

Volume 4A – Section 5
2017 Test Year Step Workpapers
Statement I

OTTER TAIL POWER COMPANY
Electric Utility - State of South Dakota
OPERATING REVENUES BY REVENUE CLASS 2009 TEST YEAR

Statement I
Step Increase
Page 1 of 16

Base Revenue Requirement - 2017 Test Year Proposed

Retail sales	kWh Sales	Revenue per COSS	Base Revenue Requirement - 2017 Test Year Proposed
Residential	99,451,813	\$11,001,905	\$7,990,534
Farms	7,768,791	\$796,731	\$558,024
General Service	73,031,189	\$7,516,542	\$5,276,616
Large General Service	211,799,024	\$14,349,607	\$8,866,513
Irrigation	213,807	\$25,337	\$19,175
Outdoor Lighting	4,287,770	\$711,639	\$589,134
OPA	3,987,113	\$329,388	\$206,664
Controlled Service Water Heating	5,035,904	\$410,196	\$278,149
Controlled Service Interruptible	21,396,210	\$1,077,920	\$532,922
Controlled Service Deferred	7,587,362	\$408,860	\$217,017
Subtotal Retail	434,558,983	\$36,628,125	\$24,534,747
Total Current SD Retail Revenue		\$36,628,125	
Minnesota Retail	2,614,227,434	\$194,447,181	
North Dakota Retail	1,805,283,075	\$145,663,342	
Subtotal Retail	4,854,069,492	\$376,738,648	
Sales for Resale	203,412,607	\$5,173,104	
Total Sales of Electricity	5,057,482,099	\$381,911,752	
Other Electric Operating Revenue		\$53,213,582	
Total Electric Revenues		\$435,125,333	

Comparison of Operating Revenues Under Present and Proposed Base Rates by Rate Schedule

Line No.	Rate Schedule	Average Customers	Annual kWh Sales	Proposed Operating Revenues		Percent Change
				Proposed	Step Increase	
1	9.01 Residential Service (Rate 101)	8,536	90,354,410	\$ 7,370,258	\$ 171,678	2.33%
2	9.02 Residential Demand Control (Rate 241)	404	9,097,403	\$ 620,276	\$ 17,286	2.79%
3			Total Residential:	\$ 7,990,534	\$ 188,964	2.36%
4						
5	9.03 Farm Service (Rate 361)	374		\$ 558,024	\$ 13,684	2.45%
6			Total Farm:	\$ 558,024	\$ 13,684	2.45%
7						
8	10.01 Small General Service - Under 20 kW - Metered Service Secondary (Rate 404)	1,831	18,547,041	\$ 1,456,077	\$ 32,786	2.25%
9	10.01 Small General Service - Under 20 kW - Metered Service Primary (Rate 405)	1	10,585	\$ 810	\$ 18	2.22%
10	10.02 General Service - 20 kW or Greater - Secondary Service (Rate 401)	501	52,050,080	\$ 3,348,377	\$ 92,011	2.75%
11	10.02 General Service - 20 kW or Greater - Primary Service (Rate 403)	4	2,424,702	\$ 471,353	\$ 4,285	0.91%
12	10.03 General Service - Time of Use (Commercial TOU) - (Rates 708, 709, 710)	-	-	\$ -	\$ -	0.00%
13			Total General Service:	\$ 5,276,616	\$ 129,100	2.45%
14						
15	10.04 Large General Service - Secondary Service (Rate 603) with RTP Rider (Rate 664)	58	187,352,818	\$ 7,954,801	\$ 238,326	3.00%
16	10.04 Large General Service - Primary Service (Rate 602)	3	4,117,978	\$ 228,295	\$ 5,239	2.29%
17	10.04 Large General Service - Transmission Service (Rate 632)	-	-	\$ -	\$ -	0.00%
18	10.05 Large General Service Time of Day - Secondary Service (Rates 611, 615, 613)	2	2,278,431	\$ 103,435	\$ 2,898	2.80%
19	10.05 Large General Service Time of Day - Primary Service (Rates 610, 614, 612)	-	-	\$ -	\$ -	0.00%
20	10.05 Large General Service Time of Day - Transmission Service (Rates 639, 637, 640)	-	-	\$ -	\$ -	0.00%
21	14.02 Real Time Pricing - Secondary Service (Rate 664)	1	18,049,797	\$ 579,982	\$ -	0.00%
22			Total Large General Service:	\$ 8,866,513	\$ 246,463	2.78%
23						
24	11.02 Irrigation Service - Option 1: Non-Time-of-Use (Rate 703)	5	174,196	\$ 13,657	\$ 355	2.60%
25	11.02 Irrigation Service - Option 2 (Rates 704, 705, 706)	4	39,611	\$ 5,518	\$ 81	1.46%
26			Total Irrigation:	\$ 19,175	\$ 435	2.27%
27						
28	11.03 Outdoor Lighting - Metered - Energy Only (Rate 748)	39		\$ 10,040	\$ 610	6.08%
29	11.03 Outdoor Lighting - Non-Metered - Energy Only (Rate 749)	17,842		\$ 26,667	\$ 1,701	6.38%
30	11.04 Outdoor Lighting - Street & Area Lighting (Rate 741)	4,165		\$ 455,167	\$ 7,722	1.70%
31	11.04 Outdoor Lighting - Flood Lighting (Rate 743)	384		\$ 97,259	\$ 2,190	2.25%
32			Total Lighting:	\$ 589,134	\$ 12,223	2.07%
33						
34	11.05 Municipal Pumping - Secondary Service (Rate 872)	116	3,987,113	\$ 205,126	\$ 5,657	2.76%
35	11.06 Civil Defense - Fire Sirens (Rate 843)	21		\$ 1,537	\$ -	0.00%
36			Total Other Public Authority:	\$ 206,664	\$ 5,657	2.74%
37						
38	14.01 Water Heating - Controlled Service (Rate 191)	2,124	5,035,904	\$ 278,149	\$ 7,045	2.53%
39			Total Water Heating:	\$ 278,149	\$ 7,045	2.53%
40						
41	14.04 Controlled Service - Interruptible Load Rider CT Metering (Rates 170, 165, 881, 168, 268, 169, 269)	29	6,367,328	\$ 111,280	\$ 5,509	4.95%
42	14.05 Controlled Service - Interruptible Load Rider Self-Contained Metering (Rates 190, 185, 882)	12	15,028,882	\$ 421,642	\$ 13,005	3.08%
43			Total Interruptible:	\$ 532,922	\$ 18,514	3.47%
44						
45	14.06 Controlled Service - Deferred Load Rider (Rates 197, 195, 883)	193	5,137,331	\$ 170,135	\$ 4,755	2.79%
46	14.07 Fixed Time of Service Rider - Self-Contained Metering (Rates 301, 884)	86	1,613,313	\$ 31,522	\$ 1,493	4.74%
47	14.07 Fixed Time of Service Rider - CT Metering (Rates 302, 885)	14	836,718	\$ 15,360	\$ 774	5.04%
48			Total Deferred Load:	\$ 217,017	\$ 7,022	3.24%
49						
50			TOTAL REVENUE:	\$ 24,534,747	\$ 629,108	2.56%
51						

Proposed vs Step Increase Operating Revenue Detailed Comparison - by Rate Schedule and Billing Units

Line No.	Charge	Units	Billing Units			Proposed Rate		Step Increase Rate		Proposed Operating Revenues	Step Increase	Proposed Step Increase	Pct Inc. Annual
			Summer	Winter	Annual	Summer	Winter	Summer	Winter	Annual	Annual	Annual	
76	10.02 General Service - 20 kW or Greater - Secondary Service (Rate 401)												
77	Customer Charge	Bills			6,016	\$25.00	\$25.00	\$25.00	\$25.00	\$ 150,400	\$ -	\$ 150,400	
78	Energy	kWh	15,420,167	36,629,913	52,050,080	\$0.03575	\$0.03544	\$0.03752	\$0.03720	\$ 1,849,239	\$ 92,011	\$ 1,941,250	
79	Demand per kW	kW	81,819	184,386	266,205	\$3.60	\$2.18	\$3.60	\$2.18	\$ 696,581	\$ -	\$ 696,581	
80	Facilities Charge	kW			399,308	\$1.00	\$1.00	\$1.00	\$1.00	\$ 401,240	\$ -	\$ 401,240	
81	Load Factor <15%, Demand Charge	kW			70,880	\$3.54	\$3.54	\$3.54	\$3.54	\$ 250,917	\$ -	\$ 250,917	
82	Total Base Revenue:									\$ 3,348,377	\$ 92,011	\$ 3,440,388	
83													
84	10.02 General Service - 20 kW or Greater - Primary Service (Rate 403)												
85	Customer Charge	Bills			48	\$20.00	\$20.00	\$20.00	\$20.00	\$ 960	\$ -	\$ 960	
86	Energy	kWh	961,490	1,463,212	2,424,702	\$0.03458	\$0.03409	\$0.03635	\$0.03586	\$ 83,129	\$ 4,286	\$ 87,415	
87	Demand per kW	kW	31,511	59,934	91,445	\$3.46	\$2.08	\$3.46	\$2.08	\$ 233,350	\$ -	\$ 233,350	
88	Facilities Charge	kW			100,589	\$0.67	\$0.67	\$0.67	\$0.67	\$ 67,721	\$ -	\$ 67,721	
89	Load Factor <15%, Demand Charge	kW			24,348	\$3.54	\$3.54	\$3.54	\$3.54	\$ 86,193	\$ -	\$ 86,193	
90	Total Base Revenue:									\$ 471,353	\$ 4,285	\$ 475,638	
91													
92	10.03 General Service - Time of Use (Commercial TOU) - (Rates 708, 709, 710)												
93	Customer Charge	Bills				\$200.00	\$200.00	\$200.00	\$200.00	\$ -	\$ -	\$ -	
94	Energy - Declared-Peak	kWh				\$0.28829	\$0.30322	\$0.29006	\$0.30499	\$ -	\$ -	\$ -	
95	Energy - Intermediate	kWh				\$0.03434	\$0.03403	\$0.03610	\$0.03580	\$ -	\$ -	\$ -	
96	Energy - Off-Peak	kWh				\$0.02295	\$0.02416	\$0.02472	\$0.02593	\$ -	\$ -	\$ -	
97	Demand per kW - Declared-Peak	kW				N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	
98	Demand per kW - Intermediate	kW				\$4.67	\$2.84	\$4.67	\$2.84	\$ -	\$ -	\$ -	
99	Demand per kW - Off-Peak	kW				\$0.00	\$0.00	\$0.00	\$0.00	\$ -	\$ -	\$ -	
100	Facilities Charge	kW				\$1.00	\$1.00	\$1.00	\$1.00	\$ -	\$ -	\$ -	
101	Load Factor <15%, Demand Charge	kW				\$3.54	\$3.54	\$3.54	\$3.54	\$ -	\$ -	\$ -	
102	Total Base Revenue:									\$ -	\$ -	\$ -	
103													
107	Riders staying outside of the Base Rate												
108	EEP Cost Recovery Rider	kWh			73,032,408					\$ 78,354	\$ -	\$ 78,354	
109	Transmission Cost Recovery Rider	kWh			73,032,408					\$ 398,321	\$ -	\$ 398,321	
110	Environmental Cost Recovery Rider	kWh			73,032,408					\$ (4,935)	\$ -	\$ (4,935)	
111	COE	kWh			73,032,408					\$ 1,768,187	\$ -	\$ 1,768,187	
112	Totals:									\$ 2,239,926	\$ -	\$ 2,239,926	
113	Step In factor:									\$ 0.00177	\$ 0.00177		
114	Total Base Revenue for the COSS Class:									\$ 5,276,616	\$ 129,101	\$ 5,405,717	
115	Total Adjustments for the COSS Class:									\$ 2,239,926	\$ -	\$ 2,239,926	
116	Total for the COSS Class:									\$ 7,516,542	\$ 129,101	\$ 7,645,643	1.72%
117													

Proposed vs Step Increase Operating Revenue Detailed Comparison - by Rate Schedule and Billing Units

Line No.	Charge	Units	Billing Units			Proposed Rate		Step Increase Rate		Proposed Operating Revenues	Step Increase	Proposed Step Increase	Pct Inc. Annual
			Summer	Winter	Annual	Summer	Winter	Summer	Winter	Annual	Annual	Annual	
118	10.04 Large General Service - Secondary Service (Rate 603)												
119	Customer Charge	Bills			699	\$215.90	\$215.90	\$215.90	\$215.90	\$ 150,914	\$ -	\$ 150,914	
120	Energy	kWh	63,266,665	124,086,153	187,352,818	\$0.02462	\$0.02440	\$0.02589	\$0.02567	\$ 4,585,260	\$ 238,326	\$ 4,823,586	
121	Demand per kW	kW	114,730	233,683	348,413	\$12.30	\$6.64	\$12.30	\$6.64	\$ 2,962,839	\$ -	\$ 2,962,839	
122	Facilities Charge <1,000 kW	kW	46,018	92,358	138,377	\$0.77	\$0.77	\$0.77	\$0.77	\$ 106,835	\$ -	\$ 106,835	
123	Facilities Charge >=1,000 kW	kW	86,443	174,789	261,231	\$0.57	\$0.57	\$0.57	\$0.57	\$ 148,789	\$ -	\$ 148,789	
124			Total Base Revenue:							\$ 7,954,637	\$ 238,326	\$ 8,192,962	
125	Water Heating Control Credit 14.01 (Rate 192)	Bills			37	-\$8.00	-\$8.00	-\$8.00	-\$8.00	\$ (296)	\$ -	\$ (296)	
126	TailWinds Program 14.09	kWh			120	\$3.84	\$3.84	\$3.84	\$3.84	\$ 461	\$ -	\$ 461	
127			Total Credits:							\$ 165	\$ -	\$ 165	
128			Total Base Revenue:							\$ 7,954,801	\$ 238,326	\$ 8,193,127	
129													
130	10.04 Large General Service - Primary Service (Rate 602)												
131	Customer Charge	Bills			36	\$282.00	\$282.00	\$282.00	\$282.00	\$ 10,152	\$ -	\$ 10,152	
132	Energy - All kWh	kWh	1,332,410	2,785,568	4,117,978	\$0.02291	\$0.02258	\$0.02418	\$0.02385	\$ 93,426	\$ 5,238	\$ 98,664	
133	Demand per kW	kW	4,883	10,094	14,977	\$10.58	\$6.34	\$10.58	\$6.34	\$ 115,656	\$ -	\$ 115,656	
134	Facilities Charge - All kW	kW	6,059	12,604	18,663	\$0.49	\$0.49	\$0.49	\$0.49	\$ 9,061	\$ -	\$ 9,061	
135			Total Base Revenue:							\$ 228,295	\$ 5,239	\$ 233,534	
136													
137	14.02 Real Time Pricing - Secondary Service (Rate 664)												
138	Customer Charge	Bills			12	\$282.00	\$282.00	\$282.00	\$282.00	\$ 3,384	\$ -	\$ 3,384	
139	Energy - All kWh	kWh	-	-	18,049,797	Real Time Pricing	Real Time Pricing	Real Time Pricing	Real Time Pricing	\$ 576,598	\$ -	\$ 576,598	
140			Total Base Revenue:							\$ 579,982	\$ -	\$ 579,982	
141													
142	10.04 Large General Service - Transmission Service (Rate 632)												
143	Customer Charge	Bills			-	\$282.00	\$282.00	\$282.00	\$282.00	\$ -	\$ -	\$ -	
144	Energy - All kWh	kWh			-	\$0.02233	\$0.02182	\$0.02361	\$0.02309	\$ -	\$ -	\$ -	
145	Demand per kW	kW			-	\$8.91	\$4.24	\$8.91	\$4.24	\$ -	\$ -	\$ -	
146	Facilities Charge	kW			-	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	
147			Total Base Revenue:							\$ -	\$ -	\$ -	
148													
149	10.05 Large General Service Time of Day - Secondary Service (Rates 611, 615, 613)												
150	Customer Charge	Bills			24	\$215.90	\$215.90	\$215.90	\$215.90	\$ 5,182	\$ -	\$ 5,182	
151	Facilities Charge <1,000 kW	kW			5,413	\$0.76	\$0.76	\$0.76	\$0.76	\$ 4,114	\$ -	\$ 4,114	
152	Facilities Charge >=1,000 kW	kW			-	\$0.57	\$0.57	\$0.57	\$0.57	\$ -	\$ -	\$ -	
153	Energy - On-Peak	kWh	156,353	171,839	328,192	\$0.03685	\$0.03120	\$0.03812	\$0.03247	\$ 11,122	\$ 417	\$ 11,539	
154	Energy - Shoulder	kWh	238,498	576,320	814,818	\$0.02808	\$0.02783	\$0.02935	\$0.02910	\$ 22,735	\$ 1,037	\$ 23,772	
155	Energy - Off-Peak	kWh	428,567	706,854	1,135,421	\$0.01877	\$0.01976	\$0.02004	\$0.02103	\$ 22,012	\$ 1,444	\$ 23,456	
156	Demand per kW - On-Peak	kW	1,608	2,791	4,399	\$7.63	\$3.80	\$7.63	\$3.80	\$ 22,876	\$ -	\$ 22,876	
157	Demand per kW - Shoulder	kW	1,651	2,705	4,356	\$4.67	2.84	\$4.67	2.84	\$ 15,393	\$ -	\$ 15,393	
158	Demand per kW - Off-Peak	kW	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$ -	\$ -	\$ -	
159			Total Base Revenue:							\$ 103,435	\$ 2,898	\$ 106,333	

Proposed vs Step Increase Operating Revenue Detailed Comparison - by Rate Schedule and Billing Units

Line No.	Charge	Units	Billing Units			Proposed Rate		Step Increase Rate		Proposed Operating Revenues Annual	Step Increase Annual	Proposed Step Increase Operating Revenues Annual	Pct Inc. Annual
			Summer	Winter	Annual	Summer	Winter	Summer	Winter				
194	11.01 Standby Service - Option A: Firm - Secondary Service (Rates 947, 948, 949)												
195	Customer Charge	Bills			-	\$215.95	\$215.95	\$215.95	\$215.95				
196	Facilities Charge per month per kW of Contracted Backup	kW			-	\$0.7560	\$0.7560	\$0.7560	\$0.7560				
197	Reservation Charge per kW of Contracted Backup	kW			-	\$0.42347	\$0.10243	\$0.42347	\$0.10243				
198	Metered Demand per day per kW On-Peak Backup	kW			-	\$0.52465	\$0.41794	\$0.52465	\$0.41794				
199	Energy - On-Peak	kWh			-	\$0.03685	\$0.03120	\$0.03812	\$0.03247				
200	Energy - Shoulder	kWh			-	\$0.02808	\$0.02783	\$0.02935	\$0.02910				
201	Energy - Off-Peak	kWh			-	\$0.01877	\$0.01976	\$0.02004	\$0.02103				
202													
203	Total:												
204	11.01 Standby Service - Option A: Firm - Primary Service (Rates 944, 945, 946)												
205	Customer Charge	Bills			-	\$282.08	\$282.08	\$282.08	\$282.08				
206	Facilities Charge per month per kW of Backup	kW			-	\$0.5730	\$0.5730	\$0.5730	\$0.5730				
207	Reservation Charge per kW of Contracted Backup	kW			-	\$0.40537	\$0.09803	\$0.40537	\$0.09803				
208	Metered Demand per day per kW On-Peak Backup	kW			-	\$0.50234	\$0.39640	\$0.50234	\$0.39640				
209	Energy - On-Peak	kWh			-	\$0.03549	\$0.02988	\$0.03677	\$0.03115				
210	Energy - Shoulder	kWh			-	\$0.02713	\$0.02675	\$0.02841	\$0.02802				
211	Energy - Off-Peak	kWh			-	\$0.01822	\$0.01906	\$0.01950	\$0.02033				
212	Conservation Improvement Program				-								
213	Total:												
214	11.01 Standby Service - Option A: Firm - Transmission Service (Rates 941, 942, 943)												
215	Customer Charge	Bills			12	\$282.08	\$282.08	\$282.08	\$282.08				
216	Facilities Charge per month per kW of Backup	kW	-	-	-	N/A	N/A	N/A	N/A				
217	Reservation Charge per kW of Contracted Backup	kW	-	-	-	\$0.37692	\$0.09113	\$0.37692	\$0.09113				
218	Metered Demand per day per kW On-Peak Backup	kW	-	-	-	\$0.46739	\$0.36341	\$0.46739	\$0.36341				
219	Energy - On-Peak	kWh	-	-	-	\$0.03332	\$0.02781	\$0.03460	\$0.02909				
220	Energy - Shoulder	kWh	-	-	-	\$0.02561	\$0.02504	\$0.02688	\$0.02631				
221	Energy - Off-Peak	kWh	-	-	-	\$0.01733	\$0.01794	\$0.01861	\$0.01921				
222	Conservation Improvement Program				-								
223	Total:												
224	11.01 Standby Service - Option B: Non-Firm - Secondary Service (Rates 956, 957, 958)												
225	Customer Charge	Bills			-	\$215.95	\$215.95	\$215.95	\$215.95				
226	Facilities Charge per month per kW of Backup	kW			-	\$0.76	\$0.76	\$0.76	\$0.76				
227	Energy - On-Peak	kWh			-	N/A	N/A	N/A	N/A				
228	Energy - Shoulder	kWh			-	\$0.02808	\$0.02783	\$0.02935	\$0.02910				
229	Energy - Off-Peak	kWh			-	\$0.01877	\$0.01976	\$0.02004	\$0.02103				
230	Conservation Improvement Program				-								
231	Total:												
232	11.01 Standby Service - Option B: Non-Firm - Primary Service (Rates 953, 954, 955)												
233	Customer Charge	Bills			-	\$282.08	\$282.08	\$282.08	\$282.08				
234	Facilities Charge per month per kW of Backup	kW			-	\$0.57	\$0.57	\$0.57	\$0.57				
235	Energy - On-Peak	kWh			-	N/A	N/A	N/A	N/A				
236	Energy - Shoulder	kWh			-	\$0.02713	\$0.02675	\$0.02841	\$0.02802				
237	Energy - Off-Peak	kWh			-	\$0.01822	\$0.01906	\$0.01950	\$0.02033				

Proposed vs Step Increase Operating Revenue Detailed Comparison - by Rate Schedule and Billing Units

Line No.	Charge	Units	Billing Units			Proposed Rate		Step Increase Rate		Proposed Operating Revenues Annual	Step Increase Annual	Proposed Step Increase Operating Revenues Annual	Pct Inc. Annual
			Summer	Winter	Annual	Summer	Winter	Summer	Winter				
238	Conservation Improvement Program				-								
239	Total:												
240	11.01 Standby Service - Option B: Non-Firm - Transmission Service (Rates 950, 951, 952)												
241	Customer Charge	Bills			-	\$282.08	\$282.08	\$282.08	\$282.08				
242	Facilities Charge per month per kW of Backup	kW			-	N/A	N/A	N/A	N/A				
243	Energy - On-Peak	kWh			-	N/A	N/A	N/A	N/A				
244	Energy - Shoulder	kWh			-	\$0.02561	\$0.02504	\$0.02688	\$0.02631				
245	Energy - Off-Peak	kWh			-	\$0.01733	\$0.01794	\$0.01861	\$0.01921				
246	Conservation Improvement Program				-								
247	Total:												
248													
249													
250	11.02 Irrigation Service - Option 1: Non-Time-of-Use (Rate 703)												
251	Customer Charge	Bills			63	\$12.00	\$12.00	\$12.00	\$12.00	\$ 756	\$ -	\$ -	756
252	Energy	kWh	213,281	(39,085)	174,196	\$0.05567	\$0.03960	\$0.05771	\$0.04164	\$ 10,326	\$ 355	\$ 10,680	
253	18% Return of Distribution Facilities				-					\$ 2,575	\$ -	\$ 2,575	
254	Total Base Revenue:									\$ 13,657	\$ 355	\$ 14,011	
255													
256	11.02 Irrigation Service - Option 2 (Rates 704, 705, 706)												
257	Customer Charge	Bills			42	\$18.00	\$18.00	\$18.00	\$18.00	\$ 756	\$ -	\$ 756	
258	Energy - Declared-Peak	kWh	898	(5)	893	\$0.28829	\$0.28247	\$0.29033	\$0.28451	\$ 257	\$ 2	\$ 259	
259	Energy - Intermediate	kWh	18,606	(693)	17,913	\$0.06908	\$0.04032	\$0.07111	\$0.04236	\$ 1,257	\$ 36	\$ 1,294	
260	Energy - Off-Peak	kWh	21,428	(623)	20,805	\$0.02685	\$0.02935	\$0.02888	\$0.03138	\$ 557	\$ 42	\$ 599	
261	Demand per kW - Declared-Peak	kW	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$ -	\$ -	\$ -	
262	Demand per kW - Intermediate	kW	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$ -	\$ -	\$ -	
263	Demand per kW - Off-Peak	kW	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$ -	\$ -	\$ -	
264	18% Return of Distribution Facilities				-					\$ 2,691	\$ -	\$ 2,691	
265	Total Base Revenue:									\$ 5,518	\$ 81	\$ 5,599	
266													
267	<i>Riders staying outside of the Base Rate</i>												
268	EEP Cost Recovery Rider	kWh			213,807					\$ 228	\$ -	\$ 228	
269	Transmission Cost Recovery Rider	kWh			213,807					\$ 1,101	\$ -	\$ 1,101	
270	Environmental Cost Recovery Rider	kWh			213,807					\$ (14)	\$ -	\$ (14)	
271	COE	kWh			213,807					\$ 4,846	\$ -	\$ 4,846	
272	Totals:									\$ 6,163	\$ -	\$ 6,163	
273	Step In factor:				213,807			\$ 0.00204	\$ 0.00204				
274	Total Base Revenue for the COSS Class:									\$ 19,175	\$ 435	\$ 19,610	
275	Total Adjustments for the COSS Class:									\$ 6,163	\$ -	\$ 6,163	
276	Total for the COSS Class:									\$ 25,338	\$ 435	\$ 25,773	1.72%
277													
278													
279	11.03 Outdoor Lighting - Metered - Energy Only (Rate 748)												
280	Customer Charge	Bills			467	\$2.50	\$2.50	\$2.50	\$2.50	\$ 1,168	\$ -	\$ 1,168	
281	Energy	kWh			214,103	\$0.04144	\$0.04144	\$0.04233	\$0.04233	\$ 8,873	\$ -	\$ 8,873	

Proposed vs Step Increase Operating Revenue Detailed Comparison - by Rate Schedule and Billing Units

Line No.	Charge	Units	Billing Units			Proposed Rate		Step Increase Rate		Proposed Operating Revenues Annual	Step Increase Annual	Proposed Step Increase Operating Revenues Annual	Pct Inc. Annual
			Summer	Winter	Annual	Summer	Winter	Summer	Winter				
282	Total Base Revenue:								\$ 10,040	\$ 610	\$ 10,651		
283													
284	11.03 Outdoor Lighting - Non-Metered - Energy Only (Rate 749)												
285		kWh			596,575	\$0.04144	\$0.04144	\$0.04233	\$0.04233				
286	Monthly charge for connected KW	kW			146	\$14.16	\$14.16	\$14.16	\$14.16	\$ -	\$ -		
287	Total Base Revenue:								\$ 24,724	\$ 1,701	\$ 26,424		
288													
289	Non Standard Ligting								\$ 1,944	\$ -	\$ 1,944		
290		kWh			46,901	\$0.04144	\$0.04144	\$0.04233	\$0.04233	\$ -	\$ -		
291	Total Base Revenue:								\$ 36,707.84	\$ -	\$ 36,707.84		
292													
293	11.04 Outdoor Lighting - Street & Area Lighting (Rate 741)												
294	Type:		kWh/t	Annual Kwh	Quantity								
295	MV-6	Lts	70	394,681	5,638	\$ 7.50	\$7.50	\$ 7.65	\$7.65				
296	MV-6PT	Lts	70	6,544	93	\$ 10.77	\$10.77	\$ 11.00	\$11.00				
297	MV-11	Lts	100	-	-	\$ 13.57	\$13.57	\$ 13.85	\$13.85				
298	MV-21	Lts	154	9,245	60	\$ 17.97	\$17.97	\$ 18.34	\$18.34				
299	MV-35	Lts	260	-	-	\$ 26.42	\$26.42	\$ 26.97	\$26.97				
300	MV-55	Lts	366	-	-	\$ 33.80	\$33.80	\$ 34.50	\$34.50				
301	MA-8	Lts	41	19,298	471	\$ 8.49	\$8.49	\$ 8.67	\$8.67				
302	MA-8PT	Lts	41	-	-	\$ 14.46	\$14.46	\$ 14.76	\$14.76				
303	MA-14	Lts	70	-	-	\$ 16.18	\$16.18	\$ 16.51	\$16.51				
304	MA-20	Lts	98	2,359	24	\$ 18.52	\$18.52	\$ 18.90	\$18.90				
305	MA-36	Lts	156	-	-	\$ 18.33	\$18.33	\$ 18.71	\$18.71				
306	MA-110	Lts	369	8,891	24	\$ 39.25	\$39.25	\$ 40.06	\$40.06				
307	HPS-9	Lts	44	1,651,567	37,536	\$ 8.21	\$8.21	\$ 8.38	\$8.38				
308	HPS-9PT	Lts	44	18,407	418	\$ 9.97	\$9.97	\$ 10.17	\$10.17				
309	HPS-14	Lts	64	136,128	2,127	\$ 12.61	\$12.61	\$ 12.87	\$12.87				
310	HPS-14PT	Lts	64	8,388	131	\$ 12.81	\$12.81	\$ 13.08	\$13.08				
311	HPS-19	Lts	83	8,917	107	\$ 14.53	\$14.53	\$ 14.83	\$14.83				
312	HPS-23	Lts	102	146,274	1,434	\$ 16.54	\$16.54	\$ 16.89	\$16.89				
313	HPS-44	Lts	156	298,165	1,911	\$ 20.47	\$20.47	\$ 20.90	\$20.90				
314													
315	UNDERGROUND SERVICE:	Lts	-	-	-	\$ 2.15	\$2.15	\$ 2.15	\$2.15				
316	Seasonal Charge					\$32.79	\$32.79	\$32.79	\$32.79				
317	Total Base Revenue:								\$ 455,167	\$ 7,722	\$ 462,889		
318					2,708,864	49,975							

Proposed vs Step Increase Operating Revenue Detailed Comparison - by Rate Schedule and Billing Units

Line No.	Charge	Units	Billing Units			Proposed Rate		Step Increase Rate		Proposed Operating Revenues Annual	Step Increase Annual	Proposed Step Increase Operating Revenues Annual	Pct Inc. Annual			
			Summer	Winter	Annual	Summer	Winter	Summer	Winter							
357	11.06 Civil Defense - Fire Sirens (Rate 843)															
358	Customer Charge	Bills			-	\$2.50	\$2.50	\$2.50	\$2.50							
359	Load Charge	HP			47	\$0.61978	\$0.61978	\$0.61978	\$0.61978							
360										\$	1,537	\$	-	\$	1,537	
	Total Base Revenue:															
361	<i>Riders staying outside of the Base Rate</i>															
362	EEP Cost Recovery Rider	kWh			3,987,113					\$	4,252	\$	4,252			
363	Transmission Cost Recovery Rider	kWh			3,987,113					\$	21,792	\$	21,792			
364	Environmental Cost Recovery Rider	kWh			3,987,113					\$	(271)	\$	(271)			
365	COE	kWh			3,987,113					\$	96,951	\$	96,951			
366										\$	122,724	\$	-	\$	122,724	
367																
	Step In factor:				3,987,113			\$ 0.00142	\$ 0.00142							
368	Total Base Revenue for the COSS Class:									\$	206,664	\$	5,657	\$	212,321	
369	Total Adjustments for the COSS Class:									\$	122,724	\$	-	\$	122,724	
370	Total for the COSS Class:									\$	329,388	\$	5,657	\$	335,045	1.72%
371																
372																
373	14.01 Water Heating - Controlled Service (Rate 191)															
374	Customer Charge	Bills			25,492	\$4.00	\$4.00	\$4.00	\$4.00	\$	101,968	\$	-	\$	101,968	
375	Facilities Charge	Bills			25,492	\$2.00	\$2.00	\$2.00	\$2.00	\$	50,984	\$	-	\$	50,984	
376	Energy - All kWh	kWh	1,481,730	3,554,173	5,035,904	\$0.02762	\$0.02371	\$0.02902	\$0.02511	\$	125,197	\$	7,045	\$	132,242	
377										\$	(13,576)	\$	(13,576)			
378	Total Credits:				1,697					\$	(13,576)	\$	(13,576)			
379	Total Base Revenue:									\$	278,149	\$	7,045	\$	285,194	
380	<i>Riders staying outside of the Base Rate</i>															
381	EEP Cost Recovery Rider	kWh			5,035,904					\$	5,418	\$	5,418			
382	Transmission Cost Recovery Rider	kWh			5,035,904					\$	3,718	\$	3,718			
383	Environmental Cost Recovery Rider	kWh			5,035,904					\$	(346)	\$	(346)			
384	COE	kWh			5,035,904					\$	123,257	\$	123,257			
385										\$	132,048	\$	-	\$	132,048	
386																
	Step In factor:				5,035,904			\$ 0.00140	\$ 0.00140							
387	Total Base Revenue for the COSS Class:									\$	278,149	\$	7,045	\$	285,194	
388	Total Adjustments for the COSS Class:									\$	132,048	\$	-	\$	132,048	
389	Total for the COSS Class:									\$	410,196	\$	7,045	\$	417,242	1.72%

Proposed vs Step Increase Operating Revenue Detailed Comparison - by Rate Schedule and Billing Units

Line No.	Charge	Units	Billing Units			Proposed Rate		Step Increase Rate		Proposed Operating Revenues Annual	Step Increase Annual	Proposed Step Increase Operating Revenues Annual	Pct Inc. Annual
			Summer	Winter	Annual	Summer	Winter	Summer	Winter				
429	14.05 Controlled Service - Interruptible Load Rider Self-Contained Metering (Rates 190, 185, 882)												
430	Customer Charge	Bills			-	\$10.00	\$10.00	\$10.00	\$10.00	\$ 120,000	\$ -	\$ 120,000	
431	Facilities Charge	Bills			12,000	\$9.50	\$9.50	\$9.50	\$9.50	\$ 114,000	\$ -	\$ 114,000	
432	Energy - All kWh	kWh	1,841,040	13,187,842	15,028,882	\$0.01456	\$0.01220	\$0.01542	\$0.01306	\$ 187,642	\$ 13,004	\$ 200,646	
433	Penalty kWh	kWh	-	-	-	\$0.26749	\$0.17205	\$0.26835	\$0.17292	\$ -	\$ -	\$ -	
434	Total Base Revenue:									\$ 421,642	\$ 13,005	\$ 434,647	
435													
436	Riders staying outside of the Base Rate												
437	EEP Cost Recovery Rider	kWh			21,396,210					\$ 21,316	\$ -	\$ 21,316	
438	Transmission Cost Recovery Rider	kWh			21,396,210					\$ 14,862	\$ -	\$ 14,862	
439	Environmental Cost Recovery Rider	kWh			21,396,210					\$ (1,389)	\$ -	\$ (1,389)	
440	COE	kWh			21,396,210					\$ 510,209	\$ -	\$ 510,209	
441	Totals:									\$ 544,998	\$ -	\$ 544,998	
442	Step In factor:				21,396,210			\$ 0.00087	\$ 0.00087		\$ -	\$ -	
443	Total Base Revenue for the COSS Class:									\$ 532,922	\$ 18,514	\$ 551,436	
444	Total Adjustments for the COSS Class:									\$ 544,998	\$ -	\$ 544,998	
445	Total for the COSS Class:									\$ 1,077,920	\$ 18,515	\$ 1,096,433	1.72%
446													
447													
448													
449	14.06 Controlled Service - Deferred Load Rider (Rates 197, 195, 883)												
450	Customer Charge	Bills			2,318	\$8.50	\$8.50	\$8.50	\$8.50	\$ 19,703	\$ -	\$ 19,703	
451	Facilities Charge	Bills			2,318	\$11.00	\$11.00	\$11.00	\$11.00	\$ 25,498	\$ -	\$ 25,498	
452	Energy - All kWh	kWh	461,706	4,675,625	5,137,331	\$0.02646	\$0.02411	\$0.02646	\$0.02411	\$ 124,934	\$ 4,755	\$ 124,934	
453	Penalty kWh	kWh	-	-	-	\$0.26749	\$0.17205	\$0.26749	\$0.17205	\$ -	\$ -	\$ -	
454	Total Base Revenue:									\$ 170,135	\$ 4,755	\$ 170,136	
455													
456	14.07 Fixed Time of Service Rider - Self-Contained Metering (Rates 301, 884)												
457	Customer Charge	Bills	342	687	1,029	\$6.70	\$6.70	\$6.70	\$6.70	\$ 6,894	\$ -	\$ 6,894	
458	Facilities Charge	Bills	342	687	1,029	\$6.00	\$6.00	\$6.00	\$6.00	\$ 6,174	\$ -	\$ 6,174	
459	Energy - All kWh	kWh	28,300	1,585,013	1,613,313	\$0.01093	\$0.01145	\$0.01093	\$0.01145	\$ 18,453	\$ 1,493	\$ 18,453	
460	Penalty kWh	kWh	5,557	37,920	-	\$0.06081	\$0.04761	\$0.06081	\$0.04761	\$ -	\$ -	\$ -	
461	Total Base Revenue:									\$ 31,522	\$ 1,493	\$ 31,522	
462													
463	14.07 Fixed Time of Service Rider - CT Metering (Rates 302, 885)												
464	Customer Charge	Bills	56	112	168	\$6.70	\$6.70	\$6.70	\$6.70	\$ 1,126	\$ -	\$ 1,126	
465	Facilities Charge	Bills	56	112	168	\$32.00	\$32.00	\$32.00	\$32.00	\$ 5,376	\$ -	\$ 5,376	
466	Energy - All kWh	kWh	78,692	698,709	777,401	\$0.01093	\$0.01145	\$0.01186	\$0.01237	\$ 8,858	\$ 774	\$ 8,858	
467	Penalty kWh	kWh	9,100	50,217	59,316	\$0.06081	\$0.04761	\$0.06081	\$0.04761	\$ -	\$ -	\$ -	
468	Total Base Revenue:									\$ 15,360	\$ 774	\$ 15,361	

Proposed vs Step Increase Operating Revenue Detailed Comparison - by Rate Schedule and Billing Units

Line No.	Charge	Units	Billing Units			Proposed Rate		Step Increase Rate		Proposed Operating Revenues Annual	Step Increase Annual	Proposed Step Increase Operating Revenues Annual	Pct Inc. Annual
			Summer	Winter	Annual	Summer	Winter	Summer	Winter				
469	14.07 Fixed Time of Service Rider - Primary CT Metering (Rates 303, 886)												
470	Customer Charge	Bills			-	\$6.70	\$6.70	\$6.70	\$6.70				
471	Facilities Charge	Bills			-	\$16.00	\$16.00	\$16.00	\$16.00				
472	Energy - All kWh	kWh			-	\$0.01089	\$0.01140	\$0.01089	\$0.01140				
473	Penalty kWh	kWh			-	\$0.06081	\$0.04761	\$0.06081	\$0.04761				
474													
475	<i>Riders staying outside of the Base Rate</i>												
476	EEP Cost Recovery Rider	kWh			7,587,362					\$ 7,326	\$ 7,326		
477	Transmission Cost Recovery Rider	kWh			7,587,362					\$ 5,122	\$ 5,122		
478	Environmental Cost Recovery Rider	kWh			7,587,362					\$ (480)	\$ (480)		
479	COE	kWh			7,587,362					\$ 179,875	\$ 179,875		
480										\$ 191,843	\$ -	\$ 191,843	
481								\$ 0.00093	\$ 0.00093				
482					7,587,362					\$ 217,017	\$ 7,022	\$ 224,039	
483										\$ 191,843	\$ -	\$ 191,843	
484										\$ 408,859	\$ 7,022	\$ 415,882	1.72%
485													
486													
487													
488										\$ 24,534,747	\$ 629,108	\$ 25,163,855	
489										\$ 12,093,378	\$ -	\$ 12,093,378	
490										\$ 36,628,125	\$ 629,108	\$ 37,257,233	1.72%