada Based Recovery for 201808, Total Adjusted Amount - \$ 3107237.5, Total Distribution (MMV) - 8495014.124
102.084	2018-08-31 F	1381	-6.76	-5	-83,707,237.50	8495014.124	Canada Based Recovery for 201808, Total Adjusted Amount - \$ 3107237.5, Total Distribution (MMV) - 8495014.124
102.084	2018-09-30 F	1381	-148,416.31	-305,785.36	-83,706,211.48	7465581.531	Canada Based Recovery for 201809, Total Adjusted Amount - \$ 3102071.08, Total Distribution (MMV) - 7465581.531
102.084	2018-09-30 F	1381	-367.46	-3,884	-83,706,211.48	7465581.531	Canada Based Recovery for 201809, Total Adjusted Amount - \$ 3102071.08, Total Distribution (MMV) - 7465581.531
102.084	2018-10-31 F	1381	-118,361.85	-277,738.14	-83,126,674.60	7655226.485	Canada Based Recovery for 201810, Total Adjusted Amount - \$ 3112875.5, Total Distribution (MMV) - 7655226.485
102.084	2018-10-31 F	1381	-3.54	-1	-83,126,674.60	7655226.485	Canada Based Recovery for 201810, Total Adjusted Amount - \$ 3112875.5, Total Distribution (MMV) - 7655226.485
102.084	2018-11-30 F	1381	-127,332.86	-289,412.46	-83,179,768.76	7683302.271	Canada Based Recovery for 201811, Total Adjusted Amount - \$ 3379780.75, Total Distribution (MMV) - 7683302.271
102.084	2018-11-30 F	1381	-7,868.28	-63,889	-83,179,768.76	772398.384	Canada Based Recovery for 201811, Total Adjusted Amount - \$ 3379780.75, Total Distribution (MMV) - 813998.382
102.084	2018-12-31 F	1381	-114,220.22	-307,888.81	-83,172,333.63	8655287.125	Canada Based Recovery for 201812, Total Adjusted Amount - \$ 3172333.63, Total Distribution (MMV) - 8655287.125
102.084	2018-12-31 F	1381	-745.74	-61	-83,172,333.63	8655287.125	Canada Based Recovery for 201812, Total Adjusted Amount - \$ 3172333.63, Total Distribution (MMV) - 8655287.125

Original and Revised Data						Settlement Details						Adjustment Calculation					
Embedded Generation			Class A Load			Bus Assoc Id	Chrg Type Id	Delivery Date	Zone Id	Rate	IESO Admin Fee		IESO Admin Fee		IESO Admin Fee		
Original (MWh)	Revised (kWh)	Revised (MWh)	Original (MWh)	Revised (kWh)	Revised (MWh)						Rate Adjustment (\$/MWh)	Total IESO Admin Fee Rate (\$/MWh)	Adjustment Amount				
Jan-11	6,379,248	6,388,218,000	6,388,218			102,084	9990	2011-01-31	ONZN	0,822	Jan-11	0,8220	0,8220		-\$7.37		
Feb-11	5,130,065	5,142,943,000	5,142,943			102,084	9990	2011-02-28	ONZN	0,822	Feb-11	0,8220	0,8220		-\$10.59		
Mar-11	7,683,225	7,710,562,000	7,710,562			102,084	9990	2011-03-31	ONZN	0,822	Mar-11	0,8220	0,8220		-\$22.47		
Apr-11	9,250,760	9,253,693,000	9,253,693			102,084	9990	2011-04-30	ONZN	0,822	Apr-11	0,8220	0,8220		-\$2.41		
May-11	9,971,026	9,006,491,000	9,006,491			102,084	9990	2011-05-31	ONZN	0,822	May-11	0,8220	0,8220		-\$29.15		
Jun-11	8,792,962	8,845,363,000	8,845,363			102,084	9990	2011-06-30	ONZN	0,822	Jun-11	0,8220	0,8220		-\$43.07		
Jul-11	9,506,379	9,597,735,000	9,597,735			102,084	9990	2011-07-31	ONZN	0,822	Jul-11	0,8220	0,8220		-\$75.09		
Aug-11	9,258,748	9,331,807,000	9,331,807			102,084	9990	2011-08-31	ONZN	0,822	Aug-11	0,8220	0,8220		-\$60.05		
Sep-11	9,553,616	9,619,564,000	9,619,564			102,084	9990	2011-09-30	ONZN	0,822	Sep-11	0,8220	0,8220		-\$54.21		
Oct-11	10,070,277	10,128,654,000	10,128,654			102,084	9990	2011-10-31	ONZN	0,822	Oct-11	0,8220	0,8220		-\$47.99		
Nov-11	7,828,117	7,875,892,000	7,875,892			102,084	9990	2011-11-30	ONZN	0,822	Nov-11	0,8220	0,8220		-\$39.27		
Dec-11	10,338,546	10,375,097,000	10,375,097			102,084	9990	2011-12-31	ONZN	0,822	Dec-11	0,8220	0,8220		-\$30.04		
Jan-12	4,068,517	4,111,999,000	4,111,999			102,084	9990	2012-01-31	ONZN	0,822	Jan-12	0,8220	0,8220		-\$35.74		
Feb-12	3,662,663	3,723,682,000	3,723,682			102,084	9990	2012-02-29	ONZN	0,822	Feb-12	0,8220	0,8220		-\$50.16		
Mar-12	8,233,095	8,364,817,000	8,364,817			102,084	9990	2012-03-31	ONZN	0,822	Mar-12	0,8220	0,8220		-\$108.28		
Apr-12	9,554,732	9,717,033,000	9,717,033			102,084	9990	2012-04-30	ONZN	0,822	Apr-12	0,8220	0,8220		-\$133.39		
May-12	10,269,592	10,478,610,000	10,478,610			102,084	9990	2012-05-31	ONZN	0,822	May-12	0,8220	0,8220		-\$171.89		
Jun-12	9,713,953	9,944,846,000	9,944,846			102,084	9990	2012-06-30	ONZN	0,822	Jun-12	0,8220	0,8220		-\$189.79		
Jul-12	9,858,112	10,120,753,000	10,120,753			102,084	9990	2012-07-31	ONZN	0,822	Jul-12	0,8220	0,8220		-\$215.89		
Aug-12	9,462,148	9,707,872,000	9,707,872			102,084	9990	2012-08-31	ONZN	0,822	Aug-12	0,8220	0,8220		-\$201.99		
Sep-12	8,434,931	8,654,926,000	8,654,926			102,084	9990	2012-09-30	ONZN	0,822	Sep-12	0,8220	0,8220		-\$180.84		
Oct-12	6,869,838	7,004,564,000	7,004,564			102,084	9990	2012-10-31	ONZN	0,822	Oct-12	0,8220	0,8220		-\$110.74		
Nov-12	6,043,642	6,173,880,000	6,173,880			102,084	9990	2012-11-30	ONZN	0,822	Nov-12	0,8220	0,8220		-\$107.06		
Dec-12	7,695,336	7,769,564,000	7,769,564			102,084	9990	2012-12-31	ONZN	0,822	Dec-12	0,8220	0,8220		-\$81.02		
Jan-13	5,566,804	5,715,346,000	5,715,346			102,084	9990	2013-01-31	ONZN	0,822	Jan-13	0,8220	0,8220		-\$122.10		
Feb-13	5,831,257	5,995,591,000	5,995,591			102,084	9990	2013-02-28	ONZN	0,822	Feb-13	0,8220	0,8220		-\$135.08		
Mar-13	8,199,479	8,538,803,000	8,538,803			102,084	9990	2013-03-31	ONZN	0,822	Mar-13	0,8220	0,8220		-\$278.92		
Apr-13	8,962,927	9,416,555,000	9,416,555			102,084	9990	2013-04-30	ONZN	0,822	Apr-13	0,8220	0,8220		-\$572.88		
May-13	9,033,837	9,650,531,000	9,650,531			102,084	9990	2013-05-31	ONZN	0,822	May-13	0,8220	0,8220		-\$606.92		
Jun-13	7,152,961	7,719,166,000	7,719,166			102,084	9990	2013-06-30	ONZN	0,822	Jun-13	0,8220	0,8220		-\$465.42		
Jul-13	7,792,756	8,448,096,000	8,448,096			102,084	9990	2013-07-31	ONZN	0,822	Jul-13	0,8220	0,8220		-\$653.35		
Aug-13	7,574,530	8,265,828,000	8,265,828			102,084	9990	2013-08-31	ONZN	0,822	Aug-13	0,8220	0,8220		-\$558.25		
Sep-13	6,826,225	7,468,197,000	7,468,197			102,084	9990	2013-09-30	ONZN	0,822	Sep-13	0,8220	0,8220		-\$627.70		
Oct-13	9,462,058	9,947,315,000	9,947,315			102,084	9990	2013-10-31	ONZN	0,822	Oct-13	0,8220	0,8220		-\$398.88		
Nov-13	9,164,696	9,486,534,000	9,486,534			102,084	9990	2013-11-30	ONZN	0,822	Nov-13	0,8220	0,8220		-\$264.55		
Dec-13	7,229,952	7,380,637,000	7,380,637			102,084	9990	2013-12-31	ONZN	0,822	Dec-13	0,8220	0,8220		-\$123.86		
Jan-14	6,187,405	6,466,523,000	6,466,523			102,084	9990	2014-01-31	ONZN	0,822	Jan-14	0,8220	0,0190	0,8030		-\$224.13	
Feb-14	6,101,921	6,484,776,000	6,484,776			102,084	9990	2014-02-28	ONZN	0,822	Feb-14	0,8220	0,0190	0,8030		-\$307.43	
Mar-14	7,082,085	7,771,155,000	7,771,155			102,084	9990	2014-03-31	ONZN	0,822	Mar-14	0,8220	0,0190	0,8030		-\$553.32	
Apr-14	9,472,924	10,348,158,000	10,348,158			102,084	9990	2014-04-30	ONZN	0,822	Apr-14	0,8220	0,0190	0,8030		-\$702.81	
May-14	6,866,569	7,873,630,000	7,873,630			102,084	9990	2014-05-31	ONZN	0,803	May-14	0,8030	0,8030		-\$808.67		
Jun-14	5,905,401	7,145,495,000	7,145,495			102,084	9990	2014-06-30	ONZN	0,803	Jun-14	0,8030	0,8030		-\$995.80		
Jul-14	8,850,796	10,117,528,000	10,117,528			102,084	9990	2014-07-31	ONZN	0,803	Jul-14	0,8030	0,8030		-\$1,017.19		
Aug-14	10,022,229	11,221,547,000	11,221,547			102,084	9990	2014-08-31	ONZN	0,803	Aug-14	0,8030	0,8030		-\$963.05		
Sep-14	10,160,987	11,356,961,000	11,356,961			102,084	9990	2014-09-30	ONZN	0,803	Sep-14	0,8030	0,8030		-\$960.37		
Oct-14	9,457,612	10,211,058,000	10,211,058			102,084	9990	2014-10-31	ONZN	0,803	Oct-14	0,8030	0,8030		-\$605.02		
Nov-14	8,645,502	10,309,829,000	10,309,829			102,084	9990	2014-11-30	ONZN	0,803	Nov-14	0,8030	0,8030		-\$1,336.45		
Dec-14	8,987,639	9,330,443,000	9,330,443			102,084	9990	2014-12-31	ONZN	0,803	Dec-14	0,8030	0,8030		-\$275.27		
Jan-15	4,882,215	5,384,039,000	5,384,039			102,084	9990	2015-01-31	ONZN	0,803	Jan-15	0,8030	0,8030		-\$402.96		
Feb-15	4,686,002	5,033,998,000	5,033,998			102,084	9990	2015-02-28	ONZN	0,803	Feb-15	0,8030	0,8030		-\$279.44		
Mar-15	6,967,826	8,103,679,000	8,103,679			102,084	9990	2015-03-31	ONZN	0,803	Mar-15	0,8030	0,8030		-\$992.34		
Apr-15	9,349,167	10,885,501,000	10,885,501			102,084	9990	2015-04-30	ONZN	0,803	Apr-15	0,8030	0,8030		-\$1,233.68		
May-15	9,726,211	11,542,028,000	11,542,028			102,084	9990	2015-05-31	ONZN	0,803	May-15	0,8030	0,8030		-\$1,458.10		
Jun-15	8,640,806	10,394,780,000	10,394,780			102,084	9990	2015-06-30	ONZN	0,803	Jun-15	0,8030	0,8030		-\$1,408.44		
Jul-15	8,740,957	10,697,622,000	10,697,622			102,084	9990	2015-07-31	ONZN	0,803	Jul-15	0,8030	0,8030		-\$1,571.20		
Aug-15	9,120,949	10,767,367,000	10,767,367			102,084	9990	2015-08-31	ONZN	0,803	Aug-15	0,8030	0,8030		-\$1,322.07		
Sep-15	9,719,297	11,146,616,000	11,146,616			102,084	9990	2015-09-30	ONZN	0,803	Sep-15	0,8030	0,8030		-\$1,146.14		
Oct-15	10,138,019	11,189,225,000	11,189,225			102,084	9990	2015-10-31	ONZN	0,803	Oct-15	0,8030	0,8030		-\$844.12		
Nov-15	9,395,186	10,213,155,000	10,213,155			102,084	9990	2015-11-30	ONZN	0,803	Nov-15	0,8030	0,8030		-\$656.83		
Dec-15	9,545,506	9,895,431,000	9,895,431			102,084	9990										

HRZ-Staff-36

Reference: HRZ GA Analysis Workform, GA 2019 tab

Under Note 5 – Reconciling Items of the GA Analysis Workform, GA 2019 tab, Alectra Utilities included the following item:

7	Adjustment to reallocate amount from Account 1589 to Account 1588	\$(563,661)	(564K) relating to RPP GA adjustment to be reallocated to Account 1588
----------	--------------------------------------------------------------------------	--------------------	-------------------------------------------------------------------------------

- a) Please explain the nature and timing of this adjustment and why this amount needed to be reallocated from Account 1589 to Account 1588.**
- b) Please provide supporting calculation of the adjustment amount.**

Response:

- 1 a) The adjustment is the result of a transposition error when allocating a settlement amount
- 2 related to the Mohawk TS between Account 1588 and Account 1589 in June 2019. In
- 3 November 2018, Alectra Utilities discovered a wiring error while completing final
- 4 commissioning on the T2Y2 circuit at Mohawk TS. The error stems from Hydro One Networks
- 5 Inc. (“HONI”) reversing the polarity of the wires within the B phase voltage circuit. As a result,
- 6 load at this metering point was under-estimated by 65% for 5 months. Alectra Utilities
- 7 immediately notified the IESO and HONI performed the correction in the field. The financial
- 8 impact was estimated and accrued in December 2018. The IESO issued an invoice in June
- 9 2019 for the settlement amount. Alectra Utilities reversed the December 2018 accrual and
- 10 recorded the actual settlement amount. At that time, 64% of the actual GA settlement amount
- 11 was recorded in Account 1589 and 36% was recorded in Account 1588. Alectra Utilities
- 12 identifies that 36% of the settlement amount should have been recorded in Account 1589 as
- 13 provided in Table 1, below. This transposition error was identified and corrected in 2020.
- 14
- 15 b) Table 1 below provides the supporting calculation of the adjustment amount.

1 **Table 1 – Calculation GA adjustment amount**

	IESO Invoice CT2148	Original Allocation (%)	Original Allocation	Correct Allocation (%)	Actual Allocation	Adjustment
RPP (1588)	\$2,043,732	36%	\$740,035	64%	\$1,303,696	\$563,661
Non-RPP (1589)		64%	\$1,303,696	36%	\$740,035	(\$563,661)
Total	\$2,043,732	100%	\$2,043,732	100%	\$2,043,732	\$ -

2

HRZ-Staff-37

Reference: HRZ IRM Model, Tab “2. Current Tariff Schedule”

Cell BC9 in tab 2 has not been changed to “Yes” to confirm the accuracy of the Horizon RZ’s 2020 OEB-approved Tariff of Rates and Charges. Please confirm that the tariff information in tab 2 is accurate and revise the model as necessary. If the tariff is not correct, please list the inaccuracies that should be corrected.

Response:

- 1 Alectra Utilities has updated Tab 2 in the Rate Generator Model (“RGM”) to “Yes” to confirm the
- 2 accuracy of the Horizon Utilities RZ’s 2020 OEB approved Tariff of Rates and Charges. The RGM
- 3 for the Horizon Utilities RZ is filed in response to G-Staff-2.

HRZ-Staff-38

**References: LRAMVA workform (Attachment 35), Tab 5
Participation & Cost (P&C) Report – Alectra Utilities (Attachment 40)**

The 2018 savings adjustments from the “Post P&C Report” are additional savings included in the LRAMVA calculation, as these savings adjustments were not identified in the P&C Report.

Post P&C Report Savings – 2018 savings adjustments

Post P&C report (kWh adjustment to 2018 savings)	HRZ – LRAMVA Workform
Coupon Initiative	22,479
Save on Energy Heating and Cooling Program	64,335
Save on Energy Audit Funding Program	844,170
Save on Energy Retrofit Program - FCR	6,223,728
Save on Energy Small Business Lighting Program	265,279
Save on Energy Retrofit Program - P4P	35,629,799
Save on Energy Process & Systems Upgrades Program	283,032

- a) Please provide supporting documentation (e.g. a copy of the Post P&C report(s) or CDM-IS report(s) in excel format) to substantiate the additional 2018 project savings claimed from the Post P&C Reports.
 - i. For the Horizon RZ, please provide the following data from the Post P&C Report for the programs listed above:
 - Framework under which the savings will be delivered under (e.g. CFF wind-down framework, interim framework, etc.)
 - Date that the program was approved by the IESO
 - Expected completion date of the program
 - Expected kWh and kW savings (net)
 - Delivery agent for the program savings (e.g. LDC or IESO led)
 - Approval date of an IESO incentive
- b) Please confirm whether any savings from the Post P&C Report were estimated using assumptions that were not previously provided in the IESO reports.
 - i. If yes, please identify the project(s) and describe the methodology and assumptions used to estimate savings for each applicable project.
- c) If supplemental reports cannot be provided in support of any project(s) identified above, please identify the project(s) and discuss the accuracy level of the savings estimates.
- d) Please confirm that all programs listed from the Post P&C Reports relate to the former CFF. If not, please identify the program(s) that are not part of the CFF.

- e) For each program listed in the table above, please provide a detailed discussion of why the savings were not included in the P&C Report but should be considered eligible for lost revenue recovery.
- f) For each of the non-residential programs listed above, please provide a discussion of how the 2018 demand savings were calculated from savings were included in the Post P&C Report.

Response:

- 1 a) to f) Please see Alectra Utilities' response to PRZ-Staff-43.

HRZ-Staff-39

**References: LRAMVA workform (Attachment 35), Tabs 5 and 8 (Street Lighting Savings) Application, Exhibit 3, Tab 1, Schedule 10, p. 4 of 17
Participation & Cost (P&C) Report – Alectra Utilities (Attachment 40)**

It is unclear whether all prior years' energy savings from street lighting projects in the Horizon RZ (2015, 2016 and 2018) were deducted from the retrofit program.

- a) Please provide the details as noted in the table below, and modify the inputs in the table as applicable to the specific rate zone:

Horizon Rate Zone

CFF related savings	HRZ Savings (LRAMVA Workform)	2017 Final Results Report (IESO)	P&C Report (2018 unverified)
2015 Save on Energy Retrofit (kWh)		X kWh	
% Allocation of Total Retrofit Savings (2015) – HRZ	%	100%	
2015 Save on Energy Retrofit (kWh) – HRZ	X kWh	X kWh	
Street light Savings (kWh deduction)	X kWh		
2016 Save on Energy Retrofit (kWh)		X kWh	
% Allocation of Total Retrofit Savings (2016) – HRZ	%	100%	
2016 Save on Energy Retrofit (kWh) – HRZ	X kWh	X kWh	
Street light Savings (kWh deduction)	X kWh		
2018 Save on Energy Retrofit (kWh)			X kWh
% Allocation of Total Retrofit Savings (2018) - HRZ	%		100%
2017 Save on Energy Retrofit (kWh) - HRZ	X kWh		X kWh
Street light Savings (kWh deduction)	X kWh		

Response:

- 1 a) Alectra Utilities confirms that all prior years' energy savings from streetlight projects were
- 2 deducted from the retrofit program. Table 1 below provides the details of Alectra Utilities'

1 energy savings for the street lighting and retrofit program in the Horizon Utilities' Rate Zone.
2 Alectra Utilities did not apply a street light savings reduction in 2015 for the Horizon Utilities
3 RZ, as the street light savings were excluded from the retrofit total in the IESO verified
4 savings report. The savings from the P&C report issued by the IESO includes aggregated
5 saving for Alectra Utilities; as a result, the savings were allocated to each rate zone. The
6 Post P&C report includes savings at the rate zone level and do not require an allocation by
7 rate zone.

1 **Table 1 – Horizon Utilities Rate Zone Retrofit and Streetlight Energy Savings**

CFF related savings	HRZ Savings (LRAMVA Workform)	Savings from 2015/16 Results Report (IESO)	2017 Final Results Report (IESO)	P&C Report (2018 unverified)	Post P&C Report (2018 unverified)
2015 Save on Energy Retrofit (kWh)		4,887,417 kWh			
% Allocation of Total Retrofit Savings (2015) – HRZ	%	100%			
2015 Save on Energy Retrofit (kWh) – HRZ	4,887,417 kWh	4,887,417 kWh			
Street light Savings (kWh deduction)	0 kWh				
2016 Save on Energy Retrofit (kWh)		24,740,964 kWh	36,450,274 kWh		
% Allocation of Total Retrofit Savings (2016) – HRZ	%	100%	5%		
2016 Save on Energy Retrofit (kWh) – HRZ	25,730,743 kWh	24,740,964 kWh	1,890,561 kWh		
Street light Savings (kWh deduction)	900,782 kWh				
2018 Save on Energy Retrofit (including P4P) (kWh)				61,969,008 kWh	46,709,220 kWh
% Allocation of Total Retrofit Savings (2018) - HRZ	%			22%	100%
2018 Save on Energy Retrofit (including P4P) (kWh) - HRZ	55,475,708 kWh			13,622,180 kWh	46,709,220 kWh
Street light Savings (kWh deduction)	4,855,692 kWh				

HRZ-Staff-40

Reference: LRAMVA workform (Attachment 35), Tab 1/ Tab 1-a (Updates)

- a) If Alectra Utilities made any changes to the LRAMVA workform as a result of its responses to the above LRAMVA interrogatories, please file an updated LRAMVA workform, and confirm the LRAMVA balance requested for disposition, the disposition period and the revised rate riders.**
- b) Please record any changes to the LRAMVA workform in response to these LRAMVA interrogatories in “Table A-2. Updates to LRAMVA Disposition (Tab 1-a)”.**

Response:

- 1 a) and b) Alectra Utilities has not made any changes to the LRAMVA workform for the Horizon
- 2 Utilities RZ as a result of its responses to LRAMVA interrogatories.

PRZ-Staff-41

Reference: PRZ GA Analysis Workform

Under Note 4 of the GA Analysis Workform, columns G and H were left blank:

Note 4 Analysis of Expected GA Amount									
2019									
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	H	I = F-G+H	J	K = F*J	L	M = I*L	N = M-K
January	292,286,914			292,286,914	0.06741	\$ 19,703,061	0.08002	\$ 23,651,857	\$ 3,948,796
February	266,492,846			266,492,846	0.09657	\$ 25,735,214	0.08812	\$ 23,483,350	\$ (2,251,865)
March	283,637,173			283,637,173	0.08105	\$ 22,988,793	0.08041	\$ 22,807,265	\$ (181,528)
April	259,052,284			259,052,284	0.08129	\$ 21,058,360	0.12333	\$ 31,948,918	\$ 10,890,558
May	262,521,178			262,521,178	0.12860	\$ 33,760,223	0.12604	\$ 33,088,169	\$ (672,054)
June	268,982,556			268,982,556	0.12444	\$ 33,472,189	0.13728	\$ 36,925,925	\$ 3,453,736
July	301,721,766			301,721,766	0.13527	\$ 40,813,903	0.09645	\$ 29,101,064	\$ (11,712,839)
August	287,276,639			287,276,639	0.07211	\$ 20,715,518	0.12607	\$ 36,216,966	\$ 15,501,447
September	259,574,375			259,574,375	0.12934	\$ 33,573,350	0.12263	\$ 31,831,606	\$ (1,741,744)
October	262,279,969			262,279,969	0.17878	\$ 46,890,413	0.13680	\$ 35,879,900	\$ (1,010,513)
November	265,410,862			265,410,862	0.10727	\$ 28,470,623	0.09953	\$ 26,416,343	\$ (2,054,280)
December	267,814,066			267,814,066	0.08589	\$ 22,948,987	0.09321	\$ 24,962,949	\$ 2,013,962
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	3,277,050,629	-	-	3,277,050,629		\$ 350,130,636		\$ 356,314,312	\$ 6,183,677
Calculated Loss Factor									1.0375
Most Recent Approved Loss Factor for Secondary Metered Customer = 5.0000W									1.0369
Difference									0.0006

Alectra Utilities explained the blank columns as follows:

a) Please provide an explanation in the textbox below if columns G and H are not used in the table above.

Monthly usage were the base for RPP true-up settlement that reflect the true cost of GA for non-RPP Class B.

- Please confirm that the explanation above means that the figures in column F in the Note 4 table above represent actual monthly consumption (i.e. actual energy flow), as opposed to consumption billed in the month.
- If no to a), please clarify the explanation above and further explain why unbilled amounts are not included in columns G and H.

Response:

- a) Alectra Utilities confirms that the explanation above means that figures in column F in the Note 4 table above represent actual monthly consumption in the month. This is in accordance with the *“Instructions for Completing GA Analysis Workform – 2021 Rate”* published by the OEB in May 2020. Under Note 4b), the OEB states, “Alternatively, if more precise calendar month consumption is available, this can be used instead of using unbilled data as discussed under step #4a above. Input the calendar month consumption data in column F. Unbilled consumption would not be required in columns G and H.”

- 1 b) Please see Alectra Utilities' response to part a).

PRZ-Staff-42

Reference: PRZ RGCRP_Staff.xls

OEB staff has revised the PRZ RGCRP model by extending the calculation of the payment amounts to cover the years 2022-2026. Please confirm whether Alectra Utilities agrees with the updated calculations.

Response:

Alectra Utilities has incorporated the following updates to the Renewable Generation Connection Rate Protection ("RGCRP") Model provided by OEB Staff. The updated RGCRP model is filed as PRZ-Staff-42_Attachment 1.

1. Alectra Utilities has updated cell B6 from "Summary of Revenue Requirement for Recovery in 2016 – 2006" to "Summary of Revenue Requirement for Recovery in 2016 – 2026" in tab "Summary" since 2022-2026 has been added in the tab;
2. Alectra Utilities has added formulas in cells P31 to T32 and P35 to T37 in tab "Avg Nt Fix Ass &UCC" to be consistent with 2010-2021.

Since there are no additions over the 2022-2026 period, the updates identified above do not impact the calculation of the payment amounts to cover the years 2022-2026 made by OEB staff. Alectra Utilities agrees with the payment amounts included in the Model.

PRZ-Staff-42

Attachment 1 – RGCRP PowerStream RZ

PowerStream Inc
Renewable Generation Connection Rate Protection
Compensation Amounts under Ontario Regulation 330/09

Summary of Revenue Requirement for Recovery in 2016 - 2026
RGC Eligible Investments

	Board Approved RR Basis			Proposed for Recoveries - TEST YEARS										
	(EB-2012-0161)	(EB-2013-0166)	(EB-2014-0608)	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
2011 & Prior RGC Investmentt	\$162,684	\$67,769	\$53,805											
2012 RGC Investment		\$146,070	\$61,132											
2013 RGC Investment			\$146,353											
2014 RGC Investment				\$150,269 ⁽¹⁾										
2015 RGC Investment				\$4,208 ⁽²⁾										
2010-2026 RGC Investment				\$272,792	\$271,060	\$266,079	\$260,517	\$256,894	\$252,940	\$248,681	\$244,141	\$239,343	\$234,307	\$229,052
	\$162,684	\$213,839	\$261,290	\$427,270	\$271,060	\$266,079	\$260,517	\$256,894	\$252,940	\$248,681	\$244,141	\$239,343	\$234,307	\$229,052

NOTES:

(1) Revenue Requirement for 2014 and 2015

(2) Revenue Requirement for 2015

PowerStream Inc
Renewable Generation Connection Rate Protection
Compensation Amounts under Ontario Regulation 330/09

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	
Net Fixed Assets	\$ -	\$ 40,060	\$ 275,566	\$ 747,921	\$ 1,537,994	\$ 2,165,791	\$ 2,619,174	\$ 2,576,445	\$ 2,394,161	\$ 2,288,879	\$ 2,184,420	\$ 2,079,961	*****	*****	*****	*****	*****	
OMBA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
WCA	13.0%	13.0%	13.0%	13.0%	13.0%	13.0%	13.0%	13.0%	13.0%	13.0%	13.0%	13.0%	13.0%	13.0%	13.0%	13.0%	13.0%	
Rate Base	\$ 40,060	\$ 275,566	\$ 747,921	\$ 1,537,994	\$ 2,165,791	\$ 2,619,174	\$ 2,576,445	\$ 2,501,089	\$ 2,394,161	\$ 2,288,879	\$ 2,184,420	\$ 2,079,961	13.0%	13.0%	13.0%	13.0%	13.0%	
Deemed ST Debt	4%	16.02	4%	11.023	4%	29.837	4%	54,320	4%	86,631.65	4%	104,767	4%	103,058	4%	104,004	4%	95,766
Deemed LT Debt	56%	22,433	56%	15,417	56%	418,835	56%	760,477	56%	1,423,809	56%	1,400,610	56%	1,340,730	56%	1,164,778	56%	989,287
Deemed Equity	40%	16,204	40%	11,0226	40%	299,168	40%	543,198	40%	866,317	40%	1,047,610	40%	1,030,578	40%	1,000,436	40%	957,664
ST Interest	1.33%	21	1.33%	147	1.33%	898	2.08%	1,130	2.08%	1,802	2.08%	2,179	2.16%	2,226	3.00%	3,001	3.00%	2,873
LT Interest	8.89%	1,321	8.89%	8,069	8.89%	24,669	4.15%	31,560	4.15%	56,106	4.03%	54,008	4.03%	51,633	4.03%	47,927	4.03%	39,851
ROE	8.01%	1,284	8.01%	8,829	8.01%	23,963	8.93%	48,508	8.93%	77,362	9.30%	93,577	9.30%	95,844	9.30%	81,260	9.30%	77,735
	8.01%	1,284	8.01%	8,829	8.01%	23,963	8.93%	48,508	8.93%	77,362	9.30%	93,577	9.30%	95,844	9.30%	81,260	9.30%	77,735
	\$ 2,626	\$ 18,065	\$ 49,031	\$ 81,197	\$ 129,497	\$ 156,606	\$ 155,187	\$ 152,148	\$ 145,943	\$ 139,526	\$ 133,158	\$ 126,790	\$ 120,423	\$ 114,055	\$ 107,687	\$ 101,320	\$ 94,952	
OMBA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Amortization	\$ 1,581	\$ 20,336	\$ 50,132	\$ 73,142	\$ 104,619	\$ 118,982	\$ 109,962	\$ 107,752	\$ 105,105	\$ 104,459	\$ 104,459	\$ 104,459	\$ 104,459	\$ 104,459	\$ 104,459	\$ 104,459	\$ 104,459	
Grossed-up Pills	\$ -	\$ 152	\$ 10,388	\$ 11,375	\$ 1,215	\$ 3,431	\$ 3,107	\$ 7,643	\$ 11,160	\$ 16,532	\$ 19,277	\$ 21,691	\$ 23,799	\$ 25,627	\$ 27,196	\$ 28,528	\$ 29,641	
Provincial Rate Protection - Revenue Requirement	\$ 4,455	\$ 28,013	\$ 87,768	\$ 155,754	\$ 237,587	\$ 270,674	\$ 272,792	\$ 271,260	\$ 266,079	\$ 263,513	\$ 256,894	\$ 252,940	\$ 248,681	\$ 244,141	\$ 239,343	\$ 234,307	\$ 229,052	

PowerStream Inc
Renewable Generation Connection Rate Protection
Compensation Amounts under Ontario Regulation 330/09
PILs Calculation

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
INCOME TAX																	
Net Income	\$ 1,284	\$ 8,829	\$ 23,963	\$ 48,508	\$ 77,362	\$ 93,557	\$ 95,844	\$ 93,041	\$ 89,063	\$ 85,146	\$ 81,260	\$ 77,375	\$ 73,489	\$ 69,603	\$ 65,717	\$ 61,831	\$ 57,945
Amortization	\$ 1,981	\$ 20,336	\$ 50,132	\$ 73,342	\$ 104,659	\$ 118,982	\$ 109,962	\$ 107,752	\$ 106,105	\$ 104,459	\$ 104,459	\$ 104,459	\$ 104,459	\$ 104,459	\$ 104,459	\$ 104,459	\$ 104,459
CCA	-\$ 3,650	-\$ 55,550	-\$ 105,646	-\$ 118,480	-\$ 172,506	-\$ 203,921	-\$ 184,608	-\$ 169,840	-\$ 156,253	-\$ 143,752	-\$ 132,252	-\$ 121,672	-\$ 111,938	-\$ 102,983	-\$ 94,744	-\$ 87,165	-\$ 80,192
Change in taxable income	-\$ 386	-\$ 26,385	-\$ 31,550	\$ 3,369	\$ 9,515	\$ 8,617	\$ 21,198	\$ 30,953	\$ 38,915	\$ 45,853	\$ 53,467	\$ 60,162	\$ 66,010	\$ 71,079	\$ 75,431	\$ 79,125	\$ 82,212
Tax Rate	28.25%	28.25%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
Income Taxes Payable	-\$ 109	-\$ 7,454	-\$ 8,361	\$ 893	\$ 2,522	\$ 2,284	\$ 5,617	\$ 8,202	\$ 10,313	\$ 12,151	\$ 14,169	\$ 15,943	\$ 17,493	\$ 18,836	\$ 19,989	\$ 20,968	\$ 21,786
ONTARIO CAPITAL TAX																	
Closing Net Fixed Assets	\$ 80,119	\$ 471,012	\$ 1,024,829	\$ 1,691,160	\$ 2,640,423	\$ 2,597,925	\$ 2,554,965	\$ 2,447,213	\$ 2,341,108	\$ 2,236,649	\$ 2,132,190	\$ 2,027,731	\$ 1,923,272	\$ 1,818,813	\$ 1,714,354	\$ 1,609,895	\$ 1,505,436
Less: Exemption	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Deemed Taxable Capital	\$ 80,119	\$ 471,012	\$ 1,024,829	\$ 1,691,160	\$ 2,640,423	\$ 2,597,925	\$ 2,554,965	\$ 2,447,213	\$ 2,341,108	\$ 2,236,649	\$ 2,132,190	\$ 2,027,731	\$ 1,923,272	\$ 1,818,813	\$ 1,714,354	\$ 1,609,895	\$ 1,505,436
Ontario Capital Tax Rate																	
Net Amount (Taxable Capital x Rate)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Gross Up																	
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable
Change in Income Taxes Payable	-\$ 109	-\$ 7,454	-\$ 8,361	\$ 893	\$ 2,522	\$ 2,284	\$ 5,617	\$ 8,202	\$ 10,313	\$ 12,151	\$ 14,169	\$ 15,943	\$ 17,493	\$ 18,836	\$ 19,989	\$ 20,968	\$ 21,786
Change in OCT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PIL's	-\$ 109	-\$ 7,454	-\$ 8,361	\$ 893	\$ 2,522	\$ 2,284	\$ 5,617	\$ 8,202	\$ 10,313	\$ 12,151	\$ 14,169	\$ 15,943	\$ 17,493	\$ 18,836	\$ 19,989	\$ 20,968	\$ 21,786
Grossed Up																	
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs
Change in Income Taxes Payable	-\$ 152	-\$ 10,388	-\$ 11,375	\$ 1,215	\$ 3,431	\$ 3,107	\$ 7,643	\$ 11,160	\$ 14,031	\$ 16,532	\$ 19,277	\$ 21,691	\$ 23,799	\$ 25,627	\$ 27,196	\$ 28,528	\$ 29,641
Change in OCT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PIL's	-\$ 152	-\$ 10,388	-\$ 11,375	\$ 1,215	\$ 3,431	\$ 3,107	\$ 7,643	\$ 11,160	\$ 14,031	\$ 16,532	\$ 19,277	\$ 21,691	\$ 23,799	\$ 25,627	\$ 27,196	\$ 28,528	\$ 29,641

1818 Net Fixed Assets/1818/1821

1925 Net Fixed Assets/Software

1981 Net Fixed Assets /1981

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
\$ -	\$ 27,778	\$ 134,226	\$ 215,958	\$ 246,682	\$ 451,389	\$ 451,389	\$ 451,389	\$ 451,389	\$ 451,389	\$ 451,389	\$ 451,389	\$ 451,389	\$ 451,389	\$ 451,389	\$ 451,389	\$ 451,389
\$ 27,778	\$ 106,448	\$ 81,732	\$ 30,725	\$ 204,707	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ 27,778	\$ 134,226	\$ 215,958	\$ 246,682	\$ 451,389	\$ 451,389	\$ 451,389	\$ 451,389	\$ 451,389	\$ 451,389	\$ 451,389	\$ 451,389	\$ 451,389	\$ 451,389	\$ 451,389	\$ 451,389	\$ 451,389
\$ -	\$ 926	\$ 6,326	\$ 17,999	\$ 33,420	\$ 56,689	\$ 86,782	\$ 116,874	\$ 146,967	\$ 177,060	\$ 207,152	\$ 237,245	\$ 267,338	\$ 297,430	\$ 327,523	\$ 357,616	\$ 387,708
\$ 926	\$ 3,548	\$ 2,724	\$ 1,024	\$ 6,824	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ -	\$ 1,852	\$ 8,948	\$ 14,397	\$ 16,445	\$ 30,093	\$ 30,093	\$ 30,093	\$ 30,093	\$ 30,093	\$ 30,093	\$ 30,093	\$ 30,093	\$ 30,093	\$ 30,093	\$ 30,093	\$ 30,093
\$ 926	\$ 6,326	\$ 17,999	\$ 33,420	\$ 56,689	\$ 86,782	\$ 116,874	\$ 146,967	\$ 177,060	\$ 207,152	\$ 237,245	\$ 267,338	\$ 297,430	\$ 327,523	\$ 357,616	\$ 387,708	\$ 417,801
\$ -	\$ 26,852	\$ 127,900	\$ 197,959	\$ 213,262	\$ 394,700	\$ 364,608	\$ 334,515	\$ 304,422	\$ 274,330	\$ 244,237	\$ 214,144	\$ 184,052	\$ 153,959	\$ 123,867	\$ 93,774	\$ 63,681
\$ 26,852	\$ 127,900	\$ 197,959	\$ 213,262	\$ 394,700	\$ 364,608	\$ 334,515	\$ 304,422	\$ 274,330	\$ 244,237	\$ 214,144	\$ 184,052	\$ 153,959	\$ 123,867	\$ 93,774	\$ 63,681	\$ 33,589
\$ 13,426	\$ 77,376	\$ 162,929	\$ 205,610	\$ 303,981	\$ 379,654	\$ 349,561	\$ 319,469	\$ 289,376	\$ 259,283	\$ 229,191	\$ 199,098	\$ 169,005	\$ 138,913	\$ 108,820	\$ 78,728	\$ 48,635

1822 Net Fixed Assets /P&C systems

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Opening Capital Investment	\$ -	\$ 22,903	\$ 110,667	\$ 178,047	\$ 203,379	\$ 434,744	\$ 511,228	\$ 578,230	\$ 578,230	\$ 578,230	\$ 578,230	\$ 578,230	\$ 578,230	\$ 578,230	\$ 578,230	\$ 578,230	\$ 578,230
Capital Investment	\$ 22,903	\$ 87,764	\$ 67,380	\$ 25,332	\$ 231,365	\$ 76,484	\$ 67,002										
Closing Capital Investment	\$ 22,903	\$ 110,667	\$ 178,047	\$ 203,379	\$ 434,744	\$ 511,228	\$ 578,230	\$ 578,230	\$ 578,230	\$ 578,230	\$ 578,230	\$ 578,230	\$ 578,230	\$ 578,230	\$ 578,230	\$ 578,230	\$ 578,230
Opening Accumulated Amortization	\$ -	\$ 573	\$ 3,912	\$ 11,130	\$ 20,665	\$ 36,618	\$ 60,268	\$ 87,504	\$ 116,416	\$ 145,327	\$ 174,239	\$ 203,150	\$ 232,062	\$ 260,973	\$ 289,885	\$ 318,796	\$ 347,708
Amortization Year One	20	\$ 573	\$ 2,194	\$ 1,685	\$ 633	\$ 5,784	\$ 1,912	\$ 1,675	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amortization Thereafter	20	\$ -	\$ 1,145	\$ 5,533	\$ 8,902	\$ 10,169	\$ 21,737	\$ 25,561	\$ 28,912	\$ 28,912	\$ 28,912	\$ 28,912	\$ 28,912	\$ 28,912	\$ 28,912	\$ 28,912	\$ 28,912
Closing Accumulated Amortization		\$ 573	\$ 3,912	\$ 11,130	\$ 20,665	\$ 36,618	\$ 60,268	\$ 87,504	\$ 116,416	\$ 145,327	\$ 174,239	\$ 203,150	\$ 232,062	\$ 260,973	\$ 289,885	\$ 318,796	\$ 347,708
Opening Net Fixed Assets		\$ -	\$ 22,330	\$ 106,755	\$ 166,917	\$ 182,714	\$ 398,125	\$ 450,960	\$ 490,726	\$ 461,814	\$ 432,903	\$ 403,991	\$ 375,080	\$ 346,168	\$ 317,257	\$ 288,345	\$ 259,434
Closing Net Fixed Assets		\$ 22,330	\$ 106,755	\$ 166,917	\$ 182,714	\$ 398,125	\$ 450,960	\$ 490,726	\$ 461,814	\$ 432,903	\$ 403,991	\$ 375,080	\$ 346,168	\$ 317,257	\$ 288,345	\$ 259,434	\$ 230,522
Average Net Fixed Assets		\$ 11,165	\$ 64,543	\$ 136,836	\$ 174,816	\$ 290,420	\$ 424,543	\$ 470,843	\$ 476,270	\$ 447,359	\$ 418,447	\$ 389,536	\$ 360,624	\$ 331,713	\$ 302,801	\$ 273,890	\$ 244,978

1912 Net Fixed Assets /1912

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Opening Capital Investment	\$ -	\$ -	\$ 1,873	\$ 1,873	\$ 43,702	\$ 82,005	\$ 82,005	\$ 82,005	\$ 82,005	\$ 82,005	\$ 82,005	\$ 82,005	\$ 82,005	\$ 82,005	\$ 82,005	\$ 82,005	\$ 82,005
Capital Investment	\$ -	\$ 1,873	\$ -	\$ 41,829	\$ 38,303	\$ -	\$ -										
Closing Capital Investment	\$ -	\$ 1,873	\$ 1,873	\$ 43,702	\$ 82,005	\$ 82,005	\$ 82,005	\$ 82,005	\$ 82,005	\$ 82,005	\$ 82,005	\$ 82,005	\$ 82,005	\$ 82,005	\$ 82,005	\$ 82,005	\$ 82,005
Opening Accumulated Amortization	\$ -	\$ -	\$ 19	\$ 56	\$ 512	\$ 1,769	\$ 3,409	\$ 5,049	\$ 6,689	\$ 8,329	\$ 9,970	\$ 11,610	\$ 13,250	\$ 14,890	\$ 16,530	\$ 18,170	\$ 19,810
Amortization Year One	50	\$ -	\$ 19	\$ -	\$ 418	\$ 383	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amortization Thereafter	50	\$ -	\$ -	\$ 37	\$ 37	\$ 874	\$ 1,640	\$ 1,640	\$ 1,640	\$ 1,640	\$ 1,640	\$ 1,640	\$ 1,640	\$ 1,640	\$ 1,640	\$ 1,640	\$ 1,640
Closing Accumulated Amortization		\$ -	\$ 19	\$ 56	\$ 512	\$ 1,769	\$ 3,409	\$ 5,049	\$ 6,689	\$ 8,329	\$ 9,970	\$ 11,610	\$ 13,250	\$ 14,890	\$ 16,530	\$ 18,170	\$ 19,810
Opening Net Fixed Assets		\$ -	\$ -	\$ 1,854	\$ 1,817	\$ 43,190	\$ 80,236	\$ 78,596	\$ 76,956	\$ 75,316	\$ 73,676	\$ 72,036	\$ 70,396	\$ 68,756	\$ 67,116	\$ 65,475	\$ 63,835
Closing Net Fixed Assets		\$ -	\$ 1,854	\$ 1,817	\$ 43,190	\$ 80,236	\$ 78,596	\$ 76,956	\$ 75,316	\$ 73,676	\$ 72,036	\$ 70,396	\$ 68,756	\$ 67,116	\$ 65,475	\$ 63,835	\$ 62,195
Average Net Fixed Assets		\$ -	\$ 927	\$ 1,836	\$ 22,503	\$ 61,713	\$ 79,416	\$ 77,776	\$ 76,136	\$ 74,496	\$ 72,856	\$ 71,216	\$ 69,576	\$ 67,936	\$ 66,295	\$ 64,655	\$ 63,015

1845 Net Fixed Assets /1845

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Opening Capital Investment	\$ -	\$ -	\$ 9,992	\$ 132,441	\$ 355,529	\$ 490,750	\$ 490,750	\$ 490,750	\$ 490,750	\$ 490,750	\$ 490,750	\$ 490,750	\$ 490,750	\$ 490,750	\$ 490,750	\$ 490,750	\$ 490,750
Capital Investment	\$ -	\$ 9,992	\$ 122,449	\$ 223,088	\$ 135,221	\$ -	\$ -										
Closing Capital Investment	\$ -	\$ 9,992	\$ 132,441	\$ 355,529	\$ 490,750	\$ 490,750	\$ 490,750	\$ 490,750	\$ 490,750	\$ 490,750	\$ 490,750	\$ 490,750	\$ 490,750	\$ 490,750	\$ 490,750	\$ 490,750	\$ 490,750
Opening Accumulated Amortization	\$ -	\$ -	\$ 111	\$ 1,694	\$ 7,116	\$ 16,519	\$ 27,424	\$ 38,330	\$ 49,235	\$ 60,141	\$ 71,046	\$ 81,952	\$ 92,858	\$ 103,763	\$ 114,669	\$ 125,574	\$ 136,480
Amortization Year One	45	\$ -	\$ 111	\$ 1,361	\$ 2,479	\$ 1,502	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amortization Thereafter	45	\$ -	\$ -	\$ 222	\$ 2,943	\$ 7,901	\$ 10,906	\$ 10,906	\$ 10,906	\$ 10,906	\$ 10,906	\$ 10,906	\$ 10,906	\$ 10,906	\$ 10,906	\$ 10,906	\$ 10,906
Closing Accumulated Amortization		\$ -	\$ 111	\$ 1,694	\$ 7,116	\$ 16,519	\$ 27,424	\$ 38,330	\$ 49,235	\$ 60,141	\$ 71,046	\$ 81,952	\$ 92,858	\$ 103,763	\$ 114,669	\$ 125,574	\$ 136,480
Opening Net Fixed Assets		\$ -	\$ -	\$ 9,881	\$ 130,748	\$ 348,414	\$ 474,232	\$ 463,326	\$ 452,421	\$ 441,515	\$ 430,610	\$ 419,704	\$ 408,798	\$ 397,893	\$ 386,987	\$ 376,082	\$ 365,176
Closing Net Fixed Assets		\$ -	\$ 9,881	\$ 130,748	\$ 348,414	\$ 474,232	\$ 463,326	\$ 452,421	\$ 441,515	\$ 430,610	\$ 419,704	\$ 408,798	\$ 397,893	\$ 386,987	\$ 376,082	\$ 365,176	\$ 354,271
Average Net Fixed Assets		\$ -	\$ 4,940	\$ 70,314	\$ 239,581	\$ 411,323	\$ 468,779	\$ 457,873	\$ 446,968	\$ 436,062	\$ 425,157	\$ 414,251	\$ 403,346	\$ 392,440	\$ 381,534	\$ 370,629	\$ 359,723

TOTALS

Additions	\$ 82,100	\$ 411,229	\$ 603,949	\$ 739,673	\$ 1,053,922	\$ 76,484	\$ 67,002	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Average Net Fixed Assets	\$ 40,060	\$ 275,566	\$ 747,921	\$ 1,357,994	\$ 2,165,791	\$ 2,619,174	\$ 2,576,445	\$ 2,501,089	\$ 2,394,161	\$ 2,288,879	\$ 2,184,420	\$ 2,079,961	\$ 1,975,501	\$ 1,871,042	\$ 1,766,583	\$ 1,662,124	\$ 1,557,665
Total Amortization	\$ 1,981	\$ 20,336	\$ 50,132	\$ 73,342	\$ 104,659	\$ 118,982	\$ 109,962	\$ 107,752	\$ 106,105	\$ 104,459	\$ 104,459	\$ 104,459	\$ 104,459	\$ 104,459	\$ 104,459	\$ 104,459	\$ 104,459
Closing NFA	\$ 80,119	\$ 471,012	\$ 1,024,829	\$ 1,691,160	\$ 2,640,423	\$ 2,597,925	\$ 2,554,965	\$ 2,447,213	\$ 2,341,108	\$ 2,236,649	\$ 2,132,190	\$ 2,027,731	\$ 1,923,272	\$ 1,818,813	\$ 1,714,354	\$ 1,609,895	\$ 1,505,436

For PILs Calculation

UCC / Class 47

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Opening UCC	\$ -	\$ 78,053	\$ 398,848	\$ 916,891	\$ 1,553,626	\$ 2,428,456	\$ 2,307,605	\$ 2,122,996	\$ 1,953,157	\$ 1,796,904	\$ 1,653,152	\$ 1,520,900	\$ 1,399,228	\$ 1,287,289	\$ 1,184,306	\$ 1,089,562	\$ 1,002,397
Capital Additions	\$ 81,305	\$ 340,666	\$ 572,866	\$ 739,673	\$ 1,040,751	\$ 76,484											
UCC Before Half Year Rule	\$ 81,305	\$ 418,719	\$ 971,714	\$ 1,656,564	\$ 2,594,376	\$ 2,504,940	\$ 2,307,605	\$ 2,122,996	\$ 1,953,157	\$ 1,796,904	\$ 1,653,152	\$ 1,520,900	\$ 1,399,228	\$ 1,287,289	\$ 1,184,306	\$ 1,089,562	\$ 1,002,397
Half Year Rule (1/2 Additions - Disposals)	\$ 40,653	\$ 170,333	\$ 286,433	\$ 369,836	\$ 520,375	\$ 38,242	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reduced UCC	\$ 40,653	\$ 248,386	\$ 685,281	\$ 1,286,728	\$ 2,074,001	\$ 2,466,698	\$ 2,307,605	\$ 2,122,996	\$ 1,953,157	\$ 1,796,904	\$ 1,653,152	\$ 1,520,900	\$ 1,399,228	\$ 1,287,289	\$ 1,184,306	\$ 1,089,562	\$ 1,002,397
CCA Rate Class	47																
CCA Rate	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
CCA	\$ 3,252	\$ 19,871	\$ 54,822	\$ 102,938	\$ 165,920	\$ 197,336	\$ 184,608	\$ 169,840	\$ 156,253	\$ 143,752	\$ 132,252	\$ 121,672	\$ 111,938	\$ 102,983	\$ 94,744	\$ 87,165	\$ 80,192
Closing UCC	\$ 78,053	\$ 398,848	\$ 916,891	\$ 1,553,626	\$ 2,428,456	\$ 2,307,605	\$ 2,122,996	\$ 1,953,157	\$ 1,796,904	\$ 1,653,152	\$ 1,520,900	\$ 1,399,228	\$ 1,287,289	\$ 1,184,306	\$ 1,089,562	\$ 1,002,397	\$ 922,205

UCC / Class 12

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Opening UCC	\$ -	\$ 398	\$ 35,282	\$ 15,542	\$ -	\$ 6,585	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions	\$ 795	\$ 70,563	\$ 31,083	\$ -	\$ 13,171	\$ -											
UCC Before Half Year Rule	\$ 795	\$ 70,961	\$ 66,365	\$ 15,542	\$ 13,171	\$ 6,585	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Half Year Rule (1/2 Additions - Disposals)	\$ 398	\$ 35,282	\$ 15,541.63	\$ -	\$ 6,585	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reduced UCC	\$ 398	\$ 35,679	\$ 50,823	\$ 15,542	\$ 6,585	\$ 6,585	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CCA Rate Class	12																
CCA Rate	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CCA	\$ 398	\$ 35,679	\$ 50,823	\$ 15,542	\$ 6,585	\$ 6,585	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing UCC	\$ 398	\$ 35,282	\$ 15,542	\$ -	\$ 6,585	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Totals																	
Additions	\$ 82,100	\$ 411,229	\$ 603,949	\$ 739,673	\$ 1,053,922	\$ 76,484	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CCA	\$ 3,650	\$ 55,550	\$ 105,646	\$ 118,480	\$ 172,506	\$ 203,921	\$ 184,608	\$ 169,840	\$ 156,253	\$ 143,752	\$ 132,252	\$ 121,672	\$ 111,938	\$ 102,983	\$ 94,744	\$ 87,165	\$ 80,192

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**References: LRAMVA workform (Attachment 37), Tab 5
Participation & Cost (P&C) Report – Alectra Utilities (Attachment 40)**

The 2018 savings adjustments from the “Post P&C Report” are additional savings included in the LRAMVA calculation, as these savings adjustments were not identified in the P&C Report.

Post P&C Report Savings – 2018 savings adjustments

Post P&C report (kWh adjustment to 2018 savings)	PRZ – LRAMVA Workform
Coupon Initiative	47,246
Save on Energy Heating and Cooling Program	265,142
Save on Energy Audit Funding Program	1,999,351
Save on Energy Retrofit Program - FCR	15,296,437
Save on Energy Small Business Lighting Program	347,307
Save on Energy Retrofit Program - P4P	46,353,628
Save on Energy High Performance New Construction Program	7,635,854
Save on Energy Process & Systems Upgrades Program	391,563
Social Benchmarking Program - Simple Energy	3,085,423
Social Benchmarking Program - OPower	29,380,302

- a) Please provide supporting documentation (e.g. a copy of the Post P&C report(s) or CDM-IS report(s) in excel format, if available) to substantiate the additional 2018 project savings claimed.
 - i. For the PowerStream RZ, please provide the following data from the Post P&C Report for the programs listed above:
 - Framework under which the savings will be delivered under (e.g. CFF wind-down framework, interim framework, etc.)
 - Date that the program was approved by the IESO
 - Expected completion date of the program
 - Expected kWh and kW savings (net)
 - Delivery agent for the program savings (e.g. LDC or IESO led)
 - Approval date of an IESO incentive
- b) Please confirm whether any savings from the Post P&C Report were estimated using assumptions that were not previously provided in the IESO reports.
 - i. If yes, please identify the project(s) and describe the methodology and assumptions used to estimate savings for each applicable project.
- c) If supplemental reports cannot be provided in support of any project(s) identified above, please identify the project(s) and discuss the accuracy level of the savings estimates.
- d) Please provide a copy of the Opower benchmarking reports for the behavioural pilot program savings in the Powerstream rate zone to substantiate the savings claimed.

i. If a report is not available, please explain how the savings were derived, and confirm that only savings are claimed up to December 31, 2018.

- e) Please confirm that all programs listed from the Post P&C reports relate to the former CFF. If not, please identify the program(s) that are not part of the CFF.**
- f) For each program listed in the table above, please provide a detailed discussion of why the savings were not included in the P&C report but should be considered eligible for lost revenue recovery.**
- g) For each of the non-residential programs listed above, please provide a discussion of how the 2018 demand savings were calculated from savings included in the Post P&C Report.**

Response:

This response addresses BRZ-Staff-18, ERZ-Staff-31, HRZ-Staff-38 and PRZ-Staff-43.

a) Alectra Utilities' CDM-Information System ("CDM-IS") report for the projects completed in 2018 is provided as Attachment 1 in response to G-Staff-9. Tab "2018 List of Projects" in Attachment 1, includes the associated framework in which the savings are delivered, the incentive payment date, the project completion date, and the net kWh and kW savings by project, for each rate zone. Tab "Delivery agent by program", provides the associated delivery agent by program.

b) The CDM savings from the Post Participation and Cost ("P&C") Report, included in the LRAMVA Workform for the programs listed in Table 1 below, are comprised of the total energy savings in the CDM-IS report, less the P&C savings reported in the 2018 IESO P&C report. The 2018 IESO P&C report only contains energy savings for projects closed and completed in 2018, with incentives paid to April 2019. The IESO P&C report excludes energy savings from the projects completed in 2018 and submitted by CDM participants subsequent to the issuance of the 2018 P&C report. The difference is timing related as the IESO's P&C report did not include savings from projects completed in 2018, with incentives paid after April 2019, as a result of the CDM wind-down.

Alectra Utilities has continued to maintain the Microsoft Dynamics Customer Relationship Management ("CRM") system and the CDM-IS report, to substantiate achieved CDM savings. This system and report allow Alectra Utilities to maintain accurate information on projects completed by CDM participants, as the IESO reports are no longer available.

Each project's net energy savings in the CDM-IS report were estimated by applying the 2017 Net to Gross Ratio ("NTG") and Realization Rate ("RR") to the gross energy savings. The NTG and RR applicable to each program are identified in Tab "LDC Progress" in the Final Verified 2017 CDM Program Results Report for Alectra Utilities. Table 1 below provides a complete list of assumptions for each program.

Table 1 Data Sources for Alectra Utilities' CDM program

Program	Data Source	RZ
Save on Energy Heating and Cooling Program	IESO 2019 June Value-added Services Report	ALL
Save on Energy Coupon Program	IESO 2019 June Value-added Services Report	ERZ, HRZ, PRZ
Save on Energy Audit Funding Program	IESO 2017 Final Verified Results Report	ALL
Save on Energy Retrofit Program - FCR	IESO online CDM Data Portal	ALL
Save on Energy Small Business Lighting Program	Vendor Portal	ALL
Save on Energy Retrofit Program - P4P	IESO online CDM Data Portal	ALL
Save on Energy High Performance New Construction Program	Alectra Post Project Review Report	BRZ, ERZ, PRZ
Save on Energy Process & Systems Upgrades Program	CLEAResult M&V Report	ERZ, HRZ, PRZ
Social Benchmarking Program - Simple Energy	IESO 2017 Final Verified Results Report	PRZ
Social Benchmarking Program - OPower	Vendor Portal	PRZ

All the program savings listed above are supported by the IESO reports, with the exception of the High Performance New Construction ("HPNC"), Small Business Lighting ("SBL") and Social Benchmarking- OPower programs.

The savings from projects in the HPNC Program are based on the savings provided in Alectra Utilities' Post Project Review reports, where the savings are determined based on the type of equipment, hours of operation and load profile for the participant.

The savings from the projects in SBL program are based on the savings provided by the vendor's portal. The measures from the vendor's portal are based on the IESO published measures for the SBL program.

The savings from the projects in Social Benchmarking Program - OPower are supported by the savings extracted from OPower's portal.

1 c) Alectra Utilities claimed savings for 14 projects in the HPNC program. Alectra Utilities' Post
2 Project Review reports in support of each project's savings, contain personal information
3 and information that may be commercially sensitive. In the OEB's Letter *Re: Filing*
4 *Requirements Regarding the Disposition of LRAMVA Balances for 2021 Rates and the*
5 *Treatment of Consumer Information*, dated September 28, 2020, the OEB states that
6 "personal information and commercially sensitive information is not needed to support
7 LRAMVA claims". Further, "distributors should manually delete any personal information or
8 commercially sensitive information in the Microsoft Excel spreadsheets or any other
9 documentation that is filed with the OEB". However, the Post Project Revenue reports are in
10 PDF format, exceed 100 pages each, and will contain significant redactions. Alectra Utilities
11 has provided the savings for these projects as part of the CDM-IS report. The savings
12 provided for these projects are accurate, and were determined based on type of equipment,
13 hours of operations and the load profile of each participant, as described in part b) above.

14
15 The vendor savings report in support of the savings for the SBL program, including a
16 reconciliation to convert the gross savings to net savings is provided as PRZ-Staff-
17 43_Attach 1_SBL Savings.

18
19 The savings data from OPower's web portal in support of the claimed savings for the Social
20 Benchmarking Program -OPower is provided as PRZ-Staff-43_Attach 2_OPower Report.
21 The report is generated directly from OPower's web portal. A reconciliation is provided in
22 the attachment to match the savings in the OPower report with the total savings claimed of
23 29,380,302 kWhs for the program. Alectra Utilities confirms that savings are only claimed
24 up to December 31, 2018.

25
26 d) Please see Alectra Utilities' response to part c).

27
28 e) All programs listed from the Post P&C Reports are related to the former Conservation First
29 Framework.

30
31 f) Alectra Utilities relied on the 2018 P&C and CDM-IS reports to support the total CDM
32 savings achieved in 2018. The CDM-IS report is connected to various data sources through
33 a data connection technology. For the programs centrally administrated by the IESO (i.e.

1 Heating and Cooling Program), project-specific information and related savings tracked in
2 the CDM-IS report are obtained from the June 2019 IESO Value-added Services Report.
3 For the Retrofit Program, project-specific information and related savings in the CDM-IS
4 report are based on the data stored in the Microsoft Dynamics CRM system which is
5 directly connected to the IESO's online database for the Retrofit Module. For other
6 programs administrated by Alectra Utilities, the related savings are based on the data
7 stored in the vendors portal or Alectra Utilities' Post Project Review report.

8
9 Further, Alectra Utilities engaged IndEco Strategic Consulting Inc. ("IndEco") to review and
10 verify the process and related calculations used for determining 2018 CDM savings,
11 including the methodology and data sources Alectra Utilities used to address savings
12 realized subsequent to the IESO's P&C report. After a thorough review and validation,
13 IndEco confirmed the accuracy of the amounts in the LRAMVA Workforms and that the
14 process related to calculating the additional savings was appropriate. Please also see
15 Alectra Utilities' response to part b) above.

- 16
17 g) For the non-residential programs listed above, gross demand savings are tracked in the
18 CDM-IS report. The savings are estimated by Alectra Utilities' CDM department based on
19 various data sources including IESO reports, Alectra Utilities' Post Project Review report
20 and CLEAResult Measurement and Verification ("M&V") Report. The NTG and RR from the
21 Final Verified 2017 CDM Program Results Report are then applied to the gross demand
22 savings to calculate the net demand savings. The allocation of energy savings from P&C
23 and Post P&C reports are used to estimate the demand savings from P&C and Post P&C
24 reports.

PRZ-Staff-43

Attachment 1 – SBL Savings

Row Labels	Sum of Total Actual Demand Savings	Sum of Total Actual Energy Savings	Energy Net to Gross Ratio % (2017 Verified)	Energy Realization Rate % (2017 Verified)	Toal Energy Savings	Demand Net to Gross Ratio % (2017 Verified)	Demand Realization Rate % (2017 Verified)	Total Demand Savings
Enersource Hydro Mississauga Inc.	449	2,080,971	0.9986	0.8668	1,801,261	0.9712	0.6743	293.7419116
Horizon Utilities Corporation	412	1,796,495	0.9986	0.8668	1,555,022	0.9712	0.6743	269.5611166
Hydro One Brampton Networks Inc.	186	912,462	0.9986	0.8668	789,815	0.9712	0.6743	122.1194327
PowerStream Inc.	583	2,352,001	0.9986	0.8668	2,035,860	0.9712	0.6743	381.7316099
Grand Total	1,630	7,141,930			6,181,958			1,067

Utility Name	Client Type	Program Name	Program ID	Status	Internal Status	Rebate Status	Audit Date	Actual Project Cost	Total Actual Demand Savings	Total Actual Energy Savings	Total Actual Incentive	Installation Date	Hours of Operation	DropZone ID
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332025-034	Work Order Complete		Invoiced	2018-01-10 11:00	\$423.00	0.2040	1,479.4080	\$325.47	2018-01-19	7252	136668
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332020-071	Work Order Complete		Invoiced	2018-04-19 10:00	\$1,830.00	0.8640	7,568.6400	\$1,695.10	2018-05-01	2580	141448
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332020-004	Work Order Complete		Invoiced	2017-08-31 14:00	\$2,624.88	3.1060	12,510.9680	\$1,201.88	2018-02-02	4028	201539
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332020-020	Work Order Complete		Invoiced	2017-10-10 16:00	\$1,679.34	3.9120	9,013.2480	\$1,679.34	2018-01-19	2304	340517
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332020-024	Work Order Complete		Invoiced	2017-10-02 03:00	\$770.51	1.1680	4,266.7040	\$770.51	2018-01-12	3653	344610
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-029	Work Order Complete		Invoiced	2017-10-31 10:00	\$471.16	0.6680	1,815.6240	\$374.52	2018-01-12	2718	361601
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-031	Work Order Complete		Invoiced	2017-10-31 16:00	\$749.07	1.7220	4,449.6480	\$749.07	2018-02-26	2584	362886
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332020-010	Work Order Complete		Invoiced	2017-09-12 10:00	\$8,683.00	4.6000	31,335.2000	\$3,131.37	2018-01-25	6812	36514
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-032	Work Order Complete		Invoiced	2017-11-09 11:00	\$1,984.20	2.4600	6,430.4400	\$1,444.70	2018-05-05	2614	366102
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332025-027	Work Order Complete		Invoiced	2017-11-22 10:00	\$18,971.63	16.1000	85,168.0650	\$6,553.27	2018-04-18	5295	370835
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-041	Work Order Complete		Invoiced	2017-11-21 9:00	\$1,854.15	0.3700	1,040.4400	\$162.15	2018-01-19	2812	373045
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332025-029	Work Order Complete		Invoiced	2017-11-29 13:00	\$1,004.84	0.9880	2,979.8080	\$642.40	2018-01-10	3016	374050
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-050	Work Order Complete		Invoiced	2017-11-30 10:30	\$824.26	1.0280	2,483.6480	\$565.60	2018-01-11	2416	377720
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332020-045	Work Order Complete		Invoiced	2017-12-14 15:00	\$846.00	0.4110	3,590.4960	\$778.03	2018-01-17	8736	383332
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332020-046	Work Order Complete		Invoiced	2017-12-14 11:00	\$1,582.64	1.0120	8,840.8320	\$1,427.48	2018-01-17	8736	383340
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332020-052	Work Order Complete		Invoiced	2018-01-10 10:00	\$1,574.50	0.7280	6,359.8080	\$1,399.16	2018-02-23	8736	385229
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-060	Work Order Complete	Other (Please Note)	Invoiced	2017-12-29 11:30	\$804.16	0.6160	2,818.8160	\$428.04	2018-02-26	4736	385677
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-061	Work Order Complete		Invoiced	2018-01-04 10:00	\$962.54	0.5760	1,385.8560	\$150.96	2018-01-17	2406	385763
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332020-053	Work Order Complete		Invoiced	2018-01-19 11:00	\$188.00	0.3360	2,189.3760	\$146.16	2018-02-02	6516	386926
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-063	Work Order Complete		Invoiced	2018-01-09 11:00	\$290.23	0.8580	2,763.6180	\$290.23	2018-01-17	3221	387037
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-064	Work Order Complete		Invoiced	2018-01-16 15:00	\$909.45	2.1000	7,522.2000	\$909.45	2018-02-02	3582	387541
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332028-001	Work Order Complete		Invoiced	2018-01-17 11:15	\$2,570.46	3.1980	10,553.4000	\$2,094.56	2018-01-25	3300	389096
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332024-006	Work Order Complete		Invoiced	2018-01-30 11:30	\$1,385.26	1.0070	8,797.1520	\$1,269.50	2018-08-21	8736	391491
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-068	Work Order Complete		Invoiced	2018-02-05 14:00	\$1,974.99	0.5000	2,553.0000	\$188.99	2018-03-29	5106	393370
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-069	Work Order Complete		Invoiced	2018-02-06 14:00	\$2,813.13	0.6620	3,380.1720	\$249.97	2018-03-29	5106	393373
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-072	Work Order Complete		Invoiced	2018-02-07 14:45	\$962.50	2.2200	8,396.0400	\$962.50	2018-02-23	3782	395402
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-073	Work Order Complete		Invoiced	2018-02-07 15:45	\$355.52	0.5440	1,636.3520	\$355.52	2018-02-23	3008	395430
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332025-041	Work Order Complete		Invoiced	2018-02-14 12:00	\$1,794.00	10.4520	54,486.2760	\$1,794.00	2018-02-26	5213	396145
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-076	Work Order Complete		Invoiced	2018-02-20 14:30	\$768.81	2.6460	7,017.1920	\$768.81	2018-03-29	2652	399072
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332025-049	Work Order Complete		Invoiced	2018-02-21 13:00	\$2,185.30	1.4440	10,812.6720	\$2,009.75	2018-06-12	7488	399361
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332025-050	Work Order Complete		Invoiced	2018-02-21 14:00	\$2,655.00	1.4350	7,332.8500	\$1,643.23	2018-06-08	2824	399373
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-078	Work Order Complete		Invoiced	2018-02-28 11:00	\$1,631.74	0.4130	840.4550	\$146.91	2018-04-02	2035	399678
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332025-053	Work Order Complete		Invoiced	2018-03-05 11:15	\$1,999.00	2.6540	21,667.2560	\$1,999.00	2018-03-09	8164	404432
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-081	Work Order Complete		Invoiced	2018-03-06 16:00	\$1,888.50	3.9900	15,221.8500	\$1,624.13	2018-04-02	3815	406936
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-083	Work Order Complete		Invoiced	2018-03-14 10:00	\$752.00	0.3680	1,348.3520	\$296.64	2018-03-29	3664	408148
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332020-063	Work Order Complete		Invoiced	2018-04-11 11:30	\$2,467.50	1.1200	8,584.8000	\$1,888.66	2018-05-02	7665	418732
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-087	Work Order Complete		Invoiced	2018-04-12 10:00	\$3,271.48	1.6480	12,631.9200	\$2,084.14	2018-05-02	7665	476502
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-088	Work Order Complete		Invoiced	2018-04-12 11:00	\$1,598.00	0.6860	5,258.1900	\$1,156.80	2018-04-26	7665	476505
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-090	Work Order Complete		Invoiced	2018-03-29 14:00	\$858.58	0.4420	3,861.3120	\$816.99	2018-06-21	8736	490739
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-092	Work Order Complete		Invoiced	2018-04-13 14:00	\$1,247.16	0.6640	5,089.5600	\$982.98	2018-04-26	7665	501137
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-094	Work Order Complete		Invoiced	2018-04-06 14:30	\$1,366.32	0.5980	4,583.6700	\$1,004.77	2018-04-26	7665	521952
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-096	Work Order Complete		Invoiced	2018-04-10 12:00	\$1,974.00	0.9210	7,059.4650	\$1,553.08	2018-04-26	7665	538427
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-097	Work Order Complete		Invoiced	2018-04-10 12:45	\$1,034.00	0.2000	676.0000	\$148.72	2018-05-05	3380	538475
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-099	Work Order Complete		Invoiced	2018-04-18 12:00	\$3,008.00	1.2860	9,857.1900	\$2,016.11	2018-05-02	7665	542943
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-104	Work Order Complete		Invoiced	2018-04-24 15:15	\$1,419.96	0.6390	4,897.9350	\$1,066.62	2018-05-14	7665	568624
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-115	Work Order Complete		Invoiced	2018-05-01 14:00	\$420.84	0.4920	2,105.7600	\$420.84	2018-06-21	4280	573633
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-110	Work Order Complete		Invoiced	2018-05-03 14:45	\$811.68	0.9840	3,258.0240	\$746.77	2018-07-31	3311	583975
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-114	Work Order Complete		Invoiced	2018-05-15 12:15	\$420.84	0.4920	1,296.4200	\$315.21	2018-07-14	2635	603820
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332004-001	Work Order Complete		Invoiced	2018-05-24 15:30	\$2,116.90	1.3300	9,333.9400	\$1,705.52	2018-08-31	7018	603859
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332004-002	Work Order Complete		Invoiced	2018-05-24 15:45	\$2,185.50	1.0710	7,163.9190	\$1,576.06	2018-08-30	6689	603865
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332004-003	Work Order Complete		Invoiced	2018-05-24 16:00	\$1,786.00	0.8740	5,876.7760	\$1,292.89	2018-08-21	6724	603870
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332020-077	Work Order Complete		Invoiced	2018-05-25 11:30	\$1,984.20	2.4600	8,885.5200	\$1,984.20	2018-06-08	3612	610163
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332012-001	Work Order Complete		Invoiced	2018-06-27 12:30	\$429.36	1.1760	2,902.3680	\$429.36	2018-08-09	2468	610464
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332004-004	Work Order Complete		Invoiced	2018-06-21 15:30	\$4,465.00	1.2080	7,475.1040	\$1,568.82	2018-08-24	6188	629032
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332004-005	Work Order Complete		Invoiced	2018-06-21 16:00	\$2,256.00	1.1040	8,119.9200	\$1,786.38	2018-08-31	7355	629873
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332020-080	Work Order Complete		Invoiced	2018-06-14 10:00	\$1,397.94	1.7220	6,219.8640	\$1,397.94	2018-06-19	3612	642704
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-123	Work Order Complete		Invoiced	2018-06-12 13:00	\$1,032.26	1.3260	3,523.1820	\$774.14	2018-07-16	2657	645275
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-127	Work Order Complete		Invoiced	2018-06-14 13:00	\$616.26	0.7380	2,443.5180	\$567.57	2018-07-16	3311	647420
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332024-010	Work Order Complete		Invoiced	2018-06-15 12:30	\$1,007.10	1.2300	5,704.7400	\$1,007.10	2018-07-16	4638	648166
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332020-083	Work Order Complete		Invoiced	2018-07-03 14:00	\$811.68	0.9840	2,450.1600	\$569.04	2018-07-05	2490	653544
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332020-084	Work Order Complete		Invoiced	2018-06-21 13:00	\$1,593.36	1.9680	7,108.4160	\$1,593.36	2018-07-06	3612	653556
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332020-089	Work Order Complete		Invoiced	2018-07-05 10:00	\$1,197.50	2.9890	14,771.6380	\$1,197.50	2018-08-30	4942	662709
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332020-090	Work Order Complete		Invoiced	2018-07-03 12:15	\$180.00	0.3840	1,095.9360	\$180.00	2018-07-11	2854	665801
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-128	Work Order Complete		Invoiced	2018-07-04 10:00	\$1,742.32	0.8360	5,545.1880	\$1,219.94	2018-07-07	6633	665916
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-129	Work Order Complete		Invoiced	2018-07-04 11:00	\$2,256.00	1.1040	7,886.9760	\$1,735.13	2018-08-06	7144	665918
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-130	Work Order Complete		Invoiced	2018-07-04 12:00	\$2,444.00	1.1960	8,314.5920	\$1,829.21	2018-08-06	6952	665921
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-131	Work Order Complete		Invoiced	2018-07-04 13:00	\$2,068.00	0.9770	6,712.9670	\$1,476.85	2018-08-21	6871	665926
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-132	Work Order Complete		Invoiced	2018-07-04 14:00	\$2,303.00	1.1270	7,325.5000	\$1,611.61	2018-08-24	6500	665929
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-134	Work Order Complete		Invoiced	2018-07-06 12:00	\$1,212.84	1.1760	3,404.5200	\$707.03	2018-07-16	2895	667750
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332020-092	Work Order Complete		Invoiced	2018-07-13 13:00	\$1,007.10	1.2300	4,442.7600	\$1,007.10	2018-07-23	3612	680350
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332023-135	Work Order Complete		Invoiced	2018-0							

Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332020-095	Work Order Complete		Invoiced	2018-07-24 15:00	\$811.68	0.9840	3,554.2080	\$811.68	2018-07-28	3612	682206
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	332037-004	Work Order Complete		Invoiced	2018-07-26 12:45	\$1,746.00	1.1200	3,964.8000	\$902.26	2018-08-27	3540	682520
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322023-001	Work Order Complete		Invoiced	2018-08-10 14:30	\$678.00	0.9520	4,356.3520	\$678.00	2018-10-16	4576	684593
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322023-005	Work Order Complete		Invoiced	2018-08-13 9:00	\$1,520.00	1.1680	10,203.6480	\$1,520.00	2018-10-26	8736	684784
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322020-004	Work Order Complete		Invoiced	2018-08-20 11:30	\$565.60	0.9370	8,185.6320	\$565.60	2018-10-01	8736	685783
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322020-005	Work Order Complete		Invoiced	2018-08-27 11:00	\$1,963.00	2.7750	7,631.2500	\$1,963.00	2018-10-20	2750	686087
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322037-003	Work Order Complete		Invoiced	2018-08-21 16:45	\$3,660.00	2.3100	10,960.9500	\$2,130.00	2018-10-24	4248	686156
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322020-007	Work Order Complete		Invoiced	2018-08-22 9:30	\$705.40	2.2500	12,744.0000	\$705.40	2018-12-02	5664	686235
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322020-008	Work Order Complete		Invoiced	2018-08-22 16:30	\$1,019.20	1.1800	10,308.4800	\$1,019.20	2018-09-27	8736	686241
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322020-009	Work Order Complete		Invoiced	2018-08-23 12:00	\$2,172.00	2.7390	15,099.0840	\$2,172.00	2018-10-15	5668	686261
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322020-010	Work Order Complete		Invoiced	2018-08-27 10:00	\$1,799.00	1.8140	6,196.6240	\$1,728.48	2018-11-29	3416	686466
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322037-004	Work Order Complete		Invoiced	2018-08-23 13:15	\$1,378.80	1.0440	4,422.7560	\$1,378.80	2018-10-29	3894	686476
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322020-011	Work Order Complete		Invoiced	2018-08-30 10:00	\$660.50	0.8500	2,125.0000	\$660.50	2018-10-05	2500	686666
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322020-012	Work Order Complete		Invoiced	2018-08-30 11:00	\$787.70	0.8300	3,927.5600	\$787.70	2018-10-05	4732	687340
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322023-008	Work Order Complete		Invoiced	2018-09-04 13:00	\$499.95	0.7570	3,306.5760	\$499.95	2018-10-09	4368	687606
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322020-014	Work Order Complete		Invoiced	2018-08-31 13:00	\$743.90	0.7190	3,084.5100	\$743.90	2018-10-09	4290	687737
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322023-009	Work Order Complete		Invoiced	2018-09-04 13:00	\$516.60	0.4920	2,149.0560	\$516.60	2018-10-09	4368	687938
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322011-001	Work Order Complete		Invoiced	2018-09-11 13:00	\$489.00	0.4770	2,083.5360	\$489.00	2018-11-28	4368	688776
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322011-002	Work Order Complete		Invoiced	2018-09-11 13:00	\$1,383.50	1.8720	10,123.7760	\$1,383.50	2018-11-07	5408	688778
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322011-004	Work Order Complete		Invoiced	2018-09-11 13:00	\$1,762.80	2.1340	6,798.9240	\$1,762.80	2018-10-10	3186	688780
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322011-006	Work Order Complete		Invoiced	2018-09-11 15:30	\$1,943.00	2.7640	7,628.6400	\$1,943.00	2018-11-06	2760	688784
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322011-007	Work Order Complete		Invoiced	2018-09-11 13:15	\$1,759.00	2.4990	7,157.1360	\$1,759.00	2018-10-15	2864	688786
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322011-008	Work Order Complete		Invoiced	2018-09-11 13:15	\$1,687.60	1.7820	9,822.3840	\$1,687.60	2018-10-01	5512	688787
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322011-009	Work Order Complete		Invoiced	2018-09-11 13:15	\$895.50	1.5440	6,237.7600	\$895.50	2018-11-09	4040	688789
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322011-010	Work Order Complete		Invoiced	2018-09-11 17:00	\$1,681.80	1.6020	4,165.2000	\$1,681.80	2018-09-27	2600	688790
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322011-011	Work Order Complete		Invoiced	2018-09-11 17:15	\$1,825.00	2.1810	7,903.9440	\$1,825.00	2018-11-09	3624	688845
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	321014-003	Work Order Complete		Invoiced	2018-09-26 13:00	\$1,759.00	1.8690	6,541.5000	\$1,759.00	2018-10-22	3500	688918
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322020-015	Work Order Complete		Invoiced	2018-09-24 9:00	\$1,425.00	1.1950	9,097.9200	\$1,425.00	2018-10-26	8736	689801
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322020-016	Work Order Complete		Invoiced	2018-09-25 9:00	\$1,552.00	1.7060	13,939.2880	\$1,552.00	2018-10-16	8496	690477
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322020-017	Work Order Complete		Invoiced	2018-09-25 9:45	\$126.00	0.4200	3,568.3200	\$126.00	2018-10-24	8496	690499
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	321019-001	Work Order Complete		Invoiced	2018-10-10 12:00	\$817.95	0.7790	5,971.0350	\$817.95	2018-12-28	7665	690833
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	321019-005	Work Order Complete		Invoiced	2018-10-10 13:30	\$507.00	0.6830	1,885.0800	\$507.00	2018-10-24	2760	692281
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	321019-007	Work Order Complete		Invoiced	2018-10-29 10:30	\$678.00	0.4480	2,702.3360	\$678.00	2018-11-22	6032	692522
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	321019-008	Work Order Complete		Invoiced	2018-10-29 12:00	\$579.00	0.3950	1,817.7900	\$579.00	2018-11-27	4602	692523
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	321019-010	Work Order Complete		Invoiced	2018-10-23 10:00	\$1,650.00	1.4980	7,244.3280	\$1,650.00	2018-11-14	4836	692745
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322020-019	Work Order Complete		Invoiced	2018-10-12 16:30	\$1,805.00	1.4750	4,572.5000	\$1,805.00	2018-11-14	3100	692778
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322020-020	Work Order Complete		Invoiced	2018-10-17 16:00	\$1,997.00	1.8420	6,675.4080	\$1,997.00	2018-11-30	3624	693387
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	321019-012	Work Order Complete		Invoiced	2018-10-29 10:15	\$516.00	0.3360	1,956.8640	\$516.00	2018-11-26	5824	693616
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	321019-015	Work Order Complete		Invoiced	2018-11-01 9:30	\$2,016.00	2.3470	7,674.6900	\$1,980.00	2018-12-09	3270	693740
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322023-011	Work Order Complete		Invoiced	2018-10-22 15:00	\$717.50	0.6530	3,123.9520	\$717.50	2018-10-30	4784	693909
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	321019-019	Work Order Complete		Invoiced	2018-11-07 14:00	\$1,002.00	0.6720	3,669.1200	\$1,002.00	2018-11-20	5460	694963
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	321019-021	Work Order Complete		Invoiced	2018-11-07 11:00	\$1,510.00	0.9680	4,832.2560	\$1,510.00	2018-11-23	4992	694967
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322023-013	Work Order Complete		Invoiced	2018-10-31 13:30	\$2,496.90	2.5230	16,202.7060	\$2,124.30	2018-11-21	6422	695114
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322023-014	Work Order Complete		Invoiced	2018-10-31 16:00	\$2,209.90	2.2230	14,702.9220	\$2,044.30	2018-12-05	6614	695118
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322023-016	Work Order Complete		Invoiced	2018-11-01 14:30	\$572.60	0.7940	4,046.2240	\$572.60	2018-12-04	5096	695452
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322023-017	Work Order Complete		Invoiced	2018-11-01 14:30	\$995.80	0.9020	3,939.9360	\$995.80	2018-11-22	4368	695455
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	321019-024	Work Order Complete		Invoiced	2018-11-01 13:45	\$1,473.00	1.0330	5,640.1800	\$1,473.00	2018-11-26	5460	695491
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	321019-026	Work Order Complete		Invoiced	2018-11-13 11:00	\$1,083.00	0.7280	3,747.7440	\$1,083.00	2018-11-23	5148	695805
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322023-018	Work Order Complete		Invoiced	2018-11-12 10:30	\$871.00	1.1150	4,696.3800	\$871.00	2018-12-03	4212	696614
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322023-022	Work Order Complete		Invoiced	2018-11-12 15:30	\$1,459.15	1.5550	11,919.0750	\$1,459.15	2018-11-28	7665	696816
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322023-023	Work Order Complete		Invoiced	2018-11-12 16:30	\$861.00	0.7920	6,070.6800	\$861.00	2018-11-28	7665	696825
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	321019-031	Work Order Complete		Invoiced	2018-11-14 12:00	\$1,164.00	0.7840	4,675.7760	\$1,164.00	2018-11-26	5964	697022
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322020-021	Work Order Complete		Invoiced	2018-11-14 16:00	\$1,162.35	1.1070	2,705.5080	\$1,162.35	2018-12-06	2444	697233
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	322023-026	Work Order Complete		Invoiced	2018-11-28 15:00	\$1,345.00	1.0610	4,744.7920	\$1,345.00	2018-12-05	4472	699180
Hydro One Brampton Networks Inc.	Business	Small Business Lighting CFF	321019-034	Work Order Complete		Invoiced	2018-12-06 14:45	\$729.00	0.4790	2,254.1740	\$729.00	2018-12-19	4706	699668
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152024-001	Work Order Complete		Invoiced	2017-09-22 13:00	\$1,515.72	0.7490	3,592.9530	\$374.97	2018-02-19	4797	114894
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-087	Work Order Complete		Invoiced	2018-01-18 14:00	\$1,980.00	1.3380	7,915.6560	\$1,741.44	2018-03-01	3612	151211
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-086	Work Order Complete		Invoiced	2018-01-18 14:45	\$1,905.00	1.0000	8,750.0000	\$1,905.00	2018-02-13	3010	151213
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-095	Work Order Complete		Invoiced	2018-02-15 11:00	\$895.12	0.5040	1,973.6640	\$369.61	2018-02-27	3916	165713
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152006-336	Work Order Complete		Invoiced	2017-06-29 13:15	\$1,618.52	2.0560	8,106.8080	\$1,618.52	2018-01-24	3943	183044
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-004	Work Order Complete		Invoiced	2017-09-27 14:30	\$1,551.01	0.3940	1,946.3600	\$141.01	2018-01-25	4940	337043
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-030	Work Order Complete		Invoiced	2017-09-27 9:00	\$1,984.20	2.4600	8,895.3600	\$1,984.20	2018-02-01	3616	341051
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152024-023	Work Order Complete		Invoiced	2018-05-24 13:00	\$1,875.36	2.0880	12,160.5120	\$1,747.11	2018-06-13	5824	34497
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152025-077	Work Order Complete		Invoiced	2018-01-03 15:00	\$1,104.00	0.6030	5,079.0690	\$892.09	2018-01-26	8423	37390
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-068	Work Order Complete		Invoiced	2017-12-05 13:00	\$318.94	0.7240	1,765.1120	\$318.94	2018-01-25	2438	376593
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-071	Work Order Complete		Invoiced	2017-12-08 10:00	\$1,007.10	1.2300	4,442.7600	\$1,007.10	2018-01-03	3612	379369
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152011-046	Work Order Complete		Invoiced	2017-12-07 13:30	\$1,996.78	2.5040	10,606.9440	\$1,996.78	2018-01-04	4236	381111
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152011-049	Work Order Complete		Invoiced	2017-12-07 15:00	\$1,984.20	2.4600	8,932.2600	\$1,984.20	2018-01-04	3631	381129
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152011-050	Work Order Complete		Invoiced	2017-12-07 15:30	\$1,984.20	2.4600	10,420.5600	\$1,984.20	2018-01-04	4236	381132
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152011-051	Work Order Complete		Invoiced	2017-12-07 16:00	\$1,984.20	2.4600	10,420.5600	\$1,984.20	2018-01-06	4236	381133
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152011-053	Work Order Complete		Invoiced	2017-12-07 16:30	\$1,202.52	1.4760	6,252.3360	\$1,202.52	2018-01-04	4236	381307
Enersource Hydro Mississauga Inc.														

Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152025-061	Work Order Complete		Invoiced	2018-02-07 15:15	\$1,077.56	1.6290	6,691.9320	\$789.21	2018-02-20	4108	381601
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-047	Work Order Complete		Invoiced	2017-12-12 11:15	\$3,179.16	2.4010	6,751.6120	\$1,453.65	2018-01-11	2812	382777
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-076	Work Order Complete		Invoiced	2018-01-16 11:00	\$811.68	0.9840	3,554.2080	\$811.68	2018-01-22	3612	383549
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-077	Work Order Complete		Invoiced	2017-12-18 13:00	\$1,153.90	1.2750	9,775.4250	\$1,153.90	2018-02-01	7667	383997
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152025-068	Work Order Complete		Invoiced	2017-12-27 10:00	\$2,079.00	4.0110	35,084.2170	\$1,991.31	2018-01-09	8747	384178
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-055	Work Order Complete		Invoiced	2017-12-18 16:15	\$811.68	0.9840	2,111.6640	\$494.57	2018-01-03	2146	384218
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-057	Work Order Complete		Invoiced	2017-12-19 15:45	\$365.40	0.8400	2,449.4400	\$365.40	2018-01-03	2916	384457
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152025-069	Work Order Complete		Invoiced	2017-12-22 13:00	\$1,180.26	2.0040	15,005.9520	\$1,007.16	2018-01-17	7488	384557
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-058	Work Order Complete		Invoiced	2017-12-21 10:30	\$1,605.00	0.8810	3,848.2080	\$876.61	2018-01-19	4236	384715
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-059	Work Order Complete		Invoiced	2017-12-21 11:00	\$1,080.00	0.5790	2,529.0720	\$586.40	2018-01-19	4236	384716
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-078	Work Order Complete		Invoiced	2018-01-03 14:00	\$1,767.70	4.3950	12,341.1600	\$1,767.70	2018-01-16	2808	384929
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-060	Work Order Complete		Invoiced	2017-12-27 11:00	\$200.97	0.4620	924.0000	\$200.97	2018-01-16	2000	384996
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-079	Work Order Complete		Invoiced	2017-12-28 14:00	\$1,410.52	1.7660	6,378.7920	\$1,410.52	2018-01-05	3612	385306
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152025-070	Work Order Complete		Invoiced	2017-12-27 15:45	\$2,130.50	1.4780	11,933.3720	\$1,696.94	2018-01-09	8074	385360
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152025-074	Work Order Complete		Invoiced	2018-01-12 10:00	\$1,410.00	0.6000	4,351.2000	\$957.26	2018-01-25	7252	387030
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-066	Work Order Complete		Invoiced	2018-01-09 10:30	\$1,307.10	1.3990	5,195.7120	\$1,169.50	2018-01-19	3624	387180
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-067	Work Order Complete		Invoiced	2018-01-09 10:45	\$330.00	0.1690	738.1920	\$192.40	2018-01-19	3624	387211
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-069	Work Order Complete		Invoiced	2018-01-09 11:00	\$330.00	0.1690	738.1920	\$192.40	2018-01-19	2208	387220
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-070	Work Order Complete		Invoiced	2018-01-09 11:15	\$330.00	0.1690	738.1920	\$192.40	2018-01-19	1494	387221
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-071	Work Order Complete		Invoiced	2018-01-10 11:30	\$862.00	1.1760	4,261.8240	\$862.00	2018-01-19	3624	387474
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152025-075	Work Order Complete		Invoiced	2018-01-17 13:00	\$1,499.00	0.8770	6,573.9920	\$1,361.30	2018-01-25	7496	387575
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152029-002	Work Order Complete		Invoiced	2018-01-30 14:30	\$369.22	0.7060	2,329.8000	\$369.22	2018-02-07	3300	387760
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-072	Work Order Complete		Invoiced	2018-01-11 13:15	\$174.81	0.4860	1,691.7660	\$236.08	2018-01-22	3481	387873
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152029-004	Work Order Complete		Invoiced	2018-01-16 10:00	\$525.76	0.5830	2,105.7960	\$365.43	2018-01-29	3612	388052
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-083	Work Order Complete		Invoiced	2018-01-17 11:00	\$517.74	1.2790	5,619.9260	\$517.74	2018-02-02	4394	388453
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-075	Work Order Complete		Invoiced	2018-01-15 15:45	\$328.86	0.7560	2,278.5840	\$328.86	2018-01-30	3014	388575
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152024-003	Work Order Complete		Invoiced	2018-01-22 9:00	\$1,984.20	2.4600	21,490.5600	\$1,984.20	2018-01-30	8736	388777
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152029-005	Work Order Complete		Invoiced	2018-01-23 10:00	\$8,480.32	2.7730	13,704.1660	\$2,135.12	2018-02-07	4942	389065
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-084	Work Order Complete		Invoiced	2018-01-18 13:30	\$457.56	1.2990	5,642.8560	\$407.52	2018-02-01	4344	389176
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-085	Work Order Complete		Invoiced	2018-01-18 12:30	\$12.58	1.1280	4,237.8960	\$849.42	2018-02-08	3757	389290
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-076	Work Order Complete		Invoiced	2018-01-17 15:00	\$2,509.62	0.8910	3,213.8370	\$330.00	2018-01-26	3607	389324
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152025-080	Work Order Complete		Invoiced	2018-01-26 14:00	\$1,668.50	0.8060	7,050.0820	\$1,549.50	2018-02-07	8747	389360
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152025-081	Work Order Complete		Invoiced	2018-01-17 16:30	\$2,232.00	1.0950	8,706.3450	\$1,704.00	2018-01-25	7951	389375
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-142	Work Order Complete		Invoiced	2018-03-27 14:00	\$311.79	0.7740	4,078.9800	\$311.79	2018-04-06	5270	38967
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-079	Work Order Complete		Invoiced	2018-01-22 11:30	\$440.91	1.3570	4,864.8450	\$1,984.20	2018-01-29	3585	390480
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152024-004	Work Order Complete		Invoiced	2018-01-22 12:45	\$1,984.20	2.4600	21,490.5600	\$1,984.20	2018-01-30	8736	390518
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-080	Work Order Complete		Invoiced	2018-01-22 12:00	\$959.28	3.5280	12,647.8800	\$959.28	2018-01-29	3585	390529
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-085	Work Order Complete		Invoiced	2018-01-23 16:15	\$256.35	0.5950	2,194.9550	\$256.35	2018-02-02	3689	391026
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152011-054	Work Order Complete		Invoiced	2018-01-24 10:00	\$3,487.16	2.4560	20,807.2320	\$2,211.16	2018-02-06	8472	391127
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152025-095	Work Order Complete		Invoiced	2018-02-12 15:00	\$2,065.00	1.6330	6,936.9840	\$912.75	2018-02-22	4248	391587
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-087	Work Order Complete		Invoiced	2018-01-26 16:45	\$237.51	0.5460	1,518.4260	\$237.51	2018-02-01	2781	392146
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-088	Work Order Complete		Invoiced	2018-01-31 11:15	\$1,984.20	2.4600	13,136.4000	\$1,984.20	2018-02-20	5340	392279
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152011-055	Work Order Complete		Invoiced	2018-02-01 12:00	\$1,745.52	2.4920	10,556.1120	\$1,745.52	2018-02-06	4236	393665
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152025-088	Work Order Complete		Invoiced	2018-02-07 10:00	\$869.50	0.4180	1,195.4800	\$263.01	2018-02-14	2860	393686
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152025-089	Work Order Complete		Invoiced	2018-02-05 10:00	\$1,320.26	1.2860	5,483.5040	\$924.92	2018-02-12	4264	393863
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152011-056	Work Order Complete		Invoiced	2018-02-06 9:15	\$1,984.20	2.4600	9,188.1000	\$1,984.20	2018-02-09	3735	394096
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-093	Work Order Complete		Invoiced	2018-02-08 16:30	\$1,897.44	2.0490	12,898.4550	\$1,850.80	2018-02-15	6295	394177
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-096	Work Order Complete		Invoiced	2018-02-05 17:30	\$679.16	0.9780	4,142.8080	\$679.16	2018-02-23	4236	394846
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-092	Work Order Complete		Invoiced	2018-02-07 11:30	\$1,820.94	1.9190	6,154.2330	\$1,383.93	2018-02-13	3207	395258
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-100	Work Order Complete		Invoiced	2018-02-08 10:00	\$1,978.00	4.9500	22,715.5500	\$1,978.00	2018-03-23	4589	395306
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152025-093	Work Order Complete		Invoiced	2018-02-12 11:00	\$1,219.35	0.7620	3,449.5740	\$641.19	2018-02-27	4527	395982
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-096	Work Order Complete		Invoiced	2018-02-09 15:30	\$2,529.49	1.6140	5,526.3360	\$696.49	2018-02-14	3424	396180
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-098	Work Order Complete		Invoiced	2018-02-12 10:30	\$469.75	1.2300	3,520.2600	\$469.75	2018-02-16	2862	396569
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-101	Work Order Complete		Invoiced	2018-02-13 13:15	\$1,830.21	0.9660	3,116.3160	\$420.21	2018-02-23	3226	397057
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-102	Work Order Complete		Invoiced	2018-03-14 11:00	\$6,684.13	7.9770	17,351.4240	\$2,825.27	2018-04-02	1992	397161
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152024-005	Work Order Complete		Invoiced	2018-03-22 12:00	\$1,625.00	1.3670	11,942.1120	\$1,537.46	2018-04-16	8736	398927
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-104	Work Order Complete		Invoiced	2018-03-06 13:30	\$334.96	1.2480	1,817.0880	\$334.96	2018-04-20	1456	398930
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-112	Work Order Complete		Invoiced	2018-02-22 11:30	\$462.41	1.2270	4,240.5120	\$462.41	2018-03-14	3456	399553
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-115	Work Order Complete		Invoiced	2018-03-06 15:00	\$420.84	0.4920	1,837.6200	\$420.84	2018-08-28	3735	399669
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-117	Work Order Complete		Invoiced	2018-03-06 17:00	\$1,397.94	1.7220	5,739.4260	\$1,292.67	2018-07-06	3333	399672
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-125	Work Order Complete		Invoiced	2018-03-02 13:00	\$1,984.20	2.4600	8,885.5200	\$1,984.20	2018-03-21	3612	401181
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152024-006	Work Order Complete		Invoiced	2018-03-23 9:00	\$1,728.84	2.6360	9,869.1840	\$1,728.84	2018-05-30	3744	401191
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-116	Work Order Complete		Invoiced	2018-03-09 10:00	\$1,696.44	0.9540	2,043.4680	\$309.94	2018-03-23	2142	401647
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152011-061	Work Order Complete		Invoiced	2018-02-28 13:30	\$1,996.78	2.5080	16,432.4160	\$1,996.78	2018-03-15	6552	402352
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152011-062	Work Order Complete		Invoiced	2018-02-28 14:30	\$1,984.20	2.4600	12,280.3200	\$1,984.20	2018-03-08	4992	402373
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152011-064	Work Order Complete		Invoiced	2018-03-01 10:00	\$1,984.20	2.4600	8,885.5200	\$1,984.20	2018-03-26	3612	402519
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152011-065	Work Order Complete		Invoiced	2018-03-01 11:00	\$1,593.36	1.9680	7,108.4160	\$1,593.36	2018-03-03	3612	402520
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152011-066	Work Order Complete		Invoiced	2018-03-01 11:00	\$1,984.20	2.4600	9,114.3000	\$1,984.20	2018-03-26	3705	402674
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-119	Work Order Complete		Invoiced	2018-03-01 13:00	\$1,170.31	2.8210	7,486.9340	\$1,170.31	2018-03-13	2654	402734
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152024-009	Work Order Complete		Invoiced	2018-03-22 9:00	\$5,036.58	1.2040	10,518.1440	\$807.80	2018-05-23	8736	404379
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152024-010	Work Order Complete		Invoiced	2018-03-22 11:00	\$564.00	0.2460	2,149.0560	\$472.79	2018-05-25	8736	

Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-128	Work Order Complete		Invoiced	2018-03-06 10:00	\$1,943.31	5.1500	18,601.8000	\$1,943.31	2018-04-12	3612	406689
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-122	Work Order Complete		Invoiced	2018-03-06 10:45	\$1,617.86	2.0680	7,618.5120	\$1,617.86	2018-03-23	3684	406720
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152024-012	Work Order Complete		Invoiced	2018-03-07 9:15	\$2,473.42	3.4120	12,692.6400	\$2,057.47	2018-03-26	3720	406988
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-129	Work Order Complete		Invoiced	2018-03-09 15:00	\$235.42	0.7320	1,982.9880	\$235.42	2018-03-28	2709	407051
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-125	Work Order Complete		Invoiced	2018-03-07 12:00	\$922.32	2.3730	5,581.2960	\$922.32	2018-03-20	2352	407139
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152024-013	Work Order Complete		Invoiced	2018-03-23 10:00	\$282.00	0.1200	1,048.3200	\$230.63	2018-05-25	8736	408188
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152024-014	Work Order Complete		Invoiced	2018-03-23 12:00	\$517.00	0.2530	2,210.2080	\$486.25	2018-05-25	8736	408192
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152024-015	Work Order Complete		Invoiced	2018-03-23 14:00	\$1,303.82	1.0240	8,945.6640	\$1,278.05	2018-08-01	8736	408203
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152017-003	Work Order Complete		Invoiced	2018-03-13 15:00	\$3,008.00	1.2800	9,811.2000	\$2,016.11	2018-05-01	7665	408258
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-132	Work Order Complete		Invoiced	2018-03-14 10:00	\$2,983.00	1.4920	11,436.1800	\$2,017.66	2018-04-05	7665	408338
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-133	Work Order Complete		Invoiced	2018-03-14 13:00	\$1,941.42	1.4260	9,564.1820	\$1,941.42	2018-03-23	6707	408398
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152017-004	Work Order Complete		Invoiced	2018-03-13 13:00	\$3,196.00	1.3600	10,424.4000	\$2,056.11	2018-04-27	7665	408626
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-135	Work Order Complete		Invoiced	2018-03-16 11:00	\$2,232.50	0.9840	7,542.3600	\$1,659.32	2018-04-17	7665	408882
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-135	Work Order Complete		Invoiced	2018-03-19 10:00	\$2,256.00	0.9660	7,404.3900	\$1,628.97	2018-04-20	7665	408918
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-136	Work Order Complete		Invoiced	2018-03-19 14:00	\$1,880.00	0.8000	6,132.0000	\$1,349.04	2018-04-17	7665	408921
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-139	Work Order Complete		Invoiced	2018-04-18 11:00	\$846.00	0.3840	2,943.3600	\$647.54	2018-05-11	7665	409477
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-140	Work Order Complete		Invoiced	2018-03-14 15:30	\$1,950.50	0.8790	6,737.5350	\$1,482.26	2018-04-17	7665	409486
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152024-016	Work Order Complete		Invoiced	2018-03-22 13:00	\$2,350.00	1.0700	8,201.5500	\$1,804.34	2018-04-17	7665	409506
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-141	Work Order Complete		Invoiced	2018-03-14 15:00	\$1,920.00	5.1840	18,356.5440	\$1,920.00	2018-03-21	3541	409724
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152024-019	Work Order Complete		Invoiced	2018-03-23 11:15	\$3,402.46	1.0210	8,919.4560	\$1,114.16	2018-08-01	8736	414760
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152017-005	Work Order Complete		Invoiced	2018-03-21 10:00	\$2,209.00	0.6130	4,698.6450	\$817.51	2018-05-11	7665	419281
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-145	Work Order Complete		Invoiced	2018-03-26 13:00	\$630.70	2.0980	4,829.5960	\$630.70	2018-05-03	2302	420282
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-147	Work Order Complete		Invoiced	2018-03-27 14:00	\$830.39	1.8540	10,619.7120	\$830.39	2018-04-04	5728	424147
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-144	Work Order Complete		Invoiced	2018-04-02 13:00	\$1,397.94	1.7220	6,431.6700	\$1,397.94	2018-04-13	3735	448684
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152011-068	Work Order Complete		Invoiced	2018-03-27 9:00	\$1,984.20	2.4600	9,552.1800	\$1,984.20	2018-04-11	3883	476727
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-152	Work Order Complete		Invoiced	2018-04-05 11:00	\$1,722.13	4.9900	13,667.6100	\$1,977.02	2018-04-24	2739	50131
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152017-007	Work Order Complete		Invoiced	2018-04-04 10:00	\$1,353.42	0.6460	2,501.3120	\$566.16	2018-04-20	3872	501840
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152011-069	Work Order Complete		Invoiced	2018-04-04 14:00	\$1,845.48	2.5360	9,160.0320	\$1,845.48	2018-04-20	3612	508739
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-158	Work Order Complete		Invoiced	2018-04-06 11:00	\$1,227.68	1.5720	6,014.4720	\$1,227.68	2018-04-14	3826	520395
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152017-008	Work Order Complete		Invoiced	2018-04-17 13:00	\$2,279.00	0.9730	7,458.0450	\$1,640.77	2018-05-01	7665	522006
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-150	Work Order Complete		Invoiced	2018-04-16 10:00	\$616.26	0.7380	2,665.6560	\$616.26	2018-04-24	3612	538507
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-160	Work Order Complete		Invoiced	2018-04-10 16:45	\$2,823.32	1.3810	10,585.3650	\$1,997.76	2018-05-01	7665	538602
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-162	Work Order Complete		Invoiced	2018-04-16 14:30	\$2,595.62	3.2940	13,943.5020	\$2,151.78	2018-04-25	4233	543969
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-153	Work Order Complete		Invoiced	2018-04-19 10:00	\$1,397.94	1.7220	6,219.8640	\$1,397.94	2018-05-01	3612	553626
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-154	Work Order Complete		Invoiced	2018-04-18 9:30	\$616.26	0.7380	2,756.4300	\$616.26	2018-04-27	3735	557095
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152011-070	Work Order Complete		Invoiced	2018-04-26 14:30	\$447.94	1.0920	4,088.4480	\$447.94	2018-05-04	3744	557212
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-170	Work Order Complete		Invoiced	2018-04-26 10:00	\$1,007.10	1.2150	3,291.4350	\$754.12	2018-05-03	2709	561520
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152024-020	Work Order Complete		Invoiced	2018-05-11 10:00	\$1,628.84	1.8050	15,768.4800	\$1,628.84	2018-08-02	8736	580542
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152024-021	Work Order Complete		Invoiced	2018-05-11 12:00	\$6,432.54	0.8780	7,670.2080	\$831.52	2018-05-25	8736	580546
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-159	Work Order Complete		Invoiced	2018-05-08 10:00	\$540.11	1.0170	5,552.8200	\$540.11	2018-05-11	5460	583996
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-160	Work Order Complete		Invoiced	2018-05-09 11:00	\$611.03	1.4580	5,266.2960	\$611.03	2018-05-16	3612	589293
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-161	Work Order Complete		Invoiced	2018-05-07 13:00	\$1,398.62	3.1040	12,155.2640	\$1,289.88	2018-05-16	3916	588214
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-162	Work Order Complete		Invoiced	2018-05-15 10:00	\$1,244.42	2.7720	17,058.8880	\$1,244.42	2018-07-20	6154	599880
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152024-026	Work Order Complete		Invoiced	2018-05-29 10:00	\$494.44	0.8630	7,539.1680	\$494.44	2018-08-21	8736	605687
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152024-027	Work Order Complete		Invoiced	2018-05-28 11:00	\$462.20	0.7640	6,674.3040	\$462.20	2018-08-21	8736	605691
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152024-028	Work Order Complete		Invoiced	2018-05-29 12:00	\$1,721.78	1.4620	12,772.0320	\$1,576.23	2018-06-18	8736	605693
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-169	Work Order Complete		Invoiced	2018-05-29 16:00	\$1,397.94	1.7220	6,405.8400	\$1,397.94	2018-06-20	3720	609179
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152024-024	Work Order Complete		Invoiced	2018-05-24 14:00	\$3,419.88	2.5520	12,897.8080	\$2,024.20	2018-06-07	5054	610194
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-170	Work Order Complete		Invoiced	2018-05-28 14:00	\$1,989.75	2.6760	10,053.7320	\$1,989.75	2018-06-12	3757	610283
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-171	Work Order Complete		Invoiced	2018-05-25 15:30	\$1,984.20	2.4600	12,157.3200	\$1,984.20	2018-06-13	4942	610966
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-172	Work Order Complete		Invoiced	2018-05-30 10:00	\$237.79	0.6510	1,756.3980	\$237.79	2018-06-13	2698	610970
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-173	Work Order Complete		Invoiced	2018-05-28 13:00	\$1,984.20	2.4600	8,885.5200	\$1,984.20	2018-06-20	3612	613175
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-175	Work Order Complete		Invoiced	2018-06-04 10:00	\$453.99	1.0020	2,494.9800	\$453.99	2018-06-13	2490	615290
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-180	Work Order Complete		Invoiced	2018-06-08 9:30	\$176.12	0.6720	1,897.7280	\$176.12	2018-08-28	2824	622086
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-183	Work Order Complete		Invoiced	2018-06-05 11:30	\$1,566.88	2.4180	8,733.8160	\$1,566.88	2018-06-18	3612	626368
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152024-029	Work Order Complete		Invoiced	2018-06-19 11:00	\$2,029.03	5.6550	17,440.0200	\$2,016.77	2018-06-29	3084	645424
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-189	Work Order Complete		Invoiced	2018-06-15 11:00	\$1,202.52	1.4760	5,331.3120	\$1,202.52	2018-06-25	3612	646316
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152024-030	Work Order Complete		Invoiced	2018-06-19 9:30	\$1,746.00	1.1800	5,656.9200	\$1,274.52	2018-06-25	4794	647381
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-192	Work Order Complete		Invoiced	2018-06-26 13:00	\$1,034.77	2.8430	8,113.9220	\$1,034.77	2018-07-13	2854	653584
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152017-012	Work Order Complete		Invoiced	2018-06-25 11:00	\$235.00	0.1150	1,004.6400	\$221.02	2018-06-29	8736	653650
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-183	Work Order Complete		Invoiced	2018-07-03 11:00	\$628.84	0.7860	1,369.9980	\$325.57	2018-07-10	1743	662732
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-197	Work Order Complete		Invoiced	2018-07-04 10:00	\$148.56	0.4560	1,301.4240	\$148.56	2018-07-12	2854	662763
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-204	Work Order Complete		Invoiced	2018-07-10 10:00	\$2,375.04	2.9520	8,085.5280	\$1,808.82	2018-07-17	2739	668475
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-185	Work Order Complete		Invoiced	2018-07-12 10:00	\$1,880.00	0.9200	6,689.3200	\$1,471.65	2018-08-24	7271	670731
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-186	Work Order Complete		Invoiced	2018-07-12 11:00	\$1,974.00	0.9660	6,504.0780	\$1,430.90	2018-07-26	6733	670849
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-188	Work Order Complete		Invoiced	2018-07-12 13:00	\$1,833.00	0.8970	5,668.1430	\$1,246.99	2018-07-30	6319	670876
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-189	Work Order Complete		Invoiced	2018-07-12 14:00	\$1,880.00	0.9200	5,692.9600	\$1,252.45	2018-07-24	6188	670947
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152020-206	Work Order Complete		Invoiced	2018-07-16 12:00	\$616.26	0.7380	2,328.3900	\$542.25	2018-07-20	3155	680630
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-192	Work Order Complete		Invoiced	2018-07-23 12:00	\$2,726.00	1.2920	8,288.1800	\$1,823.40	2018-08-23	6415	681296
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-195	Work Order Complete		Invoiced	2018-07-23 11:00	\$2,444.00	1.1960	8,338.5120	\$1,834.47	2018-08-31	6972	681439
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-196	Work Order Complete		Invoiced	2018-07-23 12:30	\$2,397.00	1.1730	8,95				

Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-198	Work Order Complete		Invoiced	2018-08-02 10:00	\$2,491.00	1.2190	8,246.5350	\$1,814.24	2018-08-29	6765	683519
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-200	Work Order Complete		Invoiced	2018-08-02 11:15	\$2,303.00	1.1270	7,082.0680	\$1,558.05	2018-08-30	6284	683525
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-201	Work Order Complete		Invoiced	2018-08-02 11:30	\$2,538.00	1.2420	8,564.8320	\$1,884.26	2018-08-23	6896	683526
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152023-203	Work Order Complete		Invoiced	2018-08-02 12:15	\$1,880.00	0.9200	5,868.6800	\$1,291.11	2018-08-31	6379	683530
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-001	Work Order Complete		Invoiced	2018-08-09 11:15	\$1,808.10	1.8270	12,540.5280	\$1,808.10	2018-08-28	6864	684324
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-002	Work Order Complete		Invoiced	2018-08-09 12:00	\$2,640.40	2.6680	17,616.8040	\$2,210.30	2018-08-28	6603	684327
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-003	Work Order Complete		Invoiced	2018-08-09 12:30	\$1,607.20	1.6240	11,083.8000	\$1,607.20	2018-09-18	6825	684330
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142020-002	Work Order Complete		Invoiced	2018-08-08 18:45	\$1,350.00	0.8000	4,076.8000	\$1,350.00	2018-09-24	5096	684362
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-007	Work Order Complete		Invoiced	2018-08-09 13:00	\$1,678.95	1.7070	10,711.4250	\$1,678.95	2018-08-27	6275	684449
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-008	Work Order Complete		Invoiced	2018-08-09 13:30	\$1,865.50	1.8850	12,919.7900	\$1,865.50	2018-08-29	6854	684451
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-009	Work Order Complete		Invoiced	2018-08-09 14:00	\$2,554.30	2.5760	18,070.6400	\$2,180.30	2018-08-27	7015	684453
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142020-011	Work Order Complete		Invoiced	2018-08-09 13:30	\$582.70	1.0890	8,464.7970	\$582.70	2018-10-29	7773	684463
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-012	Work Order Complete		Invoiced	2018-08-16 10:00	\$1,528.00	1.8040	12,050.7200	\$1,528.00	2018-08-30	6680	685299
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-013	Work Order Complete		Invoiced	2018-08-16 10:15	\$1,492.40	1.5080	10,735.4520	\$1,492.40	2018-09-06	7119	685301
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-014	Work Order Complete		Invoiced	2018-08-16 11:00	\$3,053.50	3.0810	19,582.8360	\$2,361.60	2018-09-11	6356	685385
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-015	Work Order Complete		Invoiced	2018-08-16 11:30	\$1,234.10	1.2470	7,790.0090	\$1,234.10	2018-09-18	6247	685386
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-016	Work Order Complete		Invoiced	2018-08-16 12:00	\$2,324.70	2.3490	16,088.3010	\$2,100.30	2018-09-17	6849	685388
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-017	Work Order Complete		Invoiced	2018-08-16 12:30	\$2,755.20	2.7640	19,173.8680	\$2,250.30	2018-09-11	6937	685391
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-018	Work Order Complete		Invoiced	2018-08-23 10:30	\$1,808.10	1.7220	5,166.0000	\$1,808.10	2018-09-27	3000	685402
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-019	Work Order Complete		Invoiced	2018-08-23 10:00	\$344.40	0.3280	984.0000	\$344.40	2018-09-21	3000	685412
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-022	Work Order Complete		Invoiced	2018-08-16 14:30	\$1,834.50	1.6260	10,061.6880	\$1,834.50	2018-10-04	6188	685464
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142020-012	Work Order Complete		Invoiced	2018-08-23 13:00	\$273.60	0.2620	1,314.1920	\$273.60	2018-09-14	5016	685591
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142037-004	Work Order Complete		Invoiced	2018-08-22 16:30	\$287.00	0.2900	1,231.9200	\$287.00	2018-11-09	4248	686300
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142011-001	Work Order Complete		Invoiced	2018-08-24 10:30	\$1,993.00	2.6750	9,694.2000	\$1,993.00	2018-09-26	3624	686434
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-027	Work Order Complete		Invoiced	2018-08-23 14:45	\$670.40	0.6620	2,891.6160	\$670.40	2018-10-01	4368	686486
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-028	Work Order Complete		Invoiced	2018-08-23 15:00	\$631.40	0.6380	1,857.8560	\$631.40	2018-08-30	2912	686489
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141014-001	Work Order Complete		Invoiced	2018-09-04 12:00	\$1,664.60	1.5080	11,558.8200	\$1,664.60	2018-11-06	7665	686533
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-030	Work Order Complete		Invoiced	2018-08-27 14:30	\$1,316.70	1.4750	9,661.2500	\$1,316.70	2018-09-12	6550	686728
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-031	Work Order Complete		Invoiced	2018-08-27 15:30	\$1,740.25	1.7210	10,990.3060	\$1,740.25	2018-09-12	6386	686731
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-032	Work Order Complete		Invoiced	2018-08-27 16:00	\$2,400.70	2.7390	17,170.7910	\$2,138.90	2018-09-13	6269	686733
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-033	Work Order Complete		Invoiced	2018-08-27 16:30	\$1,678.00	2.3890	16,080.3590	\$1,678.00	2018-10-24	6731	686734
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-034	Work Order Complete		Invoiced	2018-08-28 9:00	\$4,780.00	6.5740	15,751.3040	\$1,380.00	2018-08-29	2396	686787
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-035	Work Order Complete		Invoiced	2018-08-29 13:30	\$2,410.80	2.4360	16,182.3480	\$2,130.30	2018-09-14	6643	687331
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-036	Work Order Complete		Invoiced	2018-08-29 14:00	\$1,331.50	1.6610	11,839.6080	\$1,331.50	2018-09-17	7128	687333
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-037	Work Order Complete		Invoiced	2018-08-29 14:30	\$3,205.70	3.2950	22,363.1650	\$2,415.30	2018-10-29	6787	687335
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-039	Work Order Complete		Invoiced	2018-08-29 15:30	\$2,296.00	2.3200	14,504.6400	\$2,090.30	2018-09-13	6252	687343
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-040	Work Order Complete		Invoiced	2018-08-29 16:00	\$1,664.60	1.6760	11,120.2600	\$1,664.60	2018-09-17	6635	687345
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141014-002	Work Order Complete		Invoiced	2018-09-05 13:00	\$1,396.50	0.8690	4,306.7640	\$1,396.50	2018-11-15	4956	687392
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141014-003	Work Order Complete		Invoiced	2018-09-04 11:00	\$1,840.00	2.5580	7,034.5000	\$1,840.00	2018-10-29	2750	687736
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-041	Work Order Complete		Invoiced	2018-09-10 13:00	\$6,420.00	5.0400	18,365.7600	\$3,235.00	2018-12-17	3644	688492
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141014-006	Work Order Complete		Invoiced	2018-09-11 10:00	\$1,953.20	2.3270	5,235.7500	\$1,953.20	2018-11-12	2250	688511
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141014-007	Work Order Complete		Invoiced	2018-09-11 14:00	\$2,569.00	3.4790	7,827.7500	\$1,921.00	2018-10-01	2250	688538
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-051	Work Order Complete		Invoiced	2018-09-12 14:30	\$1,972.50	6.3310	17,207.6580	\$1,972.50	2018-12-04	2718	688772
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141014-009	Work Order Complete		Invoiced	2018-09-19 12:30	\$1,680.00	1.0500	4,578.0000	\$1,680.00	2018-11-05	4248	689154
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142020-013	Work Order Complete		Invoiced	2018-09-13 16:30	\$1,294.60	1.6830	4,136.8140	\$1,294.60	2018-11-19	2458	689158
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142020-014	Work Order Complete		Invoiced	2018-09-13 15:00	\$1,825.00	1.1620	4,936.1760	\$1,825.00	2018-10-29	4248	689180
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142020-015	Work Order Complete		Invoiced	2018-09-25 10:00	\$1,090.60	1.0720	3,884.9280	\$1,090.60	2018-11-15	3624	689923
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142011-002	Work Order Complete		Invoiced	2018-09-21 11:00	\$1,996.40	2.6740	9,690.5760	\$1,996.40	2018-10-04	3624	689927
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-003	Work Order Complete		Invoiced	2018-09-24 12:00	\$1,122.40	1.3160	6,193.0960	\$1,122.40	2018-10-01	4706	690326
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-054	Work Order Complete		Invoiced	2018-09-25 15:30	\$861.00	0.7800	3,151.2000	\$861.00	2018-11-05	4040	690564
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-005	Work Order Complete		Invoiced	2018-10-15 9:45	\$1,619.00	1.6950	4,942.6200	\$1,619.00	2018-11-02	2916	690823
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142020-019	Work Order Complete		Invoiced	2018-09-28 11:30	\$535.50	0.7950	2,881.0800	\$535.50	2018-11-05	3624	690968
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142020-021	Work Order Complete		Invoiced	2018-10-03 9:00	\$1,660.00	1.0800	4,017.6000	\$1,660.00	2018-12-04	3720	691311
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-006	Work Order Complete		Invoiced	2018-10-15 10:15	\$1,479.00	0.9890	4,782.8040	\$1,479.00	2018-11-22	4836	691332
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142020-022	Work Order Complete		Invoiced	2018-10-02 11:30	\$1,997.00	2.9850	13,736.9700	\$1,997.00	2018-11-05	4602	691333
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-009	Work Order Complete		Invoiced	2018-10-15 12:30	\$688.80	0.6560	5,028.2400	\$688.80	2018-11-01	7665	691854
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-010	Work Order Complete		Invoiced	2018-10-15 15:00	\$2,030.00	2.7680	6,659.8080	\$1,780.00	2018-10-30	2406	692064
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-011	Work Order Complete		Invoiced	2018-10-22 13:00	\$1,993.00	2.8250	11,825.4500	\$1,993.00	2018-11-27	4186	692096
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-012	Work Order Complete		Invoiced	2018-10-25 9:00	\$1,771.00	1.2330	7,180.9920	\$1,771.00	2018-11-27	5824	692258
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-013	Work Order Complete		Invoiced	2018-10-22 14:00	\$2,580.00	3.2580	8,415.7200	\$1,955.00	2018-11-29	2500	692265
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-015	Work Order Complete		Invoiced	2018-10-22 12:00	\$606.00	0.5920	2,724.3840	\$606.00	2018-12-24	4602	692284
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-019	Work Order Complete		Invoiced	2018-11-05 11:00	\$344.40	0.3120	1,214.9280	\$344.40	2018-11-22	3894	692553
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-055	Work Order Complete		Invoiced	2018-10-12 10:00	\$344.40	0.3480	3,040.1280	\$344.40	2018-11-30	8736	692717
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-020	Work Order Complete		Invoiced	2018-10-15 12:00	\$717.95	1.9360	5,324.0000	\$717.95	2018-11-14	2750	692729
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142020-023	Work Order Complete		Invoiced	2018-10-17 14:00	\$1,996.00	1.1780	6,003.0880	\$1,996.00	2018-11-27	5096	692738
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142020-024	Work Order Complete		Invoiced	2018-10-17 10:00	\$829.50	0.8470	3,069.5280	\$829.50	2018-11-21	3624	693113
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-027	Work Order Complete		Invoiced	2018-11-05 14:45	\$1,639.00	1.0660	5,099.7440	\$1,639.00	2018-12-06	4784	693962
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-028	Work Order Complete		Invoiced	2018-10-22 14:45	\$2,080.00	2.5660	6,685.7200	\$1,955.00	2018-11-24	2500	693964
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-029	Work Order Complete		Invoiced	2018-11-06 9:30	\$803.60	0.7280	3,077.9840	\$803.60	2018-11-22	4228	693972
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-030	Work Order Complete		Invoiced	2018-11-06 11:00	\$1,999.00	2.0460	11,171.1600	\$1,999.00	2018-11-19	5460	693978
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-031	Work Order Complete		Invoiced	2018-11-							

Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-035	Work Order Complete		Invoiced	2018-11-12 13:15	\$1,053.00	0.7030		6,141.4080	\$1,053.00	2018-11-21	8736	694960
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-057	Work Order Complete		Invoiced	2018-10-31 14:00	\$2,402.10	2.5850		17,262.6300	\$2,107.30	2018-11-15	6678	695121
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-036	Work Order Complete		Invoiced	2018-11-20 9:15	\$1,878.50	1.4300		3,575.0000	\$1,878.50	2018-12-31	2500	695298
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-037	Work Order Complete		Invoiced	2018-11-12 14:45	\$1,104.00	0.7340		4,529.5140	\$1,104.00	2018-12-24	6171	695489
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-058	Work Order Complete		Invoiced	2018-11-05 12:00	\$688.80	0.6480		2,580.3360	\$688.80	2018-11-21	3982	695609
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142020-029	Work Order Complete		Invoiced	2018-11-02 15:00	\$1,313.00	0.8850		4,509.9600	\$1,313.00	2018-11-29	5096	695630
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-038	Work Order Complete		Invoiced	2018-11-05 12:30	\$840.00	0.5600		3,165.6800	\$840.00	2018-11-30	5653	695797
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-039	Work Order Complete		Invoiced	2018-11-05 14:00	\$2,488.00	2.6700		7,342.5000	\$1,921.00	2018-12-07	2750	695837
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-060	Work Order Complete		Invoiced	2018-11-06 11:00	\$393.10	0.3710		1,620.5280	\$393.10	2018-12-07	4368	695997
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-061	Work Order Complete		Invoiced	2018-11-07 12:15	\$778.00	0.9030		3,196.6200	\$778.00	2018-11-21	3540	696200
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-040	Work Order Complete		Invoiced	2018-11-12 9:00	\$795.00	0.4650		2,350.1100	\$795.00	2018-11-29	5054	696236
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-046	Work Order Complete		Invoiced	2018-11-20 13:30	\$243.00	0.1430		726.7260	\$243.00	2018-12-13	5082	696980
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142020-030	Work Order Complete		Invoiced	2018-11-16 14:00	\$1,921.00	2.1070		9,970.3240	\$1,921.00	2018-12-05	4732	697244
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-050	Work Order Complete		Invoiced	2018-11-28 11:30	\$1,940.00	1.3900		8,073.1200	\$1,940.00	2018-12-05	5808	697266
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142020-031	Work Order Complete		Invoiced	2018-11-16 15:00	\$631.00	0.7590		2,052.3360	\$631.00	2018-12-18	2704	697269
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-062	Work Order Complete		Invoiced	2018-11-16 13:00	\$1,400.00	1.6810		5,456.5260	\$1,136.00	2018-12-11	3246	697640
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-063	Work Order Complete		Invoiced	2018-11-16 13:30	\$604.00	0.7020		1,958.5800	\$604.00	2018-11-29	2790	697648
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-064	Work Order Complete		Invoiced	2018-11-19 13:00	\$1,950.00	2.2340		8,422.1800	\$1,950.00	2018-12-07	3770	697894
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-051	Work Order Complete		Invoiced	2018-11-20 13:00	\$1,231.00	1.1690		6,808.2560	\$1,231.00	2018-12-10	5824	698154
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-066	Work Order Complete		Invoiced	2018-11-26 11:00	\$1,740.50	2.1720		6,733.2000	\$1,740.50	2018-12-11	3100	698810
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-054	Work Order Complete		Invoiced	2018-11-28 15:00	\$2,206.00	1.4680		7,480.9280	\$1,972.00	2018-12-18	5096	698850
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-057	Work Order Complete		Invoiced	2018-12-05 10:00	\$810.00	0.5350		2,136.2550	\$810.00	2018-12-24	3993	698993
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	141019-058	Work Order Complete		Invoiced	2018-12-05 12:00	\$459.20	0.4160		1,425.2160	\$459.20	2018-12-24	3426	699001
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-070	Work Order Complete		Invoiced	2018-12-05 12:00	\$1,647.75	2.2520		6,472.2480	\$1,647.75	2018-12-27	2874	699773
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-071	Work Order Complete		Invoiced	2018-12-05 14:30	\$594.00	0.5380		2,349.9840	\$594.00	2018-12-27	4368	699917
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	142023-072	Work Order Complete		Invoiced	2018-12-05 14:15	\$1,725.90	1.8280		7,889.6480	\$1,725.90	2018-12-27	4316	699951
Enersource Hydro Mississauga Inc.	Business	Small Business Lighting CFF	152025-078	Work Order Complete		Invoiced	2018-01-03 14:15	\$1,222.00	0.5980		5,224.1280	\$1,149.31	2018-01-24	8736	98828
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-069	Work Order Complete		Invoiced	2018-05-03 15:15	\$2,536.36	2.9520		8,085.5280	\$1,808.82	2018-07-11	2739	173374
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-183	Work Order Complete		Invoiced	2017-07-20 15:45	\$3,337.00	1.5790		13,794.1440	\$2,236.87	2018-01-11	8736	189525
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-563	Work Order Complete		Invoiced	2017-07-26 13:45	\$3,352.14	4.1820		10,413.1800	\$2,066.62	2018-09-10	2490	192514
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-712	Work Order Complete		Invoiced	2017-11-02 15:30	\$700.94	2.0690		4,829.0460	\$700.94	2018-01-04	2334	364525
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-271	Work Order Complete		Invoiced	2017-11-06 10:15	\$2,256.00	1.1040		5,209.7760	\$1,146.15	2018-01-24	4719	366137
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-272	Work Order Complete		Invoiced	2017-11-03 13:00	\$121.98	0.2820		1,243.0560	\$121.98	2018-07-24	4408	366210
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-012	Work Order Complete		Invoiced	2018-08-21 14:00	\$1,061.90	1.0130		8,849.5680	\$1,061.90	2018-09-13	8736	370248
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-733	Work Order Complete		Invoiced	2017-11-15 9:00	\$1,146.75	1.3810		6,336.7260	\$866.50	2018-01-29	4682	370266
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-743	Work Order Complete		Invoiced	2017-11-24 14:30	\$1,880.00	0.9200		3,665.2800	\$806.36	2018-07-18	3984	373034
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-748	Work Order Complete		Invoiced	2017-11-27 11:00	\$1,626.31	2.3680		7,155.9610	\$1,194.78	2018-01-08	2701	373551
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-749	Work Order Complete		Invoiced	2017-11-22 11:30	\$1,977.70	5.3660		22,671.3500	\$1,977.70	2018-02-21	4225	373693
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-750	Work Order Complete		Invoiced	2017-12-07 09:00	\$1,997.88	5.1890		20,148.8870	\$1,997.88	2018-01-25	3883	373762
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-755	Work Order Complete		Invoiced	2017-11-22 15:45	\$1,151.01	2.9970		9,365.6250	\$1,479.87	2018-01-04	3125	374331
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-773	Work Order Complete		Invoiced	2017-12-01 13:00	\$924.68	2.3770		6,439.2930	\$924.68	2018-01-17	2709	376757
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-779	Work Order Complete		Invoiced	2018-01-02 12:00	\$1,156.49	2.8290		8,515.2900	\$1,156.49	2018-09-17	3010	377847
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-780	Work Order Complete		Invoiced	2017-12-05 9:30	\$1,467.37	1.8600		4,051.0800	\$527.37	2018-01-05	2178	378298
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-782	Work Order Complete		Invoiced	2017-12-04 10:00	\$1,279.57	5.0970		14,449.9950	\$1,477.25	2018-01-17	2835	379384
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-785	Work Order Complete		Invoiced	2017-12-06 11:00	\$412.11	1.2210		5,172.1560	\$412.11	2018-01-25	4236	379476
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-279	Work Order Complete		Invoiced	2017-12-11 15:00	\$249.76	0.5940		2,563.7040	\$249.76	2018-01-17	4316	380922
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-790	Work Order Complete		Invoiced	2017-12-08 14:15	\$1,549.40	4.6110		18,826.7130	\$1,549.40	2018-01-04	4083	381560
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-283	Work Order Complete		Invoiced	2017-12-18 10:00	\$564.00	0.2760		2,411.1360	\$530.45	2018-01-04	8736	382356
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-792	Work Order Complete		Invoiced	2017-12-13 10:30	\$1,692.00	0.7260		3,587.8920	\$789.34	2018-02-07	4942	382447
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-793	Work Order Complete		Invoiced	2017-12-18 10:00	\$1,316.00	0.5990		2,748.8110	\$604.74	2018-02-07	4589	382451
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-794	Work Order Complete		Invoiced	2017-12-12 14:30	\$1,202.52	1.4760		4,580.0280	\$1,037.61	2018-01-04	3103	382991
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-795	Work Order Complete		Invoiced	2017-12-14 11:00	\$3,854.00	1.6400		9,841.6400	\$2,033.93	2018-01-22	6001	383064
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-796	Work Order Complete		Invoiced	2017-12-14 9:30	\$244.40	0.5320		1,656.6480	\$244.40	2018-01-04	3114	383301
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-797	Work Order Complete		Invoiced	2017-12-15 9:30	\$2,727.42	1.3590		3,778.0200	\$565.42	2018-01-11	2780	383409
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-798	Work Order Complete		Invoiced	2017-12-15 11:30	\$911.60	2.1780		14,697.1440	\$911.60	2018-01-11	6748	383754
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-291	Work Order Complete		Invoiced	2017-12-21 10:30	\$517.00	0.2530		1,205.2920	\$265.16	2018-01-04	4764	384047
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-803	Work Order Complete		Invoiced	2017-12-19 11:15	\$239.82	0.8820		4,358.8440	\$239.82	2018-01-17	4942	384358
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-804	Work Order Complete		Invoiced	2017-12-19 13:15	\$743.65	0.6370		5,396.6640	\$685.81	2018-01-04	8472	384401
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-805	Work Order Complete		Invoiced	2017-12-21 11:15	\$1,967.63	4.2180		18,432.6600	\$1,967.63	2018-01-05	4370	384722
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-807	Work Order Complete		Invoiced	2018-01-08 11:00	\$239.02	0.8360		2,221.2520	\$239.02	2018-01-22	2657	385362
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-207	Work Order Complete		Invoiced	2017-11-08 10:00	\$3,047.28	4.2270		13,792.6500	\$1,874.36	2018-01-08	2950	38760
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-297	Work Order Complete		Invoiced	2018-01-15 10:00	\$2,822.84	1.8390		11,076.2970	\$1,838.78	2018-03-01	6023	388060
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-812	Work Order Complete		Invoiced	2018-01-16 10:00	\$898.40	4.1050		10,311.7600	\$1,132.33	2018-01-24	2512	388146
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-813	Work Order Complete		Invoiced	2018-01-15 13:30	\$506.89	1.3890		8,335.3890	\$365.89	2018-01-22	6001	388495
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-814	Work Order Complete		Invoiced	2018-01-19 11:00	\$721.16	1.8040		9,552.1800	\$765.60	2018-02-09	5295	389091
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-815	Work Order Complete		Invoiced	2018-01-24 10:30	\$217.71	0.7140		2,141.2860	\$217.71	2018-02-20	2999	389122
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-816	Work Order Complete		Invoiced	2018-01-17 11:45	\$492.00	1.0580		8,963.3760	\$1,971.94	2018-02-01	8472	389126
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-298	Work Order Complete		Invoiced	2018-01-18 11:00	\$1,991.43	6.1740		37,562.6160	\$2,231.43	2018-02-02	6084	389274
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-818	Work Order Complete		Invoiced	2018-01-22 10:00	\$1,084.51	2.8350		11,008.3050	\$1,084.51	2018-06-11	3883	389517
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-299	Work Order Complete		Invoiced	2018-01-19 16:30	\$1,132.74	2.6040		16,475.5080	\$1,132.74	2018-04-03	6327	389727
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-823												

Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-827	Work Order Complete		Invoiced	2018-01-25 15:30	\$1,978.00	7.2240	30,600.8640	\$1,978.00	2018-02-20	4236	391712
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-304	Work Order Complete		Invoiced	2018-01-29 11:00	\$423.00	0.1950	633.3600	\$139.34	2018-03-13	3248	391878
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-305	Work Order Complete		Invoiced	2018-01-26 15:15	\$616.26	0.7380	2,388.9060	\$555.56	2018-05-22	3237	392099
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-306	Work Order Complete		Invoiced	2018-01-26 15:30	\$1,007.10	1.2300	3,675.2400	\$838.55	2018-02-26	2988	392109
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-308	Work Order Complete		Invoiced	2018-01-31 16:00	\$2,188.34	0.6840	3,307.1400	\$308.34	2018-03-16	4835	393001
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-829	Work Order Complete		Invoiced	2018-02-01 10:00	\$3,713.00	2.1780	11,532.5100	\$2,184.51	2018-02-20	5295	393005
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-831	Work Order Complete		Invoiced	2018-02-06 10:00	\$4,277.00	1.0640	9,014.2080	\$1,983.13	2018-03-09	8472	393434
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-311	Work Order Complete		Invoiced	2018-02-05 13:00	\$568.72	2.9680	4,784.4160	\$560.65	2018-02-21	1612	394163
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-832	Work Order Complete		Invoiced	2018-02-05 11:15	\$229.04	0.8400	2,353.6800	\$229.04	2018-02-20	2802	394576
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-833	Work Order Complete		Invoiced	2018-02-05 15:45	\$1,788.78	2.2140	6,712.8480	\$1,506.83	2018-03-27	3032	394790
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-834	Work Order Complete		Invoiced	2018-02-07 13:00	\$780.00	0.3500	1,528.8000	\$366.34	2018-03-02	3883	394805
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-835	Work Order Complete		Invoiced	2018-02-08 10:00	\$308.34	0.8020	2,714.7700	\$308.34	2018-03-22	3385	394934
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-316	Work Order Complete		Invoiced	2018-02-09 10:00	\$118.56	0.2700	594.0000	\$118.56	2018-02-20	2200	395027
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-839	Work Order Complete		Invoiced	2018-02-09 11:00	\$1,229.81	0.6930	3,914.0640	\$759.34	2018-04-03	5648	395287
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-841	Work Order Complete		Invoiced	2018-02-12 12:00	\$389.98	7.5840	14,174.4960	\$1,987.64	2018-02-21	1869	395302
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-842	Work Order Complete		Invoiced	2018-02-07 18:45	\$771.08	2.6040	6,770.4000	\$771.08	2018-02-20	2600	395359
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-843	Work Order Complete		Invoiced	2018-02-13 11:00	\$281.71	0.8010	3,351.3840	\$281.71	2018-03-16	4184	395407
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302024-001	Work Order Complete		Invoiced	2018-02-13 11:00	\$1,930.56	2.0270	17,756.5200	\$1,790.90	2018-03-02	8760	395579
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302024-002	Work Order Complete		Invoiced	2018-02-13 13:00	\$2,512.74	2.8580	25,036.0800	\$2,087.02	2018-03-07	8760	395580
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-845	Work Order Complete		Invoiced	2018-02-08 14:00	\$674.90	2.1630	11,613.1470	\$674.90	2018-04-17	5369	395738
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-846	Work Order Complete		Invoiced	2018-02-08 16:15	\$929.57	3.2430	14,596.7430	\$929.57	2018-02-20	4501	395834
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-847	Work Order Complete		Invoiced	2018-02-12 15:30	\$3,575.56	11.0760	45,283.2480	\$3,963.07	2018-04-12	4028	396747
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-326	Work Order Complete		Invoiced	2018-02-12 17:45	\$811.68	0.9840	2,940.1920	\$676.84	2018-05-22	2988	396820
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-848	Work Order Complete		Invoiced	2018-02-20 10:00	\$164.42	0.6330	1,707.8340	\$164.42	2018-03-08	2698	396973
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-850	Work Order Complete		Invoiced	2018-02-21 13:00	\$213.86	1.3050	11,055.9600	\$894.62	2018-04-03	8472	397169
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-852	Work Order Complete		Invoiced	2018-02-16 12:00	\$178.06	0.5460	1,533.1680	\$178.06	2018-03-08	2808	397446
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-856	Work Order Complete		Invoiced	2018-02-23 10:00	\$2,520.32	1.7970	11,698.8440	\$1,819.69	2018-03-28	8472	397584
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-332	Work Order Complete		Invoiced	2018-02-14 17:30	\$652.00	2.1200	12,404.1200	\$652.00	2018-03-16	5851	397690
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-859	Work Order Complete		Invoiced	2018-03-01 10:00	\$1,490.20	2.4030	20,358.2160	\$1,403.43	2018-07-12	8472	398038
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-335	Work Order Complete		Invoiced	2018-02-20 11:30	\$1,316.00	0.6090	3,150.3570	\$693.08	2018-03-16	5173	398365
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-869	Work Order Complete		Invoiced	2018-02-22 11:00	\$113.22	0.4800	1,372.8000	\$125.80	2018-03-08	2860	399699
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-870	Work Order Complete		Invoiced	2018-02-22 15:15	\$1,056.96	2.4360	5,892.6840	\$1,056.96	2018-03-08	2419	399932
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-871	Work Order Complete		Invoiced	2018-02-22 16:15	\$1,729.12	2.9320	15,955.9440	\$1,729.12	2018-04-30	5442	399979
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-348	Work Order Complete		Invoiced	2018-02-06 9:30	\$302.98	0.8480	1,935.1360	\$302.98	2018-04-03	2282	401931
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-355	Work Order Complete		Invoiced	2018-03-06 16:00	\$2,326.50	1.0560	8,094.2400	\$1,780.73	2018-04-18	7665	403065
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-356	Work Order Complete		Invoiced	2018-03-08 9:00	\$2,116.66	1.1370	8,715.1050	\$1,645.69	2018-04-18	7665	403188
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-357	Work Order Complete		Invoiced	2018-03-07 15:00	\$2,585.00	1.1090	8,500.4850	\$1,870.11	2018-04-18	7665	403270
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-879	Work Order Complete		Invoiced	2018-03-13 10:00	\$1,137.96	1.3740	11,640.5280	\$1,137.96	2018-03-23	8472	406360
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-880	Work Order Complete		Invoiced	2018-03-06 9:00	\$1,984.10	7.1180	23,197.5620	\$1,984.10	2018-08-01	3259	406703
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-360	Work Order Complete		Invoiced	2018-03-09 17:00	\$1,984.20	2.4600	9,525.1200	\$1,984.20	2018-05-10	3872	406794
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-881	Work Order Complete		Invoiced	2018-03-13 13:00	\$1,551.00	0.8630	6,614.8950	\$1,455.28	2018-06-08	7665	406872
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-361	Work Order Complete		Invoiced	2018-03-06 14:30	\$753.59	0.5540	1,241.5140	\$189.59	2018-07-18	2241	406887
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-882	Work Order Complete		Invoiced	2018-03-07 11:45	\$1,880.00	1.5200	9,658.0800	\$1,880.00	2018-04-02	6354	407121
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-883	Work Order Complete		Invoiced	2018-03-07 14:30	\$499.37	1.8280	9,224.0880	\$499.37	2018-04-03	5046	408002
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-362	Work Order Complete		Invoiced	2018-03-09 10:00	\$1,880.00	0.8550	6,553.5750	\$1,441.79	2018-04-18	7665	408189
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-365	Work Order Complete		Invoiced	2018-03-12 16:00	\$1,316.00	0.5600	4,292.4000	\$944.33	2018-04-18	7665	408550
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-367	Work Order Complete		Invoiced	2018-03-14 12:00	\$3,045.74	1.5500	11,880.7500	\$2,053.85	2018-05-16	7665	408576
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-369	Work Order Complete	Cost Share	Invoiced	2018-03-13 9:00	\$611.00	0.2630	2,015.8950	\$443.50	2018-05-15	7665	408892
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-371	Work Order Complete		Invoiced	2018-03-12 18:30	\$3,102.00	1.3200	10,117.8000	\$2,036.11	2018-05-28	7665	409200
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302024-003	Work Order Complete		Invoiced	2018-03-29 9:30	\$602.55	0.7790	6,805.3440	\$560.42	2018-04-25	8736	413565
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302024-004	Work Order Complete		Invoiced	2018-03-29 11:30	\$3,179.02	2.4430	21,342.0480	\$2,220.19	2018-06-08	8736	413566
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-374	Work Order Complete		Invoiced	2018-03-20 14:00	\$2,538.00	1.1580	8,876.0700	\$1,884.42	2018-05-15	7665	413579
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-376	Work Order Complete		Invoiced	2018-03-21 11:30	\$3,478.00	1.4800	11,344.2000	\$2,116.11	2018-05-09	7665	413974
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-378	Work Order Complete		Invoiced	2018-03-20 15:30	\$1,480.50	0.6300	4,828.9500	\$1,062.37	2018-05-09	7665	414634
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-379	Work Order Complete		Invoiced	2018-05-25 17:00	\$475.22	1.3480	3,581.6360	\$475.22	2018-06-11	2657	414720
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-381	Work Order Complete		Invoiced	2018-03-22 12:30	\$2,203.06	1.5760	12,080.0400	\$1,706.91	2018-05-09	7665	414782
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-383	Work Order Complete		Invoiced	2018-02-06 18:00	\$1,146.00	0.5900	2,761.2000	\$300.00	2018-08-16	4680	416748
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-892	Work Order Complete		Invoiced	2018-03-26 15:00	\$2,123.14	5.3810	14,238.1260	\$2,070.07	2018-05-04	2646	421109
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-893	Work Order Complete		Invoiced	2018-03-22 14:00	\$1,999.68	4.5380	23,756.4300	\$1,999.68	2018-03-27	5235	421139
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-388	Work Order Complete		Invoiced	2018-03-22 15:30	\$2,585.00	1.1750	9,006.3750	\$1,981.40	2018-04-25	7665	423564
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-389	Work Order Complete		Invoiced	2018-03-22 16:30	\$2,632.00	1.1200	8,584.8000	\$1,888.66	2018-05-09	7665	423700
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-894	Work Order Complete		Invoiced	2018-03-21 12:30	\$2,839.22	1.5920	12,202.6800	\$2,014.30	2018-04-25	7665	424281
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-895	Work Order Complete		Invoiced	2018-03-21 14:00	\$2,517.82	1.3120	10,056.4800	\$1,938.98	2018-04-25	7665	424822
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-896	Work Order Complete		Invoiced	2018-03-21 16:35	\$3,221.16	1.4620	11,206.2300	\$2,094.89	2018-05-16	7665	425745
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-897	Work Order Complete		Invoiced	2018-03-28 11:00	\$940.00	0.4820	3,481.9680	\$766.03	2018-05-28	7224	486018
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-899	Work Order Complete		Invoiced	2018-04-02 15:15	\$1,593.58	4.0700	11,916.9600	\$1,593.58	2018-04-17	2928	497414
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-902	Work Order Complete		Invoiced	2018-04-04 11:00	\$1,485.42	6.5920	8,602.5600	\$1,406.20	2018-04-19	1305	501146
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-908	Work Order Complete		Invoiced	2018-04-06 13:45	\$390.00	0.9100	1,954.6800	\$390.00	2018-04-17	2148	521637
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-909	Work Order Complete		Invoiced	2018-04-12 10:00	\$423.00	0.2070	1,753.7040	\$385.81	2018-05-26	8472	521686
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-914	Work Order Complete		Invoiced	2018-04-17 11:30	\$535.04	2.3210	8,504.1440	\$535.04	2018-04-30	3664	522228
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-916	Work Order Complete		Invoiced	2018-04-17 15:15	\$205.56	0.7560	2,004.9120	\$205.56	2018-05-23	2652	553816
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-917	Work Order Complete		Invoiced	2018-04-20 11:00	\$1,593.36	3.2640	9,752.8320	\$1,795.91	2018-07-17	2988	557124
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-918	Work Order Complete		Invoiced	2018-04-18 12							

Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-921	Work Order Complete		Invoiced	2018-04-23 15:00	\$420.84	0.6680	2,239.1360	\$417.98	2018-07-17	3352	567213
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-393	Work Order Complete		Invoiced	2018-04-30 10:00	\$1,630.16	6.3500	23,856.9500	\$1,630.16	2018-05-16	3757	571103
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-927	Work Order Complete		Invoiced	2018-04-25 15:15	\$811.68	0.9840	3,053.3520	\$701.74	2018-05-18	3103	571110
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-928	Work Order Complete		Invoiced	2018-04-26 12:15	\$421.78	1.0240	2,891.7760	\$421.78	2018-05-17	2824	573643
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-396	Work Order Complete		Invoiced	2018-05-07 9:45	\$1,997.16	8.7630	37,821.1080	\$2,554.64	2018-08-27	4316	586327
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-937	Work Order Complete		Invoiced	2018-05-10 10:30	\$1,202.52	1.3860	4,645.8720	\$1,052.09	2018-06-01	3352	598090
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-938	Work Order Complete		Invoiced	2018-05-10 14:30	\$2,196.08	8.5700	35,719.7600	\$2,074.80	2018-06-04	4168	598130
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-950	Work Order Complete		Invoiced	2018-05-18 11:00	\$410.16	1.3380	4,221.3900	\$460.48	2018-06-01	3155	605661
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-958	Work Order Complete		Invoiced	2018-05-23 11:30	\$1,224.28	3.7730	15,982.4280	\$1,224.28	2018-06-13	4236	609136
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-960	Work Order Complete		Invoiced	2018-05-25 11:00	\$480.00	1.2960	3,886.7040	\$480.00	2018-06-01	2999	609230
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-963	Work Order Complete		Invoiced	2018-05-29 11:00	\$282.11	1.0410	3,267.6990	\$282.11	2018-06-12	3139	610142
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-967	Work Order Complete		Invoiced	2018-05-25 14:45	\$570.98	1.4780	3,312.1980	\$570.98	2018-06-13	2241	611171
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-970	Work Order Complete		Invoiced	2018-05-28 14:00	\$511.56	1.1760	3,575.0400	\$511.56	2018-06-18	3040	613299
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-971	Work Order Complete		Invoiced	2018-05-30 13:00	\$1,801.02	4.1440	8,835.0080	\$1,821.27	2018-06-22	2132	613345
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-974	Work Order Complete		Invoiced	2018-05-31 10:00	\$1,202.52	1.4760	4,580.0280	\$1,037.61	2018-06-28	3103	614217
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-975	Work Order Complete		Invoiced	2018-06-01 14:30	\$1,202.52	1.4760	3,675.2400	\$838.55	2018-06-27	2490	614468
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-983	Work Order Complete		Invoiced	2018-06-04 14:00	\$811.68	0.9840	2,899.8480	\$667.97	2018-07-20	2947	626328
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-991	Work Order Complete		Invoiced	2018-06-11 14:30	\$421.02	0.7020	5,947.3440	\$421.02	2018-09-05	8472	643077
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-992	Work Order Complete		Invoiced	2018-06-14 9:00	\$1,979.00	6.2850	18,917.8500	\$1,979.00	2018-06-26	3010	645899
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-998	Work Order Complete		Invoiced	2018-06-18 10:00	\$214.54	0.7880	2,158.3320	\$214.54	2018-06-29	2739	648281
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-1000	Work Order Complete		Invoiced	2018-06-15 10:00	\$881.94	1.8680	5,719.8160	\$881.94	2018-06-29	3062	648287
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-1007	Work Order Complete		Invoiced	2018-06-22 11:00	\$745.84	1.1700	3,720.6000	\$745.84	2018-07-13	3180	654740
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-404	Work Order Complete		Invoiced	2018-06-20 13:30	\$415.75	1.1200	3,441.7600	\$415.75	2018-07-18	3073	654817
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-1009	Work Order Complete		Invoiced	2018-06-21 16:45	\$968.96	2.2560	9,150.3360	\$968.96	2018-07-23	4056	656203
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302017-405	Work Order Complete		Invoiced	2018-07-05 10:30	\$1,504.00	0.7660	6,691.7760	\$1,420.12	2018-07-26	8736	666716
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-1020	Work Order Complete		Invoiced	2018-07-09 10:00	\$351.29	0.7880	2,339.5720	\$351.29	2018-07-18	2969	668468
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-014	Work Order Complete		Invoiced	2018-08-09 10:00	\$1,435.00	1.3060	8,081.5280	\$1,435.00	2018-08-28	6188	670611
Horizon Utilities Corporation	Business	Small Business Lighting CFF	302007-1035	Work Order Complete		Invoiced	2018-07-13 14:00	\$745.56	2.4090	8,378.5020	\$745.56	2018-07-24	3478	670962
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-013	Work Order Complete		Invoiced	2018-08-07 10:00	\$1,921.00	2.7370	9,404.3320	\$1,921.00	2018-12-11	3436	681915
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-001	Work Order Complete		Invoiced	2018-08-09 16:00	\$966.10	0.9690	5,895.3960	\$966.10	2018-09-27	6084	684502
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-004	Work Order Complete		Invoiced	2018-08-13 14:00	\$223.00	1.0640	6,137.1520	\$223.00	2018-09-13	5768	684672
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-005	Work Order Complete		Invoiced	2018-08-14 9:30	\$1,435.00	1.3000	7,436.0000	\$1,435.00	2018-08-29	5720	684981
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-007	Work Order Complete		Invoiced	2018-08-23 9:30	\$2,841.30	2.4860	12,430.0000	\$2,151.60	2018-09-19	5000	685775
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-008	Work Order Complete		Invoiced	2018-08-23 9:30	\$1,934.20	2.0260	13,314.8720	\$1,934.20	2018-09-19	6572	685776
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-009	Work Order Complete		Invoiced	2018-08-21 11:30	\$1,951.60	1.7680	9,285.5360	\$1,951.60	2018-12-14	5252	685799
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-010	Work Order Complete		Invoiced	2018-08-21 9:00	\$1,750.70	1.5890	7,932.2880	\$1,750.70	2018-10-09	4992	685800
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-020	Work Order Complete		Invoiced	2018-08-23 16:15	\$1,951.60	1.7680	11,492.0000	\$1,951.60	2018-09-18	6500	686511
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-017	Work Order Complete		Invoiced	2018-08-31 10:30	\$3,845.80	3.4840	11,176.6720	\$2,611.60	2018-09-27	3208	686527
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-018	Work Order Complete		Invoiced	2018-08-31 9:30	\$1,808.10	1.6950	5,508.7500	\$1,808.10	2018-09-26	3250	686540
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-019	Work Order Complete		Invoiced	2018-09-21 14:30	\$5,070.95	7.3840	37,525.4880	\$2,854.55	2018-11-09	5082	686543
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-022	Work Order Complete		Invoiced	2018-08-31 14:00	\$1,409.40	2.9490	8,723.1420	\$1,440.40	2018-10-10	2958	687184
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-025	Work Order Complete		Invoiced	2018-09-07 11:00	\$401.80	0.4060	2,047.8640	\$401.80	2018-10-05	5044	688248
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-027	Work Order Complete		Invoiced	2018-09-21 9:30	\$239.60	0.2970	971.1900	\$239.60	2018-10-10	3270	688264
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-028	Work Order Complete		Invoiced	2018-09-07 10:45	\$674.45	0.6290	5,494.9440	\$674.45	2018-12-04	8736	688473
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-029	Work Order Complete		Invoiced	2018-09-07 14:00	\$674.45	0.6290	5,494.9440	\$674.45	2018-12-04	8736	688512
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-031	Work Order Complete		Invoiced	2018-09-21 10:30	\$833.30	1.2560	3,845.8720	\$833.30	2018-11-09	3062	689304
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-032	Work Order Complete		Invoiced	2018-09-18 11:00	\$429.30	0.9540	4,634.5320	\$429.30	2018-12-14	4858	689471
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-033	Work Order Complete		Invoiced	2018-09-18 14:15	\$517.50	2.9230	10,043.4280	\$517.50	2018-10-15	3436	689473
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-035	Work Order Complete		Invoiced	2018-09-21 13:00	\$859.90	1.3900	6,071.5200	\$859.90	2018-10-18	4368	689585
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-036	Work Order Complete		Invoiced	2018-09-19 12:30	\$535.60	0.6240	2,391.1680	\$535.60	2018-11-30	3832	689614
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-040	Work Order Complete		Invoiced	2018-09-28 10:00	\$4,018.00	9.7640	40,618.2400	\$2,621.20	2018-12-20	4160	690083
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-041	Work Order Complete		Invoiced	2018-09-28 11:00	\$947.10	0.8610	2,985.9480	\$947.10	2018-10-11	3468	690118
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-042	Work Order Complete		Invoiced	2018-09-25 10:00	\$3,900.20	8.5460	47,515.7600	\$3,056.80	2018-10-12	5560	690322
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-043	Work Order Complete		Invoiced	2018-09-25 12:15	\$1,435.00	1.8630	7,127.8380	\$1,333.00	2018-12-12	3826	690530
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-044	Work Order Complete		Invoiced	2018-09-28 14:45	\$2,870.00	2.6000	7,852.0000	\$2,207.60	2018-10-26	3020	690548
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-045	Work Order Complete		Invoiced	2018-10-03 13:30	\$1,667.20	5.5040	21,377.5360	\$1,667.20	2018-11-07	3884	690700
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-046	Work Order Complete		Invoiced	2018-10-17 11:30	\$2,506.00	3.3120	15,284.8800	\$1,945.00	2018-12-17	4615	690859
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-047	Work Order Complete		Invoiced	2018-09-28 13:30	\$2,510.20	2.7460	8,979.4200	\$2,003.50	2018-10-12	3700	690987
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-048	Work Order Complete		Invoiced	2018-10-05 09:00	\$889.70	0.8090	2,206.9520	\$889.70	2018-12-04	2728	691017
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-049	Work Order Complete		Invoiced	2018-10-12 11:00	\$763.00	1.0680	6,997.5360	\$763.00	2018-11-08	6552	691309
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-050	Work Order Complete		Invoiced	2018-10-12 13:30	\$1,473.70	1.3840	10,608.3600	\$1,473.70	2018-12-10	7665	691504
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-051	Work Order Complete		Invoiced	2018-10-03 11:15	\$1,996.00	1.1780	6,860.6720	\$1,996.00	2018-11-16	5824	691516
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-055	Work Order Complete		Invoiced	2018-10-12 11:00	\$1,914.00	1.2140	6,628.4400	\$1,914.00	2018-11-08	5460	692739
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-057	Work Order Complete		Invoiced	2018-10-19 9:00	\$1,650.00	1.1200	6,522.8800	\$1,650.00	2018-12-18	5824	693564
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-059	Work Order Complete		Invoiced	2018-10-26 13:15	\$1,246.00	2.4650	5,723.7300	\$1,246.00	2018-11-29	2322	694147
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-061	Work Order Complete		Invoiced	2018-10-26 10:15	\$1,333.00	1.7250	5,965.0500	\$1,333.00	2018-11-30	3458	694361
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-062	Work Order Complete		Invoiced	2018-10-26 9:30	\$1,090.60	0.9880	2,932.3840	\$1,090.60	2018-11-21	2968	694363
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-063	Work Order Complete		Invoiced	2018-10-26 11:30	\$461.00	1.5680	5,030.1440	\$461.00	2018-12-14	3208	694400
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-064	Work Order Complete		Invoiced	2018-11-01 11:00	\$258.30	0.2900	1,157.9700	\$287.00	2018-12-04	3993	694576
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-065	Work Order Complete		Invoiced	2018-10-26 14:15	\$2,353.40	2.3420	7,780.1240	\$2,084.30	2018-12-04	3322	694780
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-066	Work Order Complete		Invoiced	2018-11-02 10:00	\$999.50	1.9880	7,307.8880	\$999.50	2018-12-18	3676	695116

Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-071	Work Order Complete		Invoiced	2018-11-09 13:45	\$1,495.00	1.9030	11,083.0720	\$1,495.00	2018-12-03	5824	696600
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-079	Work Order Complete		Invoiced	2018-11-23 13:15	\$2,522.00	2.5380	10,913.4000	\$1,982.00	2018-12-13	3130	697687
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-084	Work Order Complete		Invoiced	2018-11-23 13:00	\$3,097.00	4.4410	38,796.5760	\$1,963.00	2018-12-13	8736	698712
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-085	Work Order Complete		Invoiced	2018-11-30 12:00	\$318.00	0.1360	1,188.0960	\$306.76	2018-12-17	8736	699017
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-086	Work Order Complete		Invoiced	2018-11-30 11:15	\$273.00	0.2470	805.2200	\$243.00	2018-12-18	3260	699018
Horizon Utilities Corporation	Business	Small Business Lighting CFF	291022-088	Work Order Complete		Invoiced	2018-11-30 13:00	\$1,221.00	0.8590	7,504.2240	\$1,221.00	2018-12-17	8736	699020
PowerStream Inc.	Business	Small Business Lighting CFF	582027-035	Work Order Complete		Invoiced	2017-11-16 10:00	\$752.00	0.8370	2,363.6880	\$239.91	2018-01-09	2824	131233
PowerStream Inc.	Business	Small Business Lighting CFF	582012-249	Work Order Complete		Invoiced	2017-04-27 13:45	\$800.05	1.7980	5,411.9800	\$800.05	2018-01-19	3010	137211
PowerStream Inc.	Business	Small Business Lighting CFF	582005-339	Work Order Complete		Invoiced	2018-07-03 13:00	\$4,477.77	3.1860	7,933.1400	\$1,721.61	2018-08-14	2490	137563
PowerStream Inc.	Business	Small Business Lighting CFF	582012-062	Work Order Complete		Invoiced	2017-04-27 15:45	\$372.58	1.0220	2,886.1280	\$372.58	2018-03-06	2824	156460
PowerStream Inc.	Business	Small Business Lighting CFF	582012-090	Work Order Complete		Invoiced	2017-05-11 13:15	\$524.63	1.5940	5,958.3720	\$524.63	2018-04-10	3738	163923
PowerStream Inc.	Business	Small Business Lighting CFF	582016-068	Work Order Complete		Invoiced	2017-06-28 14:30	\$4,685.50	5.1040	11,759.6160	\$2,058.60	2018-02-28	2304	178045
PowerStream Inc.	Business	Small Business Lighting CFF	582005-519	Work Order Complete		Invoiced	2017-07-04 10:00	\$95.50	0.2960	1,047.2480	\$95.50	2018-01-31	3538	182658
PowerStream Inc.	Business	Small Business Lighting CFF	582016-114	Work Order Complete		Invoiced	2017-07-20 9:00	\$1,316.00	0.2530	1,289.2880	\$283.64	2018-01-04	5096	188015
PowerStream Inc.	Business	Small Business Lighting CFF	582016-130	Work Order Complete		Invoiced	2017-08-29 11:30	\$3,315.25	3.3480	7,137.9360	\$1,042.25	2018-02-21	2132	200177
PowerStream Inc.	Business	Small Business Lighting CFF	582005-597	Work Order Complete	Other (Please Note)	Invoiced	2017-08-31 12:30	\$3,547.56	4.1580	13,937.6160	\$2,253.84	2018-01-19	3352	282030
PowerStream Inc.	Business	Small Business Lighting CFF	582005-065	Work Order Complete		Invoiced	2018-04-03 11:00	\$2,914.00	1.2400	9,504.6000	\$1,996.11	2018-05-03	7665	32283
PowerStream Inc.	Business	Small Business Lighting CFF	582025-054	Work Order Complete		Invoiced	2018-01-09 10:00	\$1,504.00	0.6400	5,598.0800	\$1,231.58	2018-01-19	8747	326211
PowerStream Inc.	Business	Small Business Lighting CFF	582005-615	Work Order Complete		Invoiced	2017-09-20 11:30	\$1,169.28	2.6880	5,824.8960	\$1,169.28	2018-03-08	2167	331809
PowerStream Inc.	Business	Small Business Lighting CFF	582027-002	Work Order Complete		Invoiced	2017-09-12 14:15	\$933.38	5.2200	24,361.7400	\$996.28	2018-01-31	4667	331876
PowerStream Inc.	Business	Small Business Lighting CFF	582027-006	Work Order Complete		Invoiced	2017-09-20 11:00	\$2,048.20	3.7720	16,385.5680	\$1,209.49	2018-01-17	4344	337560
PowerStream Inc.	Business	Small Business Lighting CFF	582024-036	Work Order Complete		Invoiced	2018-02-23 14:00	\$1,771.68	1.5980	7,104.7080	\$1,332.68	2018-03-12	4446	33798
PowerStream Inc.	Business	Small Business Lighting CFF	582027-016	Work Order Complete		Invoiced	2017-10-10 11:15	\$134.75	0.5300	2,501.0700	\$148.59	2018-02-06	4719	348971
PowerStream Inc.	Business	Small Business Lighting CFF	582005-648	Work Order Complete		Invoiced	2017-10-10 14:30	\$1,007.10	1.2300	4,442.7600	\$1,007.10	2018-01-17	3612	349168
PowerStream Inc.	Business	Small Business Lighting CFF	582021-003	Work Order Complete		Invoiced	2017-10-12 14:00	\$1,099.97	1.7000	5,185.0000	\$863.31	2018-01-12	3050	350196
PowerStream Inc.	Business	Small Business Lighting CFF	582005-654	Work Order Complete		Invoiced	2017-10-16 13:00	\$1,202.52	1.4760	3,998.4840	\$909.67	2018-01-29	2709	352201
PowerStream Inc.	Business	Small Business Lighting CFF	582011-183	Work Order Complete		Invoiced	2018-04-17 12:00	\$1,996.78	2.5080	9,813.8040	\$1,996.78	2018-04-30	3913	35484
PowerStream Inc.	Business	Small Business Lighting CFF	582027-019	Work Order Complete		Invoiced	2017-10-20 11:30	\$1,183.70	2.2010	8,218.5340	\$1,183.70	2018-01-31	3734	355535
PowerStream Inc.	Business	Small Business Lighting CFF	582026-014	Work Order Complete		Invoiced	2017-11-01 15:00	\$456.75	1.0500	2,091.6000	\$456.75	2018-01-03	1992	356891
PowerStream Inc.	Business	Small Business Lighting CFF	582005-660	Work Order Complete		Invoiced	2017-10-25 13:00	\$529.83	1.2180	3,109.5540	\$529.83	2018-01-12	2553	358626
PowerStream Inc.	Business	Small Business Lighting CFF	582027-027	Work Order Complete		Invoiced	2017-11-03 14:30	\$6,054.76	2.2980	10,281.2520	\$631.24	2018-01-31	4474	366322
PowerStream Inc.	Business	Small Business Lighting CFF	582025-033	Work Order Complete		Invoiced	2017-11-14 14:00	\$3,030.00	1.6400	8,380.4000	\$1,873.69	2018-01-10	4942	369237
PowerStream Inc.	Business	Small Business Lighting CFF	582005-673	Work Order Complete		Invoiced	2017-11-22 10:00	\$960.64	1.5280	3,043.7760	\$665.28	2018-01-31	1992	371441
PowerStream Inc.	Business	Small Business Lighting CFF	582027-038	Work Order Complete		Invoiced	2017-11-17 15:30	\$456.78	1.8240	5,482.9440	\$456.78	2018-01-09	3006	372450
PowerStream Inc.	Business	Small Business Lighting CFF	582024-019	Work Order Complete		Invoiced	2017-11-21 9:30	\$3,133.64	1.6860	14,728.8960	\$2,168.68	2018-04-16	8736	373185
PowerStream Inc.	Business	Small Business Lighting CFF	582025-041	Work Order Complete		Invoiced	2017-11-28 10:00	\$3,828.10	2.8490	17,758.1880	\$2,236.86	2018-02-27	6552	374261
PowerStream Inc.	Business	Small Business Lighting CFF	582025-042	Work Order Complete		Invoiced	2017-11-28 13:30	\$1,004.13	0.5240	4,583.4280	\$949.33	2018-01-10	8747	374268
PowerStream Inc.	Business	Small Business Lighting CFF	582025-043	Work Order Complete		Invoiced	2017-11-30 10:00	\$2,585.12	1.5350	10,968.0330	\$2,018.57	2018-01-10	8747	374274
PowerStream Inc.	Business	Small Business Lighting CFF	582027-041	Work Order Complete		Invoiced	2017-11-30 10:00	\$850.48	2.6120	9,220.3600	\$927.16	2018-01-24	3530	375101
PowerStream Inc.	Business	Small Business Lighting CFF	582027-042	Work Order Complete		Invoiced	2017-11-27 13:45	\$968.50	0.8760	4,179.3960	\$538.15	2018-01-08	4771	376027
PowerStream Inc.	Business	Small Business Lighting CFF	582005-239	Work Order Complete		Invoiced	2017-09-22 14:30	\$1,984.20	2.2500	8,849.0880	\$1,976.80	2018-04-18	3744	37670
PowerStream Inc.	Business	Small Business Lighting CFF	582005-242	Work Order Complete		Invoiced	2018-01-17 14:00	\$5,730.00	11.950	11,950.8480	\$2,217.30	2018-02-09	4368	37754
PowerStream Inc.	Business	Small Business Lighting CFF	582027-045	Work Order Complete		Invoiced	2017-12-01 13:30	\$763.41	2.1440	11,674.0800	\$763.41	2018-03-07	5445	378492
PowerStream Inc.	Business	Small Business Lighting CFF	582027-050	Work Order Complete		Invoiced	2017-12-18 11:00	\$3,605.75	1.3370	3,293.0310	\$450.75	2018-03-28	2463	383496
PowerStream Inc.	Business	Small Business Lighting CFF	582011-161	Work Order Complete		Invoiced	2017-12-18 16:00	\$1,603.88	4.1520	16,122.2160	\$1,603.88	2018-01-03	3883	384116
PowerStream Inc.	Business	Small Business Lighting CFF	582025-051	Work Order Complete		Invoiced	2017-12-21 10:00	\$1,500.39	2.3640	17,569.2480	\$1,500.39	2018-01-11	7432	384375
PowerStream Inc.	Business	Small Business Lighting CFF	582005-698	Work Order Complete		Invoiced	2017-12-21 14:00	\$1,363.00	0.6670	3,884.6080	\$854.61	2018-01-22	5824	384429
PowerStream Inc.	Business	Small Business Lighting CFF	582024-021	Work Order Complete		Invoiced	2018-01-10 10:30	\$8,912.64	7.5800	26,984.8000	\$3,389.75	2018-03-28	3560	384730
PowerStream Inc.	Business	Small Business Lighting CFF	582024-024	Work Order Complete		Invoiced	2018-01-11 12:30	\$511.56	1.1760	2,928.2400	\$511.56	2018-01-18	2490	384748
PowerStream Inc.	Business	Small Business Lighting CFF	582025-052	Work Order Complete		Invoiced	2017-12-21 13:30	\$1,222.14	1.3600	10,814.7200	\$1,044.90	2018-01-10	7952	384764
PowerStream Inc.	Business	Small Business Lighting CFF	582024-026	Work Order Complete		Invoiced	2017-12-21 15:00	\$1,848.50	2.4600	13,431.6000	\$1,096.50	2018-01-10	5460	384801
PowerStream Inc.	Business	Small Business Lighting CFF	582027-056	Work Order Complete		Invoiced	2018-01-04 14:00	\$591.87	0.4940	1,332.8120	\$254.83	2018-01-08	2698	385969
PowerStream Inc.	Business	Small Business Lighting CFF	582030-006	Work Order Complete		Invoiced	2018-01-08 11:00	\$909.75	1.2670	5,356.8760	\$765.84	2018-01-26	4228	386428
PowerStream Inc.	Business	Small Business Lighting CFF	582005-704	Work Order Complete		Invoiced	2018-01-10 12:30	\$255.78	0.5880	1,617.0000	\$255.78	2018-01-17	2750	386614
PowerStream Inc.	Business	Small Business Lighting CFF	582024-028	Work Order Complete		Invoiced	2018-01-15 10:30	\$3,193.00	2.7480	23,874.6240	\$2,219.14	2018-03-26	8688	387288
PowerStream Inc.	Business	Small Business Lighting CFF	582025-055	Work Order Complete		Invoiced	2018-01-09 15:30	\$1,985.20	6.9190	55,864.0060	\$1,985.20	2018-01-25	8074	387401
PowerStream Inc.	Business	Small Business Lighting CFF	582027-058	Work Order Complete		Invoiced	2018-01-15 9:00	\$4,942.72	3.9360	8,820.5760	\$1,970.53	2018-09-21	2241	387506
PowerStream Inc.	Business	Small Business Lighting CFF	582005-708	Work Order Complete		Invoiced	2018-01-10 14:15	\$3,938.40	9.9200	41,682.2400	\$2,484.20	2018-03-01	8472	387604
PowerStream Inc.	Business	Small Business Lighting CFF	582030-009	Work Order Complete		Invoiced	2018-01-15 10:00	\$10,574.28	6.4940	35,463.7340	\$3,761.30	2018-02-14	5461	387647
PowerStream Inc.	Business	Small Business Lighting CFF	582027-059	Work Order Complete		Invoiced	2018-01-15 10:00	\$527.13	3.8630	10,623.2500	\$1,212.65	2018-05-14	2750	387926
PowerStream Inc.	Business	Small Business Lighting CFF	582005-713	Work Order Complete		Invoiced	2018-01-17 10:00	\$2,179.62	2.7060	11,462.6160	\$2,034.20	2018-01-24	4236	388853
PowerStream Inc.	Business	Small Business Lighting CFF	582005-716	Work Order Complete		Invoiced	2018-01-17 13:45	\$2,375.04	2.9520	10,662.6240	\$2,084.20	2018-06-22	3612	389240
PowerStream Inc.	Business	Small Business Lighting CFF	582005-718	Work Order Complete		Invoiced	2018-01-17 14:15	\$1,202.52	1.4760	12,504.6720	\$1,202.52	2018-01-24	8472	389283
PowerStream Inc.	Business	Small Business Lighting CFF	582005-719	Work Order Complete		Invoiced	2018-01-17 15:00	\$9,358.00	4.4640	19,498.7520	\$2,845.30	2018-02-08	4368	389408
PowerStream Inc.	Business	Small Business Lighting CFF	582005-721	Work Order Complete		Invoiced	2018-01-18 15:15	\$214.26	0.4960	2,451.2320	\$214.26	2018-01-24	4942	389772
PowerStream Inc.	Business	Small Business Lighting CFF	582005-722	Work Order Complete		Invoiced	2018-01-17 16:45	\$6,030.00	2.8800	12,579.8400	\$2,267.30	2018-03-28	4368	389840
PowerStream Inc.	Business	Small Business Lighting CFF	582005-723	Work Order Complete		Invoiced	2018-01-18 16:00	\$930.00	0.4320	1,886.9760	\$445.13	2018-02-12	4368	389963
PowerStream Inc.	Business	Small Business Lighting CFF	582005-724	Work Order Complete		Invoiced	2018-01-18 16:00	\$1,530.00	0.7200	3,144.9600	\$721.89	2018-02-09	4368	389965
PowerStream Inc.	Business	Small Business Lighting CFF	582005-725	Work Order Complete		Invoiced	2018-01-18 16:00	\$1,530.00	0.7200	3,144.9600	\$721.89	2018-02-09	4368	389973
PowerStream Inc.	Business	Small Business Lighting CFF	582027-064	Work Order Complete		Invoiced	2018-01-26 9:00	\$4,171.60	1.1550	2,222.2200	\$404.60	2018-05-07	1924	390021
PowerStream Inc.	Business	Small Business Lighting CFF	582005-726	Work Order Complete		Invoiced	2018-02-05 11:00	\$811.68	0.9840	2,695.1760	\$622.94	2018-02-28	2739	390068
PowerStream Inc.	Business	Small Business Lighting CFF	582005-727	Work Order Complete		Invoiced	2018-01-18 16:00	\$1,230.00	0.5760	2,515.9680	\$583.51	2018-02-09	4368	390070
PowerStream Inc.	Business	Small Business Lighting CFF	582030-013	Work Order Complete		Invoiced	2018-01-23 9:15	\$1,906.46	3.6260	10,834.4880	\$1,790.46			

PowerStream Inc.	Business	Small Business Lighting CFF	582030-014	Work Order Complete		Invoiced	2018-01-24 9:00	\$1,397.94	1.6170	5,738.7330	\$1,292.52	2018-02-01	3549	390971
PowerStream Inc.	Business	Small Business Lighting CFF	582024-031	Work Order Complete		Invoiced	2018-01-24 11:00	\$1,493.87	2.5390	5,809.2320	\$1,023.87	2018-01-30	2288	391310
PowerStream Inc.	Business	Small Business Lighting CFF	582024-032	Work Order Complete		Invoiced	2018-01-26 9:15	\$1,883.17	2.4520	20,891.0400	\$1,875.39	2018-03-06	8520	391407
PowerStream Inc.	Business	Small Business Lighting CFF	582027-070	Work Order Complete		Invoiced	2018-01-30 14:00	\$279.25	0.9300	3,481.9200	\$279.25	2018-02-06	3744	391517
PowerStream Inc.	Business	Small Business Lighting CFF	582030-016	Work Order Complete		Invoiced	2018-01-30 11:00	\$1,634.42	2.6460	9,578.5200	\$1,565.71	2018-02-07	3620	391692
PowerStream Inc.	Business	Small Business Lighting CFF	582030-017	Work Order Complete		Invoiced	2018-01-29 9:00	\$1,801.36	2.2620	8,351.3040	\$1,801.36	2018-02-15	3692	391697
PowerStream Inc.	Business	Small Business Lighting CFF	582011-162	Work Order Complete		Invoiced	2018-01-29 11:00	\$1,099.68	1.8640	8,553.8960	\$1,099.68	2018-02-02	4589	391852
PowerStream Inc.	Business	Small Business Lighting CFF	582029-005	Work Order Complete		Invoiced	2018-01-26 13:15	\$3,499.83	1.1170	4,104.9750	\$415.15	2018-01-31	3675	391992
PowerStream Inc.	Business	Small Business Lighting CFF	582029-006	Work Order Complete		Invoiced	2018-01-26 16:00	\$30.00	1.7700	6,945.4800	\$1,558.01	2018-06-11	3924	392136
PowerStream Inc.	Business	Small Business Lighting CFF	582027-071	Work Order Complete		Invoiced	2018-01-30 10:00	\$1,250.08	0.8280	5,726.4480	\$852.41	2018-03-28	6916	392398
PowerStream Inc.	Business	Small Business Lighting CFF	582011-163	Work Order Complete		Invoiced	2018-01-30 11:00	\$1,995.62	4.7210	12,822.2360	\$1,995.62	2018-02-13	2716	392418
PowerStream Inc.	Business	Small Business Lighting CFF	582011-164	Work Order Complete		Invoiced	2018-01-29 16:15	\$250.50	0.3860	1,565.6160	\$208.55	2018-03-07	4056	392620
PowerStream Inc.	Business	Small Business Lighting CFF	582011-165	Work Order Complete		Invoiced	2018-01-30 15:30	\$1,987.08	4.4080	21,784.3360	\$1,987.08	2018-02-12	4942	393018
PowerStream Inc.	Business	Small Business Lighting CFF	582022-014	Work Order Complete		Invoiced	2018-02-01 13:00	\$1,133.26	0.9910	2,982.9100	\$686.24	2018-02-16	3010	393471
PowerStream Inc.	Business	Small Business Lighting CFF	582011-167	Work Order Complete		Invoiced	2018-02-09 9:30	\$1,984.20	2.4600	8,932.2600	\$1,984.20	2018-02-14	3631	394976
PowerStream Inc.	Business	Small Business Lighting CFF	582005-738	Work Order Complete		Invoiced	2018-02-09 14:00	\$255.78	0.5880	2,307.3120	\$255.78	2018-02-15	3924	395069
PowerStream Inc.	Business	Small Business Lighting CFF	582030-020	Work Order Complete		Invoiced	2018-02-13 9:00	\$860.68	1.1840	4,448.2880	\$860.68	2018-02-23	3757	395237
PowerStream Inc.	Business	Small Business Lighting CFF	582005-740	Work Order Complete		Invoiced	2018-02-09 15:30	\$496.77	1.1020	2,436.5220	\$496.77	2018-02-21	2211	395314
PowerStream Inc.	Business	Small Business Lighting CFF	582030-022	Work Order Complete		Invoiced	2018-02-13 11:00	\$811.68	0.9840	3,471.5520	\$793.74	2018-03-05	3528	395323
PowerStream Inc.	Business	Small Business Lighting CFF	582025-059	Work Order Complete		Invoiced	2018-02-13 11:00	\$2,421.04	3.2200	9,647.1200	\$2,006.72	2018-03-07	2996	395595
PowerStream Inc.	Business	Small Business Lighting CFF	582024-034	Work Order Complete		Invoiced	2018-02-23 12:00	\$1,219.94	2.7770	11,083.0070	\$1,219.94	2018-03-14	3991	396221
PowerStream Inc.	Business	Small Business Lighting CFF	582030-025	Work Order Complete		Invoiced	2018-02-14 11:00	\$1,544.94	2.3220	9,650.2320	\$1,544.94	2018-03-08	4156	396604
PowerStream Inc.	Business	Small Business Lighting CFF	582030-026	Work Order Complete		Invoiced	2018-02-16 8:00	\$1,392.23	0.8290	2,064.2100	\$358.23	2018-02-23	2490	396607
PowerStream Inc.	Business	Small Business Lighting CFF	582030-027	Work Order Complete		Invoiced	2018-02-20 13:00	\$1,422.44	1.8220	7,295.2880	\$1,422.44	2018-03-02	4004	396990
PowerStream Inc.	Business	Small Business Lighting CFF	582011-179	Work Order Complete		Invoiced	2018-03-13 10:30	\$1,354.82	4.0650	10,300.7100	\$1,354.82	2018-04-03	2534	397042
PowerStream Inc.	Business	Small Business Lighting CFF	582025-060	Work Order Complete		Invoiced	2018-02-13 14:15	\$1,746.00	1.1800	8,524.3200	\$1,746.00	2018-03-07	7224	397109
PowerStream Inc.	Business	Small Business Lighting CFF	582030-029	Work Order Complete		Invoiced	2018-03-15 9:00	\$2,735.72	2.2200	8,018.6400	\$1,095.72	2018-04-11	3612	397436
PowerStream Inc.	Business	Small Business Lighting CFF	582027-077	Work Order Complete		Invoiced	2018-02-27 11:00	\$3,354.62	3.0060	9,327.6180	\$2,052.85	2018-05-11	3103	398843
PowerStream Inc.	Business	Small Business Lighting CFF	582024-035	Work Order Complete		Invoiced	2018-03-14 10:00	\$2,699.42	1.8760	8,145.5920	\$1,782.46	2018-04-14	4342	400483
PowerStream Inc.	Business	Small Business Lighting CFF	582011-171	Work Order Complete		Invoiced	2018-03-08 12:00	\$646.26	0.7970	2,976.7950	\$646.26	2018-03-27	3735	401052
PowerStream Inc.	Business	Small Business Lighting CFF	582011-170	Work Order Complete		Invoiced	2018-03-06 13:00	\$1,987.08	4.4080	14,414.1600	\$1,987.08	2018-03-23	3270	401101
PowerStream Inc.	Business	Small Business Lighting CFF	582005-762	Work Order Complete		Invoiced	2018-02-28 15:45	\$244.50	0.7950	2,756.2650	\$244.50	2018-03-28	3467	402476
PowerStream Inc.	Business	Small Business Lighting CFF	582025-083	Work Order Complete		Invoiced	2018-03-07 9:00	\$1,639.36	2.2360	8,076.4320	\$1,639.36	2018-06-18	3612	402700
PowerStream Inc.	Business	Small Business Lighting CFF	582011-169	Work Order Complete		Invoiced	2018-03-06 15:45	\$1,984.20	2.4600	8,932.2600	\$1,984.20	2018-03-23	3631	404377
PowerStream Inc.	Business	Small Business Lighting CFF	582005-773	Work Order Complete		Invoiced	2018-03-08 11:15	\$3,547.56	4.4280	12,128.2920	\$2,207.05	2018-04-24	2739	408181
PowerStream Inc.	Business	Small Business Lighting CFF	582027-083	Work Order Complete		Invoiced	2018-03-15 11:00	\$1,984.20	2.3100	5,176.7100	\$1,168.88	2018-03-28	2241	408187
PowerStream Inc.	Business	Small Business Lighting CFF	582027-085	Work Order Complete		Invoiced	2018-03-15 14:00	\$1,984.20	2.3100	7,525.9800	\$1,685.72	2018-04-27	3258	408230
PowerStream Inc.	Business	Small Business Lighting CFF	582012-263	Work Order Complete		Invoiced	2018-05-16 10:30	\$2,632.00	1.2060	9,243.9900	\$1,986.23	2018-05-29	7665	408319
PowerStream Inc.	Business	Small Business Lighting CFF	582020-007	Work Order Complete		Invoiced	2018-03-15 12:00	\$3,080.16	1.3990	10,723.3350	\$2,032.60	2018-04-23	7665	408325
PowerStream Inc.	Business	Small Business Lighting CFF	582020-008	Work Order Complete		Invoiced	2018-03-15 13:00	\$1,762.50	0.7910	6,063.0150	\$1,333.86	2018-04-19	7665	408329
PowerStream Inc.	Business	Small Business Lighting CFF	582005-777	Work Order Complete		Invoiced	2018-03-16 11:00	\$1,007.10	1.2300	3,062.7000	\$703.79	2018-04-25	2490	409032
PowerStream Inc.	Business	Small Business Lighting CFF	582011-172	Work Order Complete		Invoiced	2018-03-20 11:00	\$1,227.68	1.5720	5,707.9320	\$1,227.68	2018-03-29	3631	409363
PowerStream Inc.	Business	Small Business Lighting CFF	582024-038	Work Order Complete		Invoiced	2018-03-14 13:00	\$1,278.84	1.0820	4,810.5720	\$997.93	2018-03-27	4446	409671
PowerStream Inc.	Business	Small Business Lighting CFF	582024-040	Work Order Complete		Invoiced	2018-03-14 13:30	\$2,175.00	1.4750	5,640.4000	\$1,270.89	2018-07-18	3824	409687
PowerStream Inc.	Business	Small Business Lighting CFF	582005-783	Work Order Complete		Invoiced	2018-03-15 15:30	\$4,320.00	2.4600	7,350.4800	\$1,647.11	2018-04-28	2988	413840
PowerStream Inc.	Business	Small Business Lighting CFF	582030-056	Work Order Complete		Invoiced	2018-03-23 12:00	\$1,192.13	2.3870	8,347.3390	\$1,192.13	2018-04-11	3497	416640
PowerStream Inc.	Business	Small Business Lighting CFF	582011-176	Work Order Complete		Invoiced	2018-03-20 14:00	\$1,835.96	1.5060	11,543.4900	\$1,455.58	2018-04-23	7665	419178
PowerStream Inc.	Business	Small Business Lighting CFF	582011-177	Work Order Complete		Invoiced	2018-03-23 10:00	\$849.42	1.1280	4,191.6480	\$849.42	2018-03-29	3716	431935
PowerStream Inc.	Business	Small Business Lighting CFF	582011-178	Work Order Complete		Invoiced	2018-03-23 10:30	\$1,618.52	2.0640	7,539.7920	\$1,618.52	2018-04-13	3653	431948
PowerStream Inc.	Business	Small Business Lighting CFF	582005-790	Work Order Complete		Invoiced	2018-03-26 10:00	\$30.00	2.6550	6,610.9500	\$1,484.41	2018-06-18	2490	432431
PowerStream Inc.	Business	Small Business Lighting CFF	582030-058	Work Order Complete		Invoiced	2018-03-26 10:00	\$3,547.56	4.4280	13,970.3400	\$2,258.23	2018-04-03	3155	448938
PowerStream Inc.	Business	Small Business Lighting CFF	582024-043	Work Order Complete		Invoiced	2018-03-28 14:00	\$2,179.62	2.7060	9,270.7560	\$1,934.15	2018-04-12	3426	490281
PowerStream Inc.	Business	Small Business Lighting CFF	582005-798	Work Order Complete		Invoiced	2018-03-29 11:00	\$274.05	0.6300	1,568.7000	\$274.05	2018-04-23	2490	490833
PowerStream Inc.	Business	Small Business Lighting CFF	582027-090	Work Order Complete		Invoiced	2018-04-05 11:00	\$566.37	1.2990	5,655.8460	\$634.89	2018-04-30	4354	497341
PowerStream Inc.	Business	Small Business Lighting CFF	582005-799	Work Order Complete		Invoiced	2018-04-03 9:00	\$3,572.00	1.5200	11,650.8000	\$2,136.11	2018-05-03	7665	501004
PowerStream Inc.	Business	Small Business Lighting CFF	582005-800	Work Order Complete		Invoiced	2018-04-03 13:00	\$2,538.00	1.0800	8,278.2000	\$1,821.20	2018-05-03	7665	501171
PowerStream Inc.	Business	Small Business Lighting CFF	582005-801	Work Order Complete		Invoiced	2018-04-03 14:15	\$2,564.50	1.1340	8,692.1100	\$1,840.20	2018-06-09	7665	501283
PowerStream Inc.	Business	Small Business Lighting CFF	582005-805	Work Order Complete		Invoiced	2018-04-04 12:00	\$3,339.00	1.6000	12,264.0000	\$2,077.66	2018-05-16	7665	508679
PowerStream Inc.	Business	Small Business Lighting CFF	582005-807	Work Order Complete		Invoiced	2018-04-04 13:30	\$2,726.00	1.1600	8,891.4000	\$1,956.11	2018-05-28	7665	508728
PowerStream Inc.	Business	Small Business Lighting CFF	582030-063	Work Order Complete		Invoiced	2018-04-18 10:30	\$606.36	1.2710	3,429.1580	\$606.36	2018-05-03	2698	508735
PowerStream Inc.	Business	Small Business Lighting CFF	582005-808	Work Order Complete		Invoiced	2018-04-04 14:15	\$1,855.25	0.8370	6,415.6050	\$1,339.37	2018-05-03	7665	508741
PowerStream Inc.	Business	Small Business Lighting CFF	582027-091	Work Order Complete		Invoiced	2018-04-05 15:00	\$589.75	2.0400	4,449.2400	\$589.75	2018-04-18	2181	508747
PowerStream Inc.	Business	Small Business Lighting CFF	582005-809	Work Order Complete		Invoiced	2018-05-09 12:00	\$2,668.75	1.1290	8,653.7850	\$1,903.83	2018-05-22	7665	520226
PowerStream Inc.	Business	Small Business Lighting CFF	582011-180	Work Order Complete		Invoiced	2018-04-06 13:00	\$1,984.20	2.4600	8,932.2600	\$1,984.20	2018-05-10	3631	521965
PowerStream Inc.	Business	Small Business Lighting CFF	582030-101	Work Order Complete		Invoiced	2018-04-19 9:30	\$616.26	0.7380	2,067.8760	\$484.93	2018-05-23	2802	541038
PowerStream Inc.	Business	Small Business Lighting CFF	582030-081	Work Order Complete		Invoiced	2018-04-27 12:00	\$462.89	0.8130	2,834.1180	\$358.17	2018-05-22	3486	542790
PowerStream Inc.	Business	Small Business Lighting CFF	582005-820	Work Order Complete		Invoiced	2018-04-12 11:30	\$3,784.50	1.7000	13,030.5000	\$2,200.61	2018-05-07	7665	542858
PowerStream Inc.	Business	Small Business Lighting CFF	582005-823	Work Order Complete		Invoiced	2018-04-19 10:00	\$1,859.28	2.4820	6,798.1980	\$1,434.61	2018-04-30	2739	553680
PowerStream Inc.	Business	Small Business Lighting CFF	582020-009	Work Order Complete		Invoiced	2018-04-26 11:00	\$1,317.00	0.8850	3,844.4400	\$875.78	2018-05-11	4344	557294
PowerStream Inc.	Business	Small Business Lighting CFF	582005-825	Work Order Complete		Invoiced	2018-04-19 14:00	\$628.51	0.7880	1,765.9080	\$406.10	2018-05-28	2241	558854
PowerStream Inc.	Business	Small Business Lighting CFF	582005-829	Work Order Complete		Invoiced	2018-04-20 11:45	\$2,726.00	1.1600	8,891.4000	\$1,956.11	2018-05-14	7665	560820
PowerStream Inc.	Business	Small Business Lighting CFF	582005-830	Work Order Complete		Invoiced	2018-04-24 11:30	\$2,209.00	1.0630	9,005.7360	\$1,981.26	2018-06-12	8472	567092
PowerStream Inc.	Business	Small Business Lighting CFF	582005-832	Work Order Complete		Invoiced	2018-04-25 14:00	\$237.51	0.5460	2,774.7720	\$237.			

PowerStream Inc.	Business	Small Business Lighting CFF	582030-089	Work Order Complete		Invoiced	2018-04-30 13:00	\$2,375.04	2.7720	7,767.1440	\$1,738.77	2018-05-12	2802	570959
PowerStream Inc.	Business	Small Business Lighting CFF	582011-185	Work Order Complete		Invoiced	2018-04-30 11:00	\$2,375.04	2.9520	11,025.7200	\$2,084.20	2018-05-14	3735	573111
PowerStream Inc.	Business	Small Business Lighting CFF	582030-091	Work Order Complete		Invoiced	2018-04-26 13:00	\$225.42	0.2460	724.9620	\$189.49	2018-05-09	2947	573913
PowerStream Inc.	Business	Small Business Lighting CFF	582005-844	Work Order Complete		Invoiced	2018-05-02 14:45	\$1,202.52	1.4760	3,889.2600	\$885.64	2018-05-23	2635	581749
PowerStream Inc.	Business	Small Business Lighting CFF	582005-852	Work Order Complete		Invoiced	2018-05-08 14:15	\$3,938.40	4.9200	10,661.6400	\$2,106.45	2018-05-28	2167	590872
PowerStream Inc.	Business	Small Business Lighting CFF	582030-096	Work Order Complete		Invoiced	2018-05-14 11:00	\$435.00	1.0150	3,582.9500	\$435.00	2018-06-11	3530	597979
PowerStream Inc.	Business	Small Business Lighting CFF	582011-188	Work Order Complete		Invoiced	2018-05-16 14:00	\$1,149.33	2.4320	5,450.1120	\$864.05	2018-06-13	2241	598093
PowerStream Inc.	Business	Small Business Lighting CFF	582005-855	Work Order Complete		Invoiced	2018-05-10 14:45	\$2,375.04	2.9520	10,662.6240	\$2,084.20	2018-06-01	3612	599777
PowerStream Inc.	Business	Small Business Lighting CFF	582020-013	Work Order Complete		Invoiced	2018-05-11 12:30	\$811.68	0.9840	3,554.2080	\$811.68	2018-05-16	3612	600951
PowerStream Inc.	Business	Small Business Lighting CFF	582012-250	Work Order Complete		Invoiced	2018-05-15 14:15	\$420.84	0.4920	1,777.1040	\$420.84	2018-05-30	3612	603877
PowerStream Inc.	Business	Small Business Lighting CFF	582012-251	Work Order Complete		Invoiced	2018-05-16 14:00	\$1,086.26	0.7380	4,099.5900	\$616.26	2018-05-30	5555	603897
PowerStream Inc.	Business	Small Business Lighting CFF	582012-253	Work Order Complete		Invoiced	2018-05-16 11:30	\$267.77	1.7530	8,409.1410	\$267.77	2018-06-15	4797	604546
PowerStream Inc.	Business	Small Business Lighting CFF	582012-254	Work Order Complete		Invoiced	2018-05-16 14:30	\$1,788.78	2.2140	8,087.7420	\$1,788.78	2018-05-29	3653	604604
PowerStream Inc.	Business	Small Business Lighting CFF	582024-046	Work Order Complete		Invoiced	2018-06-11 10:00	\$7,350.00	3.5640	16,615.3680	\$1,320.00	2018-06-19	4662	604609
PowerStream Inc.	Business	Small Business Lighting CFF	582012-255	Work Order Complete		Invoiced	2018-05-16 14:45	\$1,984.20	2.4600	8,912.5800	\$1,984.20	2018-05-31	3623	604611
PowerStream Inc.	Business	Small Business Lighting CFF	582030-102	Work Order Complete		Invoiced	2018-05-23 11:00	\$1,984.20	2.4600	8,550.9600	\$1,911.21	2018-06-01	3476	606474
PowerStream Inc.	Business	Small Business Lighting CFF	582004-184	Work Order Complete		Invoiced	2018-05-23 11:00	\$1,932.26	1.8330	7,774.3380	\$1,601.11	2018-06-18	3913	608280
PowerStream Inc.	Business	Small Business Lighting CFF	582012-256	Work Order Complete		Invoiced	2018-05-24 13:30	\$753.72	1.6720	3,778.7200	\$753.72	2018-07-20	2260	608396
PowerStream Inc.	Business	Small Business Lighting CFF	582012-257	Work Order Complete		Invoiced	2018-05-23 12:45	\$420.00	1.1340	2,653.5600	\$420.00	2018-06-15	2340	609194
PowerStream Inc.	Business	Small Business Lighting CFF	582012-258	Work Order Complete		Invoiced	2018-05-23 13:15	\$509.85	0.7810	2,111.8240	\$321.85	2018-06-15	2704	609207
PowerStream Inc.	Business	Small Business Lighting CFF	582004-181	Work Order Complete		Invoiced	2018-06-05 11:00	\$1,007.10	1.2300	3,675.2400	\$838.55	2018-06-15	2988	609233
PowerStream Inc.	Business	Small Business Lighting CFF	582023-004	Work Order Complete		Invoiced	2018-05-28 11:00	\$1,007.10	2.3780	8,306.9280	\$1,857.52	2018-06-11	3311	610231
PowerStream Inc.	Business	Small Business Lighting CFF	582024-048	Work Order Complete		Invoiced	2018-05-31 12:00	\$1,484.52	1.5960	6,473.3760	\$1,309.60	2018-06-08	4056	611080
PowerStream Inc.	Business	Small Business Lighting CFF	582024-049	Work Order Complete		Invoiced	2018-05-28 11:15	\$1,984.20	2.4600	11,439.0000	\$1,984.20	2018-06-06	4650	613187
PowerStream Inc.	Business	Small Business Lighting CFF	582024-052	Work Order Complete		Invoiced	2018-05-28 11:30	\$1,984.20	2.4600	12,334.4400	\$1,984.20	2018-06-06	5014	613211
PowerStream Inc.	Business	Small Business Lighting CFF	582011-199	Work Order Complete		Invoiced	2018-05-29 10:30	\$1,248.52	1.6440	6,005.5320	\$1,248.52	2018-06-06	3653	613509
PowerStream Inc.	Business	Small Business Lighting CFF	582005-873	Work Order Complete		Invoiced	2018-06-06 14:00	\$865.00	0.4060	2,213.7920	\$517.03	2018-08-27	3248	614354
PowerStream Inc.	Business	Small Business Lighting CFF	582005-875	Work Order Complete		Invoiced	2018-05-30 10:15	\$225.42	0.2460	750.5460	\$195.12	2018-08-08	3051	615239
PowerStream Inc.	Business	Small Business Lighting CFF	582012-261	Work Order Complete		Invoiced	2018-05-30 11:00	\$811.68	0.9840	3,594.5520	\$811.68	2018-06-15	3653	615291
PowerStream Inc.	Business	Small Business Lighting CFF	582012-262	Work Order Complete		Invoiced	2018-05-30 12:00	\$389.00	1.2120	3,031.2120	\$389.00	2018-07-10	2501	615312
PowerStream Inc.	Business	Small Business Lighting CFF	582011-201	Work Order Complete		Invoiced	2018-05-31 15:00	\$1,998.33	4.5580	21,568.4560	\$1,998.33	2018-07-06	4732	615323
PowerStream Inc.	Business	Small Business Lighting CFF	582005-878	Work Order Complete		Invoiced	2018-05-31 15:00	\$3,158.44	3.2080	10,554.3200	\$2,023.94	2018-07-19	3290	616445
PowerStream Inc.	Business	Small Business Lighting CFF	582020-017	Work Order Complete		Invoiced	2018-06-11 8:00	\$1,905.00	1.0000	8,750.0000	\$1,905.00	2018-06-15	2408	620725
PowerStream Inc.	Business	Small Business Lighting CFF	582005-879	Work Order Complete		Invoiced	2018-05-31 12:00	\$3,033.00	2.0650	6,707.1200	\$1,505.57	2018-06-25	3248	621308
PowerStream Inc.	Business	Small Business Lighting CFF	582030-114	Work Order Complete		Invoiced	2018-06-04 9:45	\$616.26	0.7380	2,358.6480	\$548.90	2018-06-18	3196	626177
PowerStream Inc.	Business	Small Business Lighting CFF	582030-115	Work Order Complete		Invoiced	2018-06-04 10:15	\$420.84	0.4920	1,470.0960	\$353.42	2018-06-19	2988	626188
PowerStream Inc.	Business	Small Business Lighting CFF	582012-265	Work Order Complete		Invoiced	2018-06-05 11:00	\$849.42	1.2480	5,078.1120	\$849.42	2018-06-13	4069	627170
PowerStream Inc.	Business	Small Business Lighting CFF	582004-182	Work Order Complete		Invoiced	2018-06-05 13:15	\$1,457.50	5.0610	26,691.7140	\$1,457.50	2018-06-13	5274	627233
PowerStream Inc.	Business	Small Business Lighting CFF	582005-886	Work Order Complete		Invoiced	2018-06-06 11:30	\$2,375.04	2.9520	8,578.5120	\$1,917.27	2018-07-10	2906	628779
PowerStream Inc.	Business	Small Business Lighting CFF	582005-889	Work Order Complete		Invoiced	2018-06-08 12:00	\$2,570.46	3.1980	8,663.3820	\$1,935.94	2018-08-27	2709	629089
PowerStream Inc.	Business	Small Business Lighting CFF	582011-203	Work Order Complete		Invoiced	2018-06-08 16:15	\$1,788.78	2.2140	8,087.7420	\$1,788.78	2018-06-18	3653	630297
PowerStream Inc.	Business	Small Business Lighting CFF	582012-271	Work Order Complete		Invoiced	2018-06-12 10:00	\$1,984.20	2.4600	11,234.8200	\$1,984.20	2018-06-20	4567	631115
PowerStream Inc.	Business	Small Business Lighting CFF	582011-204	Work Order Complete		Invoiced	2018-06-08 15:15	\$1,386.42	2.0760	7,498.5120	\$1,386.42	2018-06-19	3612	631338
PowerStream Inc.	Business	Small Business Lighting CFF	582011-205	Work Order Complete		Invoiced	2018-06-14 11:00	\$598.10	1.8540	5,539.7520	\$598.10	2018-06-21	2988	643153
PowerStream Inc.	Business	Small Business Lighting CFF	582012-272	Work Order Complete		Invoiced	2018-06-12 9:00	\$1,801.36	2.3020	8,623.2920	\$1,801.36	2018-06-19	3746	645274
PowerStream Inc.	Business	Small Business Lighting CFF	582039-001	Work Order Complete	Cost Share	Invoiced	2018-06-12 15:15	\$1,786.00	0.7660	4,991.2560	\$1,098.08	2018-07-13	6516	645417
PowerStream Inc.	Business	Small Business Lighting CFF	582011-206	Work Order Complete		Invoiced	2018-06-15 15:00	\$1,988.56	4.5660	21,606.3120	\$1,988.56	2018-06-18	4732	645470
PowerStream Inc.	Business	Small Business Lighting CFF	582005-898	Work Order Complete		Invoiced	2018-06-13 15:00	\$3,033.00	2.0650	5,141.8500	\$1,161.21	2018-08-08	2490	646286
PowerStream Inc.	Business	Small Business Lighting CFF	582012-275	Work Order Complete		Invoiced	2018-07-24 13:00	\$742.22	5.1920	31,370.0640	\$742.22	2018-08-02	6042	647317
PowerStream Inc.	Business	Small Business Lighting CFF	582012-276	Work Order Complete		Invoiced	2018-06-20 10:00	\$609.71	1.0460	4,256.1740	\$609.71	2018-06-28	4069	647481
PowerStream Inc.	Business	Small Business Lighting CFF	582020-018	Work Order Complete		Invoiced	2018-06-20 10:00	\$1,840.00	6.7200	58,705.9200	\$1,840.00	2018-08-08	8736	648268
PowerStream Inc.	Business	Small Business Lighting CFF	582012-278	Work Order Complete		Invoiced	2018-06-20 12:00	\$1,984.20	2.4600	10,622.2800	\$1,984.20	2018-06-26	4318	654775
PowerStream Inc.	Business	Small Business Lighting CFF	582005-906	Work Order Complete		Invoiced	2018-06-26 10:00	\$178.14	0.4040	863.3480	\$178.14	2018-07-10	2137	655053
PowerStream Inc.	Business	Small Business Lighting CFF	582038-001	Work Order Complete		Invoiced	2018-06-29 10:30	\$660.00	1.1660	3,193.6740	\$660.00	2018-07-13	2739	659782
PowerStream Inc.	Business	Small Business Lighting CFF	582005-915	Work Order Complete		Invoiced	2018-06-26 13:45	\$2,216.16	2.7900	7,641.8100	\$1,697.12	2018-08-02	2739	660769
PowerStream Inc.	Business	Small Business Lighting CFF	582005-917	Work Order Complete		Invoiced	2018-06-28 14:00	\$1,788.78	2.2140	6,064.1460	\$1,364.11	2018-07-24	2739	661675
PowerStream Inc.	Business	Small Business Lighting CFF	582038-002	Work Order Complete		Invoiced	2018-06-29 15:00	\$1,740.00	6.0320	10,978.2400	\$1,740.00	2018-07-16	1820	663761
PowerStream Inc.	Business	Small Business Lighting CFF	582039-009	Work Order Complete		Invoiced	2018-07-03 16:00	\$210.87	0.6490	1,383.6680	\$210.87	2018-07-13	2132	665910
PowerStream Inc.	Business	Small Business Lighting CFF	582011-210	Work Order Complete		Invoiced	2018-07-04 13:00	\$1,215.10	1.5240	5,533.6440	\$1,215.10	2018-07-12	3631	666767
PowerStream Inc.	Business	Small Business Lighting CFF	582005-932	Work Order Complete		Invoiced	2018-07-12 10:00	\$324.81	0.8550	1,703.1600	\$324.81	2018-07-19	1992	668515
PowerStream Inc.	Business	Small Business Lighting CFF	582039-010	Work Order Complete		Invoiced	2018-07-11 10:15	\$1,984.20	2.5400	4,927.6000	\$1,114.07	2018-07-26	1940	670390
PowerStream Inc.	Business	Small Business Lighting CFF	582005-934	Work Order Complete		Invoiced	2018-07-09 14:00	\$1,984.20	2.4600	9,800.6400	\$1,984.20	2018-07-31	3984	670453
PowerStream Inc.	Business	Small Business Lighting CFF	582005-937	Work Order Complete		Invoiced	2018-07-12 14:00	\$127.89	0.2940	679.7280	\$127.89	2018-07-19	2312	670949
PowerStream Inc.	Business	Small Business Lighting CFF	582005-938	Work Order Complete		Invoiced	2018-07-12 12:15	\$540.00	1.2600	3,375.5400	\$540.00	2018-07-19	2679	671121
PowerStream Inc.	Business	Small Business Lighting CFF	582037-003	Work Order Complete	Other (Please Note)	Invoiced	2018-07-16 10:00	\$351.80	1.0690	2,129.4480	\$351.80	2018-07-24	1992	680292
PowerStream Inc.	Business	Small Business Lighting CFF	582039-015	Work Order Complete		Invoiced	2018-07-16 10:30	\$1,672.52	1.4760	4,382.2440	\$994.09	2018-08-07	2969	680310
PowerStream Inc.	Business	Small Business Lighting CFF	582005-944	Work Order Complete		Invoiced	2018-07-23 10:00	\$190.01	0.3220	962.1360	\$190.01	2018-08-22	2988	680939
PowerStream Inc.	Business	Small Business Lighting CFF	582011-213	Work Order Complete		Invoiced	2018-07-27 15:00	\$1,988.10	4.6880	14,354.6560	\$1,988.10	2018-08-24	3062	681249
PowerStream Inc.	Business	Small Business Lighting CFF	582005-947	Work Order Complete		Invoiced	2018-07-20 12:15	\$616.26	0.7380	2,865.6540	\$616.26	2018-08-08	3883	681606
PowerStream Inc.	Business	Small Business Lighting CFF	582035-002	Work Order Complete		Invoiced	2018-07-24 9:00	\$6,702.28	9.1020	35,616.1260	\$3,216.78	2018-09-12	3913	681949
PowerStream Inc.	Business	Small Business Lighting CFF	562035-001	Work Order Complete		Invoiced	2018-08-13 13:00	\$8,359.70	8.8500	10,328.4000	\$1,909.70	2018-10-16	3624	682234
PowerStream Inc.	Business	Small Business Lighting CFF	582035-007	Work Order Complete		Invoiced	2018-07-25 11:00	\$1,788.78	2.2140	7,972.6140	\$1,783.98	2018-08-28	3601	682347
PowerStream Inc.	Business	Small Business Lighting CFF	562037-006	Work Order Complete		Invoiced	2018-08-08 10:00	\$1,291.05	1.3760	4,083.9680	\$1,291.05	2018-11-20		

PowerStream Inc.	Business	Small Business Lighting CFF	562011-001	Work Order Complete		Invoiced	2018-08-08 14:00	\$1,913.80	2.6400	9,815.5200	\$1,913.80	2018-09-18	3718	684316
PowerStream Inc.	Business	Small Business Lighting CFF	562011-003	Work Order Complete		Invoiced	2018-08-10 16:00	\$1,298.50	1.2720	4,993.8720	\$1,298.50	2018-09-26	3926	684488
PowerStream Inc.	Business	Small Business Lighting CFF	562011-004	Work Order Complete		Invoiced	2018-08-10 13:00	\$1,891.00	2.4320	9,295.1040	\$1,891.00	2018-10-11	3822	684513
PowerStream Inc.	Business	Small Business Lighting CFF	562011-005	Work Order Complete		Invoiced	2018-08-10 13:45	\$1,530.00	2.0760	7,523.4240	\$1,530.00	2018-09-05	3624	684588
PowerStream Inc.	Business	Small Business Lighting CFF	562035-005	Work Order Complete		Invoiced	2018-08-13 9:30	\$2,065.10	2.0810	6,026.5760	\$2,009.00	2018-11-13	2896	684601
PowerStream Inc.	Business	Small Business Lighting CFF	562035-006	Work Order Complete		Invoiced	2018-08-13 14:00	\$1,550.90	1.7830	6,461.5920	\$1,550.90	2018-12-20	3624	684849
PowerStream Inc.	Business	Small Business Lighting CFF	562037-016	Work Order Complete		Invoiced	2018-08-23 16:00	\$1,921.00	2.7370	7,751.1840	\$1,921.00	2018-11-27	2832	685858
PowerStream Inc.	Business	Small Business Lighting CFF	562011-006	Work Order Complete		Invoiced	2018-08-23 14:00	\$1,927.00	2.5720	7,716.0000	\$1,927.00	2018-10-05	3600	686070
PowerStream Inc.	Business	Small Business Lighting CFF	562011-008	Work Order Complete		Invoiced	2018-08-23 14:00	\$1,942.00	2.6220	8,521.5000	\$1,942.00	2018-09-26	3250	686072
PowerStream Inc.	Business	Small Business Lighting CFF	562011-010	Work Order Complete		Invoiced	2018-08-23 15:30	\$1,979.00	3.2500	16,107.0000	\$1,979.00	2018-11-19	4956	686234
PowerStream Inc.	Business	Small Business Lighting CFF	562035-008	Work Order Complete		Invoiced	2018-08-27 14:30	\$918.40	0.8920	2,870.4560	\$918.40	2018-09-11	3218	686565
PowerStream Inc.	Business	Small Business Lighting CFF	562023-003	Work Order Complete		Invoiced	2018-08-30 10:00	\$797.30	2.5910	7,037.1560	\$797.30	2018-09-14	2716	686706
PowerStream Inc.	Business	Small Business Lighting CFF	561013-003	Work Order Complete		Invoiced	2018-08-28 13:00	\$3,379.00	4.8790	14,178.3740	\$1,921.00	2018-10-25	2906	686770
PowerStream Inc.	Business	Small Business Lighting CFF	562023-004	Work Order Complete		Invoiced	2018-08-31 10:00	\$2,117.00	1.4490	11,106.5850	\$1,985.00	2018-11-02	7665	687160
PowerStream Inc.	Business	Small Business Lighting CFF	562023-005	Work Order Complete		Invoiced	2018-08-31 14:00	\$2,326.00	1.5680	12,018.7200	\$1,921.00	2018-10-19	7665	687342
PowerStream Inc.	Business	Small Business Lighting CFF	562023-006	Work Order Complete		Invoiced	2018-08-31 12:00	\$2,496.90	2.2650	17,361.2250	\$2,160.30	2018-09-19	7665	687593
PowerStream Inc.	Business	Small Business Lighting CFF	562023-008	Work Order Complete		Invoiced	2018-08-30 12:00	\$1,961.40	2.7870	9,024.3060	\$1,961.40	2018-09-14	3238	687597
PowerStream Inc.	Business	Small Business Lighting CFF	562011-013	Work Order Complete		Invoiced	2018-08-31 13:30	\$1,404.00	1.8340	5,043.5000	\$1,368.00	2018-10-15	2750	687753
PowerStream Inc.	Business	Small Business Lighting CFF	562011-014	Work Order Complete		Invoiced	2018-08-31 13:30	\$162.00	0.1580	1,342.3680	\$162.00	2018-10-02	8496	687754
PowerStream Inc.	Business	Small Business Lighting CFF	562011-017	Work Order Complete		Invoiced	2018-08-31 13:45	\$937.50	3.1500	13,381.2000	\$937.50	2018-09-19	4248	687759
PowerStream Inc.	Business	Small Business Lighting CFF	562011-019	Work Order Complete		Invoiced	2018-08-31 15:00	\$622.50	0.9410	3,282.2080	\$622.50	2018-11-08	3488	687764
PowerStream Inc.	Business	Small Business Lighting CFF	562011-021	Work Order Complete		Invoiced	2018-08-31 15:00	\$994.00	1.1800	6,013.2800	\$994.00	2018-09-27	5096	687767
PowerStream Inc.	Business	Small Business Lighting CFF	562011-022	Work Order Complete		Invoiced	2018-08-31 15:15	\$1,106.00	1.4970	4,086.8100	\$1,106.00	2018-09-27	2730	687769
PowerStream Inc.	Business	Small Business Lighting CFF	562011-023	Work Order Complete		Invoiced	2018-08-31 15:00	\$552.50	1.6640	5,408.0000	\$552.50	2018-09-27	3250	687770
PowerStream Inc.	Business	Small Business Lighting CFF	561013-006	Work Order Complete		Invoiced	2018-09-05 15:00	\$2,030.00	2.7680	7,523.4240	\$1,830.00	2018-09-14	2718	687891
PowerStream Inc.	Business	Small Business Lighting CFF	561013-007	Work Order Complete		Invoiced	2018-09-05 10:00	\$1,980.30	2.0010	5,230.6140	\$1,980.30	2018-09-28	2614	687963
PowerStream Inc.	Business	Small Business Lighting CFF	561014-004	Work Order Complete		Invoiced	2018-09-05 11:15	\$5,355.00	4.4250	18,797.4000	\$2,905.00	2018-10-19	4248	688057
PowerStream Inc.	Business	Small Business Lighting CFF	561014-005	Work Order Complete		Invoiced	2018-09-05 11:15	\$5,355.00	4.4250	18,797.4000	\$2,905.00	2018-10-19	4248	688058
PowerStream Inc.	Business	Small Business Lighting CFF	561014-007	Work Order Complete		Invoiced	2018-09-14 11:00	\$882.00	0.9880	3,497.5200	\$882.00	2018-10-12	3540	688282
PowerStream Inc.	Business	Small Business Lighting CFF	561013-008	Work Order Complete		Invoiced	2018-09-13 10:30	\$1,921.00	2.7370	10,230.9060	\$1,921.00	2018-11-08	3738	688679
PowerStream Inc.	Business	Small Business Lighting CFF	561014-008	Work Order Complete		Invoiced	2018-09-18 10:00	\$1,844.40	1.6580	4,616.7000	\$1,844.40	2018-10-17	2250	688991
PowerStream Inc.	Business	Small Business Lighting CFF	562023-010	Work Order Complete		Invoiced	2018-09-20 11:30	\$318.50	0.6740	1,261.7280	\$318.50	2018-11-21	1872	689294
PowerStream Inc.	Business	Small Business Lighting CFF	562011-025	Work Order Complete		Invoiced	2018-09-24 9:00	\$657.20	2.0340	5,593.5000	\$657.20	2018-10-05	2750	689307
PowerStream Inc.	Business	Small Business Lighting CFF	562011-026	Work Order Complete		Invoiced	2018-09-24 10:30	\$1,987.00	2.4880	9,016.5120	\$1,987.00	2018-12-05	3624	689313
PowerStream Inc.	Business	Small Business Lighting CFF	562011-027	Work Order Complete		Invoiced	2018-09-19 10:30	\$1,957.80	2.6820	10,057.5000	\$1,957.80	2018-11-27	3750	689599
PowerStream Inc.	Business	Small Business Lighting CFF	561019-004	Work Order Complete		Invoiced	2018-09-21 14:00	\$3,055.00	1.9140	8,383.3200	\$2,155.00	2018-12-21	4248	690163
PowerStream Inc.	Business	Small Business Lighting CFF	561019-006	Work Order Complete		Invoiced	2018-10-05 9:15	\$651.00	0.7990	1,598.0000	\$651.00	2018-11-13	2000	690290
PowerStream Inc.	Business	Small Business Lighting CFF	561013-010	Work Order Complete		Invoiced	2018-09-27 10:00	\$1,780.00	2.4220	12,206.8800	\$1,780.00	2018-12-05	5040	690291
PowerStream Inc.	Business	Small Business Lighting CFF	562011-028	Work Order Complete		Invoiced	2018-09-24 15:00	\$1,960.00	2.5650	9,670.0500	\$1,960.00	2018-11-05	3770	690366
PowerStream Inc.	Business	Small Business Lighting CFF	561019-008	Work Order Complete		Invoiced	2018-10-03 11:00	\$597.00	0.6230	1,713.2500	\$597.00	2018-11-26	2750	690393
PowerStream Inc.	Business	Small Business Lighting CFF	561019-010	Work Order Complete		Invoiced	2018-10-03 10:00	\$998.90	1.4840	9,669.7440	\$998.90	2018-12-17	6516	690529
PowerStream Inc.	Business	Small Business Lighting CFF	561019-012	Work Order Complete		Invoiced	2018-10-03 14:15	\$2,974.50	3.2900	9,047.5000	\$2,183.70	2018-12-03	2750	690550
PowerStream Inc.	Business	Small Business Lighting CFF	561019-015	Work Order Complete		Invoiced	2018-10-17 10:30	\$2,008.50	2.4590	4,268.5400	\$2,002.50	2018-11-05	1300	691317
PowerStream Inc.	Business	Small Business Lighting CFF	561019-018	Work Order Complete		Invoiced	2018-10-02 13:45	\$2,272.10	8.2780	23,973.0880	\$2,080.40	2018-11-13	2896	691354
PowerStream Inc.	Business	Small Business Lighting CFF	561019-021	Work Order Complete		Invoiced	2018-10-17 12:15	\$630.20	0.8660	2,561.6280	\$630.20	2018-11-29	2958	691519
PowerStream Inc.	Business	Small Business Lighting CFF	561019-022	Work Order Complete		Invoiced	2018-10-03 16:00	\$1,018.85	0.9770	3,388.2360	\$1,018.85	2018-11-05	3468	691531
PowerStream Inc.	Business	Small Business Lighting CFF	562020-001	Work Order Complete		Invoiced	2018-10-12 15:00	\$991.10	0.9560	7,327.7400	\$991.10	2018-11-05	7665	691867
PowerStream Inc.	Business	Small Business Lighting CFF	561013-018	Work Order Complete		Invoiced	2018-10-17 10:00	\$220.00	0.2700	2,358.7200	\$220.00	2018-12-18	8736	692286
PowerStream Inc.	Business	Small Business Lighting CFF	561019-025	Work Order Complete		Invoiced	2018-10-24 13:00	\$933.00	0.6500	2,991.3000	\$933.00	2018-11-26	4602	692294
PowerStream Inc.	Business	Small Business Lighting CFF	561013-022	Work Order Complete		Invoiced	2018-12-05 10:15	\$4,190.20	3.7960	9,133.1760	\$2,575.60	2018-12-21	2406	692531
PowerStream Inc.	Business	Small Business Lighting CFF	561019-028	Work Order Complete		Invoiced	2018-10-24 15:00	\$1,569.00	1.0640	5,407.2480	\$1,569.00	2018-12-19	5082	692737
PowerStream Inc.	Business	Small Business Lighting CFF	561013-027	Work Order Complete		Invoiced	2018-10-24 11:15	\$1,488.00	1.0080	5,084.3520	\$1,488.00	2018-12-18	5044	693353
PowerStream Inc.	Business	Small Business Lighting CFF	561019-033	Work Order Complete		Invoiced	2018-11-14 11:00	\$1,840.00	1.4630	3,291.7500	\$1,840.00	2018-12-07	2250	693957
PowerStream Inc.	Business	Small Business Lighting CFF	561019-035	Work Order Complete		Invoiced	2018-10-30 12:45	\$1,282.50	3.4840	16,259.8280	\$1,282.50	2018-11-29	4667	694391
PowerStream Inc.	Business	Small Business Lighting CFF	561019-037	Work Order Complete		Invoiced	2018-10-26 10:00	\$1,479.00	1.3540	10,378.4100	\$1,479.00	2018-12-05	7665	694625
PowerStream Inc.	Business	Small Business Lighting CFF	561019-038	Work Order Complete		Invoiced	2018-10-30 14:30	\$3,028.00	3.9710	8,934.7500	\$1,975.00	2018-11-22	2250	694959
PowerStream Inc.	Business	Small Business Lighting CFF	561019-042	Work Order Complete		Invoiced	2018-11-02 10:00	\$1,650.00	1.1200	6,115.2000	\$1,650.00	2018-12-07	5460	695131
PowerStream Inc.	Business	Small Business Lighting CFF	562011-029	Work Order Complete		Invoiced	2018-11-01 13:00	\$288.30	0.5040	1,886.9760	\$288.30	2018-11-26	3744	695324
PowerStream Inc.	Business	Small Business Lighting CFF	562011-030	Work Order Complete		Invoiced	2018-11-01 14:00	\$2,661.50	4.6910	17,563.1040	\$2,553.70	2018-12-19	3744	695495
PowerStream Inc.	Business	Small Business Lighting CFF	562011-031	Work Order Complete		Invoiced	2018-11-02 15:00	\$639.00	1.0380	3,653.7600	\$639.00	2018-11-26	3520	695605
PowerStream Inc.	Business	Small Business Lighting CFF	562011-032	Work Order Complete		Invoiced	2018-11-05 14:00	\$618.00	1.0690	3,874.0560	\$618.00	2018-11-28	3624	695808
PowerStream Inc.	Business	Small Business Lighting CFF	561019-049	Work Order Complete		Invoiced	2018-11-08 13:30	\$1,023.00	0.7800	2,651.2200	\$1,023.00	2018-11-21	3399	696211
PowerStream Inc.	Business	Small Business Lighting CFF	561019-054	Work Order Complete		Invoiced	2018-11-27 12:00	\$1,444.00	0.9560	4,710.2120	\$1,444.00	2018-12-07	4927	696937
PowerStream Inc.	Business	Small Business Lighting CFF	561019-063	Work Order Complete		Invoiced	2018-12-03 9:00	\$2,037.70	1.8910	4,727.5000	\$1,996.30	2018-12-27	2500	699201
PowerStream Inc.	Business	Small Business Lighting CFF	562011-033	Work Order Complete		Invoiced	2018-11-29 13:30	\$690.50	1.1020	6,800.4420	\$690.50	2018-12-18	6171	699353
PowerStream Inc.	Business	Small Business Lighting CFF	561019-064	Work Order Complete		Invoiced	2018-12-03 12:00	\$1,814.50	1.6260	9,723.4800	\$1,814.50	2018-12-17	5980	699384
PowerStream Inc.	Business	Small Business Lighting CFF	561019-065	Work Order Complete		Invoiced	2018-12-03 15:00	\$430.50	0.3940	1,720.9920	\$430.50	2018-12-13	4368	699385
PowerStream Inc.	Business	Small Business Lighting CFF	561013-045	Work Order Complete		Invoiced	2018-12-05 11:30	\$2,326.00	1.5680	4,801.2160	\$1,921.00	2018-12-24	3062	699770

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Attachment 2 – OPower Report

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**References: LRAMVA workform (Attachment 35), Tabs 5 and 8 (Street Lighting Savings)
Application, Exhibit 3, Tab 1, Schedule 10, p. 4 of 17
Participation & Cost (P&C) Report – Alectra Utilities (Attachment 40)**

It is unclear whether all prior years' energy savings from street lighting projects in the PowerStream RZ (2015, 2016, 2017 and 2018) were deducted from the retrofit program.

- a) Please provide the details as noted in the table below, and modify the inputs in the table as applicable to the specific rate zone:**

PowerStream Rate Zone

CFF related savings	PRZ Savings (LRAMVA Workform)	Savings from 2015/16 Results Report (IESO)	Savings from 2017 Results Report (IESO)	P&C Report (2018 unverified)
2015 Save on Energy Retrofit (kWh)		X kWh		
% Allocation of Total Retrofit Savings (2015) - PRZ	%	100%		
2015 Save on Energy Retrofit (kWh) - PRZ	X kWh	X kWh		
Street light Savings (kWh deduction)	X kWh			
2016 Save on Energy Retrofit (kWh)		X kWh		
% Allocation of Total Retrofit Savings (2016) - PRZ	%	100%		
2016 Save on Energy Retrofit (kWh) - PRZ	X kWh	X kWh		
Street light Savings (kWh deduction)	X kWh			
2017 Save on Energy Retrofit (kWh)			X kWh	
% Allocation of Total Retrofit Savings (2017) - PRZ	%		100%	
2017 Save on Energy Retrofit (kWh) – PRZ	X kWh		X kWh	
Street light Savings (kWh deduction)	X kWh			
2018 Save on Energy Retrofit (kWh)				X kWh
% Allocation of Total Retrofit Savings (2018)	%			100%

- PRZ				
2018 Save on Energy Retrofit (kWh) – PRZ	X kWh			X kWh
Street light Savings (kWh deduction)	X kWh			

Response:

a) Alectra Utilities confirms that all prior years' energy savings from streetlight projects were deducted from the retrofit program. Table 1 below provides details of Alectra Utilities' energy savings for the street lighting and retrofit programs in the PowerStream Rate Zone. Alectra Utilities did not apply a street light savings reduction in 2015 for the PowerStream RZ, as street light savings were excluded from the retrofit total in the IESO verified savings report. The savings from the P&C report issued by the IESO includes aggregated saving for Alectra Utilities; as a result, the savings were allocated to each rate zone. The Post P&C report includes savings at the rate zone level and do not require an allocation by rate zone

Table 1 – PowerStream Rate Zone Energy Retrofit and Streetlight Savings

CFF related savings	PRZ Savings (LRAMVA Workform)	Savings from 2015/16 Results Report (IESO)	Savings from 2017 Results Report (IESO)	P&C Report (2018 unverified)	Post P&C Report (2018 unverified)
2015 Save on Energy Retrofit (kWh)		16,950,765 kWh			
% Allocation of Total Retrofit Savings (2015) - PRZ	%	100%			
2015 Save on Energy Retrofit (kWh) - PRZ	16,950,765 kWh	16,950,765 kWh			
Street light Savings (kWh deduction)	0 kWh				
2016 Save on Energy Retrofit (kWh)		60,465,338 kWh	36,450,274 kWh		
% Allocation of Total Retrofit Savings (2016) - PRZ	%	100%	36%		

2016 Save on Energy Retrofit (kWh) - PRZ	72,199,367 kWh	60,465,338 kWh	13,004,247 kWh		
Street light Savings (kWh deduction)	1,270,218 kWh				
2017 Save on Energy Retrofit (including P4P) (kWh)			138,055,153 kWh	97,612,323 kWh	
% Allocation of Total Retrofit Savings (2017) - PRZ	%		59%	17%	
2017 Save on Energy Retrofit (including P4P) (kWh) – PRZ	96,919,379 kWh		81,380,514 kWh	17,056,382 kWh	
Street light Savings (kWh deduction)	1,517,517 kWh				
2018 Save on Energy Retrofit (including P4P) (kWh)				61,969,008 kWh	62,181,660 kWh
% Allocation of Total Retrofit Savings (2018) - PRZ	%			45%	100%
2018 Save on Energy Retrofit (including P4P) (kWh) – PRZ	89,571,155 kWh			27,921,089 kWh	62,181,660 kWh
Street light Savings (kWh deduction)	531,594 kWh				

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Reference: LRAMVA workform (Attachment 37), Tab 1/ Tab 1-a (Updates)

- a) If Alectra Utilities made any changes to the LRAMVA workform as a result of its responses to the above LRAMVA interrogatories, please file an updated LRAMVA workform, and confirm the LRAMVA balance requested for disposition, the disposition period and the revised rate riders.**
- b) Please record any changes to the LRAMVA workform in response to these LRAMVA interrogatories in “Table A-2. Updates to LRAMVA Disposition (Tab 1-a)”.**

Response:

- 1 a) and b) Alectra Utilities has not made any changes to the LRAMVA workform for the
- 2 PowerStream RZ as a result of its responses to LRAMVA interrogatories.

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Reference: Attachment 6 – ICM Business Cases Powerstream RZ, Pages 3-4

One of the alternative options Alectra Utilities considered for the Rutherford Road Widening project is to install underground feeder cables in lieu of an overhead system. The business case noted that this option would have the benefit of additional protection against elements such as weather-related events, animal contacts and collisions from vehicles, albeit at a higher cost.

- a) What is the estimated cost of relocating all assets underground?
- b) Has Alectra Utilities performed a quantitative analysis of the reliability benefits of relocating all assets underground? If yes, please provide the analysis. If no, why not?

Response:

- a) Alectra Utilities has provided a comparison of the estimated gross cost of the installation of underground feeder cables in place of an overhead system (Option 2 in the PRZ ICM Business Case, Attachment 6) to the estimated gross cost to relocate overhead and underground assets based on the current configuration (Option 3), in Table 1, below. The estimated cost of relocating all assets underground is \$11.3MM or over 3.5 times higher than Option 3, which is Alectra Utilities' proposed option.

Table 1 – Rutherford Gross Cost Option 2 vs. Option 3 Comparison (\$MM)

Like for Like Rebuild Option 3	Underground Rebuild Option 2	Difference
\$4.4	\$15.7	\$11.3

- b) Alectra Utilities has reviewed the current performance of the overhead assets in project area and deemed the reliability benefit negligible. The two circuits on this pole line have seen no issues related to the overhead equipment since 2015.

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References: Exhibit 2, Tab 1, Schedule 1, Pages 14-15
EB-2019-0018, Responses to Oral Hearing Undertakings, October 23, 2019, J2.4
Alectra Utilities 2020 Distribution System Plan (DSP), Appendix A05, Page 15-17

Reference 1 estimates an in-service date of Q3 2021 for the Rutherford Road Widening Project.

- a) Given the impact of COVID-19, how confident is Alectra Utilities that this work will proceed as scheduled in 2021 and has Alectra Utilities undertaken any steps to mitigate the impact of COVID-19?

In reference 2, OEB staff notes certain cable injection projects that involve the Rutherford area. For example, OEB staff notes project #151466 “Cable Replacement Project – (V24) – Langstaff – Jane – Rutherford – Keele – Vaughn.”

- b) Please explain whether there is any overlap between Alectra Utilities’ planned system renewal work and the 2.8km stretch of Rutherford road as part of this road widening project. If yes:
- i. Has Alectra Utilities coordinated the system renewal work with this road widening project so as to avoid duplication of work? If no, why not?
 - ii. Has Alectra Utilities removed from this project budget any work that is funded through system renewal budget? If no, why not?

In reference 3, Alectra Utilities’ DSP discusses proposed investments to increase the resilience of Alectra Utilities’ overhead distribution system to adverse weather events, referred to as “Storm Hardening.” OEB staff notes that the scope of these investments includes the Powerstream service territory.

- c) Are there any overhead assets being relocated as part of the Rutherford Road Widening project that are also planned to be upgraded as part of Storm Hardening?
- d) If yes to part d), has Alectra Utilities removed from this project budget any work that is funded through the Storm Hardening budget?

Response:

- 1 a) Alectra Utilities has established work procedures for crews to complete work under COVID-
2 19 restrictions. Under the COVID-19 restrictions established by the Ontario government, work
3 on Road Authority projects was deemed essential, and therefore has continued. Please also
4 see Alectra Utilities’ response to CCC-8.

1 b) There is no overlap between the Rutherford Road Widening Project and the Cable
2 Replacement Project (V24). As a result, no changes are required to the budget for the
3 Rutherford Road Widening project.

4
5 c) and d) There are two poles being relocated as part of the Rutherford Road Widening project.
6 The storm hardening work that is expected to occur in this area is scheduled for 2024. Between
7 the Rutherford Road Widening project and the storm hardening work in the same area, the only
8 potential overlap in asset replacement is the replacement of two poles. That budget impact is
9 immaterial and is approximately \$0.03MM. Alectra Utilities will assess its storm hardening
10 projects prior to 2024 for the Rutherford area and revise the budget in the event that there is
11 duplication of the two poles that were replaced as part of the Road Authority project.

GRZ-Staff-48

**References: GRZ RGM, Tab 3 Continuity Schedule
GRZ GA Analysis Workform, Principal Adjustments tab**

In the Rate Generator Model Continuity Schedule, Alectra Utilities noted the following transactions for Account 1588:

Account 1588 principal balance	2018	2019
Transactions during the year	(45,719)	3,864,099
Principal Adjustments during the year	1,736,852	54,586

Under Note 8 of the GA Analysis Workform, Principal Adjustments tab, Alectra Utilities provided details of the current year principal adjustments in 2018 and 2019 for Account 1588:

Account 1588 - RSVA Power			
Year	Adjustment Description	Amount	Year Recorded in GL
2018	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual RPP volumes		
	2 CT 1142 true-up based on actuals		
	3 Unbilled to actual revenue differences		
	4 Impact of adopting OEB 1588 & 1589 accounting guidance vs. IESO claims for years 2017 and 2018	1,736,852	2,019
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	1,736,852	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	1,736,852	
Account 1588 - RSVA Power			
Year	Adjustment Description	Amount	Year Recorded in GL
2019	Reversals of prior year principal adjustments		
	1 Reversal of CT 148 true-up of GA Charges based on actual RPP volumes		
	2 Reversal of CT 1142 true-up based on actuals		
	3 Reversal of Unbilled to actual revenue differences		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	-	
2019	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual RPP volumes	54,586	2020
	2 CT 1142 true-up based on actuals		
	3 Unbilled to actual revenue differences		
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	54,586	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	54,586	

- a) **Given that the 2018 principal adjustment of \$1,736,852 was recorded in the GL in 2019, please confirm that this amount is included in the 2019 total transactions figure of \$3,864,099.**
- b) **If yes to a), the 2018 adjustment of \$1,736,852 would need to be shown as a reversal on both the 2019 principal adjustments on the continuity schedule and the GA Analysis Workform Principal Adjustments, 2019 Reversal of prior year principal adjustments. Please re-file the Rate Generator Model continuity schedule and the GA Analysis Workform, Principal Adjustments tab to reflect the reversal of \$1,736,852 in 2019. If Alectra Utilities disagrees with the need for this reversal, please explain.**
- c) **If no to a), please confirm when the 2018 adjustment of \$1,736,852 was recorded in the GL.**

Response:

a) b) and c)

Alectra Utilities clarifies that the 2018 principal adjustment of \$1,736,852 has not been recorded in the GL and therefore this amount is not included in the 2019 total transactions figure of \$3,865,099.

The 2018 adjustment amount of \$1,736,852 relates to the impact of the OEB's updated Regulatory Accounting and RPP Settlement Guidance on Alectra Utilities' Account 1588 balance for the 2018 and 2017 periods not disposed of on a final basis, for the Guelph Hydro RZ. In its 2020 EDR Application (EB-2019-0018), Alectra Utilities filed an addendum to its Argument in Chief ("AIC") submission on September 5, 2019, and proposed to adjust the Account 1588 and Account 1589 balances in the Guelph Hydro RZ by \$1,736,852 and (\$23,739), respectively, as the impact to Account 1588 exceeded the materiality threshold. In the 2020 EDR Application, Alectra Utilities updated the 2018 continuity schedule for the Guelph Hydro RZ to include these principal adjustments. As a result of this update, the Group 1 balances did not meet the OEB's pre-set disposition threshold of \$0.001/kWh, and Alectra Utilities did not request disposition of the balances in the Guelph Hydro RZ.

In accordance with Question 29 of the OEB's *Q&A's for Accounting Guidance on Accounts 1588 and 1589* document, the OEB states: "adjustments should be fully explained in a rate application and treatment of these adjustments will be determined on a case-by-case basis." Since Alectra Utilities did not dispose of the 2018 Group 1 balances in the Guelph Hydro RZ in the 2020 Application, the treatment of these adjustments were not determined at that time.

- 1 In this Application, Alectra Utilities is requesting disposition of Group 1 balances for the Guelph
- 2 Hydro RZ as of December 31, 2019.

GRZ-Staff-49

**References: GRZ RGM, Tab 3 Continuity Schedule
GRZ GA Analysis Workform, Principal Adjustments tab**

In the Rate Generator Model Continuity Schedule, Alectra Utilities noted the following transactions for Account 1589:

Account 1589 principal balance	2018	2019
Transactions during the year	(2,229,900)	2,601,202
Principal Adjustments during the year	37,365	(1,822,241)

Under Note 8 of the GA Analysis Workform, Principal Adjustments tab, Alectra Utilities provided details of the current year principal adjustments in 2018 and 2019 for Account 1589:

Account 1589 - RSVA Global Adjustment			
Year	Adjustment Description	Amount	Year Recorded in GL
2018	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	220,196	2019
	2 Unbilled to actual revenue differences		
	3 RPP portion of 2018 IESO Invoice Adjustments returned to IESO in 2019	223,075	2019
	4 Correction to Unbilled Revenue query for RPP consumption allocation for period of January 2017 to May 2018	(113,562)	2019
	5 GA Impact of adopting OEB 1588 & 1589 accounting guidance for prior periods 2017	(23,739)	2019
	6		
	7		
	8		
	Total Current Year Principal Adjustments	305,969	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	37,364	
Account 1589 - RSVA Global Adjustment			
Year	Adjustment Description	Amount	Year Recorded in GL
2019	<i>Reversals of prior year principal adjustments</i>		
	1 Reversal of prior year CT-148 true-up of GA Charges based on actual Non-RPP volumes	(220,196)	2019
	2 Reversal of Unbilled to actual revenue differences		
	3		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	(220,196)	
2019	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	(188,031)	2020
	2 Unbilled to actual revenue differences	(1,414,014)	2020
	3		
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	(1,602,045)	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	(1,822,241)	

- a) Given that the following 2018 principal adjustments were recorded in the GL in 2019, please confirm that these amounts have been included in the 2019 total transactions figure of \$2,601,202:

3	RPP portion of 2018 IESO Invoice Adjustments returned to IESO in 2019	223,075	2019
4	Correction to Unbilled Revenue query for RPP consumption allocation for period of January 2017 to May 2018	(113,562)	2019
5	GA Impact of adopting OEB 1588 & 1589 accounting guidance for prior periods 2017	(23,739)	2019
	Total	85,773	

- b) If yes to a), the 2018 adjustments totaling \$85,773 would need to be shown as a reversal on both the 2019 principal adjustments on the continuity schedule and the GA Analysis Workform Principal Adjustments, 2019 Reversal of prior year principal adjustments. Please re-file the Rate Generator Model continuity schedule and the GA Analysis Workform, Principal Adjustments tab to reflect the reversals totaling \$85,773 in 2019. If Alectra Utilities disagrees with the need for this reversal, please explain.**
- c) If no to a), please confirm when the 2018 adjustments totaling \$85,773 were recorded in the GL.**

Response:

a) b) and c)

Alectra Utilities clarifies that the 2018 principal adjustment amounts of \$223,075, (\$113,562), and (\$23,739) have not been recorded in the GL in 2019, and therefore these amounts are not included in the 2019 total transactions figure of \$2,601,202.

The 2018 adjustment amount of \$223,075 relates to the RPP allocation for differences in the IESO posted vs. billed rate in 2018. This analysis is presented in the 2018 IESO Invoice Adjustment tab of the GA Analysis Workform for the Guelph Hydro RZ and has not been recorded in the GL.

The 2018 adjustment amount of (\$113,562) relates to the correction of RPP consumption allocations used to determine the GA True-up for RPP customers for the period January to December 2017. This adjustment pertains to 2017 and was recorded in the GL in 2018. Therefore, Alectra Utilities has removed the adjustment from the 2018 balance by way of a principal adjustment of (\$113,562).

The 2018 adjustment amount of (\$23,739) relates to the impact of the OEB's updated Regulatory Accounting and RPP Settlement Guidance on Alectra Utilities' Account 1589 balance in the Guelph Hydro RZ. Please see Alectra Utilities' response to GRZ-Staff-48 for further details.

1 Alectra Utilities has updated the GA Analysis Workform for the Guelph Hydro RZ as follows:

- 2 • Principal Adjustment \$223,075 description reads “RPP portion of 2018 IESO
3 Adjustments”, with Year Recorded in the GL reference to 2019 removed.
- 4 • Principal Adjustment \$(113,562) description reads “Adjustment to RPP consumption
5 allocations for RPP GA True-up for 2017” with the Year Recorded in GL as 2018.
- 6 • Principal Adjustment \$(23,739) with Year Recorded in GL reference to 2019 removed.

7
8 The updated GA Analysis Workform is filed as GRZ-Staff-49_Attach 1_GA Workform GRZ.

GRZ-Staff-49

Attachment 1 – GA Workform Guelph RZ



Ontario Energy Board

GA Analysis Workform

Version 1.9

Account 1589 Global Adjustment (GA) Analysis Workform

Input cells
Drop down cells

Utility Name **ALECTRA UTILITIES CORPORATION - GUELPH RATE ZONE**

Note 1

For Account 1589,

a) If the account was last approved on a final basis, select the year that the balance was last approved on a final basis.

b) If the account was last approved on an interim basis, and

i) there are no changes to the previously approved interim balances, select the year that the balances were last approved for disposition on an interim basis. OR

ii) there are changes to the previously approved interim balances, select the year that the balances were last approved for disposition on a final basis. An explanation should be provided to explain the reason for the change in the previously approved interim balances.

(e.g. If 2017 balances reviewed in the 2019 rate application were to be selected, select 2017)

2017

Instructions:

Year	Annual Net Change in Expected GA Balance from GA Analysis	Net Change in Principal Balance in the GL	Reconciling Items	Adjusted Net Change in Principal Balance in the GL	Unresolved Difference	\$ Consumption at Actual Rate Paid	Unresolved Difference as % of Expected GA Payments to IESO
2018	\$ (68,191)	\$ (2,229,900)	\$ 2,090,089	\$ (139,811)	\$ (71,620)	\$ 34,538,348	-0.2%
2019	\$ 798,580	\$ 2,601,202	\$ (1,822,241)	\$ 778,961	\$ (19,619)	\$ 38,304,074	-0.1%
Cumulative Balance	\$ 730,389	\$ 371,302	\$ 267,848	\$ 639,150	\$ (91,238)	\$ 72,842,422	N/A

GA Analysis Workform

Account 1589 Global Adjustment (GA) Analysis Workform

Input cells
Drop down cells

Note 1 **Year(s) Requested for Disposition** **2018**

Note 2 Consumption Data Excluding for Loss Factor (Data to agree with RRR as applicable)

Year	2018			
Total Metered excluding WMP	C = A+B	1,671,900,470	kWh	100%
RPP	A	532,946,022	kWh	31.9%
Non RPP	B = D+E	1,138,954,449	kWh	68.1%
Non-RPP Class A	D	779,216,990	kWh	46.6%
Non-RPP Class B*	E	359,737,459	kWh	21.5%

*Non-RPP Class B consumption reported in this table is not expected to directly agree with the Non-RPP Class B Including Loss Adjusted Billed Consumption in the GA Analysis of Expected Balance table below. The difference should be equal to the loss factor.

Note 3 GA Billing Rate

GA is billed on the **1st Estimate**

GA Billing Rate Description

Guelph RZ bills customers based on the GA first estimate, and the IESO charges GA based on actual GA rates. Guelph RZ applies GA first estimate on all billing and unbilled revenue transactions for non-RPP Class B customers in each customer class.

Note 4 Analysis of Expected GA Amount

Year	2018								
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	H	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	33,367,896	33,115,105	23,548,237	23,801,029	0.08777	\$ 2,089,016	0.06736	\$ 1,603,237	-\$ 485,779
February	33,760,540	23,548,237	21,111,720	31,324,023	0.07333	\$ 2,296,991	0.08167	\$ 2,558,233	\$ 261,242
March	33,077,199	21,111,720	24,388,102	36,353,581	0.07877	\$ 2,863,572	0.09481	\$ 3,446,683	\$ 583,111
April	31,382,198	24,388,102	22,181,728	29,175,824	0.09810	\$ 2,862,148	0.09959	\$ 2,905,620	\$ 43,472
May	36,708,619	22,181,728	23,209,095	37,735,986	0.09392	\$ 3,544,164	0.10793	\$ 4,072,845	\$ 528,681
June	31,525,927	23,209,095	22,196,010	30,512,842	0.13336	\$ 4,069,193	0.11896	\$ 3,629,808	-\$ 439,385
July	31,394,699	22,196,010	23,162,790	32,361,479	0.08502	\$ 2,751,373	0.07737	\$ 2,503,808	-\$ 247,565
August	33,669,953	23,162,790	21,464,531	31,971,694	0.07790	\$ 2,490,595	0.07490	\$ 2,394,680	-\$ 95,915
September	27,061,113	21,464,531	19,789,981	25,386,563	0.08424	\$ 2,138,564	0.08584	\$ 2,179,183	\$ 40,619
October	31,394,962	19,789,981	21,082,926	32,687,907	0.08921	\$ 2,916,088	0.12059	\$ 3,941,835	\$ 1,025,747
November	27,030,332	21,082,926	24,055,452	30,002,858	0.12235	\$ 3,670,850	0.09855	\$ 2,956,782	-\$ 714,068
December	28,815,169	24,055,452	26,920,932	31,680,650	0.09198	\$ 2,913,986	0.07404	\$ 2,345,635	-\$ 568,351
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	379,188,607	279,305,674	273,111,502	372,994,435		\$ 34,606,539		\$ 34,538,348	-\$ 68,191

Calculated Loss Factor **1.0369**
Most Recent Approved Loss Factor for Secondary **1.026**
Difference **1.1%**

b) Please provide an explanation in the textbox below if the difference in loss factor is greater than 1%

Guelph's December 2018 unbilled estimate for Non-RPP Class B consumption was higher than the actuals, which caused the 2018 calculated loss factor to be higher than Guelph's approved loss factor.

Note 5 **Reconciling Items.**

	Item	Amount	Explanation	Principal Adjustment on DVA Continuity Schedule	Principal Adjustments If "no", please provide an explanation
	Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	-\$ 2,229,900			
1a	True-up of GA Charges based on Actual Non-RPP Volumes - prior year	\$ 145,888	GA RPP true-up was done monthly and Dec 2017 true-up (payment from IESO) was included in the 1589 balance disposed in 2019 IRM (see Tab "Rec Item 1a&b - GA Trueup") \$145,888 payment from IESO.	Yes	
1b	True-up of GA Charges based on Actual Non-RPP Volumes - current year	\$ 220,196	GA RPP true-up was done monthly and Dec 2018 was not included in the 1589 balance (see Tab "Rec Item 1a&b - GA Trueup") \$220,196 payment to IESO.	Yes	
2a	Remove prior year end unbilled to actual revenue differences				
2b	Add current year end unbilled to actual revenue differences				
3a	Remove difference between prior year accrual/forecast to actual from long term load transfers				
3b	Add difference between current year accrual/forecast to actual from long term load transfers				
4	Remove GA balances pertaining to Class A customers				
5	Significant prior period billing adjustments recorded in current year				
6	Differences in GA IESO posted rate and rate charged on IESO invoice	\$ 131,591	2018 IESO adjustments pertaining to non-RPP - Tab IESO Invoice Adjustments 2018, cell H27	No	This Non-RPP portion of IESO Invoice adjustments is already recorded in GL when IESO Invoice is received. Therefore it is already on the Cost side of Acct 1589 and no Principal Adjustment required.
7	Differences in actual system losses and billed TLFs				
8	Differences in GA IESO posted rate and rate charged on IESO invoice	-\$ 414,493	GRZ 2019 IRM (EB-2018-0036) 2017 IESO adjustments pertaining to RPP booked as a debit in 1589 on December 2018 - Please see file Guelph_IESO Invoice Adjustments Analysis, Tab IESO Invoice Adjustments 2017, Table 4, cell H25;	Yes	
9	Differences in GA IESO posted rate and rate charged on IESO invoice	\$ 223,075	2018 IESO adjustments pertaining to RPP - Please see Tab IESO Invoice Adjustments 2018, Table 4, cell H26;	Yes	
10	Difference between UBR calculated at GA first estimate rate vs. GA weighted average rate	\$ 195,290	December 2017 UBR: Difference between UBR calculated at GA first estimate rate vs. GA weighted average rate - please see Tab. GA Detailed Analysis, Table 5	No	The Unbilled GA at weighted average rate was booked to the GL. This reconciling item represents the impact/difference between Unbilled at the weighted average rate vs. 1st Estimate rate used in the Expected GA Amount table (Note 4). No Principal Adj required.
11	Difference between UBR calculated at GA first estimate rate vs. GA weighted average rate	\$ 194,533	December 2018 UBR: Difference between UBR calculated at GA first estimate rate vs. GA weighted average rate - please see Tab. GA Detailed Analysis, Table 5	No	The Unbilled GA at weighted average rate was booked to the GL. This reconciling item represents the impact/difference between Unbilled at the weighted average rate vs. 1st Estimate rate used in the Expected GA Amount table (Note 4). No Principal Adj required.
12	The billing cycle is not on a calendar month	\$ 687,910	The billing cycle is not on a calendar month for most customers; our billing system uses a weighted average daily rate for applying Global Adjustment to bills	No	Billed GA is booked to the GL on the Revenue side of Acct 1589. This reconciling item represents the impact of billed GA vs. the Expected GA Amount table (Note 4). No Principal Adjustment required.
13	Differences in GA IESO posted rate and rate charged on IESO invoice	\$ 819,662	GRZ 2019 IRM (EB-2018-0036) 2017 IESO adjustments pertaining to non-RPP - Please see file Guelph_IESO Invoice Adjustments Analysis, Tab IESO Invoice Adjustments 2017, Table 4, cell H26	No	This Non-RPP portion of IESO Invoice adjustments is already recorded in GL when IESO Invoice is received. Therefore it is already on the Cost side of Acct 1589 and no Principal Adjustment required.
14	Correction to UBR for RPP consumption	-\$ 113,562	GRZ corrected the query for UBR and reconciled kWhs for GA true-up for 2017 and Jan. to May 2018; the result was that the amount of \$113,562 pertaining to 2017 RPP GA true-up was debited to 1589.	Yes	
	Adjusted Net Change in Principal Balance in the GL	-\$ 139,811			
Note 6	Net Change in Expected GA Balance in the Year Per Analysis	-\$ 68,191			
	Unresolved Difference	-\$ 71,620			
	Unresolved Difference as % of Expected GA Payments to IESO	-0.2%			



Ontario Energy Board

GA Analysis Workform

Account 1589 Global Adjustment (GA) Analysis Workform

Input cells
Drop down cells

Note 1 Year(s) Requested for Disposition

2019

Note 2 Consumption Data Excluding for Loss Factor (Data to agree with RRR as applicable)

Year		2019		
Total Metered excluding WMP	C = A+B	1,625,104,606	kWh	100%
RPP	A	529,133,769	kWh	32.6%
Non-RPP	B = D+E	1,095,970,837	kWh	67.4%
Non-RPP Class A	D	748,588,669	kWh	46.1%
Non-RPP Class B*	E	347,382,168	kWh	21.4%

*Non-RPP Class B consumption reported in this table is not expected to directly agree with the Non-RPP Class B Including Loss Adjusted Billed Consumption in the GA Analysis of Expected Balance table below. The difference should be equal to the loss factor.

Note 3 GA Billing Rate

GA is billed on the

1st Estimate

GA Billing Rate Description

Guelph RZ bills customers based on the GA first estimate, and the IESO charges GA based on actual GA rates. Guelph RZ applies GA first estimate on all billing and unbilled revenue transactions for non-RPP Class B customers in each customer class.

Note 4 Analysis of Expected GA Amount

Year	2019								
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	H	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	29,980,845	26,920,932	26,294,394	29,354,307	0.06741	\$ 1,978,774	0.08092	\$ 2,375,351	\$ 396,577
February	29,868,863	26,294,394	26,485,887	30,060,356	0.09657	\$ 2,902,929	0.08812	\$ 2,648,919	\$ 254,010
March	30,822,271	26,485,887	20,558,349	24,894,733	0.08105	\$ 2,017,718	0.08041	\$ 2,001,785	\$ 15,933
April	27,815,143	20,558,349	17,781,165	25,037,958	0.08129	\$ 2,035,336	0.12333	\$ 3,087,931	\$ 1,052,596
May	31,261,122	17,781,165	13,797,954	27,277,912	0.12860	\$ 3,507,939	0.12604	\$ 3,438,108	\$ 69,831
June	21,854,188	13,797,954	22,630,679	30,686,912	0.12444	\$ 3,818,679	0.13728	\$ 4,212,699	\$ 394,020
July	27,271,718	22,630,679	24,146,313	28,787,352	0.13527	\$ 3,894,065	0.09645	\$ 2,776,540	\$ 1,117,525
August	31,536,157	24,146,313	24,738,138	32,127,983	0.07211	\$ 2,316,749	0.12607	\$ 4,050,375	\$ 1,733,626
September	32,292,641	24,738,138	27,201,721	34,756,223	0.12934	\$ 4,495,370	0.12263	\$ 4,262,156	\$ 233,214
October	30,968,681	27,201,721	20,113,187	23,880,147	0.17878	\$ 4,269,293	0.13680	\$ 3,266,804	\$ 1,002,489
November	29,509,305	20,113,187	27,642,935	37,039,053	0.10727	\$ 3,973,179	0.09953	\$ 3,686,497	\$ 286,682
December	30,287,862	27,642,935	24,143,067	26,787,994	0.08569	\$ 2,295,463	0.09321	\$ 2,496,909	\$ 201,446
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	353,468,797	278,311,655	275,533,790	350,690,931		\$ 37,505,494		\$ 38,304,074	\$ 798,580

Calculated Loss Factor 1.0095
Most Recent Approved Loss Factor for Secondary 1.026
Difference -1.6%

b) Please provide an explanation in the textbox below if the difference in loss factor is greater than 1%

Guelph's December 2018 unbilled estimate for Non-RPP Class B consumption was higher than the actuals, which caused the 2018 calculated loss factor to be higher than Guelph's approved loss factor. When the December 2018 unbilled estimate reversed in 2019, this caused the 2019 loss factor to be lower than Guelph's approved loss factor.

Note 5 Reconciling Items

	Item	Amount (Quantify if it is a significant reconciling item)	Explanation	Principal Adjustments	
	Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$ 2,601,202		Principal Adjustment on DVA Continuity	If "no", please provide an explanation
	Remove impacts to GA from prior year RPP Settlement true up process that are booked in current year	-\$ 220,196.07	DR \$220k related to prior year but included in the GL in the current year, therefore, should record CR in current year	Yes	
1a	Add impacts to GA from current year RPP Settlement true up process that are booked in subsequent year	-\$ 188,031.29	DR \$188k relates to current year but recorded in the GL in the following year, therefore, should record the CR in current year	Yes	
1b			DR \$k related to prior year but included in the GL in the current year, therefore, should record CR in current year		
2a	Remove prior year end unbilled to actual revenue differences		DR \$1,414k relates to current year but recorded in the GL in the following year, therefore, should record the CR in current year	Yes	
2b	Add current unbilled to actual revenue differences	-\$ 1,414,014			
3a	Remove difference between prior year accrual to forecast from long term load transfers		No difference between prior year accrual to forecast from long term load transfers		
3b	Add difference between current year accrual to forecast from long term load transfers		No difference between current year accrual to forecast from long term load transfers		
4	Remove GA balances pertaining to Class A customers		Insignificant amount relating to Class A customers		
5	Significant prior period billing adjustments included in current year GL balance but would not be included in the billing consumption used in the GA Analysis		No significant prior period billing adjustments		
6	Differences in GA IESO posted rate and rate charged on IESO invoice		Not a reconciling item		
7					
8					
9					
10					
Note 6	Adjusted Net Change in Principal Balance in the GL	\$ 778,961			
	Net Change in Expected GA Balance in the Year Per Analy	\$ 798,580			
	Unresolved Difference	-\$ 19,619			
	Unresolved Difference as % of Expected GA Payments to	-0.1%			

GA Analysis Workform - Account 1588 and 1589 Principal Adjustment Reconciliation

Note 7 Breakdown of principal adjustments included in last approved balance:

Account 1589 - RSVA Global Adjustment			
Adjustment Description	Amount	To be reversed in current application?	Explanation if not to be reversed in current application
1 Prior year (2017) RPP GA True-up recorded in 2018	(145,888)	Yes	
2 RPP portion of 2017 IESO Invoice Adjustments returned to IESO in 2018	414,493	Yes	
3 Prior year (2016) RPP GA True-up recorded in 2017	(54,994)	No	Related to Prior Year
4			
5			
6			
7			
8			
Total	213,611		
Total principal adjustments included in last approved balance	213,611		
Difference	0		

Account 1588 - RSVA Power			
Adjustment Description	Amount	To be Reversed in Current Application?	Explanation if not to be reversed in current application
1			
2			
3			
4			
5			
6			
7			
8			
Total	-		
Total principal adjustments included in last approved balance			
Difference	-		

Note 8 Principal adjustment reconciliation in current application

Notes

- 1) The "Transaction" column in the DVA Continuity Schedule is to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule)
- 2) Any principal adjustments needed to adjust the transactions in the general ledger to the amount that should be requested for disposition should be shown separately in the "Principal Adjustments" column of the DVA Continuity Schedule
- 3) The "Variance RRR vs. 2019 Balance" column should equal principal adjustments made in the current disposition period. It should not be impacted by reversals from prior year approved principal adjustments.

Complete the table below for the current disposition period. Complete a table for each year included in the balance under review in this rate application. The number of tables to be completed is automatically generated based on data provided in the Information Sheet

Account 1589 - RSVA Global Adjustment			
Year	Adjustment Description	Amount	Year Recorded in GL
2018	<i>Reversals of prior approved principal adjustments (auto-populated from table above)</i>		
	1 Prior year (2017) RPP GA True-up recorded in 2018	145,888	2018
	2 RPP portion of 2017 IESO Invoice Adjustments returned to IESO in 2018	(414,492.76)	2018
	3		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	(268,605)	
2018	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	220,196	2019
	2 Unbilled to actual revenue differences		
	3 RPP portion of 2018 IESO Invoice Adjustments	223,075	
	4 Adjustment to RPP consumption allocations for RPP GA True-up for 2017	(113,562)	2018
	5 GA Impact of adopting OEB 1588 & 1589 accounting guidance for prior periods 2017 &	(23,739)	
	6		
	7		
	8		
	Total Current Year Principal Adjustments	305,969	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	37,364	

Account 1588 - RSVA Power			
Year	Adjustment Description	Amount	Year Recorded in GL
2018	<i>Reversals of prior approved principal adjustments (auto-populated from table above)</i>		
	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	-	
2018	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual RPP volumes		
	2 CT 1142 true-up based on actuals		
	3 Unbilled to actual revenue differences		
	4 Impact of adopting OEB 1588 & 1589 accounting guidance vs. IESO claims for years 2017 and 2018	1,736,852	
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	1,736,852	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	1,736,852	

Account 1589 - RSVA Global Adjustment			
Year	Adjustment Description	Amount	Year Recorded in GL
2019	<i>Reversals of prior year principal adjustments</i>		
	1 Reversal of prior year CT-148 true-up of GA Charges based on actual Non-RPP volumes	(220,196)	2019
	2 Reversal of Unbilled to actual revenue differences		
	3		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	(220,196)	
2019	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	(188,031)	2020
	2 Unbilled to actual revenue differences	(1,414,014)	2020
	3		
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	(1,602,045)	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	(1,822,241)	

Account 1588 - RSVA Power			
Year	Adjustment Description	Amount	Year Recorded in GL
2019	<i>Reversals of prior year principal adjustments</i>		
	1 Reversal of CT 148 true-up of GA Charges based on actual RPP volumes		
	2 Reversal of CT 1142 true-up based on actuals		
	3 Reversal of Unbilled to actual revenue differences		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	-	
2019	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual RPP volumes	54,586	2020
	2 CT 1142 true-up based on actuals		
	3 Unbilled to actual revenue differences		
	4		
	5		
	6		
	7		
	8		
	Total Current Year Principal Adjustments	54,586	
	Total Principal Adjustments to be Included on DVA Continuity Schedule	54,586	

	1st True-up				2nd True-up			
	GA True-up	Payment	RPP True-up	Payment	GA True-up	Payment	RPP True-up	Payment
Jan-19	\$ (105,937.02)	To IESO	\$ (1,862.57)	To IESO	\$ 4,236.58	From IESO	\$ (27,856.10)	To IESO
Feb-19	\$ 268,057.03	From IESO	\$ (1,589.97)	To IESO	\$ 5,028.79	From IESO	\$ (6,851.13)	To IESO
Mar-19	\$ 222,950.29	From IESO	\$ (1,534.14)	To IESO	\$ (427.85)	To IESO	\$ (18,328.85)	To IESO
Apr-19	\$ (61,919.37)	To IESO	\$ (767.32)	To IESO	\$ (35,056.14)	To IESO	\$ 30,631.82	From IESO
May-19	\$ (151,088.97)	To IESO	\$ (360.11)	To IESO	\$ 508,405.37	From IESO	\$ (334,176.39)	To IESO
Jun-19	\$ (702,776.74)	To IESO	\$ 145,652.72	From IESO	\$ 291,241.24	From IESO	\$ (192,758.98)	To IESO
Jul-19	\$ 433,478.35	From IESO	\$ (1,434.97)	To IESO	\$ 78,239.87	From IESO	\$ (147,953.72)	To IESO
Aug-19	\$ 787,132.14	From IESO	\$ (1,124.00)	To IESO	\$ (10,105.30)	To IESO	\$ (49,574.03)	To IESO
Sep-19	\$ (1,689,691.73)	To IESO	\$ (10,177.11)	To IESO	\$ (21,007.63)	To IESO	\$ (27,677.91)	To IESO
Oct-19	\$ 724,012.37	From IESO	\$ (1,575.08)	To IESO	\$ 64,596.10	From IESO	\$ (33,472.95)	To IESO
Nov-19	\$ (68,102.48)	To IESO	\$ (3,102.04)	To IESO	\$ (23,640.08)	To IESO	\$ 25,180.06	From IESO
Dec-19	\$ 128,005.69	From IESO	\$ (1,580.62)	To IESO	\$ 83,665.68	From IESO	\$ (78,185.04)	To IESO

2nd True-up filed in January 2020

1st True-up filed in January 2020; 2nd True-up filed in February 2020

GA true-up

Based on CIS Billed Revenue Query

2017	Kwh submitted	Actual UBR Billed (latter half of load month) kWh	kWh Actual (accrued for UBR)	Estimated GA Rate	Actual GA Rate	Settled Amount including initial true up	Actual Billed (load month) GA Amount	Actual True-Up [\$] based on Actual UBR minus estimated UBR	
January	46,009,323.42	26,251,504.24	50,996,363.80	\$0.08677	\$0.08227	\$3,785,187.04	\$4,195,470.85	\$410,283.81	Payment from IESO
February	41,951,279.31	22,367,555.52	38,067,330.59	\$0.08430	\$0.08639	\$3,624,171.02	\$3,288,636.69	-\$335,534.33	payment to IESO
March	50,191,187.59	19,720,330.32	47,543,962.39	\$0.06886	\$0.07135	\$3,581,141.23	\$3,392,261.72	-\$188,879.52	payment to IESO
April	35,981,326.34	23,978,743.39	40,239,739.41	\$0.10218	\$0.10778	\$3,878,067.35	\$4,337,039.11	\$458,971.76	Payment from IESO
May	42,862,231.72	17,285,944.31	36,169,432.64	\$0.12776	\$0.12307	\$5,275,054.86	\$4,451,372.08	-\$823,682.78	payment to IESO
June	34,873,658.48	23,428,339.59	41,016,053.76	\$0.12563	\$0.11848	\$4,131,831.06	\$4,859,582.05	\$727,750.99	Payment from IESO
July	42,291,201.66	24,789,047.84	43,651,909.91	\$0.10197	\$0.11280	\$4,770,447.55	\$4,923,935.44	\$153,487.89	Payment from IESO
August	46,053,694.59	20,170,905.13	41,435,551.88	\$0.10476	\$0.10109	\$4,655,567.99	\$4,188,719.94	-\$466,848.05	payment to IESO
September	40,314,060.14	25,962,448.68	46,105,603.69	\$0.09895	\$0.08864	\$3,573,438.29	\$4,086,800.71	\$513,362.42	Payment from IESO
October	41,825,474.41	23,337,393.08	39,200,418.81	\$0.11973	\$0.12563	\$5,254,534.35	\$4,924,748.62	-\$329,785.74	payment to IESO
November	39,696,378.06	21,264,463.86	37,623,448.84	\$0.09669	\$0.09704	\$3,852,136.53	\$3,650,979.48	-\$201,157.05	payment to IESO
December	41,999,774.21	25,847,467.62	46,582,777.97	\$0.09669	\$0.09207	\$4,060,958.17	\$4,288,876.37	\$227,918.20	Payment from IESO
Total	504,049,589.93	274,404,143.58	508,632,593.69			\$50,442,535.43	\$50,588,423.04	\$145,887.61	

2018	Kwh submitted	Actual UBR Billed (latter half of load month) kWh	kWh Actual (accrued for UBR)	Estimated GA Rate	Actual GA Rate	Settled-to-date Amount	Actual Billed (load month) GA Amount	Actual True-Up [\$] based on Actual UBR minus estimated UBR	
January	56,569,523.43	30,429,369.42	59,479,867.35	\$ 0.06370	\$ 0.06736	\$3,603,478.64	\$4,006,563.86	\$403,085.22	Payment from IESO
February	40,556,702.60	24,644,704.53	34,772,037.71	\$ 0.07705	\$ 0.08167	\$3,124,893.94	\$2,839,832.32	-\$285,061.62	Payment to IESO
March	53,934,499.25	26,988,020.20	56,277,814.92	\$ 0.08595	\$ 0.09481	\$4,635,670.21	\$5,335,699.63	\$700,029.42	Payment from IESO
April	35,163,117.45	22,934,217.22	31,109,314.47	\$ 0.10074	\$ 0.09959	\$3,542,332.45	\$3,098,176.63	-\$444,155.82	Payment to IESO
May	50,874,921.53	24,193,863.06	52,134,567.37	\$ 0.13199	\$ 0.10793	\$6,714,980.89	\$5,626,883.86	-\$1,088,097.04	Payment to IESO
June	38,291,731.07	23,110,535.50	37,208,403.51	\$ 0.10239	\$ 0.11896	\$3,920,690.34	\$4,426,311.68	\$505,621.34	Payment from IESO
July	47,240,242.68	27,404,310.54	51,534,017.72	\$ 0.08123	\$ 0.07737	\$3,837,324.91	\$3,987,186.95	\$149,862.04	Payment from IESO
August	53,137,660.06	30,050,554.59	55,783,904.11	\$ 0.07324	\$ 0.07490	\$3,891,802.22	\$4,178,214.42	\$286,412.20	Payment from IESO
September	40,416,553.20	25,348,339.88	35,714,338.49	\$ 0.08660	\$ 0.08584	\$3,500,073.51	\$3,065,718.82	-\$434,354.69	Payment to IESO
October	53,737,551.37	24,644,897.89	53,034,109.38	\$ 0.11998	\$ 0.12059	\$6,447,431.41	\$6,395,383.25	-\$52,048.16	Payment to IESO
November	39,457,654.88	30,021,089.24	44,833,846.23	\$ 0.10540	\$ 0.09855	\$4,158,836.82	\$4,418,375.55	\$259,538.72	Payment from IESO
December	36,698,003.36	25,376,730.28	32,053,644.40	\$ 0.07067	\$ 0.07404	\$2,593,447.90	\$2,373,251.83	-\$220,196.07	Payment to IESO

2018 Global Adjustment Analysis

Input cells					
Allocation Method for Class B RSVA-Global Adjustment.					
Total Metered excluding WMP			C = A+B	1,671,900,470	kWh
RPP			A	532,946,022	kWh
Non RPP			B = D+E	1,138,954,449	kWh
Non-RPP Class A			D	779,216,990	kWh
Non-RPP Class B*			E	359,737,459	kWh

Class B (Non RPP and Non Class A) RSVA GA Analysis - Allocation Method												
Billed Class B Non-RPP Spot kWh *	Actual Month Unbilled kWh	Previous Month Unbilled kWh	UBR true-up kWh	kWh True-up	UBR true-up \$	First Estimate GA Rate \$/kWh	Actual GA Rate \$/kWh	Retail - Final \$/kWh	Class B Non-RPP @ 1st Estimate GA	Class B Non-RPP @ Actual GA	Est. Variance Retail less Final	
A - Done	B- Done	C - Done	D=B-C - Done	E=A+B-C - Done	F - Done	G - Done	H - Done	I=G-H - Done	J=E x G	K=E x H	L=K-J	
Dec-17												
Jan-18	33,367,896	23,548,237	33,115,105	(9,566,868)	23,801,029	(\$711,860)	\$0.08777	\$0.06736	\$0.02041	\$2,089,016	\$1,603,237	(\$485,779)
Feb-18	33,760,540	21,111,720	23,548,237	(2,436,517)	31,324,023	(\$518,706)	\$0.07333	\$0.08167	(\$0.00834)	\$2,296,991	\$2,558,233	\$261,242
Mar-18	33,077,199	24,388,102	21,111,720	3,276,382	36,353,581	\$372,928	\$0.07877	\$0.09481	(\$0.01604)	\$2,863,572	\$3,446,683	\$583,111
Apr-18	31,382,198	22,181,728	24,388,102	(2,206,374)	29,175,824	\$254,977	\$0.09810	\$0.09959	(\$0.00149)	\$2,862,148	\$2,905,620	\$43,472
May-18	36,708,619	23,209,095	22,181,728	1,027,367	37,735,986	\$3,771	\$0.09392	\$0.10793	(\$0.01401)	\$3,544,164	\$4,072,845	\$528,681
Jun-18	31,525,927	22,196,010	23,209,095	(1,013,085)	30,512,842	\$780,262	\$0.13336	\$0.11896	\$0.01440	\$4,069,193	\$3,629,808	(\$439,385)
Jul-18	31,394,699	23,162,790	22,196,010	966,780	32,361,479	(\$990,759)	\$0.08502	\$0.07737	\$0.00765	\$2,751,373	\$2,503,808	(\$247,565)
Aug-18	33,669,953	21,464,531	23,162,790	(1,698,259)	31,971,694	(\$297,213)	\$0.07790	\$0.07490	\$0.00300	\$2,490,595	\$2,394,680	(\$95,915)
Sep-18	27,061,113	19,789,981	21,464,531	(1,674,550)	25,386,563	(\$4,979)	\$0.08424	\$0.08584	(\$0.00160)	\$2,138,564	\$2,179,183	\$40,619
Oct-18	31,394,962	21,082,926	19,789,981	1,292,945	32,687,907	\$213,700	\$0.08921	\$0.12059	(\$0.03138)	\$2,916,088	\$3,941,835	\$1,025,747
Nov-18	27,030,332	24,055,452	21,082,926	2,972,526	30,002,858	\$1,062,377	\$0.12235	\$0.09855	\$0.02380	\$3,670,850	\$2,956,782	(\$714,068)
Dec-18	28,815,169	26,920,932	24,055,452	2,865,481	31,680,650	(\$466,997)	\$0.09198	\$0.07404	\$0.01794	\$2,913,986	\$2,345,635	(\$568,351)
	379,188,607	273,111,502	279,305,674	(6,194,172)	372,994,435	(302,501)	\$0.09300	\$0.09180	\$0.00120	\$34,606,539	\$34,538,348	(\$68,191)

2018 IRM Rate Continuity Schedule Amount
Difference

Table 5

The Difference Between the Actual UBR and UBR calculated at 1st Estimate GA Rate			
	Posted	1st estimate	Difference
31-Dec-17	\$2,973,978.02	\$2,778,688.42	\$195,289.60
31-Dec-18	\$ 2,670,720.25	\$ 2,476,187.36	\$194,532.89

Total:

UT790U01 GUELPH HYDRO 4/01/19
Daily Consumption Maintenance 09:50:46

Service : N NON COMPETITIVE CHG
Rate group : / /

Select Date Range for Average Calculation

Type information, press Enter.

Date range from . . . : 12/14/17 To 1/15/18

Cumulative cost from 1/15/18 (A) . . . : 413,334,801.7344
Cumulative cost from 12/14/17 (B) . . . : 406,738,382.3844

Cumulative consumption from 1/15/18 (C) . : 9,863,458,978.00
Cumulative consumption from 12/14/17 (D) . : 9,786,555,939.00

Average ((A - B) / (C - D)) : .085800

F12=Cancel

UT790U01 GUELPH HYDRO 4/01/19
Daily Consumption Maintenance 09:47:19

Service : N NON COMPETITIVE CHG
Rate group : / /

Select Date Range for Average Calculation

Type information, press Enter.

Date range from . . . : 12/14/18 To 1/15/19

Cumulative cost from 1/15/19 (A) . . . : 485,357,180.6444
Cumulative cost from 12/14/18 (B) . . . : 479,678,652.1244

Cumulative consumption from 1/15/19 (C) . : 10,648,907,338.00
Cumulative consumption from 12/14/18 (D) . : 10,578,014,700.00

Average ((A - B) / (C - D)) : .080100

F12=Cancel

M=N+BxG-(CxH at previous month rate) Billed 1st estimate (query)+UBR true-up	N Query - Billed		Billed Average Rate	1st estimate	Monthly average GA rate billed to customers in 2018
\$2,282,325.56	\$2,994,185		\$0.08973	\$0.08777	
\$2,409,117.37	\$2,927,824		\$0.08672	\$0.07333	\$0.08055
\$2,910,144.81	\$2,537,216		\$0.07671	\$0.07877	\$0.07605
\$2,707,679.60	\$2,452,703		\$0.07816	\$0.09810	\$0.08844
\$3,448,242.52	\$3,444,472		\$0.09383	\$0.09392	\$0.09601
\$3,163,622.77	\$2,383,361		\$0.07560	\$0.13336	\$0.11364
\$2,889,898.29	\$3,880,658		\$0.12361	\$0.08502	\$0.10919
\$2,847,818.40	\$3,145,032		\$0.09341	\$0.07790	\$0.08146
\$2,139,670.68	\$2,144,650		\$0.07925	\$0.08424	\$0.08107
\$2,815,913.72	\$2,602,214		\$0.08289	\$0.08921	\$0.08673
\$3,467,991.79	\$2,405,615		\$0.08900	\$0.12235	\$0.10578
\$2,836,203.25	\$3,303,200		\$0.11463	\$0.09198	\$0.10717
\$33,918,628.77	\$34,221,130				
\$687,910					

31-Dec-18				
GA	Queried \$	Queried kWh	1st Estimate	UBR at 1st Estimate \$
L2	117.89	1,095.96	\$0.09198	100.81
L3	1,282,920.28	12,622,705.80	\$0.09198	1,161,036.48
L4	1,360,240.83	12,752,928.52	\$0.09198	1,173,014.37
L5	2,243,708.77	22,671,907.45	\$0.09198	2,085,362.05
L6	71,063.96	772,602.31	\$0.09198	71,063.96
L7	-	-	\$0.09198	-
L9	355,947.52	3,476,422.62	\$0.09198	319,761.35
Non-RPP Class B GA	\$ 2,670,720.25	-		\$ 2,476,187.36
Posted ^		0 @ 1st Estimate GA rate		

Difference \$ 194,532.89

2018 GA Rates**Source:** <http://www.ieso.ca/sector-participants/settlements/global-adjustment-for-class-b>

Month	1st Estimate GA	Actual GA
	\$/kWh	\$/kWh
Jan-17	0.06687	0.08227
Feb-17	0.10559	0.08639
Mar-17	0.08409	0.07135
Apr-17	0.06874	0.10778
May-17	0.10623	0.12307
Jun-17	0.11954	0.11848
Jul-17	0.10652	0.11280
Aug-17	0.11500	0.10109
Sep-17	0.12739	0.08864
Oct-17	0.10212	0.12563
Nov-17	0.11164	0.09704
Dec-17	0.08391	0.09207
Jan-18	0.08777	0.06736
Feb-18	0.07333	0.08167
Mar-18	0.07877	0.09481
Apr-18	0.09810	0.09959
May-18	0.09392	0.10793
Jun-18	0.13336	0.11896
Jul-18	0.08502	0.07737
Aug-18	0.07790	0.07490
Sep-18	0.08424	0.08584
Oct-18	0.08921	0.12059
Nov-18	0.12235	0.09855
Dec-18	0.09198	0.07404

1. Expected CT148 Calculated vs. per IESO Invoices

Month	AQEW	EG	Class A	Loads pertaining to Class B (CT148)	IESO Actual GA Rate on website	Expected GA Charges Class B CT148 \$ (Calculated)	CT 148 \$ per IESO Invoice	Difference	RPP (Including Loss Factor) Billed Consumption adjusted for Unbilled	Estimated RPP Proportion	Adjustments pertaining to RPP	Adjustments pertaining to non-RPP Class B
	kWh	kWh	kWh	kWh	\$/kWh	\$	\$	\$	kWh	%	\$	\$
	A	B	C	D=A+B-C	E	F=D X E	G	H = G - F	I	J = I / D	K = H x J	L = H - K
Remove	December 2017 true-up	that was billed in Jan	2018 STPP	1,298.00	0.09207			\$ 119.51		55.86%	\$ 66.76	\$ 52.75
Jan-18	153,174,399.00	312,678.00	66,331,214.00	87,155,863.00	0.06736	\$5,870,818.93	\$5,874,062.25	\$ 3,243.32	59,479,867	68.25%	\$ 2,213.42	\$ 1,029.90
Feb-18	135,367,812.00	498,015.00	60,968,600.00	74,897,227.00	0.08167	\$6,116,856.53	\$6,116,846.23	\$ (10.30)	34,772,038	46.43%	\$ (4.78)	\$ (5.52)
Mar-18	144,464,660.00	653,373.00	66,794,577.00	78,323,456.00	0.09481	\$7,425,846.86	\$7,425,580.09	\$ (266.77)	56,277,815	71.85%	\$ (191.68)	\$ (75.09)
Apr-18	134,188,611.00	1,499,462.00	62,639,604.00	73,048,469.00	0.09959	\$7,274,897.03	\$7,275,137.71	\$ 240.68	31,109,314	42.59%	\$ 102.50	\$ 138.18
May-18	137,785,234.00	1,508,625.00	67,783,509.00	71,510,350.00	0.10793	\$7,718,112.08	\$7,718,103.18	\$ (8.90)	52,134,567	72.90%	\$ (6.49)	\$ (2.41)
Jun-18	137,868,336.00	2,049,470.00	65,117,341.00	74,800,465.00	0.11896	\$8,898,263.32	\$8,551,014.12	\$ (347,249.20)	37,208,404	49.74%	\$ (172,734.06)	\$ (174,515.13)
Jul-18	149,344,885.00	2,018,554.00	67,353,899.00	84,009,540.00	0.07737	\$6,499,818.11	\$6,502,480.29	\$ 2,662.18	51,534,018	61.34%	\$ 1,633.06	\$ 1,029.12
Aug-18	154,043,197.00	2,093,400.00	72,821,424.00	83,315,173.00	0.07490	\$6,240,306.46	\$6,240,218.42	\$ (88.04)	55,783,904	66.96%	\$ (58.95)	\$ (29.09)
Sep-18	142,504,368.00	1,699,198.00	69,615,152.00	74,588,414.00	0.08584	\$6,402,669.46	\$6,403,046.90	\$ 377.44	35,714,338	47.88%	\$ 180.73	\$ 196.72
Oct-18	140,456,587.00	1,303,877.00	70,952,016.00	70,808,448.00	0.12059	\$8,538,790.74	\$8,538,470.32	\$ (320.42)	53,034,109	74.90%	\$ (239.99)	\$ (80.43)
Nov-18	141,345,545.00	783,671.00	67,335,327.00	74,793,889.00	0.09855	\$7,370,937.76	\$7,110,057.31	\$ (260,880.45)	44,833,846	59.94%	\$ (156,380.08)	\$ (104,500.38)
Dec-18	136,642,286.00	251,938.00	59,374,290.00	77,519,934.00	0.07404	\$5,739,575.91	\$5,987,091.02	\$ 247,515.11	32,053,644	41.35%	\$ 102,344.79	\$ 145,170.32
December true-up				-	0.07404			\$ -			\$ -	\$ -
Total	1,707,185,920.00	14,672,261.00	797,086,953.00	924,771,228.00		\$84,096,893.19	\$83,742,107.84	\$ (354,665.84)	543,935,865.66		\$ (223,074.78)	\$ (131,591.06)

Table 4 - Alectra's Proposal

Alectra's proposal to allocate the IESO adjustments between RPP and non-RPP	\$ (354,665.84)
Estimated RPP Proportion	\$ (223,074.78)
Estimated non-RPP Proportion	\$ (131,591.06)

Payment to IESO; included in Continuity Schedule cell BF29

Total Difference \$ represent the IESO Invoice adjustments in addition to the expected GA charges based on the actual GA rates

2. STPP, STPF and IESO Monthly Invoice \$ Reconciliation for CT148

Note: the STPP, STPF and IESO Invoices include the entire month data as at month end
IESO Monthly invoice = Current month STPP + Last Month STPF - Last Month STPP

	Current Month STPP CT148 \$	Last Month STPF CT148 \$	Last Month STPP CT148 \$	Net for the month	IESO Invoice CT148 \$	Difference
	A	B	C	D=A+B-C	E	F = D-E
Jan-18	\$ 5,874,552.89	\$ 7,684,388.10	\$ 7,684,878.74	\$ 5,874,062.25	\$5,874,062.25	\$ -
Feb-18	\$ 6,116,518.48	\$ 5,874,880.64	\$ 5,874,552.89	\$ 6,116,846.23	\$6,116,846.23	\$ -
Mar-18	\$ 7,425,415.02	\$ 6,116,683.55	\$ 6,116,518.48	\$ 7,425,580.09	\$7,425,580.09	\$ -
Apr-18	\$ 7,278,167.95	\$ 7,422,384.78	\$ 7,425,415.02	\$ 7,275,137.71	\$7,275,137.71	\$ -
May-18	\$ 7,717,902.48	\$ 7,278,493.88	\$ 7,278,167.95	\$ 7,718,228.41	\$7,718,103.18	\$ 125.23
Jun-18	\$ 8,551,026.97	\$ 7,717,889.63	\$ 7,717,902.48	\$ 8,551,014.12	\$8,551,014.12	\$ -
Jul-18	\$ 6,453,046.63	\$ 8,600,460.63	\$ 8,551,026.97	\$ 6,502,480.29	\$6,502,480.29	\$ -
Aug-18	\$ 6,242,151.28	\$ 6,451,113.77	\$ 6,453,046.63	\$ 6,240,218.42	\$6,240,218.42	\$ -
Sep-18	\$ 5,289,041.62	\$ 6,242,515.28	\$ 6,242,151.28	\$ 5,289,405.62	\$6,403,046.90	\$ (1,113,641.28)
Oct-18	\$ 8,529,319.51	\$ 6,411,810.37	\$ 5,289,041.62	\$ 9,652,088.26	\$8,538,470.32	\$ 1,113,617.94
Nov-18	\$ 7,109,802.39	\$ 8,529,574.43	\$ 8,529,319.51	\$ 7,110,057.31	\$7,110,057.31	\$ -
Dec-18	\$ 6,144,678.28	\$ 6,952,215.13	\$ 7,109,802.39	\$ 5,987,091.02	\$5,987,091.02	\$ -
Total	\$ 82,731,623.50	\$ 85,282,410.19	\$ 84,271,823.96	\$ 83,742,209.73	\$ 83,742,107.84	\$ 101.89

3. STPP, STPF and Loads pertaining to Class B kWh Reconciliation

	Current Month STPP CT148 kWh	Last Month STPF CT148 kWh	Last Month STPP CT148 kWh	Net for the month	Loads pertaining to Class B (Calculated in Table 1)	Difference (kWh)
	A	B	C	D=A+B-C	E	F=D-E
Jan-18	87,155,863.00	83,390,473.00	83,391,771.00	87,154,565.00	87,155,863.00	(1,298.00)
Feb-18	74,897,227.00	87,155,863.00	87,155,863.00	74,897,227.00	74,897,227.00	-
Mar-18	78,323,456.00	74,897,227.00	74,897,227.00	78,323,456.00	78,323,456.00	-
Apr-18	95,635,542.00	78,323,456.00	78,323,456.00	95,635,542.00	73,048,469.00	22,587,073.00
May-18	73,048,469.00	73,048,469.00	95,635,542.00	50,461,396.00	71,510,350.00	(21,048,954.00)
Jun-18	74,800,465.00	71,510,350.00	73,048,469.00	73,262,346.00	74,800,465.00	(1,538,119.00)
Jul-18	84,009,540.00	74,800,465.00	74,800,465.00	84,009,540.00	84,009,540.00	-
Aug-18	83,315,173.00	84,009,540.00	84,009,540.00	83,315,173.00	83,315,173.00	-
Sep-18	74,588,414.00	83,315,173.00	83,315,173.00	74,588,414.00	74,588,414.00	-
Oct-18	70,808,448.00	74,588,414.00	74,588,414.00	70,808,448.00	70,808,448.00	-
Nov-18	72,145,545.00	70,808,448.00	70,808,448.00	72,145,545.00	74,793,889.00	(2,648,344.00)
Dec-18	77,519,934.00	74,793,889.00	72,145,545.00	80,168,278.00	77,519,934.00	2,648,344.00
Total	946,248,076.00	930,641,767.00	952,119,913.00	924,769,930.00	924,771,228.00	(1,298.00)

Jan-19	84,454,659.00	77,519,934.00	77,519,934.00	84,454,659.00	84,454,659	-
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Global Adjustment Adjustments in 2018
- charge, + credit

Legend:	Applies to 2018
	Applies to various other years

IESO Charge Type	Value	Statement	Description	Applicable to
148	\$ (6,698.96)	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 10/2016, Total Adjusted Amount - \$-551217.59, Total Distribution (MWh) - 8384313.564	Class B
148	\$ 9.71	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 10/2015, Total Adjusted Amount - \$815.29, Total Distribution (MWh) - 8628399.29	Class B
148	\$ 17,149.75	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 12/2015, Total Adjusted Amount - \$1520573.83, Total Distribution (MWh) - 9283635.217	Class B
148	\$ 2,536.69	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 01/2016, Total Adjusted Amount - \$228327.97, Total Distribution (MWh) - 10238681.478	Class B
148	\$ (3,741.18)	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 02/2016, Total Adjusted Amount - \$-333610.22, Total Distribution (MWh) - 9476993.419	Class B
148	\$ (4,725.51)	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 03/2016, Total Adjusted Amount - \$-409704.41, Total Distribution (MWh) - 9274395.494	Class B
148	\$ (4,970.85)	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 04/2016, Total Adjusted Amount - \$-426214.56, Total Distribution (MWh) - 8601557.64	Class B
148	\$ (511.75)	Jan 2018 ST-P-P	Adjustment of Global Adjustment, Total Adjusted Amount - \$-57213.28, Total Distribution (MWh) - 9743882.265	Class A
148	\$ (4,217.16)	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 06/2016, Total Adjusted Amount - \$-370511.89, Total Distribution (MWh) - 9202274.086	Class B
148	\$ (6,268.65)	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 11/2016, Total Adjusted Amount - \$-518482.14, Total Distribution (MWh) - 8578212.921	Class B
148	\$ (4,440.43)	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 12/2016, Total Adjusted Amount - \$-398278.58, Total Distribution (MWh) - 9825550.081	Class B
148	\$ (4,667.64)	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 05/2016, Total Adjusted Amount - \$-401311.77, Total Distribution (MWh) - 8652317.796	Class B
148	\$ (5,982.58)	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 09/2016, Total Adjusted Amount - \$-503428.28, Total Distribution (MWh) - 8992096.573	Class A
148	\$ (4,077.76)	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 08/2016, Total Adjusted Amount - \$-366044.01, Total Distribution (MWh) - 10956699.077	Class B
148	\$ (4,239.96)	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 07/2016, Total Adjusted Amount - \$-393133.45, Total Distribution (MWh) - 10495041.213	Class B
148	\$ 19,352.17	Jan 2018 ST-P-P	Adjustment of Global Adjustment for 11/2015, Total Adjusted Amount - \$1636248.71, Total Distribution (MWh) - 8680759.324	Class B
148	\$ (327.72)	Jan 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class B
148	\$ (4,440.43)	Jan 2018 ST-P-F	Adjustment of Global Adjustment for 12/2016, Total Adjusted Amount - \$-398278.58, Total Distribution (MWh) - 9825550.081	Class B
148	\$ 9.71	Jan 2018 ST-P-F	Adjustment of Global Adjustment for 10/2015, Total Adjusted Amount - \$815.29, Total Distribution (MWh) - 8628399.29	Class B
148	\$ 17,149.75	Jan 2018 ST-P-F	Adjustment of Global Adjustment for 12/2015, Total Adjusted Amount - \$1520573.83, Total Distribution (MWh) - 9283635.217	Class B
148	\$ 2,536.69	Jan 2018 ST-P-F	Adjustment of Global Adjustment for 01/2016, Total Adjusted Amount - \$228327.97, Total Distribution (MWh) - 10238681.478	Class B
148	\$ (3,741.18)	Jan 2018 ST-P-F	Adjustment of Global Adjustment for 02/2016, Total Adjusted Amount - \$-333610.22, Total Distribution (MWh) - 9476993.419	Class B
148	\$ (4,725.51)	Jan 2018 ST-P-F	Adjustment of Global Adjustment for 03/2016, Total Adjusted Amount - \$-409704.41, Total Distribution (MWh) - 9274395.494	Class B
148	\$ -4970.85	Jan 2018 ST-P-F	Adjustment of Global Adjustment for 04/2016, Total Adjusted Amount - \$-426214.56, Total Distribution (MWh) - 8601557.64	Class B
148	\$ 19352.17	Jan 2018 ST-P-F	Adjustment of Global Adjustment for 11/2015, Total Adjusted Amount - \$1636248.71, Total Distribution (MWh) - 8680759.324	Class B
148	\$ -511.75	Jan 2018 ST-P-F	Adjustment of Global Adjustment, Total Adjusted Amount - \$-57213.28, Total Distribution (MWh) - 9743882.265	Class B
148	\$ -4217.16	Jan 2018 ST-P-F	Adjustment of Global Adjustment for 06/2016, Total Adjusted Amount - \$-370511.89, Total Distribution (MWh) - 9202274.086	Class B
148	\$ -6268.65	Jan 2018 ST-P-F	Adjustment of Global Adjustment for 11/2016, Total Adjusted Amount - \$-518482.14, Total Distribution (MWh) - 8578212.921	Class B
148	\$ (4,667.64)	Jan 2018 ST-P-F	Adjustment of Global Adjustment for 05/2016, Total Adjusted Amount - \$-401311.77, Total Distribution (MWh) - 8652317.796	Class B
148	\$ (6,698.96)	Jan 2018 ST-P-F	Adjustment of Global Adjustment for 10/2016, Total Adjusted Amount - \$-551217.59, Total Distribution (MWh) - 8384313.564	Class B
148	\$ (5,982.58)	Jan 2018 ST-P-F	Adjustment of Global Adjustment for 09/2016, Total Adjusted Amount - \$-503428.28, Total Distribution (MWh) - 8992096.573	Class B
148	\$ -4077.76	Jan 2018 ST-P-F	Adjustment of Global Adjustment for 08/2016, Total Adjusted Amount - \$-366044.01, Total Distribution (MWh) - 10956699.077	Class B
148	\$ -4239.96	Jan 2018 ST-P-F	Adjustment of Global Adjustment for 07/2016, Total Adjusted Amount - \$-393133.45, Total Distribution (MWh) - 10495041.213	Class B
148	\$ -0.03	Jan 2018 ST-P-F	Adjustment of Global Adjustment, Total Adjusted Amount - \$-57213.28, Total Distribution (MWh) - 9743337.279	Class B
148	\$ -46267.81	Feb 2018 ST-P-P	Adjustment of Global Adjustment, Total Adjusted Amount - \$-5053280.44, Total Distribution (MWh) - 8180130.014	Class B
147	\$ -91.44	Feb 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class A
148	\$ -165.03	Feb 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class B
148	\$ -0.04	Feb 2018 ST-P-F	Adjustment of Global Adjustment, Total Adjusted Amount - \$-5053280.44, Total Distribution (MWh) - 8180122.027	Class B
148	\$ -41035.43	Mar 2018 ST-P-P	Adjustment of Global Adjustment, Total Adjusted Amount - \$-4454479.65, Total Distribution (MWh) - 8502169.957	Class B
147	\$ -11832.61	Mar 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class A
148	\$ -20719.92	Mar 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class B
148	\$ 23750.16	Mar 2018 ST-P-F	Adjustment of Global Adjustment, Total Adjusted Amount - \$-1876349.71, Total Distribution (MWh) - 8502162.578	Class B
148	\$ -401.33	April 2018 ST-P-P	Adjustment of Global Adjustment, Total Adjusted Amount - \$-43057.48, Total Distribution (MWh) - 7837148.776	Class B
147	\$ -70.7	April 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class A
148	\$ -318.68	April 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class B
148	\$ -7.25	April 2018 ST-P-F	Adjustment of Global Adjustment, Total Adjusted Amount - \$-43834.35, Total Distribution (MWh) - 7836940.453	Class B
147	\$ -70.7	May 2018 ST-P-P	Issue 837 - Adjustment to Global Adjustment CT 147 for trade date April 30, 2018	Class A
148	\$ -125.23	May 2018 ST-P-P	Issue 837 - Adjustment to Global Adjustment CT 148 for trade date April 30, 2018	Class B
148	\$ -4440.3	May 2018 ST-P-P	Adjustment of Global Adjustment, Total Adjusted Amount - \$-479973.99, Total Distribution (MWh) - 7729903.495	Class B

148	12.84	May 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class B
148	0.01	May 2018 ST-P-F	Adjustment of Global Adjustment, Total Adjusted Amount - \$-479973.99, Total Distribution (MWh) - 7729916.364	Class B
148	-48634.53	June 2018 ST-P-P	Adjustment of Global Adjustment for 05/2018, Total Adjusted Amount - \$-5257153.2, Total Distribution (MWh) - 7729916.364	Class B
148	51598.58	June 2018 ST-P-P	Issue-835 Adjustment of Class B Global Adjustment due to under-reported Class A load for September 2017	Class B
148	-2677.33	June 2018 ST-P-P	Adjustment of Global Adjustment, Total Adjusted Amount - \$-290095.16, Total Distribution (MWh) - 8104808.542	Class B
148	296195.46	June 2018 ST-P-P	Issue-835 Adjustment of Class B Global Adjustment due to under-reported Class A load for October 2017	Class B
147	-419.75	June 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class A
148	-799.11	June 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class B
148	-0.02	June 2018 ST-P-F	Adjustment of Global Adjustment, Total Adjusted Amount - \$-290095.16, Total Distribution (MWh) - 8104751.095	Class B
148	-48634.53	June 2018 ST-P-F	Adjustment of Global Adjustment for 05/2018, Total Adjusted Amount - \$-10514306.4, Total Distribution (MWh) - 7729916.364	Class B
148	-3847.25	July 2018 ST-P-P	Adjustment of Global Adjustment, Total Adjusted Amount - \$-438880.88, Total Distribution (MWh) - 9583527.878	Class B
147	28.65	July 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class A
148	1931.73	July 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class B
148	1.13	July 2018 ST-P-F	Adjustment of Global Adjustment, Total Adjusted Amount - \$-438880.88, Total Distribution (MWh) - 9586334.709	Class B
148	21868.95	August 2018 ST-P-P	Adjustment of Global Adjustment, Total Adjusted Amount - \$2468997.76, Total Distribution (MWh) - 9406257.651	Class B
147	-4094535.67	September 2018 ST-P-P	Issue 860: Reversal of CT 147 for trade date 08/31/2018 that appeared on the September 26, 2018 preliminary settlement statement (PSS)	Class A
147	4822435.29	September 2018 ST-P-P	Issue 860: Reversal of CT 147 for trade date 08/31/2018 that appeared on the September 26, 2018 preliminary settlement statement (PSS)	Class A
148	3338.99	September 2018 ST-P-P	Adjustment of Global Adjustment, Total Adjusted Amount - \$356320.35, Total Distribution (MWh) - 7959696.53	Class B
148	7378026.87	September 2018 ST-P-P	Issue 860: Reversal of CT 148 for trade date 08/31/2018 that appeared on the September 26, 2018 preliminary settlement statement (PSS)	Class B
148	-6264385.59	September 2018 ST-P-P	Issue 860: Reversal of CT 148 for trade date 08/31/2018 that appeared on the September 26, 2018 preliminary settlement statement (PSS)	Class B
148	-9155.58	September 2018 ST-P-F	Slight change in total provincewide kWh for current month	Class B
147	-727884.36	September 2018 ST-P-F	Issue 860: Reversal of CT 147 for trade date 08/31/2018 that appeared on the September 26, 2018 final settlement statement (FSS)	Class A
148	4.77	September 2018 ST-P-F	Adjustment of Global Adjustment, Total Adjusted Amount - \$356320.35, Total Distribution (MWh) - 7948337.146	Class B
148	-1113617.94	September 2018 ST-P-F	Issue 860: Reversal of CT 148 for trade date 08/31/2018 that appeared on the September 26, 2018 final settlement statement (FSS)	Class B
148	-45.25	October 2018 ST-P-P	Adjustment of Global Adjustment, Total Adjusted Amount - \$-4860.35, Total Distribution (MWh) - 7605074.466	Class B
148	-254.92	October 2018 ST-P-F		Class B
148	45.11	November 2018 ST-P-P	Adjustment of Global Adjustment, Total Adjusted Amount - \$4794.48, Total Distribution (MWh) - 7668202.27	Class B
147	-72.06	November 2018 ST-P-F		Class A
148	157588.3	November 2018 ST-P-F		Class B
148	-1	November 2018 ST-P-F	Adjustment of Global Adjustment, Total Adjusted Amount - \$4794.48, Total Distribution (MWh) - 8129996.362	Class B
148	-5376.93	December 2018 ST-P-P	Adjustment of Global Adjustment, Total Adjusted Amount - \$-603108.97, Total Distribution (MWh) - 8695097.125	Class B
147	-220.49	December 2018 ST-P-F		Class A
148	-6999.97	December 2018 ST-P-F		Class B
148	-5.84	December 2018 ST-P-F	Adjustment of Global Adjustment, Total Adjusted Amount - \$-603108.97, Total Distribution (MWh) - 8685675.198	Class B
	\$ 475,417.62			

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Reference: GRZ GA Analysis Workform, Principal Adjustments tab

Under Note 8 of the GA Analysis Workform, Alectra Utilities included a 2019 current year principal adjustment of \$(1,414,014) related to Unbilled to actual revenue differences for Account 1589:

Year	Adjustment Description	Amount	Year Recorded in GL
2019	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	(188,031)	2020
	2 Unbilled to actual revenue differences	(1,414,014)	2020

However, there was no corresponding principal adjustment for Account 1588:

Year	Adjustment Description	Amount	Year Recorded in GL
2019	<i>Current year principal adjustments</i>		
	1 CT 148 true-up of GA Charges based on actual RPP volumes	54,586	2020
	2 CT 1142 true-up based on actuals		
	3 Unbilled to actual revenue differences		

- a) Please explain why there were unbilled to actual revenue differences for Account 1589 but none for Account 1588.
- b) Please provide supporting calculation of the \$(1,414,014) adjustment for Account 1589.

Response:

- 1 a) When preparing the GA Analysis Workform for the Guelph RZ, the December 2019 unbilled
- 2 to actual revenue differences were calculated based on the actual billing statistics report
- 3 compared to the unbilled revenue accrual. The December 2019 unbilled to actual revenue
- 4 differences for Account 1588 were calculated as \$2,632, which is immaterial. Therefore,
- 5 Alectra Utilities did not include the difference as part of Principal Adjustment for Account 1588.
- 6
- 7 b) Table 1 below presents the supporting calculation for the unbilled to actual revenue
- 8 adjustment for Account 1589.

1 **Table 1 – Unbilled to Actual Revenue Difference Calculation**

Description	Amount
December 2019 Unbilled Revenue Non-RPP Class B accrual (A)	\$1,893,439
December 2019 Non-RPP Class B Actual Revenue (B)	\$3,307,453
Difference (C = A – B)	\$(1,414,014)

2

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Reference: GRZ GA Analysis Workform, Principal Adjustments tab and 2019 True-ups tab

Under Note 8 of the Principal Adjustments tab, Alectra Utilities included a 2019 current year principal adjustment of \$(188,031) related to CT-148 true-up of GA charges for Account 1589:

Year	Adjustment Description	Amount	Year Recorded in GL
2019	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes	(188,031)	2020

Alectra Utilities also included a 2019 current year principal adjustment of \$54,586 related to CT-148 true-up of GA charges for Account 1588:

Year	Adjustment Description	Amount	Year Recorded in GL
2019	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual RPP volumes	54,586	2020

On the 2019 True-ups tab, Alectra Utilities provided supporting calculation of the above amounts as follows:

	1st True-up				2nd True-up				
	GA True-up	Payment	RPP True-up	Payment	GA True-up	Payment	RPP True-up	Payment	
Jan-19	\$ (105,937.02)	To IESO	\$ (1,862.57)	To IESO	\$ 4,236.58	From IESO	\$ (27,856.10)	To IESO	
Feb-19	\$ 268,057.03	From IESO	\$ (1,589.97)	To IESO	\$ 5,028.79	From IESO	\$ (6,851.13)	To IESO	
Mar-19	\$ 222,950.29	From IESO	\$ (1,534.14)	To IESO	\$ (427.85)	To IESO	\$ (18,328.85)	To IESO	
Apr-19	\$ (61,919.37)	To IESO	\$ (767.32)	To IESO	\$ (35,056.14)	To IESO	\$ 30,631.82	From IESO	
May-19	\$ (151,088.97)	To IESO	\$ (360.11)	To IESO	\$ 508,405.37	From IESO	\$ (334,176.39)	To IESO	
Jun-19	\$ (702,776.74)	To IESO	\$ 145,652.72	From IESO	\$ 291,241.24	From IESO	\$ (192,758.98)	To IESO	
Jul-19	\$ 433,478.35	From IESO	\$ (1,434.97)	To IESO	\$ 78,239.87	From IESO	\$ (147,953.72)	To IESO	
Aug-19	\$ 787,132.14	From IESO	\$ (1,124.00)	To IESO	\$ (10,105.30)	To IESO	\$ (49,574.03)	To IESO	
Sep-19	\$ (1,689,691.73)	To IESO	\$ (10,177.11)	To IESO	\$ (21,007.63)	To IESO	\$ (27,677.91)	To IESO	
Oct-19	\$ 724,012.37	From IESO	\$ (1,575.08)	To IESO	\$ 64,596.10	From IESO	\$ (33,472.95)	To IESO	
Nov-19	\$ (68,102.48)	To IESO	\$ (3,102.04)	To IESO	\$ (23,640.08)	To IESO	\$ 25,180.06	From IESO	2nd True-up filed in January 2020
Dec-19	\$ 128,005.69	From IESO	\$ (1,580.62)	To IESO	\$ 83,665.68	From IESO	\$ (78,185.04)	To IESO	1st True-up filed in January 2020; 2nd True-up filed in February 2020

OEB staff calculated the adjustments to Accounts 1588 and 1589 as follows, which agree to the 2019 Principal Adjustments in Note 8 of the GA Analysis Workform:

2019 Principal Adjustments	1588 RPP True-up	1589 GA True-up
Nov 2019 2nd true-up	\$ (25,180.06)	\$ 23,640.08
Dec 2019 1st true-up	\$ 1,580.62	\$ (128,005.69)
Dec 2019 2nd true-up	\$ 78,185.04	\$ (83,665.68)
Total 2019 principal adjustments	\$ 54,585.60	\$ (188,031.29)

- a) Please confirm whether the “GA True-up” represents the CT-148 true-up of GA charges to actual volumes for only non-RPP customers.
- b) If yes to a):
 - i. Please confirm whether the “RPP True-up” amounts include both:
 - the true-up of CT-148 GA charges to actual RPP volumes; and

- the true-up of CT-1142 based on actual RPP volumes and the RPP portion of actual GA charges.
 - ii. If yes to i), please provide a breakdown of the “RPP True-up” amounts between CT-148 true-up of GA charges and CT-1142 true-up based on actuals.
 - iii. If no to i), please explain what the “RPP True-up” amounts represent and how they were calculated.
- c) If no to a):
- i. Please explain what the “GA True-up” amounts represent and how they were calculated.
 - ii. Please explain how the CT-148 true-up of GA charges has been allocated between RPP and non-RPP customers and reflected in the GL and principal adjustments for Accounts 1588 and 1589.
 - iii. Please explain what the “RPP True-up” amounts represent and how they were calculated.

Response:

- 1 a) Alectra Utilities confirms that the GA True-up amount of (\$188,031.29) represents the CT-
2 148 true-up of GA charges to actual volumes for only non-RPP customers.
3
- 4 b) i) Alectra Utilities confirms that RPP True-up amount of \$54,585.60 includes the
5 following:
6 • The true-up of CT-148 GA charges to actual RPP volumes; and
7 • The true-up of CT-1142 based on actual RPP volumes and the RPP portion
8 of actual GA charges.
- 9 ii) The breakdown of the “RPP True-up” amounts are provided below:
10 • CT-148 true-up of GA charges based on actual RPP volumes is
11 (\$133,445.69).
12 • CT-1142 true-up based on actuals is \$188,031.29.
- 13 iii) Please see response to part b) ii).
14
- 15 c) Please see responses to part a) and b).

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Reference: LRAMVA workform (Attachment 39), Tab 5 (Allocation of 2015 Savings)

The LRAMVA balance consists of a debit balance of \$300k to be collected from Large Users. The majority of this balance is driven by the following rate class allocations to the Large Use class.

	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use
Efficiency: Equipment Replacement Incentive Initiative	9%	11%	10%	76%
Process and Systems Upgrades Initiatives - Project Incentive Initiative	0%	0%	0%	100%
Save on Energy Retrofit Program	9%	11%	10%	76%

- a) Please discuss the rationale for using the same rate class allocations for the Equipment Replacement Initiative and Retrofit program.
- b) Please confirm the derivation of the 76% allocation to Large Users for both the Equipment Replacement Initiative and Retrofit programs.

Response:

- 1 a) Alectra Utilities used the same rate class allocations for the 2015 Equipment Replacement
- 2 Incentive Initiative ("ERII") and the 2015 Adjustment of the Save on Energy Retrofit Program
- 3 ("Retrofit") in the Guelph Hydro RZ because the programs are similar, with similar rules and
- 4 eligibility, but under different Framework periods. The ERII program was active during the
- 5 2011-2014 CDM Framework, and the Retrofit program is active during the 2015-2020
- 6 Conservation First Framework ("CFF"). In the 2015 Framework transition year, Alectra
- 7 Utilities' predecessor, Guelph Hydro aggregated the tracking of all 2015 in-service project
- 8 savings for these programs. The rate class allocations were derived using the aggregated
- 9 2015 program tracking. The CDM savings reported for the 2015 Retrofit program represent
- 10 an IESO true-up adjustment for projects recognized by the IESO after 2015, but were in-
- 11 service in 2015. To allocate the adjustment, Alectra Utilities relied on the aggregated
- 12 program tracking and aggregated rate class allocations in order to allocate the adjustment
- 13 savings amongst rate classes. Table 1 below, provides the rate class allocations for the
- 14 programs.

1 **Table 1 – Derivation of 2015 CDM Rate Class Allocations**

GRZ 2015 CDM Savings	GS<50 kW	General Service 50 to 999 kW	General Service 1,000 to 4,999 kW	Large Use	Total
Aggregate 2015 ERII & Retrofit Program kWh	1,537,671	4,996,709	8,233,171	3,277,390	18,044,940
kWh % Allocation	9%	27%	46%	18%	100%
Aggregate 2015 ERII & Retrofit Program kW	292	1,005	905	6,983	9,185
kW % Allocation	3%	11%	10%	76%	100%

2

3 b) The derivation of the 76% allocation to Large Users is presented in Table 1 above.

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Reference: LRAMVA workform (Attachment 39), Tab 1/ Tab 1-a (Updates)

- a) If Alectra Utilities made any changes to the LRAMVA workform as a result of its responses to the above LRAMVA interrogatories, please file an updated LRAMVA workform, and confirm the LRAMVA balance requested for disposition, the disposition period and the revised rate riders.**
- b) Please confirm any changes to the LRAMVA workform in response to these LRAMVA interrogatories in “Table A-2. Updates to LRAMVA Disposition (Tab 1-a)”.**

Response:

- 1 a) and b) Alectra Utilities has not made any changes to the LRAMVA workform for the Guelph
- 2 Hydro RZ as a result of its responses to LRAMVA interrogatories.