

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

Line No.	OUTDOOR LIGHTING	BILLING DETERMINANTS (A)	PRESENT RATES (B)	PRESENT REVENUE (C)	PROPOSED RATES (D)	PROPOSED REVENUE (E)
1	Automatic Protective Lighting Service (E12)					
2	Area Units					
3	100W High Pressure Sodium	8,340 Units	\$ 7.40	\$ 61,716	\$ 7.93	\$ 66,136
4	175W Mercury	3,639 Units	7.40	26,929	7.93	28,857
5	250W High Pressure Sodium	725 Units	13.18	9,556	14.14	10,252
6	400W Mercury	228 Units	13.18	3,005	14.14	3,224
7	Directional Units					
8	250W High Pressure Sodium	2,706 Units	14.64	39,616	15.70	42,484
9	400W Mercury	313 Units	14.64	4,582	15.70	4,914
10	400W High Pressure Sodium	9,350 Units	18.33	171,386	19.69	184,102
11	Fuel Clause Rider (Lighting) - Summer	684,142 kWh	0.02135	14,603	0.02194	15,007
12	Fuel Clause Rider (Lighting) - Winter	1,925,716 kWh	0.02095	40,334	0.02153	41,451
13	Transmission Cost Rider					
14	Demand Side Management Rider					
15	Infrastructure Rider					
16	TOTAL:			10,028		
				(3)		
				10,028		
				\$ 382,871		\$ 396,427
17						
18	Street Lighting System Service (E30)					
19	Overhead					
20	100W High Pressure Sodium	18,519 Lum	\$ 13.41	\$ 248,340	\$ 14.06	\$ 260,377
21	150W High Pressure Sodium	3,137 Lum	15.26	47,871	16.00	50,192
22	250W High Pressure Sodium	1,407 Lum	19.72	27,746	20.68	29,097
23	400W High Pressure Sodium	394 Lum	24.25	9,555	25.45	10,027
24	Underground					
25	100W High Pressure Sodium	12,935 Lum	22.11	285,993	23.16	299,575
26	150W High Pressure Sodium	581 Lum	24.08	13,990	25.23	14,659
27	250W High Pressure Sodium	168 Lum	28.83	4,843	30.21	5,075
28	Decorative Underground					
29	100W High Pressure Sodium	312 Lum	29.79	9,294	31.15	9,719
30	150W High Pressure Sodium	10 Lum	31.22	312	32.66	327
31	250W High Pressure Sodium	144 Lum	38.03	5,476	39.84	5,737
32	Fuel Clause Rider (Lighting) - Summer	446,523 kWh	0.02135	9,531	0.02194	9,795
33	Fuel Clause Rider (Lighting) - Winter	1,311,865 kWh	0.02095	27,477	0.02153	28,238
34	Transmission Cost Rider					
35	Demand Side Management Rider					
36	Infrastructure Rider					
37	TOTAL:			754		
				(2)		
				6,756		
				\$ 697,936		\$ 722,818
38						
39	Street Lighting Energy Service (E31)					
40	Group 1					
41	175W Mercury	312 Lum	\$ 6.17	\$ 1,925	\$ 6.72	\$ 2,097
42	400W Mercury	452 Lum	10.28	4,647	11.81	5,338
43	70W High Pressure Sodium	0 Lum	4.04	-	4.32	-
44	100W High Pressure Sodium	36 Lum	4.67	168	5.03	181
45	150W High Pressure Sodium	360 Lum	5.61	2,020	6.09	2,192
46	250W High Pressure Sodium	821 Lum	7.99	6,560	8.78	7,208
47	400W High Pressure Sodium	264 Lum	11.06	2,920	12.24	3,231
48	1,000W High Pressure Sodium	0 Lum	22.41	-	25.04	-
49	Group 4					
50	70W High Pressure Sodium	12 Lum	1.84	22	2.02	24
51	100W High Pressure Sodium	65,422 Lum	2.41	157,667	2.68	175,331
52	150W High Pressure Sodium	768 Lum	3.41	2,619	3.79	2,911
53	250W High Pressure Sodium	1,957 Lum	5.79	11,331	6.48	12,681
54	400W High Pressure Sodium	216 Lum	8.86	1,914	9.94	2,147
55	Metered Ornamental Energy Charge	1,302,339 kWh	0.05353	69,714	0.05999	78,127
56	Fuel Clause Rider (Lighting) - Summer	1,142,161 kWh	0.02135	24,379	0.02194	25,054
57	Fuel Clause Rider (Lighting) - Winter	3,347,557 kWh	0.02095	70,115	0.02153	72,056
58	Transmission Cost Rider					
59	Demand Side Management Rider					
60	Infrastructure Rider					
61	TOTAL:			1,925		
				(4)		
				17,251		
				\$ 375,173		\$ 388,578
62						
63	Street Lighting Energy Service - Metered (E32)					
64	Customer Charge	2,458 Meter	\$ 5.00	\$ 12,290	\$ 5.00	\$ 12,290
65	Energy Charge	6,276,329 kWh	0.05053	317,143	0.05699	357,688
66	Fuel Clause Rider (Lighting) - Summer	1,577,712 kWh	0.02135	33,676	0.02194	34,609
67	Fuel Clause Rider (Lighting) - Winter	4,698,617 kWh	0.02095	98,413	0.02153	101,138
68	Transmission Cost Rider					
69	Demand Side Management Rider					
70	Infrastructure Rider					
71	TOTAL:			2,691		
				(6)		
				24,116		
				\$ 488,323		\$ 505,725