

**Northern States Power Company
South Dakota Electric
Outdoor Lighting Schedules**

Exhibit___(BAM-10)
Schedule 2-4
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Line No.	OUTDOOR LIGHTING	BILLING DETERMINANTS (A)	PRESENT RATES (B)	PRESENT REVENUE (C)	PROPOSED RATES (D)	PROPOSED REVENUE (E)
1	<u>Automatic Protective Lighting Service (E12)</u>					
2	Area Units					
3	100W High Pressure Sodium	7,872 Units	\$ 7.05	\$ 55,498	\$ 7.40	\$ 58,253
4	175W Mercury	3,671 Units	7.05	25,881	7.40	27,165
5	250W High Pressure Sodium	686 Units	12.50	8,575	13.18	9,041
6	400W Mercury	240 Units	12.50	3,000	13.18	3,163
7	Directional Units					
8	250W High Pressure Sodium	2,476 Units	13.90	34,416	14.64	36,249
9	400W Mercury	311 Units	13.90	4,323	14.64	4,553
10	400W High Pressure Sodium	8,661 Units	17.35	150,268	18.33	158,756
11	Fuel Clause Rider (Lighting) - Summer	657,327 kWh	0.02040	13,409	0.01986	13,056
12	Fuel Clause Rider (Lighting) - Winter	1,788,455 kWh	0.02064	36,921	0.02008	35,914
13	TOTAL:			\$ 332,291		\$ 346,150
14						
15	<u>Street Lighting System Service (E30)</u>					
16	Overhead					
17	100W High Pressure Sodium	18,330 Lum	\$ 12.24	\$ 224,359	\$ 13.41	\$ 245,805
18	150W High Pressure Sodium	3,130 Lum	13.94	43,632	15.26	47,764
19	250W High Pressure Sodium	1,435 Lum	17.94	25,744	19.72	28,298
20	400W High Pressure Sodium	396 Lum	21.97	8,700	24.25	9,603
21	Underground					
22	100W High Pressure Sodium	12,430 Lum	19.95	247,979	22.11	274,827
23	150W High Pressure Sodium	504 Lum	21.76	10,967	24.08	12,136
24	250W High Pressure Sodium	24 Lum	26.03	625	28.83	692
25	Decorative Underground					
26	100W High Pressure Sodium	393 Lum	26.34	10,352	29.79	11,707
27	150W High Pressure Sodium	17 Lum	27.62	470	31.22	531
28	250W High Pressure Sodium	144 Lum	34.02	4,899	38.03	5,476
29	Fuel Clause Rider (Lighting) - Summer	448,645 kWh	0.02042	9,161	0.01986	8,911
30	Fuel Clause Rider (Lighting) - Winter	1,304,805 kWh	0.02064	26,936	0.02008	26,202
31	TOTAL:			\$ 613,824		\$ 671,952
32						
33	<u>Street Lighting Energy Service (E31)</u>					
34	Group 1					
35	175W Mercury	312 Lum	\$ 5.83	\$ 1,819	\$ 6.17	\$ 1,925
36	400W Mercury	445 Lum	9.91	4,410	10.68	4,753
37	70W High Pressure Sodium	0 Lum	3.90	-	4.04	-
38	100W High Pressure Sodium	36 Lum	4.47	161	4.67	168
39	150W High Pressure Sodium	360 Lum	5.32	1,915	5.61	2,020
40	250W High Pressure Sodium	852 Lum	7.48	6,373	7.99	6,807
41	400W High Pressure Sodium	264 Lum	10.25	2,706	11.06	2,920
42	1,000W High Pressure Sodium	0 Lum	20.52	-	22.41	-
43	Group 4					
44	175W Mercury	0 Lum	3.63	-	3.97	-
45	70W High Pressure Sodium	19 Lum	1.70	32	1.84	35
46	100W High Pressure Sodium	63,739 Lum	2.18	138,951	2.41	153,611
47	150W High Pressure Sodium	780 Lum	3.12	2,434	3.41	2,660
48	250W High Pressure Sodium	1,935 Lum	5.28	10,217	5.79	11,204
49	400W High Pressure Sodium	216 Lum	8.05	1,739	8.86	1,914
50	Metered Ornamental Energy Charge	1,456,905 kWh	0.04820	70,223	0.05353	77,988
51	Fuel Clause Rider (Lighting) - Summer	1,162,144 kWh	0.02042	23,731	0.01986	23,084
52	Fuel Clause Rider (Lighting) - Winter	3,480,639 kWh	0.02064	71,854	0.02008	69,895
53	TOTAL:			\$ 336,565		\$ 358,984
54						
55	<u>Street Lighting Energy Service - Metered (E32)</u>					
56	Customer Charge	2,153 Meter	\$ 5.00	\$ 10,765	\$ 5.00	\$ 10,765
57	Energy Charge	6,153,354 kWh	0.04570	281,208	0.05053	310,929
58	Fuel Clause Rider (Lighting) - Summer	1,440,436 kWh	0.02042	29,414	0.01986	28,611
59	Fuel Clause Rider (Lighting) - Winter	4,712,918 kWh	0.02064	97,293	0.02008	94,640
60	TOTAL:			\$ 418,680		\$ 444,945