

NorthWestern Corporation, dba NorthWestern Energy  
 South Dakota Electric  
 Test Year Ended December 31, 2022  
 Derivation of Increased Rates and Proof of Revenue

Line	Description	Billing Units	Rate	Revenue	Billing Units	Rate	Revenue	Revenue Change \$	Revenue Change %
1									
2									
3	<b>Interruptible Irrigation Service Rate 16</b>			Calculated			Calculated		
4	Customer Charge 16O (May-Oct)	425	\$45.00	\$19,125	425	\$55.00	\$23,375	\$4,250	22.22%
5	Customer Charge 16OW (May-Oct)	2	\$22.50	45	2	\$55.00	110	65	144.44%
6	Customer Charge 16O (Nov-Apr)	5	\$45.00	225	5	\$25.00	125	-100	-44.44%
7	Customer Charge 16OW (Nov-Apr)	385	\$22.50	8,663	385	\$25.00	9,625	963	11.11%
8	Off-Peak Energy Charge (May-Oct)	1,736,881	\$0.02437	42,328	1,736,881	\$0.03157	54,833	12,506	29.54%
9	Off-Peak Energy Charge (Nov-Apr)	57,966	\$0.02437	1,413	57,966	\$0.03157	1,830	417	29.54%
10	On-Peak Energy Charge (May-Oct)	190,672	\$0.13130	25,035	190,672	\$0.16885	32,195	7,160	28.60%
11	On-Peak Energy Charge (Nov-Apr)	7,644	\$0.13130	1,004	7,644	\$0.16885	1,291	287	28.60%
12	Shoulder Period Energy Charge (May-Oct)	619,322	\$0.05664	35,078	619,322	\$0.07284	45,111	10,033	28.60%
13	Shoulder Period Energy Charge (Nov-Apr)	32,812	\$0.05664	1,858	32,812	\$0.07284	2,390	532	28.60%
14	Demand Charge per Season	238	\$130.81	31,195	238	\$168.22	40,116	8,921	28.60%
15	Minimum Customer Charge per Season	0.000	\$270.00		0.000	\$330.00		0	0.00%
16	Irrigation Season kWh On Peak	198,316		\$152,806	198,316		195,741	42,935	28.10%
17	Non-Irrigation Season kWh Off & Shoulder	2,446,981		13,162	2,446,981		15,261	2,098	15.94%
18	Annual Total	2,645,297		\$165,969	2,645,297		\$211,002	\$45,033	27.13%
19	Book to Bill Revenue Ratio								100.000%
20	Proposed Base Rate Revenue						\$211,002	\$44,676	26.86%

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1									
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2	<b>Irrigation Service Rate 17</b>			Calculated			Calculated		
3	Power Factor Charge (May-Sept)			\$2,705			\$3,459	\$754	27.87%
4	Power Factor Charge (Oct-Apr)			1,118			\$1,430	312	27.91%
5	Demand Charge per HP (May-Sept)	2,800	\$4.870	13,636	2,800	\$5.980	16,744	3,108	22.79%
6	Demand Charge per HP (Oct-Apr)	590	\$4.870	2,873	590	\$5.980	3,528	655	22.79%
7	Energy Charge (May-Sept)	308,327	\$0.04960	15,293	308,327	\$0.06029	18,589	3,296	21.55%
8	Energy Charge (Oct-Apr)	50,284	\$0.04960	2,494	50,284	\$0.06029	3,032	538	21.55%
9	Total Irrigation Season (May-Sept)	308,327		\$31,634	308,327		\$38,792	\$7,158	22.63%
10	Total Non-Irrigation Season (Oct-Apr)	50,284		6,485	50,284		7,990	\$1,504	23.20%
11	Annual Total	358,611		\$38,119	358,611		\$46,782	\$8,662	22.72%
12	Book to Billed Revenue Ratio						100.000%		
13	Proposed Base Rate Revenue						\$46,782	\$8,606	22.54%