

**Otter Tail Corporation
South Dakota Electric
Revenue Increase**

Line No.	CUSTOMER CLASSIFICATION	Average No. of Meters (A)	kWh SALES ANNUAL (B)	TEST YEAR REVENUE (C)	PROPOSED REVENUE (D)	INCREASE (E)	PERCENT INCREASE (F)
1	<u>Residential</u>						
2	Residential Service	8,425	85,630,309	\$ 6,978,473	\$ 7,741,103	\$ 762,630	10.93%
3	Residential Demand Control	474	11,438,448	688,012	805,372	117,360	17.06%
4							
5	<u>Farm Service</u>	369	8,083,179	584,352	651,500	67,148	11.49%
6							
7	<u>Small Commercial</u>						
8	General Service < 20 kW	1,704	15,943,981	1,462,273	1,560,694	98,421	6.73%
9	Commercial Demand Control < 20 kW	2	62,832	3,968	5,396	1,428	35.97%
10	Electric Climate Control < 20 kW	18	289,107	23,124	26,342	3,218	13.92%
11	General Service >= 20 kW	548	62,709,014	4,628,954	5,053,857	424,903	9.18%
12	Commercial Demand Control >= 20 kW	2	1,483,569	77,350	114,382	37,031	47.87%
13	Electric Climate Control >= 20 kW	52	4,952,708	344,637	407,019	62,382	18.10%
14							
15	<u>Large Commercial</u>						
16	Large General Service	33	156,513,727	8,298,682	9,251,032	952,350	11.48%
17							
18	<u>Irrigation Services</u>						
19	Irrigation Option #1	5	323,857	20,497	22,992	2,495	12.17%
20	Irrigation Option #2	4	42,496	3,408	4,025	617	18.09%
21							
22	<u>Outdoor Lighting</u>						
23	Outdoor Lighting - Energy Only	5	454,792	26,435	30,482	4,047	15.31%
24	Outdoor Lighting Non-Metered		4,040,348	498,645	575,052	76,407	15.32%
25							
26	<u>Other Public Authorities</u>						
27	Municipal Pumping Service	116	3,843,786	212,456	240,915	28,459	13.40%
28	Civil Defense - Fire Sirens	19	35	709	804	95	13.37%
29							
30	<u>Water Heating, Controlled</u>	2,549	6,662,552	359,535	450,355	90,820	25.26%
31							
32	<u>Interruptible Loads</u>						
33	Interruptible Load CT Metering	52	8,260,875	208,614	290,955	82,342	39.47%
34	Interruptible Load Self Contained Metering	759	10,504,222	358,937	472,666	113,729	31.69%
35	Bulk Interruptible Load	1	9,313,503	389,804	413,660	23,856	6.12%
36							
37	<u>Heat Storage</u>						
38	Deferred Load Controlled Service	138	3,735,008	168,528	185,643	17,115	10.16%
39	Fix Time of Delivery Service	37	1,295,445	38,379	43,435	5,056	13.17%
40	TOTAL			<u>\$ 25,375,773</u>	<u>\$ 28,347,681</u>	<u>\$ 2,971,908</u>	

**Otter Tail Company
South Dakota Electric
Residential Service**

Exhibit___(JPT-4)
Schedule 2-1
Page 1 of 1

Line No.	RESIDENTIAL SERVICE	BILLING DETERMINANTS (A)	PRESENT RATES (B)	PRESENT REVENUE (C)	PROPOSED RATES (D)	PROPOSED REVENUE (E)
1	<u>9.01 Residential Service</u>					
2	Minimum Zone 1	94,937 Bills	\$ 5.80	\$ 550,635		
3	Minimum Zone 9	3,822 Bills	6.55	25,034		
4	Seasonal Customer Charge	2,337 Bills	6.55	15,307		
5	Seasonal Charge	200 Cust	2.00	400	28.00	\$ 5,600
6	Direct Control Water Heating Credit	1,426 Bills	(3.00)	(4,278)	(4.00)	(5,704)
7	TailWinds Revenue	117,805 kWh	0.01600	1,885	0.01300	1,531
8	First 200 kWh	18,357,095 kWh	0.07579	1,391,284		
9	Next 800 kWh	45,349,035 kWh	0.06453	2,926,373		
10	Excess kWh	21,449,451 kWh	0.05129	1,100,142		
11	Unbilled kWh	474,728		(21,798)		
12	Cost of Energy Adjustment	85,512,504 kWh	0.01162	993,488		
13	Customer Charge	101,096 Bills			7.00	707,672
14	First 500 Energy (June - Sept.)	13,808,131 kWh			0.09024	1,246,046
15	Excess Energy (June - Sept.)	12,622,886 kWh			0.07799	984,459
16	First 500 Energy (Oct. - May)	27,280,273 kWh			0.08713	2,376,930
17	Excess Energy (Oct. - May)	31,919,019 kWh			0.07596	2,424,569
18	TOTAL:			<u>\$ 6,978,473</u>		<u>\$ 7,741,103</u>
19						
20						
21	<u>9.02 Residential Service - Demand Control</u>					
22	Customer Charge	5,687 Bills	10.55	\$ 59,998	12.00	\$ 68,244
23	TailWinds Revenue	8,400 kWh	0.01600	134	0.01300	109
24	All kWh	11,375,034 kWh	0.03265	371,395		
25	All kW (Nov. - Apr.)	14,817 kWh	6.00	88,902		
26	All kW (May - Oct.)	14,817 kWh	3.00	44,451		
27	Unbilled kWh	63,414		(2,912)		
28	Cost of Energy Adjustment	11,430,048		126,044		
29	All kWh (June - Sept.)	2,382,001 kWh			0.05253	125,127
30	All kWh (Oct. - May)	9,056,447 kWh			0.05303	480,263
31	All kW (June - Sept.)	9,766 kWh			4.71	45,998
32	All kW (Oct. - May)	19,868 kWh			4.31	85,631
33	TOTAL:			<u>\$ 688,012</u>		<u>\$ 805,372</u>

**Otter Tail Company
South Dakota Electric
Farm Service**

Exhibit___(JPT-4)
Schedule 2-2
Page 1 of 1

Line No.	FARM SERVICE	BILLING DETERMINANTS (A)	PRESENT RATES (B)	PRESENT REVENUE (C)	PROPOSED RATES (D)	PROPOSED REVENUE (E)
9.03 Farm Service						
1	Customer Charge	4,430 Bills	\$ 7.70	\$ 34,111	\$ 8.00	\$ 35,440
2	Additional Minimum Bill Revenues	\$.80 per additional kva over 25 kva		7,531		
3	TailWinds Revenue	4,800 kWh	0.01600	77	0.01300	62
4	Direct Control Water Heating Credit	281 Bills	(3.00)	(843)	(4.00)	(1,124)
5	First 1,600 kWh	4,197,390 kWh	0.06150	258,139		
6	Excess kWh	3,914,628 kWh	0.04995	195,536		
7	Unbilled kWh	-28,839		(1,627)		
8	Cost of Energy Adjustment	8,078,379 kWh		91,428		
9	Three Phase					
10	Overhead <= 25 kVA	175 kVA			3.85	674
11	Overhead > 25 kVA	374 kVA			4.49	1,679
12	First 1,600 kWh (June - Sept.)	1,302,955 kWh			0.08026	104,575
13	Excess (June - Sept.)	931,013 kWh			0.07449	69,351
14	First 1,600 kWh (Oct. - May)	2,894,435 kWh			0.07803	225,853
15	Excess (Oct. - May)	2,954,776 kWh			0.07276	214,990
16	TOTAL			<u>\$ 584,352</u>		<u>\$ 651,500</u>

Otter Tail Company
South Dakota Electric
Small Commercial Service

Line No.	SMALL COMMERCIAL SERVICE	BILLING DETERMINANTS (A)	PRESENT RATES (B)	PRESENT REVENUE (C)	PROPOSED RATES (D)	PROPOSED REVENUE (E)
<u>10.01 General Service < 20 kW</u>						
1	Minimum Zone 1	19,679 Bills	\$ 6.00	\$ 118,074		
2	Minimum Zone 9	764 Bills	7.20	5,501		
3	Additional Minimum Revenues	9,902 kW	2.15	21,289		
4	Direct Control Water Heating Credit	42 Bills	(3.00)	(126)	\$ (4.00)	\$ (168)
5	TailWinds Revenue	78,000 kWh	0.01600	1,248	0.01300	1,014
6	Secondary First 1,000 kWh	8,820,623 kWh	0.08275	729,907		
7	Secondary Next 1,000 kWh	2,994,302 kWh	0.07141	213,823		
8	Secondary Excess kWh	1,026,451 kWh	0.05237	53,755		
9	Secondary kWh in excess of 200 kWh per kW	3,067,086 kWh	0.04268	130,903		
10	Primary 1,000 kWh	21,250 kWh	0.07861	1,670		
11	Primary Next 1,000 kWh	13,600 kWh	0.06784	923		
12	Primary Excess kWh	8,360 kWh	0.04975	416		
13	Primary Energy over 200 x kW	19,940 kWh	0.04055	809		
14	Unbilled kWh	-27,631 kWh		(3,996)		
15	Cost of Energy Adjustment	15,865,981 kWh		188,077		
16	Customer Charge	20,443 Bills			12.00	245,316
17	First 2,000 Energy Secondary (June-Sept.)	4,049,765 kWh			0.09081	367,759
18	Excess Energy Secondary (June-Sept.)	1,215,975 kWh			0.07562	91,952
19	First 2000 Energy Secondary (Oct.-May)	8,671,443 kWh			0.08284	718,342
20	Excess Energy Secondary (Oct.-May)	1,943,659 kWh			0.06765	131,489
21	First 2000 Energy Primary (June-Sept.)	10,387 kWh			0.09041	939
22	Excess Energy Primary (June-Sept.)	5,513 kWh			0.07528	415
23	First 2000 Energy Primary (Oct.-May)	29,987 kWh			0.08247	2,473
24	Excess Energy Primary (Oct.-May)	17,263 kWh			0.06735	1,163
25	TOTAL:			\$ 1,462,273		\$ 1,560,694
26						
<u>CANCELED General Service - Controlled Demand < 20 kW (Migrate to 10.01)</u>						
28	Facilities Charge	24 Bills	\$ 15.60	\$ 374		
29	TailWinds Revenue	- kWh	0.01600	-		
30	All kWh	62,941 kWh	0.03850	2,423		
31	On-Peak kW (Nov. - Apr.)	- kW	8.35	-		
32	Off-Peak kW (Nov. - Apr.)	141 kW	1.05	148		
33	On-Peak kW (May - Oct.)	- kW	6.35	-		
34	Off-Peak kW (May - Oct.)	74 kW	1.05	78		
35	Unbilled kWh	-109		(16)		
36	Cost of Energy Adjustment	62,832		961		
37	Customer Charge	24 Bills			\$ 12.00	\$ 288
38	First 2,000 (June-Sept.)	15,572 kWh			0.09081	1,414
39	Excess (June-Sept.)	2,444 kWh			0.07562	185
40	First 2,000 (Oct.-May)	31,369 kWh			0.08284	2,599
41	Excess (Oct.-May)	13,447 kWh			0.06765	910
42	TOTAL:			\$ 3,968		\$ 5,396
43						
<u>CANCELED Electric Climate Control < 20 kW (Migrate to 10.01)</u>						
45	Customer Charge	216 Bills	\$ 6.55	\$ 1,415	\$ 12.00	\$ 2,592
46	Heating, Air Conditioning, Cooking kWhs	206,467 kWh	0.05024	10,373		
47	First 1,000 kWh	43,818 kWh	0.10524	4,611		
48	Next 1,000 kWh	15,797 kWh	0.09177	1,450		
49	Excess	12,464 kWh	0.06369	794		
50	Sec. kWh in excess of 200 kWh per kW	11,063 kWh	0.04858	537		
51	Unbilled kWh	-501 kWh		(72)		
52	MISO Adjustment			811		
53	Cost of Energy Adjustment	289,107 kWh		3,205		
54	First 2,000 (June-Sept.)	55,350 kWh			0.09081	5,026
55	Excess (June-Sept.)	4,696 kWh			0.07562	355
56	First 2,000 (Oct.-May)	189,109 kWh			0.08284	15,666
57	Excess (Oct.-May)	39,952 kWh			0.06765	2,703
58	TOTAL:			\$ 23,124		26,342
59						

**Otter Tail Company
South Dakota Electric
Small Commercial Service**

Exhibit __ (JPT-4)
Schedule 2-3
Page 2 of 2

Line No.	SMALL COMMERCIAL SERVICE	BILLING DETERMINANTS (A)	PRESENT RATES (B)	PRESENT REVENUE (C)	PROPOSED RATES (D)	PROPOSED REVENUE (E)
60	<u>10.02 General Service >= 20 kW</u>					
61	Minimum Zone 1	6,272 Bills	\$ 6.00	\$ 37,632		
62	Minimum Zone 9	308 Bills	7.20	2,218		
63	Additional Minimum Reserves	180,040 kW	2.15	387,086		
64	TailWinds Revenue	- kWh	0.01600	-		
65	Direct Control Water Heating Credit	24 Bills	(3.00)	(72)	\$ (4.00)	\$ (96)
66	Secondary First 1,000 kWh	9,052,977 kWh	0.08275	749,134		
67	Secondary Next 1,000 kWh	5,337,309 kWh	0.07141	381,137		
68	Secondary Excess kWh	28,236,369 kWh	0.05237	1,478,739		
69	Secondary kWh in excess of 200 kWh per kW	17,853,034 kWh	0.04268	761,967		
70	Primary 1,000 kWh	36,000 kWh	0.07861	2,830		
71	Primary Next 1,000 kWh	36,000 kWh	0.06784	2,442		
72	Primary Excess kWh	2,214,960 kWh	0.04975	110,194		
73	Primary Energy over 200 x kW	51,040 kWh	0.04055	2,070		
74	Unbilled kWh	-108,675 kWh		(15,375)		
75	Cost of Energy Adjustment	62,709,014 kWh		728,952		
76	Customer Charge	6,580			10.00	65,800
77	Secondary Facilities Charge	400,427			0.52	208,222
78	Energy Secondary (June - Sept.)	19,215,220			0.08090	1,554,511
79	Energy Secondary (Oct.- May)	41,155,794			0.07380	3,037,298
80	Primary Facilities Charge	26,385			0.38	10,026
81	Energy Primary (June - Sept.)	900,400			0.08054	72,518
82	Energy Primary (Oct. - May)	1,437,600			0.07344	105,577
83	TOTAL:			\$ 4,628,954		\$ 5,053,857
84						
85	<u>CANCELED General Service - Controlled Demand >= 20 kW (Migrate to 10.02)</u>					
86	Facilities Charge	15 Bills	\$ 15.60	\$ 234		
87	TailWinds Revenue	- kWh	0.01600	-		
88	All kWh	1,486,140 kWh	0.03850	57,216		
89	On-Peak kW (Nov. - Apr.)	1 kW	8.35	8		
90	Off-Peak kW (Nov. - Apr.)	1,560 kW	1.05	1,638		
91	On-Peak kW (May - Oct.)	- kW	6.35	-		
92	Off-Peak kW (May - Oct.)	1,415 kW	1.05	1,486		
93	Unbilled kWh	-2,571		(372)		
94	Cost of Energy Adjustment	1,483,569		17,140		
95	Customer Charge	15 Bills			\$ 10.00	\$ 150
96	Facilities Charge	2,714 kW			0.52	1,411
97	Energy Secondary (June - Sept.)	469,426 kWh			0.08090	37,977
98	Energy Secondary (Oct.- May)	1,014,142 kWh			0.07380	74,844
99	TOTAL:			\$ 77,350		\$ 114,382
100						
101	<u>CANCELED Electric Climate Control < 20 kW (Migrate to 10.02)</u>					
102	Minimum Zone 1	624 Bills	\$ 6.55	\$ 4,087		
103	TailWinds Revenue	- kWh	0.01600	-		
104	Heating, Air Conditioning, Cooking kWhs	3,339,147 kWh	0.05024	167,759		
105	First 1,000 kWh	310,366 kWh	0.10524	32,663		
106	Next 1,000 kWh	206,406 kWh	0.09177	18,942		
107	Excess	876,660 kWh	0.06369	55,834		
108	Sec. kWh in excess of 200 kWh per kW	228,713 kWh	0.04868	11,134		
109	Unbilled kWh	-8,583 kWh		(1,241)		
110	Cost of Energy Adjustment	4,952,708 kWh		55,459		
111	Customer Charge	624 Bills			\$ 10.00	\$ 6,240
112	Facilities Charge	52,317 kW			0.52	27,205
113	Energy Secondary (June - Sept.)	1,135,865 kWh			0.08090	91,891
114	Energy Secondary (Oct.- May)	3,816,843 kWh			0.07380	281,683
115	TOTAL:			\$ 344,637		\$ 407,019

**Otter Tail Company
South Dakota Electric
Large Commercial Service**

Line No.	LARGE COMMERCIAL SERVICE	BILLING DETERMINANTS (A)	PRESENT RATES (B)	PRESENT REVENUE (C)	PROPOSED RATES (D)	PROPOSED REVENUE (E)
<u>10.03 Large General Service</u>						
1	Customer Charge	397 Bills	\$ 25.50	\$ 10,124		
2	Secondary Energy Over 360 per kW	57,189,404 kWh	0.02498	1,428,591		
3	Secondary Excess kWh	94,409,183 kWh	0.03415	3,224,074		
4	Secondary First 100 kW of Demand	33,509 kW	7.05	236,238		
5	Secondary Excess kW of Demand	234,786 kW	5.15	1,209,148		
6	Primary Energy over 360 per kW	- kWh	0.02449	-		
7	Primary Excess kWh	6,222,979 kWh	0.03362	209,217		
8	Primary First 100 kW of Demand	3,600 kW	6.75	24,300		
9	Primary Excess kW of Demand	19,995 kW	4.85	96,976		
10	Unbilled kWh	-1,307,839 kWh		(26,794)		
11	Cost of Energy Adjustment	156,513,727		1,886,809		
12	Secondary					
13	Customer Charge	361 Bills			\$ 40.00	\$ 14,440
14	Facilities Charge < 1000 kW	71,184 kW			0.30	21,355
15	Facilities Charge >= 1000 kW	234,224 kW			0.15	35,134
16	Energy (June - Sept.)	57,929,963 kWh			0.05011	2,902,870
17	Energy (Oct. - May)	92,412,353 kWh			0.05059	4,675,141
18	Demand per kW (June - Sept.)	101,275 kW			7.06	715,002
19	Demand per kW (Oct. - May)	167,020 kW			2.85	476,007
20	Primary					
21	Customer Charge	36 Bills			40.00	1,440
22	Facilities Charge: All kW	27,994 kW			0.11	3,079
23	Energy (June - Sept.)	1,942,953 kWh			0.04992	96,992
24	Energy (Oct. - May)	4,228,458 kWh			0.05036	212,945
25	Demand per kW (June - Sept.)	7,142 kW			7.01	50,065
26	Demand per kW (Oct. - May)	16,453 kW			2.83	46,562
27	TOTAL:			<u>\$ 8,298,682</u>		<u>\$ 9,251,032</u>

**Otter Tail Company
South Dakota Electric
Irrigation Services**

Line No.	IRRIGATION SERVICES	BILLING DETERMINANTS (A)	PRESENT RATES (B)	PRESENT REVENUE (C)	PROPOSED RATES (D)	PROPOSED REVENUE (E)
<u>11.02 Irrigation Service</u>						
1	Option 1					
2	Load Charge	2,903 HP	\$ 0.45	\$ 1,306		
3	Energy Charge	324,909 kWh	0.03822	12,418		
4	18% Return of Distribution Facilities			2,284		\$ 2,284
5	Unbilled kWh	-1,052		(68)		
6	Cost of Energy Adjustment	323,857		4,557		
7	Customer Charge	57 Bills			\$ 1.00	57
8	Energy Charge (June-Sept.)	239,573 kWh			0.06828	16,358
9	Energy Charge (Oct.-May)	84,284 kWh			0.05093	4,293
10	TOTAL:			\$ 20,497		\$ 22,992
11						
12	Option 2					
13	Off-Peak Energy	30,287 kWh	\$0.02891	\$ 876		
14	Intermediate Peak Energy	11,650 kWh	0.06227	725		
15	On-Peak Energy	697 kWh	0.08785	61		
16	18% Return on Distribution Facilities			720		\$ 720
17	Unbilled kWh	-1,385		(9)		
18	Cost of Energy Adjustment	42,496		1,035		
19	Customer Charge	48 Bills			\$ 5.00	240
20	Energy (June-Sept.) Declared Peak	3,663 kWh			0.19369	709
21	Energy (June-Sept.) Intermediate	26,115 kWh			0.07294	1,905
22	Energy (June-Sept.) Off-Peak	12,705 kWh			0.03542	450
23	Energy (Oct.-May) Declared Peak	- kWh			0.11741	-
24	Energy (Oct.-May) Intermediate	9 kWh			0.06851	1
25	Energy (Oct.-May) Off-Peak	4 kWh			0.03535	-
26	TOTAL:			\$ 3,408		\$ 4,025

**Otter Tail Company
South Dakota Electric
Outdoor Lighting Service**

Line No.	OUTDOOR LIGHTING SERVICES	BILLING DETERMINANTS (A)	PRESENT RATES (B)	PRESENT REVENUE (C)	PROPOSED RATES (D)	PROPOSED REVENUE (E)
11.03 Outdoor Lighting Energy Only						
1	Facilities Charge	61 Bills	\$ 1.40	\$ 85	\$ 2.00	\$ 122
2	Energy	75,149 kWh	0.06177	4,642		
3	Non-metered	946 kW	21.10	19,961	22.19	20,992
4	Non-metered (Sign)	196 kW	17.50	3,430	22.19	4,349
5	Unbilled kWh	2,120		(1,683)		
6	Energy	77,269 kWh			0.06495	5,019
7	TOTAL:			\$ 26,435		\$ 30,482
8						
11.04 Outdoor Lighting Dusk to Dawn						
10	Street and Area Lighting					
11	741 MV-6	12,953	\$ 6.30	\$ 81,604	\$ 7.26	\$ 94,039
12	741 MV-6PT	163	9.05	1,475	10.44	1,702
13	741 MV-11	-	11.40	-	-	-
14	741 MV-21	72	15.10	1,087	17.41	1,254
15	741 MV-35	-	22.20	-	-	-
16	741 MV-55	-	28.40	-	-	-
17	741 MA-8	-	7.14	-	-	-
18	741 MA-14	-	13.59	-	-	-
19	741 MA-20	-	15.57	-	-	-
20	741 MA-36	-	15.40	-	-	-
21	741 MA-110	-	32.98	-	-	-
22	741 HPS-9	29,385	6.90	202,757	7.96	233,905
23	741 HPS-9PT	245	8.37	2,051	9.65	2,364
24	741 HPS-14	-	10.60	-	-	-
25	741 HPS-14PT	2,109	10.76	22,693	12.41	26,173
26	741 HPS-19	84	12.20	1,025	14.07	1,182
27	741 HPS-23	2,397	13.90	33,318	16.03	38,424
28	741 HPS-44	2,175	17.20	37,410	19.83	43,130
29	741 UMV6	12	8.10	97	9.34	112
30	741 UHPS9	-	8.70	-	-	-
31	741 UHPS19	-	14.00	-	-	-
32	741 UHPS23	-	15.70	-	-	-
33	Flood Lighting					
34	743 400MVF	478	15.65	7,481	18.05	8,628
35	743 400MAF	1,677	16.70	28,006	19.26	32,299
36	743 400HPSF	2,166	17.10	37,039	19.72	42,714
37	743 1000MVF	353	27.50	9,708	31.71	11,194
38	743 1000MAF	4	28.90	116	33.32	133
39	Closed Non-Standard Lighting Facilities					
40	0741 HPS9CIP	3,668		23,108		26,646
41	0741 MV6SM	11		119		138
42	0741 MH110	192		6,332		7,301
43	0741 MH36	24		370		426
44	0741 SIGN	36		380		438
45	0741 CABLETV	60		1,080		1,245
46	0741 EGYONLY	42		80		92
47	0741 INCAND	112		289		333
48	0741 PHBOOTH	12		85		98
49	0743 U4CHPSF	36		680		785
50	0743 HPS44	12		206		238
51	0743 HPS9	12		51		59
52	TOTAL:			\$ 498,645		\$ 575,052

Otter Tail Company
South Dakota Electric
Other Public Authorities Services

Line No.	OTHER PUBLIC AUTHORITIES SERVICES	BILLING DETERMINANTS (A)	PRESENT RATES (B)	PRESENT REVENUE (C)	PROPOSED RATES (D)	PROPOSED REVENUE (E)
<u>11.05 Municipal Pumping</u>						
1	Monthly Minimum	292 Bills	\$ 3.60	\$ 1,051		
2	Energy first 2500 kWh	971,730 kWh	0.06232	60,558		
3	Next 1500 kWh	241,515 kWh	0.04584	11,071		
4	Excess kWh	2,604,383 kWh	0.03646	94,956		
5	Unbilled kWh	26,158 kWh		(687)		
6	Cost of Energy Adjustment	3,843,786 kWh		45,507		
7	Secondary					
8	Customer Charge	1,389 Bills			\$ 2.00	\$ 2,778
9	Facilities Charge	1,389 Bills			4.00	5,556
10	All kWh (June - Sept.)	1,230,322 kWh			0.06435	79,171
11	All kWh (Oct. - May)	2,613,464 kWh			0.05870	153,410
12	TOTAL:			<u>\$ 212,456</u>		<u>\$ 240,915</u>
13						
14	<u>11.06 Civil Defense - Fire Sirens</u>					
15	Load Charge	1,182 HP	\$ 0.60	\$ 709	\$ 0.48731	\$ 576
16	Customer Charge	228 Bills			1.00	228
17	TOTAL:			<u>\$ 709</u>		<u>\$ 804</u>

**Otter Tail Company
South Dakota Electric
Water Heating Services**

Exhibit__(JPT-4)
Schedule 2-8
Page 1 of 1

Line No.	WATER HEATING SERVICES	BILLING DETERMINANTS (A)	PRESENT RATES (B)	PRESENT REVENUE (C)	PROPOSED RATES (D)	PROPOSED REVENUE (E)
<u>14.01 Water Heating - Controlled Service</u>						
1	Customer Charge	30,586 Bills	\$ 1.60	\$ 48,938	\$ 1.00	\$ 30,586
2	TailWinds Revenue	1,200 kWh	0.01600	19	0.01300	16
3	All kWh	6,671,992 kWh	0.03485	232,519		
4	Unbilled kWh	-9,440 kWh		(1,164)		
5	Cost of Energy Adjustment	6,661,352 kWh		79,223		
6	Facilities Charge	30,586 Bills			1.00	30,586
7	All kWh (June - Sept.)	2,019,054 kWh			0.05938	119,891
8	All kWh (Oct.-May)	4,643,498 kWh			0.05799	269,276
9	TOTAL:			\$ 359,535		\$ 450,355

**Otter Tail Company
South Dakota Electric
Interruptible Load Service**

Line No.	BILLING DETERMINANTS (A)	PRESENT RATES (B)	PRESENT REVENUE (C)	PROPOSED RATES (D)	PROPOSED REVENUE (E)
14.04 Controlled Service - Interruptible Load Rider CT Metered					
1	>= 80 kW Facilities Charge	476 Bills	\$ 5.00	\$	2,380
2	< 80 kW Facilities Charge	32 Bills	1.75		56
3	>= 80 kW Energy (Nov. - April)	5,982,076 kWh	0.02400		143,570
4	>= 80 kW Energy (May - Oct.)	2,030,913 kWh	0.02400		48,742
5	< 80 kW Energy First 5,000 kWhs (Nov. - April)	157,835 kWh	0.03300		5,209
6	< 80 kW Energy Excess kWhs (Nov. - April)	137,110 kWh	0.03000		4,113
7	< 80 kW Energy First 1,500 kWhs (May - October)	72,453 kWh	0.03150		2,282
8	< 80 kW Energy Excess kWhs (May - October)	111,188 kWh	0.02850		3,169
9	Penalty kWh	- kWh			-
10	Unbilled kWh	-230,700 kWh			(907)
11	Cost of Energy Adjustment	N/A			-
12	Customer Charge	508 Bills		\$ 3.00	\$ 1,524
13	Facilities Charge	39,116 kW		0.08	3,129
14	All kWh (June - Sept.)	1,242,506 kWh		0.03583	44,519
15	All kWh (Oct. - May)	7,018,369 kWh		0.03445	241,783
16	Penalty kWh (June - Sept.)	- kWh		0.39031	
17	Penalty kWh (Oct. - May)	- kWh		0.12324	
18	TOTAL:				<u>\$ 290,955</u>
19					
20	14.05 Controlled Service - Interruptible Load Rider < 80 kW				
21	>= 80 kW Facilities Charge	171 Bills	\$ 5.00	\$	855
22	< 80 kW Facilities Charge	8,939 Bills	1.75		15,643
23	>= 80 kW Energy (Nov. - April)	192,259 kWh	0.02400		4,614
24	>= 80 kW Energy (May - Oct.)	10,578 kWh	0.02400		254
25	< 80 kW Energy First 5,000 kWhs (Nov. - April)	6,261,964 kWh	0.03300		206,645
26	< 80 kW Energy Excess kWhs (Nov. - April)	2,089,637 kWh	0.03000		62,689
27	< 80 kW Energy First 1,500 kWhs (May - October)	1,820,500 kWh	0.03150		57,346
28	< 80 kW Energy Excess kWhs (May - October)	422,634 kWh	0.02850		12,045
29	Penalty kWh	- kWh			-
30	Unbilled kWh	-293,350 kWh			(1,154)
31	Cost of Energy Adjustment	N/A			-
32	Customer Charge	9,110 Bills		\$ 2.00	\$ 18,220
33	Facilities Charge	9,110 Bills		3.50	31,885
34	Tailwinds Revenue	- kWh		0.01300	-
35	All kWh (June - Sept.)	1,297,868 kWh		0.04234	54,952
36	All kWh (Oct. - May)	9,206,354 kWh		0.03993	367,610
37	Penalty kWh (June - Sept.)	kWh		0.38031	
38	Penalty kWh (Oct. - May)	kWh		0.12382	
39	TOTAL:				<u>\$ 472,666</u>
40					
41	14.12 Controlled Service - Bulk Interruptible				
42	Facilities Charge 18%	12 Bills	\$ 1,000.00	\$	12,000
43	All kWh	9,573,600 kWh	0.03957		378,827
44	Unbilled kWh	-260,097 kWh			(1,023)
45	Cost of Energy Adjustment	N/A			-
46	All kWh	9,313,503 kWh			401,660
47	TOTAL:				<u>\$ 413,660</u>

**Otter Tail Company
South Dakota Electric
Heat Storage Services**

Exhibit___(JPT-4)
Schedule 2-10
Page 1 of 1

Line No.	HEAT STORAGE SERVICES	BILLING DETERMINANTS (A)	PRESENT RATES (B)	PRESENT REVENUE (C)	PROPOSED RATES (D)	PROPOSED REVENUE (E)
14.06 Controlled Service - Deferred Load Rider						
1	Customer Charge	1,656 Bills	\$ 1.75	\$ 2,898	\$ 2.50	\$ 4,140
2	Energy All kWh	3,729,497 kWh	0.03369	125,647		
3	Penalty kWh	- kWh	0.11500	-		
4	Unbilled kWh	5,511 kWh		(474)		
5	Cost of Energy Adjustment	3,735,008		40,457		
6	Facilities Charge	1,656 Bills			3.00	4,968
7	All kWh (June - Sept.)	561,869 kWh			0.04848	27,239
8	All kWh (Oct. - May)	3,173,139 kWh			0.04705	149,296
9	Penalty kWh (June - Sept.)	kWh			0.34108	
10	Penalty kWh (Oct. - May)	kWh			0.11053	
11	TOTAL:			<u>\$ 168,528</u>		<u>\$ 185,643</u>
12						
14.07 Fixed Time of Delivery Rider						
14	< 100 kW Facilities Charge	287 Bills	\$ 4.00	\$ 1,148		
15	< 100 kW Energy Charge	854,595 kWh	0.02900	24,783		
16	> 100 kW Facilities Charge	163 Bills	8.75	1,426		
17	> 100 kW Energy Charge	440,850 kWh	0.02500	11,021		
18	Primary Facilities Charge	- Bills	83.00	-		
19	Primary Energy Charge	- kWh	0.02150	-		
20	Primary Cost of Energy Adjustment	N/A		-		
21	Self Contained					
22	Customer Charge	316 Bills			\$ 1.00	\$ 316
23	Facilities Charge	316 Bills			3.00	948
24	Energy Charge (June-Sept.)	9,560 kWh			0.02915	279
25	Energy Charge (Oct.-May)	718,382 kWh			0.03087	22,176
26	Penalty kWh (June - Sept.)	kWh			0.09259	
27	Penalty kWh (Oct.-May)	kWh			0.07196	
28	CT-Metered					
29	Customer Charge	134 Bills			1.50	201
30	Facilities Charge	134 Bills			15.00	2,010
31	Energy Charge (June-Sept.)	8,147 kWh			0.02915	237
32	Energy Charge (Oct.-May)	559,356 kWh			0.03087	17,267
33	Penalty kWh (June - Sept.)	kWh			0.09259	
34	Penalty kWh (Oct.-May)	kWh			0.07196	
35	TOTAL:			<u>\$ 38,379</u>		<u>\$ 43,435</u>

**Otter Tail Corporation
South Dakota Electric
Rate Comparison**

Exhibit___(JPT-4)
Schedule 3
Page 1 of 4

9.01 Residential Service - Settlement

Present Rate:	
CUSTOMER CHARGE	\$5.80
First 200 kWh	\$0.07579
Next 800 kWh	\$0.06453
Excess kWh	\$0.05129
Fuel Clause Adjustment	\$0.01162

Proposed Settlement Rate:	
CUSTOMER CHARGE	\$7.00
First 500 kWh (June - Sept.)	0.09024
Excess kWh (June - Sept.)	0.07799
First 500 kWh (Oct. - May)	0.08713
Excess kWh (Oct. - May)	0.07596

kWh	PRESENT RATE	SUMMER RATES			WINTER RATES		
		PROPOSED RATE	AMOUNT OF INCREASE	% INCREASE	PROPOSED RATE	AMOUNT OF INCREASE	% INCREASE
0	\$5.80	\$7.00	\$1.20	20.69%	\$7.00	\$1.20	20.69%
50	10.17	11.51	1.34	13.19%	11.36	1.19	11.66%
100	14.54	16.02	1.48	10.20%	15.71	1.17	8.06%
150	18.91	20.54	1.62	8.59%	20.07	1.16	6.13%
200	23.28	25.05	1.77	7.59%	24.43	1.14	4.92%
250	27.09	29.56	2.47	9.12%	28.78	1.69	6.25%
300	30.90	34.07	3.18	10.28%	33.14	2.24	7.26%
350	34.70	38.58	3.88	11.18%	37.50	2.79	8.05%
400	38.51	43.10	4.58	11.90%	41.85	3.34	8.68%
450	42.32	47.61	5.29	12.50%	46.21	3.89	9.19%
500	46.13	52.12	5.99	12.99%	50.57	4.44	9.63%
550	49.93	56.02	6.09	12.19%	54.36	4.43	8.87%
600	53.74	59.92	6.18	11.49%	58.16	4.42	8.23%
650	57.55	63.82	6.27	10.89%	61.96	4.41	7.66%
700	61.36	67.72	6.36	10.37%	65.76	4.40	7.17%
750	65.16	71.62	6.45	9.90%	69.56	4.39	6.74%
800	68.97	75.52	6.54	9.49%	73.35	4.38	6.35%
850	72.78	79.42	6.64	9.12%	77.15	4.37	6.01%
900	76.59	83.32	6.73	8.79%	80.95	4.36	5.70%
950	80.39	87.22	6.82	8.48%	84.75	4.35	5.42%
1000	84.20	91.12	6.91	8.21%	88.55	4.34	5.16%
1250	99.93	110.61	10.68	10.69%	107.54	7.61	7.61%
1500	115.66	130.11	14.45	12.50%	126.53	10.87	9.40%
1750	131.38	149.61	18.22	13.87%	145.52	14.13	10.76%
2000	147.11	169.11	21.99	14.95%	164.50	17.39	11.82%
2250	162.84	188.60	25.76	15.82%	183.49	20.66	12.68%
2500	178.57	208.10	29.53	16.54%	202.48	23.92	13.39%
2750	194.29	227.60	33.30	17.14%	221.47	27.18	13.99%
3000	210.02	247.10	37.07	17.65%	240.46	30.44	14.49%
4000	272.93	325.09	52.15	19.11%	316.42	43.49	15.93%
5000	335.84	403.08	67.23	20.02%	392.38	56.54	16.84%
6000	398.75	481.07	82.31	20.64%	468.34	69.59	17.45%
7000	461.66	559.06	97.39	21.10%	544.30	82.64	17.90%
23000	1,468.22	1,806.90	338.67	23.07%	1,759.64	291.42	19.85%

**Otter Tail Corporation
South Dakota Electric
Rate Comparison**

Exhibit___(JPT-4)
Schedule 3
Page 2 of 4

9.03 Farm Service - Settlement

Present Rates:	
CUSTOMER CHARGE	\$7.70
First 1,600 kWh	\$0.06150
Excess kWh	\$0.04995
Fuel Clause Adjustment	\$0.01132

Proposed Settlement Rate:	
CUSTOMER CHARGE	\$8.00
First 1600 kWh (June - Sept.)	0.08026
Excess kWh (June - Sept.)	0.07449
First 1600 kWh (Oct. - May)	0.07803
Excess kWh (Oct. - May)	0.07276

kWh	PRESENT RATE	SUMMER RATES			WINTER RATES		
		PROPOSED RATE	AMOUNT OF INCREASE	% INCREASE	PROPOSED RATE	AMOUNT OF INCREASE	% INCREASE
0	\$7.70	\$8.00	\$0.30	3.90%	\$8.00	\$0.30	3.90%
50	11.34	12.01	0.67	5.93%	11.90	0.56	4.94%
100	14.98	16.03	1.04	6.97%	15.80	0.82	5.48%
150	18.62	20.04	1.42	7.61%	19.70	1.08	5.81%
200	22.26	24.05	1.79	8.03%	23.61	1.34	6.03%
250	25.91	28.07	2.16	8.34%	27.51	1.60	6.18%
300	29.55	32.08	2.53	8.57%	31.41	1.86	6.30%
350	33.19	36.09	2.91	8.75%	35.31	2.12	6.40%
400	36.83	40.11	3.28	8.90%	39.21	2.38	6.47%
450	40.47	44.12	3.65	9.02%	43.11	2.64	6.53%
500	44.11	48.13	4.02	9.12%	47.01	2.90	6.58%
550	47.75	52.15	4.39	9.20%	50.92	3.16	6.63%
600	51.39	56.16	4.77	9.27%	54.82	3.42	6.66%
650	55.03	60.17	5.14	9.34%	58.72	3.69	6.70%
700	58.67	64.18	5.51	9.39%	62.62	3.95	6.72%
750	62.32	68.20	5.88	9.44%	66.52	4.21	6.75%
800	65.96	72.21	6.26	9.48%	70.42	4.47	6.77%
850	69.60	76.22	6.63	9.52%	74.32	4.73	6.79%
900	73.24	80.24	7.00	9.56%	78.23	4.99	6.81%
950	76.88	84.25	7.37	9.59%	82.13	5.25	6.83%
1000	80.52	88.26	7.74	9.62%	86.03	5.51	6.84%
1500	116.93	128.40	11.47	9.81%	125.04	8.11	6.94%
2000	148.72	166.22	17.50	11.77%	161.95	13.23	8.90%
2500	179.36	203.46	24.11	13.44%	198.33	18.97	10.58%
3000	209.99	240.71	30.72	14.63%	234.71	24.72	11.77%
3500	240.63	277.95	37.33	15.51%	271.09	30.46	12.66%
4000	271.26	315.20	43.94	16.20%	307.47	36.21	13.35%
5000	332.53	389.68	57.15	17.19%	380.23	47.70	14.34%
6000	393.80	464.17	70.37	17.87%	452.99	59.19	15.03%
7000	455.07	538.66	83.59	18.37%	525.75	70.68	15.53%
8000	516.34	613.15	96.81	18.75%	598.51	82.17	15.91%
9000	577.61	687.64	110.03	19.05%	671.27	93.66	16.21%
10000	638.88	762.13	123.25	19.29%	744.03	105.15	16.46%
20000	1,251.58	1,507.02	255.44	20.41%	1,471.63	220.05	17.58%
30000	1,864.28	2,251.90	387.62	20.79%	2,199.23	334.95	17.97%
40000	2,476.98	2,996.79	519.81	20.99%	2,926.83	449.85	18.16%
50000	3,089.68	3,741.68	652.00	21.10%	3,654.43	564.75	18.28%
60000	3,702.38	4,486.57	784.19	21.18%	4,382.03	679.65	18.36%

**Otter Tail Corporation
South Dakota Electric
Rate Comparison**

Exhibit___(JPT-4)
Schedule 3
Page 3 of 4

9.01 Residential Service - OTP Original Proposal after Settlement of Revenue Requirement

Present Rate:	
CUSTOMER CHARGE	\$5.80
First 200 kWh	\$0.07579
Next 800 kWh	\$0.06453
Excess kWh	\$0.05129
Fuel Clause Adjustment	\$0.01162

Proposed Rate:	
CUSTOMER CHARGE	\$7.00
All kWh (June - Sept.)	0.08743
All kWh (Oct. - May)	0.07975

kWh	PRESENT RATE	SUMMER RATES			WINTER RATES		
		PROPOSED RATE	AMOUNT OF INCREASE	% INCREASE	PROPOSED RATE	AMOUNT OF INCREASE	% INCREASE
0	\$5.80	\$7.00	\$1.20	20.69%	\$7.00	\$1.20	20.69%
50	10.17	11.37	1.20	11.81%	10.99	0.82	8.03%
100	14.54	15.74	1.20	8.27%	14.98	0.43	2.98%
150	18.91	20.11	1.20	6.36%	18.96	0.05	0.27%
200	23.28	24.49	1.20	5.17%	22.95	(0.33)	-1.43%
250	27.09	28.86	1.77	6.53%	26.94	(0.15)	-0.56%
300	30.90	33.23	2.33	7.55%	30.93	0.03	0.09%
350	34.70	37.60	2.90	8.34%	34.91	0.21	0.60%
400	38.51	41.97	3.46	8.98%	38.90	0.39	1.01%
450	42.32	46.34	4.02	9.51%	42.89	0.57	1.34%
500	46.13	50.72	4.59	9.95%	46.88	0.75	1.62%
550	49.93	55.09	5.15	10.32%	50.86	0.93	1.86%
600	53.74	59.46	5.72	10.64%	54.85	1.11	2.06%
650	57.55	63.83	6.28	10.91%	58.84	1.29	2.24%
700	61.36	68.20	6.84	11.15%	62.83	1.47	2.39%
750	65.16	72.57	7.41	11.37%	66.81	1.65	2.53%
800	68.97	76.94	7.97	11.56%	70.80	1.83	2.65%
850	72.78	81.32	8.54	11.73%	74.79	2.01	2.76%
900	76.59	85.69	9.10	11.88%	78.78	2.19	2.86%
950	80.39	90.06	9.66	12.02%	82.76	2.37	2.95%
1000	84.20	94.43	10.23	12.15%	86.75	2.55	3.03%
1250	99.93	116.29	16.36	16.37%	106.69	6.76	6.76%
1500	115.66	138.15	22.49	19.44%	126.63	10.97	9.48%
1750	131.38	160.00	28.62	21.78%	146.56	15.18	11.55%
2000	147.11	181.86	34.75	23.62%	166.50	19.39	13.18%
2250	162.84	203.72	40.88	25.10%	186.44	23.60	14.49%
2500	178.57	225.58	47.01	26.33%	206.38	27.81	15.57%
2750	194.29	247.43	53.14	27.35%	226.31	32.02	16.48%
3000	210.02	269.29	59.27	28.22%	246.25	36.23	17.25%
4000	272.93	356.72	83.79	30.70%	326.00	53.07	19.44%
5000	335.84	444.15	108.31	32.25%	405.75	69.91	20.82%
6000	398.75	531.58	132.83	33.31%	485.50	86.75	21.75%
7000	461.66	619.01	157.35	34.08%	565.25	103.59	22.44%
23000	1,468.22	2,017.89	549.67	37.44%	1,841.25	373.03	25.41%

**Otter Tail Corporation
South Dakota Electric
Rate Comparison**

9.03 Farm Service - OTP Original Proposal after Settlement of Revenue Requirement

Present Rates:	
CUSTOMER CHARGE	\$7.70
First 1,600 kWh	\$0.06150
Excess kWh	\$0.04995
Fuel Clause Adjustment	\$0.01132

Proposed Rate:	
CUSTOMER CHARGE	\$8.00
All kWh (June - Sept.)	0.08121
All kWh (Oct. - May)	0.07408

kWh	PRESENT RATE	SUMMER RATES			WINTER RATES		
		PROPOSED RATE	AMOUNT OF INCREASE	% INCREASE	PROPOSED RATE	AMOUNT OF INCREASE	% INCREASE
0	\$7.70	\$8.00	\$0.30	3.90%	\$8.00	\$0.30	3.90%
50	11.34	12.06	0.72	6.34%	11.70	0.36	3.20%
100	14.98	16.12	1.14	7.60%	15.41	0.43	2.84%
150	18.62	20.18	1.56	8.37%	19.11	0.49	2.63%
200	22.26	24.24	1.98	8.88%	22.82	0.55	2.48%
250	25.91	28.30	2.40	9.25%	26.52	0.61	2.37%
300	29.55	32.36	2.82	9.53%	30.22	0.68	2.29%
350	33.19	36.42	3.24	9.75%	33.93	0.74	2.23%
400	36.83	40.48	3.66	9.93%	37.63	0.80	2.18%
450	40.47	44.54	4.08	10.07%	41.34	0.87	2.14%
500	44.11	48.61	4.50	10.19%	45.04	0.93	2.11%
550	47.75	52.67	4.91	10.29%	48.74	0.99	2.08%
600	51.39	56.73	5.33	10.38%	52.45	1.06	2.05%
650	55.03	60.79	5.75	10.45%	56.15	1.12	2.03%
700	58.67	64.85	6.17	10.52%	59.86	1.18	2.01%
750	62.32	68.91	6.59	10.58%	63.56	1.24	2.00%
800	65.96	72.97	7.01	10.63%	67.26	1.31	1.98%
850	69.60	77.03	7.43	10.68%	70.97	1.37	1.97%
900	73.24	81.09	7.85	10.72%	74.67	1.43	1.96%
950	76.88	85.15	8.27	10.76%	78.38	1.50	1.95%
1000	80.52	89.21	8.69	10.79%	82.08	1.56	1.94%
1500	116.93	129.82	12.89	11.02%	119.12	2.19	1.87%
2000	148.72	170.42	21.70	14.59%	156.16	7.44	5.00%
2500	179.36	211.03	31.67	17.66%	193.20	13.85	7.72%
3000	209.99	251.63	41.64	19.83%	230.24	20.25	9.64%
3500	240.63	292.24	51.61	21.45%	267.28	26.66	11.08%
4000	271.26	332.84	61.58	22.70%	304.32	33.06	12.19%
5000	332.53	414.05	81.52	24.52%	378.40	45.87	13.79%
6000	393.80	495.26	101.46	25.76%	452.48	58.68	14.90%
7000	455.07	576.47	121.40	26.68%	526.56	71.49	15.71%
8000	516.34	657.68	141.34	27.37%	600.64	84.30	16.33%
9000	577.61	738.89	161.28	27.92%	674.72	97.11	16.81%
10000	638.88	820.10	181.22	28.37%	748.80	109.92	17.21%
20000	1,251.58	1,632.20	380.62	30.41%	1,489.60	238.02	19.02%
30000	1,864.28	2,444.30	580.02	31.11%	2,230.40	366.12	19.64%
40000	2,476.98	3,256.40	779.42	31.47%	2,971.20	494.22	19.95%
50000	3,089.68	4,068.50	978.82	31.68%	3,712.00	622.32	20.14%
60000	3,702.38	4,880.60	1,178.22	31.82%	4,452.80	750.42	20.27%