

**Liberty Utilities (Granite State Electric) d/b/a Liberty Utilities  
 2020 System Benefits Charge ("SBC") Calculation  
 (\$ in 000's)**

Year	EE Total Budget	RGGI Revenues	FCM Revenues	Other Revenues	Carryforward with Interest	Current Year Interest	SBC Requirement	Forecasted Distribution (MWH)	SBC Rate EE Portion (cents/kWh)	SBC Rate EAP Portion (cents/kWh)	SBC Rate LBR Portion (cents/kWh)	2020 Total SBC Rate (cents/kWh)
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M
2020	\$ 6,398	\$ 213	\$ 609	\$ -	\$ 693	\$ 18	\$ 4,882	924,743	0.528	0.150	0.036	0.714

Col. A: Effective year (January 1, 2020 - December 31, 2020)  
 Col. B: Company Forecast  
 Col. C: Company Forecast  
 Col. D: Company Forecast  
 Col. E: Company Forecast  
 Col. F: Page 2, Line 9 Col. N + Line 11 Col. O  
 Col. G: Page 3, Line 11, Col. O  
 Col. H: Col. B - Col. C - Col. D - Col. E - Col. F  
 Col. I: Company Forecast  
 Col. J: (Col. H / Col. I) x 100  
 Col. K: EAP Portion of SBC Rate  
 Col. L: Page 4, Col. G  
 Col. M: Col. J + Col. K + Col. L

**Liberty Utilities (Granite State Electric) d/b/a Liberty Utilities  
Energy Efficiency Expense & SBC Revenue Reconciliation  
January 1, 2019 to December 31, 2019  
(\$ in 000's)**

Line	Description	Carryover 12/31/18	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Actual Jul-19	Actual Aug-19	Forecast Sep-19	Forecast Oct-19	Forecast Nov-19	Forecast Dec-19	2019 Total
	Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O
1	SBC Revenues		\$253	\$282	\$277	\$260	\$256	\$262	\$322	\$341	\$290	\$265	\$268	\$293	\$3,369
2	RGGI Revenues		\$0	\$0	\$53	\$53	\$0	\$0	\$0	\$0	\$53	\$0	\$0	\$53	\$214
3	FCM Revenues		\$66	\$66	\$66	\$66	\$68	\$68	\$56	\$56	\$53	\$53	\$53	\$53	\$723
4	Other Revenues		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5	<b>Total Revenues</b>		<b>\$319</b>	<b>\$348</b>	<b>\$397</b>	<b>\$380</b>	<b>\$324</b>	<b>\$330</b>	<b>\$379</b>	<b>\$397</b>	<b>\$396</b>	<b>\$318</b>	<b>\$320</b>	<b>\$399</b>	<b>\$4,307</b>
6	Program Expenses		\$191	\$191	\$191	\$191	\$191	\$191	\$191	\$191	\$365	\$365	\$365	\$365	\$2,989
7	<b>Total Program Expenses</b>		<b>\$191</b>	<b>\$191</b>	<b>\$191</b>	<b>\$191</b>	<b>\$191</b>	<b>\$191</b>	<b>\$191</b>	<b>\$191</b>	<b>\$365</b>	<b>\$365</b>	<b>\$365</b>	<b>\$365</b>	<b>\$2,989</b>
8	Current Month (Over)/Under Recovery		-\$127	-\$157	-\$205	-\$188	-\$133	-\$138	-\$187	-\$206	-\$32	\$47	\$44	-\$35	
9	Cumulative (Over)/Under Recovery	163	36	(121)	(307)	(465)	(558)	(646)	(774)	(909)	(861)	(724)	(630)	(665)	
10	Col. B - Col. C - Col. D - Col. E - Col. F		0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	
11	<b>Interest on Deferral Balance</b>		<b>\$ 0</b>	<b>\$ (0)</b>	<b>\$ (1)</b>	<b>\$ (2)</b>	<b>\$ (2)</b>	<b>\$ (3)</b>	<b>\$ (3)</b>	<b>\$ (4)</b>	<b>\$ (4)</b>	<b>\$ (4)</b>	<b>\$ (3)</b>	<b>\$ (3)</b>	<b>\$ (28)</b>
12	<b>Monthly Sales (MWh)</b>		79,161	75,764	74,413	69,733	68,703	70,167	86,361	87,796	76,569	69,399	69,969	76,708	904,743
13	<b>EE SBC Rate</b>		0.373	0.373	0.373	0.373	0.373	0.373	0.373	0.373	0.373	0.373	0.373	0.373	

Line 1: (Line 12 x Line 13) / 100  
Line 2: Company Forecast  
Line 3: Company Forecast  
Line 4: Company Forecast  
Line 5: Sum of Lines 1 through Lines 4  
Line 6: Company Forecast  
Line 7: Sum of Line 6  
Line 8: Line 7 - Line 5  
Line 9: Prior month Line 9 + Current month Line 8  
Line 10: Prime Rate / 12  
Line 11: (Prior Month Line 9 + Current Month Line 9) / 2 x Line 10  
Line 12: Company Forecast  
Line 13: 2017 approved rate

**Liberty Utilities (Granite State Electric) d/b/a Liberty Utilities  
Energy Efficiency Expense & SBC Revenue Reconciliation  
January 1, 2020 to December 31, 2020  
(\$ in 000's)**

Line	Description	Carryover 12/31/2019	Forecast Jan 2020	Forecast Feb 2020	Forecast Mar 2020	Forecast Apr 2020	Forecast May 2020	Forecast June 2020	Forecast Jul 2020	Forecast Aug 2020	Forecast Sep 2020	Forecast Oct 2020	Forecast Nov 2020	Forecast Dec 2020	2020 Total
	Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O
1	SBC Revenues		\$432	\$388	\$389	\$367	\$383	\$408	\$474	\$468	\$405	\$382	\$374	\$413	\$4,883
2	RGGI Revenues		\$0	\$0	\$53	\$0	\$0	\$53	\$0	\$0	\$53	\$0	\$0	\$53	\$213
3	FCM Revenues		\$53	\$53	\$53	\$53	\$53	\$53	\$53	\$53	\$53	\$53	\$53	\$53	\$633
4	Other Revenues		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5	<b>Total Revenues</b>		<b>\$485</b>	<b>\$441</b>	<b>\$495</b>	<b>\$420</b>	<b>\$436</b>	<b>\$514</b>	<b>\$527</b>	<b>\$521</b>	<b>\$511</b>	<b>\$435</b>	<b>\$426</b>	<b>\$519</b>	<b>\$5,728</b>
6	Program Expenses		\$533	\$533	\$533	\$533	\$533	\$533	\$533	\$533	\$533	\$533	\$533	\$533	\$6,398
7	<b>Total Program Expenses</b>		<b>\$533</b>	<b>\$533</b>	<b>\$533</b>	<b>\$533</b>	<b>\$533</b>	<b>\$533</b>	<b>\$533</b>	<b>\$533</b>	<b>\$533</b>	<b>\$533</b>	<b>\$533</b>	<b>\$533</b>	<b>\$6,398</b>
8	Current Month (Over)/Under Recovery		\$49	\$92	\$38	\$114	\$97	\$19	\$6	\$12	\$23	\$98	\$107	\$14	
9	Cumulative (Over)/Under Recovery	\$ (693)	(\$645)	(\$553)	(\$515)	(\$401)	(\$304)	(\$284)	(\$278)	(\$266)	(\$243)	(\$145)	(\$38)	(\$24)	
10	Col. B - Col. C - Col. D - Col. E - Col. F		0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	
11	<b>Interest on Deferral Balance</b>		<b>(\$3)</b>	<b>(\$3)</b>	<b>(\$2)</b>	<b>(\$2)</b>	<b>(\$2)</b>	<b>(\$1)</b>	<b>(\$1)</b>	<b>(\$1)</b>	<b>(\$1)</b>	<b>(\$1)</b>	<b>(\$0)</b>	<b>(\$0)</b>	<b>(\$18)</b>
12	<b>Monthly Sales (MWh)</b>		81,795	73,535	73,683	69,469	72,548	77,218	89,822	88,689	76,631	72,340	70,789	78,223	924,743
13	<b>EE SBC Rate</b>		0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528	

Line 1: (Line 12 x Line 13) / 100  
Line 2: Page 1, Col. C  
Line 3: Page 1, Col. D  
Line 4: Page 1, Col. E  
Line 5: Sum of Lines 1 through Lines 4  
Line 6: Page 1, Col. B  
Line 7: Sum of Line 6  
Line 8: | Line 7 - Line 5  
Line 9: Prior month Line 9 + Current month Line 8  
Line 10: Prime Rate / 12  
Line 11: (Prior Month Line 9 + Current Month Line 9) / 2 x Line 10  
Line 12: Company Forecast  
Line 13: Page 1, Col. J

**Liberty Utilities (Granite State Electric) d/b/a Liberty Utilities  
 2020 System Benefits Charge Calculation (LBR Component)  
 (\$ in 000's)**

Year	Forecasted LBR Revenue	Prior Year Deferral with Interest	Current Year Interest	Total LBR Revenue	Forecasted Distribution (MWH)	SBC Rate LBR Portion (cents/kWh)
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G
2020	\$ 328	\$ -	\$ 5	\$ 333	924,743	0.036

Col. A: Effective year (January 1, 2020 - December 31, 2020)  
 Col. B: Page 5, Line 21, Col. O / 1000  
 Col. C: Page 6, Line 7, Col. N  
 Col. D: Page 7, Line 6, Col. O  
 Col. E: Col. B + Col. C + Col. D  
 Col. F: Company Forecast  
 Col. G: (Col. E \* 100) / Col. F

**Liberty Utilities (Granite State Electric) d/b/a Liberty Utilities**  
**Monthly and Cumulative Savings and Lost Base Revenue**  
**January 1, 2020 to December 31, 2020**

Line	Description	Cumulative	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	2020 Annual kWh and	Cumulative
		Annual kWh 12/31/2019	Jan 2020	Feb 2020	Mar 2020	Apr 2020	May 2020	June 2020	Jul 2020	Aug 2020	Sep 2020	Oct 2020	Nov 2020	Dec 2020	Monthly kWh Savings	Annual kWh and Monthly kW	
1	Residential Annual kWh Savings (2019)	2,246,439	146,882	146,882	146,882	146,882	146,882	146,882	146,882	146,882	146,882	146,882	146,882	146,882	146,882	1,762,578	4,009,017
2	C&I Annual kWh Savings (2017 & 2018)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	C&I Annual kWh Savings (2019)	6,977,921	903,036	903,036	903,036	903,036	903,036	903,036	903,036	903,036	903,036	903,036	903,036	903,036	903,036	10,836,436	17,814,357
4	C&I Monthly Installed kW Savings*	901	120	120	120	120	120	120	120	120	120	120	120	120	120	1,444	2,345
<b>Total 2020</b>																	
5	Monthly Residential Savings (2019)	11,300	11,300	11,300	11,300	11,300	11,300	11,300	11,300	11,300	11,300	11,300	11,300	11,300	11,300	11,300	11,300
6	Cumulative Residential Savings	187,203	198,503	209,803	221,103	232,403	243,703	255,003	266,303	277,603	288,903	300,203	311,503	322,803	334,103	345,403	356,703
7	Average Residential kWh Distribution Rate	0.04694	0.04694	0.04694	0.04694	0.04694	0.04694	0.04694	0.04694	0.04694	0.04694	0.04694	0.04694	0.04694	0.04694	0.04694	0.04694
8	Total Lost Residential Revenue	\$ 9,317	\$ 9,848	\$ 10,378	\$ 10,909	\$ 11,439	\$ 11,969	\$ 12,500	\$ 13,030	\$ 13,561	\$ 14,091	\$ 14,621	\$ 15,152	\$ 15,682	\$ 16,213	\$ 16,743	\$ 17,273
9	Monthly C&I Savings (2017 & 2018)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Average C&I kWh Distribution Rate	0.04694	0.04694	0.04694	0.04694	0.04694	0.04694	0.04694	0.04694	0.04694	0.04694	0.04694	0.04694	0.04694	0.04694	0.04694	0.04694
11	Col. B - Col. C - Col. D - Col. E - Col. F	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	Monthly C&I Savings (2019)	69,500	69,500	69,500	69,500	69,500	69,500	69,500	69,500	69,500	69,500	69,500	69,500	69,500	69,500	69,500	69,500
13	Cumulative C&I Savings	581,493	650,993	720,493	789,993	859,493	928,993	998,493	1,067,993	1,137,493	1,206,993	1,276,493	1,345,993	1,415,493	1,484,993	1,554,493	1,623,993
14	Average C&I kWh Distribution Rate	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873	0.00873
15	Lost C&I kWh Revenue	\$ 5,681	\$ 6,287	\$ 6,894	\$ 7,500	\$ 8,107	\$ 8,713	\$ 9,320	\$ 9,926	\$ 10,533	\$ 11,139	\$ 11,746	\$ 12,352	\$ 12,959	\$ 13,566	\$ 14,173	\$ 14,780
16	Monthly C&I kW Savings (2019)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
17	Cumulative Monthly C&I kW Savings	75	135	256	376	496	617	737	857	978	1,098	1,218	1,339	1,459	1,579	1,699	1,819
18	Average C&I Demand Rate	7.65	7.65	7.65	7.65	7.65	7.65	7.65	7.65	7.65	7.65	7.65	7.65	7.65	7.65	7.65	7.65
19	Lost C&I Demand Revenue	\$ 1,035	\$ 1,956	\$ 2,877	\$ 3,798	\$ 4,719	\$ 5,640	\$ 6,561	\$ 7,482	\$ 8,403	\$ 9,324	\$ 10,245	\$ 11,166	\$ 12,087	\$ 13,008	\$ 13,929	\$ 14,850
20	Total Lost C&I kWh and Demand Revenue	\$ 6,716	\$ 8,244	\$ 9,771	\$ 11,299	\$ 12,826	\$ 14,354	\$ 15,881	\$ 17,409	\$ 18,936	\$ 20,464	\$ 21,991	\$ 23,519	\$ 25,046	\$ 26,574	\$ 28,101	\$ 29,629
21	<b>Total Lost Revenue</b>	<b>\$ 16,034</b>	<b>\$ 18,091</b>	<b>\$ 20,149</b>	<b>\$ 22,207</b>	<b>\$ 24,265</b>	<b>\$ 26,323</b>	<b>\$ 28,381</b>	<b>\$ 30,439</b>	<b>\$ 32,497</b>	<b>\$ 34,555</b>	<b>\$ 36,613</b>	<b>\$ 38,671</b>	<b>\$ 40,729</b>	<b>\$ 42,787</b>	<b>\$ 44,845</b>	<b>\$ 46,903</b>

Lines 1-3: Company Forecast  
 Line 4: Line 1 + Line 2 + Line 3  
 Line 5: Company Forecast  
 Line 6: Line 5  
 Line 7: Line 2 / 12  
 Line 8: Prior Month Line 8 + Current Month Line 7  
 Line 9: Page 8, Column 7  
 Line 10: Line 8 x Line 9  
 Line 11: Line 1 / 12  
 Line 12: Page 8, Column 8  
 Line 14: Line 3 / 12  
 Line 15: Prior Month Line 15 + Current Month Line 14  
 Line 16: Page 8, Column 7  
 Line 17: Line 15 x Line 16  
 Line 18: Line 5 / 12  
 Line 19: Prior Month Line 19 + Current Month Line 18  
 Line 20: Page 8, Column 6  
 Line 21: Line 19 x Line 20  
 Line 22: Line 10 + Line 13 + Line 17 + Line 21

**Liberty Utilities (Granite State Electric) d/b/a Liberty Utilities**  
**Lost Base Revenue Reconciliation**  
**January 1, 2019 to December 31, 2019**  
**(\$ in 000's)**

Line	Description	Forecast	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	Forecast	Forecast	2019
		Carryover 12/31/2019	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Total
	Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O
1	Revenue Recovery		9	9	9	8	8	8	10	11	9	9	9	9	109
2	Lost Revenues		16	18	20	22	24	26	28	30	32	35	37	39	328
3	Current Month (Over)/Under Recovery		7	9	11	14	16	18	18	19	23	26	28	29	219
4	Cumulative (Over)/Under Recovery	-	7	16	28	41	57	75	93	113	136	162	190	219	
5	Interest @ Prime Rate		0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	0.46%	
6	Interest on Deferral Balance		0	0	0	0	0	0	0	0	1	1	1	1	5
7	Cummulative (Over)/Under Recovery Incl Carrying Charge		7	16	28	42	58	76	95	115	138	165	194	224	
8	<b>Col. B - Col. C - Col. D - Col. E - Col. F</b>		79,161	75,764	74,413	69,733	68,703	70,168	86,361	91,292	75,714	72,447	70,911	78,141	912,808
9	<b>SBC Rate (LBR Component)</b>		0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	

Line 1: (Line 7 x Line 8) / 100  
 Line 2: Page 5, Line 21 / 1000  
 Line 3: Line 2 - Line 1  
 Line 4: Prior month Line 4 + Current month Line 3  
 Line 5: Prime Rate / 12  
 Line 6: (Prior Month Line 4 + Current Month Line 4) / 2 x Line 5  
 Line 7: Company Forecast  
 Line 8: Company Forecast

**Liberty Utilities (Granite State Electric) d/b/a Liberty Utilities  
Calculation of Forecasted Average Distribution Rate for Lost Revenue  
Based on Actual Billing Determinants and Distribution Rates for 2018\***

	(1)	(2)	(3) = (1) + (2)	(4)	(5)	(6) = (1) + (4)	(7) = (2) / (5)	(8) = (3) / (5)
<b>For the Period 01/01/18 Through 12/31/18</b>								
<u>Rate Class</u>	<u>Revenue</u>			<u>Delivery kW</u>	<u>Delivery kWh</u>	<u>Average Distribution Rate \$/kW</u>	<u>Average Distribution Rate \$/kWh</u>	<u>Average Distribution Rate \$/kWh</u>
	<u>Demand Charges<sup>(a)</sup></u>	<u>kWh Charges</u>	<u>Total Demand and kWh Charges</u>					
Rate D	\$ -	\$ 13,035,007	\$ 13,035,007	\$ -	277,704,434	<b>N/A</b>	<b>N/A</b>	<b>\$ 0.04694</b>
Rate D-10	\$ -	\$ 209,851	\$ 209,851	\$ -	-			
Rate T	\$ -	\$ 755,506	\$ 755,506	\$ -	-			
<b>Total Residential</b>	\$ -	\$ 14,000,364	\$ 14,000,364	\$ -	-			
Rate G-1	\$ 7,281,389	\$ 1,153,820	\$ 8,435,209	951,328	379,184,992	\$ 7.65	\$ 0.00304	\$ 0.02225
Rate G-2	\$ -	\$ 290,067	\$ 290,067	-	147,993,116	\$ -	\$ 0.00196	\$ 0.00196
Rate G-3 Col. B - Col. C - Col. D - C	\$ -	\$ 3,913,193	\$ 3,913,193	-	88,095,304	\$ -	\$ 0.04442	\$ 0.04442
Rate V	\$ -	\$ 14,998	\$ 14,998	-	328,389	\$ -	\$ 0.04567	\$ 0.04567
<b>Total Commercial and Industrial</b>	\$ 7,281,389	\$ 5,372,078	\$ 12,653,467	951,328	615,601,801	<b>\$ 7.65</b>	<b>\$ 0.00873</b>	<b>\$ 0.02055</b>

\* Excludes the outdoor lighting Rate OL and the Customer/Meter charge revenue from each rate. Used billing determinants from DE 19-064

(a) For Rate G-2, the demand charge is excluded from the average rate calculation as ratchet for rate class is under internal review.

**Bill Impacts of Changes in System Benefits Charge - Liberty Utilities (Granite State Electric) d/b/a Liberty Utilities**

	<b>Current Rates*</b>	<b>2020</b>
System Benefits Charge (\$/kWh)	\$ 0.00535	\$ 0.00714
 <u>Bill per month, including PSNH default energy service</u>		
Residential Rate D (650 kWh/month)	\$ 112.82	\$ 113.98
Rate G-2, 25 kW, 9,000 kWh per month	\$ 874.40	\$ 892.30
 <u>Change from previous rate level - \$ per month</u>		
Residential Rate D (650 kWh/month)		\$ 1.16
Rate G-2, 25 kW, 9,000 kWh per month		\$ 17.90
 <u>Change from previous rate level - %</u>		
Residential Rate D (650 kWh/month)		1.03%
Rate G-2, 25 kW, 9,000 kWh per month		2.05%

Col. B - Col. C - Col. D - Col. E - Col. F

\* Stated at Liberty's most recent rate levels (effective August 1, 2019). Rate G-2 energy service rate is based on September 1, 2019 rate.



**Liberty Utilities (Granite State Electric) d/b/a Liberty Utilities  
 Calculation of Distribution Revenue at the Rate Levels in Effect During 2018  
 Based on Billing Determinants for the Twelve Months Ending December 2018**

Residential Rate D									
Rate	Source	January 1, 2018 - May 31, 2018			June 1, 2018 - December 31, 2018			2018 Total	
		Units	Rate/Charge	Revenue	Units	Rate/Charge	Revenue	Units	Revenue
Standard	Customer Charge	176,526	\$ 14.54	\$ 2,566,688	248,053	\$ 14.02	\$ 3,477,703	424,579	\$ 6,044,391
	First 250 kWh	39,838,615	\$ 0.04061	\$ 1,617,846	56,130,610	\$ 0.04299	\$ 2,413,055	95,969,225	\$ 4,030,901
	Excess 250 kWh	73,632,339	\$ 0.05273	\$ 3,882,633	106,438,717	\$ 0.04883	\$ 5,197,403	180,071,056	\$ 9,080,036
Off Peak kWh 16 Hour	All kWh	509,683	\$ 0.04185	\$ 21,330	610,765	\$ 0.04039	\$ 24,669	1,120,448	\$ 45,999
Farm kWh	All kWh	400,714	\$ 0.04576	\$ 18,337	494,066	\$ 0.04416	\$ 21,818	894,780	\$ 40,155
D-6 kWh	All kWh	351,911	\$ 0.04262	\$ 14,998	417,462	\$ 0.04414	\$ 18,427	769,373	\$ 33,425
Total Residential	Customer/Meter	176,526		\$ 2,566,688	248,053		\$ 3,477,703	424,579	\$ 6,044,391
	Demand	-		\$ -	-		\$ -	-	\$ -
	kWh	114,733,262		\$ 5,555,145	164,091,620		\$ 7,675,371	278,824,882	\$ 13,230,516
				\$ 8,121,833			\$ 11,153,074		\$ 19,274,907

Residential Rate D-10									
Col. B - Col. C - Col. D -	Source	January 1, 2018 - May 31, 2018			June 1, 2018 - December 31, 2018			2017 Total	
		Units	Rate/Charge	Revenue	Units	Rate/Charge	Revenue	Units	Revenue
Standard	Customer Charge	2,203	\$ 14.54	\$ 32,032	3,074	\$ 14.02	\$ 43,097	5,277	\$ 75,129
	On Peak kWh	954,934	\$ 0.10422	\$ 99,523	1,082,684	\$ 0.10054	\$ 108,853	2,037,618	\$ 208,376
	Off Peak kWh	1,877,474	\$ 0.00141	\$ 2,647	1,714,187	\$ 0.00139	\$ 2,383	3,591,661	\$ 5,030
Total Rate D-10	Customer/Meter	2,203		\$ 32,032	3,074		\$ 43,097	5,277	\$ 75,129
	Demand	-		\$ -	-		\$ -	-	\$ -
	kWh	2,832,408		\$ 102,170	2,796,871		\$ 111,236	5,629,279	\$ 213,406
				\$ 134,202			\$ 154,333		\$ 288,535

Commercial & Industrial Rate G-1									
Rate	Source	January 1, 2018 - May 31, 2018			June 1, 2018 - December 31, 2018			2017 Total	
		Units	Rate/Charge	Revenue	Units	Rate/Charge	Revenue	Units	Revenue
Standard	Customer Charge	674	\$ 378.73	\$ 255,264	1,089	\$ 365.24	\$ 397,746	1,763	\$ 653,010
	Demand Charge	369,367	\$ 8.07	\$ 2,980,792	646,696	\$ 7.78	\$ 5,031,295	1,016,063	\$ 8,012,087
	On Peak kWh	80,641,269	\$ 0.00516	\$ 416,109	82,981,478	\$ 0.00501	\$ 415,737	163,622,747	\$ 831,846
	Off Peak kWh	63,018,220	\$ 0.00152	\$ 95,788	142,540,567	\$ 0.00150	\$ 213,811	205,558,787	\$ 309,599
	Credit for High Voltage Delivery	148,120	\$ (0.44)	\$ (65,173)	206,229	\$ (0.42)	\$ (86,616)	354,349	\$ (151,789)
Total Rate G-1	Customer/Meter	674		\$ 255,264	1,089		\$ 397,746	1,763	\$ 653,010
	Demand	369,367		\$ 2,980,792	646,696		\$ 5,031,295	1,016,063	\$ 8,012,087
	kWh	143,807,609		\$ 446,724	225,728,274		\$ 542,932	369,535,883	\$ 989,656
				\$ 3,682,780			\$ 5,971,973		\$ 9,654,753

Commercial Rate G-2									
Rate	Source	January 1, 2018 - May 31, 2018			June 1, 2018 - December 31, 2018			2017 Total	
		Units	Rate/Charge	Revenue	Units	Rate/Charge	Revenue	Units	Revenue
Standard	Customer Charge	4,535	\$ 63.15	\$ 286,385	6,347	\$ 60.90	\$ 386,532	10,882	\$ 672,918
	Demand Charge	206,641	\$ 8.12	\$ 1,677,925	303,467	\$ 7.83	\$ 2,376,147	510,108	\$ 4,054,072
	All kWh	60,196,695	\$ 0.00200	\$ 120,393	87,796,421	\$ 0.00196	\$ 172,081	147,993,116	\$ 292,474
	Credit for High Voltage Delivery	720	\$ (0.44)	\$ (317)	1,229	\$ (0.42)	\$ (516)	1,949	\$ (833)
Total Rate G-2	Customer/Meter	4,535		\$ 286,385	6,347		\$ 386,532	10,882	\$ 672,918
	Demand	206,641		\$ 1,677,925	303,467		\$ 2,376,147	510,108	\$ 4,054,072
	kWh	60,197,415		\$ 120,077	87,797,650		\$ 171,565	147,995,065	\$ 291,641
				\$ 2,084,387			\$ 2,934,244		\$ 5,018,630

General Service Rate G-3									
Rate	Source	January 1, 2018 - May 31, 2018			June 1, 2018 - December 31, 2018			2017 Total	
		Units	Rate/Charge	Revenue	Units	Rate/Charge	Revenue	Units	Revenue
Standard	Customer Charge	28,321	\$ 14.54	\$ 411,787	39,719	\$ 14.02	\$ 556,860	68,040	\$ 968,648
	All kWh	37,047,833	\$ 0.04603	\$ 1,705,312	51,047,471	\$ 0.04442	\$ 2,267,529	88,095,304	\$ 3,972,840
Total Rate G-3	Customer/Meter	28,321		\$ 411,787	39,719		\$ 556,860	68,040	\$ 968,648
	Demand	-		\$ -	-		\$ -	-	\$ -
	kWh	37,047,833		\$ 1,705,312	51,047,471		\$ 2,267,529	88,095,304	\$ 3,972,840
				\$ 2,117,099			\$ 2,824,389		\$ 4,941,488

Electric Heat Rate T									
Rate	Source	January 1, 2018 - May 31, 2018			June 1, 2018 - December 31, 2018			2017 Total	
		Units	Rate/Charge	Revenue	Units	Rate/Charge	Revenue	Units	Revenue
Standard	Customer Charge	4,866	\$ 12.54	\$ 61,020	6,700	\$ 14.02	\$ 93,934	11,566	\$ 154,954
	All kWh	8,096,077	\$ 0.04004	\$ 324,167	7,255,996	\$ 0.03865	\$ 280,444	15,352,073	\$ 604,611
Total Rate T	Customer/Meter	4,866		\$ 61,020	6,700		\$ 93,934	11,566	\$ 154,954
	Demand	-		\$ -	-		\$ -	-	\$ -
	kWh	8,096,077		\$ 324,167	7,255,996		\$ 280,444	15,352,073	\$ 604,611
				\$ 385,187			\$ 374,378		\$ 759,565

Electric Heat Rate V									
Rate	Source	January 1, 2018 - May 31, 2018			June 1, 2018 - December 31, 2018			2017 Total	
		Units	Rate/Charge	Revenue	Units	Rate/Charge	Revenue	Units	Revenue
Standard	Customer Charge	90	\$ 14.54	\$ 1,309	121	\$ 14.02	\$ 1,696	211	\$ 3,005
	All kWh	149,692	\$ 0.04732	\$ 7,083	178,697	\$ 0.04567	\$ 8,161	328,389	\$ 15,245
Total Rate V	Customer/Meter	90		\$ 1,309	121		\$ 1,696	211	\$ 3,005
	Demand	-		\$ -	-		\$ -	-	\$ -
	kWh	149,692		\$ 7,083	178,697		\$ 8,161	328,389	\$ 15,245
				\$ 8,392			\$ 9,858		\$ 18,250

Outdoor Lighting Rate OL									
Type	Fixture	January 1, 2018 - May 31, 2018			June 1, 2018 - December 31, 2018			2017 Total	
		Units	Rate/Charge	Revenue	Units	Rate/Charge	Revenue	Units	Revenue
High Pressure Sodium	HPS RWY 50W	11,289	\$ 7.64	\$ 86,248	17,958	\$ 7.36	\$ 132,171	29,247	\$ 218,419
	HPS RWY 100W	1,770	\$ 9.27	\$ 16,408	13,659	\$ 8.93	\$ 121,975	15,429	\$ 138,383
	HPS RWY 250W	517	\$ 16.28	\$ 8,417	3,622	\$ 15.70	\$ 56,865	4,139	\$ 65,282
	HPS RWY 400W	240	\$ 21.21	\$ 5,090	593	\$ 20.45	\$ 12,127	833	\$ 17,217
	HPS POST 100W	402	\$ 10.67	\$ 4,289	3,202	\$ 10.29	\$ 32,949	3,604	\$ 37,238
	HPS FLD 250W	258	\$ 16.42	\$ 4,236	1,791	\$ 15.83	\$ 28,352	2,049	\$ 32,588
	HPS FLD 400W	431	\$ 22.67	\$ 9,771	2,943	\$ 21.86	\$ 64,334	3,374	\$ 74,105
Incandescent	INC RWY 103W	23	\$ 10.21	\$ 235	161	\$ 9.84	\$ 1,584	184	\$ 1,819
Mercury	MV RWY 100W	64	\$ 7.38	\$ 472	449	\$ 7.11	\$ 3,192	513	\$ 3,665
	MV RWY 175W	145	\$ 8.99	\$ 1,304	865	\$ 8.66	\$ 7,491	1,010	\$ 8,794
	MV RWY 400W	51	\$ 16.99	\$ 866	350	\$ 16.38	\$ 5,733	401	\$ 6,599
	MV RWY 1000W	1	\$ 32.23	\$ 32	7	\$ 31.08	\$ 218	8	\$ 250
	MV FLD 400W	22	\$ 18.78	\$ 413	142	\$ 18.11	\$ 2,572	164	\$ 2,985
	MV FLD 1000W	-	\$ 32.44	\$ -	-	\$ 31.28	\$ -	-	\$ -
POLES	WOOD	119	\$ 9.01	\$ 1,072	804	\$ 8.68	\$ 6,979	923	\$ 8,051
	POLE FIBER DIRECT EMBEDDED	245	\$ 9.33	\$ 2,286	1,948	\$ 8.99	\$ 17,513	2,193	\$ 19,798
	POLE FIBER RWY <25FT	132	\$ 15.83	\$ 2,090	1,122	\$ 15.26	\$ 17,122	1,254	\$ 19,211
	POLE FIBER RWY =>25FT	4	\$ 26.44	\$ 106	32	\$ 25.49	\$ 816	36	\$ 921
	POLE METAL EMBEDDED	162	\$ 18.86	\$ 3,055	1,214	\$ 18.18	\$ 22,071	1,376	\$ 25,126
	POLE METAL =>25FT	101	\$ 22.74	\$ 2,297	713	\$ 21.93	\$ 15,636	814	\$ 17,933
LED	LED 30W	14	\$ 11.28	\$ 158	103	\$ 10.87	\$ 1,120	117	\$ 1,278
	LED 50W	31	\$ 11.74	\$ 364	603	\$ 11.32	\$ 6,826	634	\$ 7,190
	LED 130W	32	\$ 13.57	\$ 434	1,117	\$ 13.08	\$ 14,610	1,149	\$ 15,045
	LED 190W	4	\$ 17.86	\$ 71	26	\$ 17.22	\$ 448	30	\$ 519
	LED 50W URD	13	\$ 12.90	\$ 168	101	\$ 12.44	\$ 1,256	114	\$ 1,424
	LED 90W FLOOD	-	\$ 13.01	\$ -	17	\$ 12.54	\$ 213	17	\$ 213
	LED 130W FLOOD	-	\$ 14.24	\$ -	28	\$ 13.73	\$ 384	28	\$ 384
	LED 50W BARN	-	\$ 4.97	\$ -	2	\$ 4.79	\$ 10	2	\$ 10
	All kWh	-	\$ (0.00004)	\$ -	-	\$ -	\$ -	-	\$ -
Total Rate OL	Fixtures	16,070		\$ 149,883	53,572		\$ 574,564	69,642	\$ 724,447
	Demand kWh	-		\$ -	-		\$ -	-	\$ -
				\$ 149,883			\$ 574,564		\$ 724,447

Total Retail							
Type	Source	January 1, 2017 - June 30, 2017		July 1, 2017 - December 31, 2017		2017 Total	
		Units	Revenue	Units	Revenue	Units	Revenue
Total Retail	Customer/Meter	217,215	\$ 3,614,484.51	302,029	\$ 4,957,570	519,244	\$ 8,572,055
	Fixtures	16,070	\$ 149,883	53,572	\$ 574,564	69,642	\$ 724,447
	Demand	576,008	\$ 4,658,717	950,163	\$ 7,320,309	1,526,171	\$ 11,979,026
	kWh	366,864,296	\$ 8,260,878	538,896,579	\$ 11,057,237	905,760,875	\$ 19,317,915
			\$ 16,683,762		\$ 23,909,681		\$ 40,593,443

Lost Base Revenue							
Summary of Data Included in the Calculation of the Average Distribution Rates*							
Type	Source	January 1, 2017 - June 30, 2017		July 1, 2017 - December 31, 2017		2017 Total	
		Units	Revenue	Units	Revenue	Units	Revenue
Total Rate D	Demand kWh	-	\$ -	-	\$ -	-	\$ -
		114,733,262	\$ 5,555,145	164,091,620	\$ 7,675,371	278,824,882	\$ 13,230,516
			\$ 5,555,145		\$ 7,675,371		\$ 13,230,516
Total Rate D-10	Demand kWh	-	\$ -	-	\$ -	-	\$ -
		2,832,408	\$ 102,170	2,796,871	\$ 111,236	5,629,279	\$ 213,406
			\$ 102,170		\$ 111,236		\$ 213,406
Total Rate G-1	Demand kWh	369,367	\$ 2,980,792	646,696	\$ 5,031,295	1,016,063	\$ 8,012,087
		143,807,609	\$ 446,724	225,728,274	\$ 542,932	369,535,883	\$ 989,656
			\$ 3,427,516		\$ 5,574,227		\$ 9,001,742
Total Rate G-2	Demand kWh	206,641	\$ 1,677,925	303,467	\$ 2,376,147	510,108	\$ 4,054,072
		60,197,415	\$ 120,077	87,797,650	\$ 171,565	147,995,065	\$ 291,641
			\$ 1,798,002		\$ 2,547,711		\$ 4,345,713
Total Rate G-3	Demand kWh	-	\$ -	-	\$ -	-	\$ -
		37,047,833	\$ 1,705,312	51,047,471	\$ 2,267,529	88,095,304	\$ 3,972,840
			\$ 1,705,312		\$ 2,267,529		\$ 3,972,840
Total Rate T	Demand kWh	-	\$ -	-	\$ -	-	\$ -
		8,096,077	\$ 324,167	7,255,996	\$ 280,444	15,352,073	\$ 604,611
			\$ 324,167		\$ 280,444		\$ 604,611
Total Rate V	Demand kWh	-	\$ -	-	\$ -	-	\$ -
		149,692	\$ 7,083	178,697	\$ 8,161	328,389	\$ 15,245
			\$ 7,083		\$ 8,161		\$ 15,245
Total	Demand kWh	576,008	\$ 4,658,717	165,041,783	\$ 7,407,441	1,526,171	\$ 12,066,158
		329,816,463	\$ 6,555,366	487,849,108	\$ 8,789,709	801,985,109	\$ 19,317,915
			\$ 11,214,083		\$ 16,197,150		\$ 31,384,073