

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

Line	Description	----- Present Rates -----			----- Proposed Rates -----			Revenue Change	
		Billing Units	Rate	Revenue	Billing Units	Rate	Revenue	\$	%
1	<b>Municipal Pumping Rate 41</b>								
2	<u>Summer Rate</u>								
3	Customer Charge	1,108	\$15.00	\$16,620	1,108	\$17.00	\$18,836	\$2,216	13.33%
4	Energy Charge	2,759,380	\$0.07673	211,727	2,759,380	\$0.09567	263,990	52,263	24.68%
5	Power Factor Charge			8,733			11,167	2,434	27.88%
6	Sub-total Summer Rate	2,759,380		\$237,080	2,759,380		\$293,993	\$56,913	24.01%
7	Booked to Billed Revenue Ratio			100.11%			100.00%		
8	Booked Base Rate Revenue			\$237,352			\$293,993	\$56,641	23.86%
9									
10	<u>Off-Peak Rate</u>								
11	Customer Charge	2,168	\$15.00	\$32,520	2,168	\$17.00	\$36,856	\$4,336	13.33%
12	Energy Charge	4,512,396	\$0.07673	346,236	4,512,396	\$0.09567	431,701	85,465	24.68%
13	Power Factor Charge			12,490			15,971	3,481	27.87%
14	Sub-total Off-Peak Rate	4,512,396		\$391,246	4,512,396		\$484,528	\$93,282	23.84%
15	Booked to Billed Revenue Ratio			100.00%			100.00%		
16	Booked Base Rate Revenue			391,232			\$484,528	\$93,296	23.85%
17									
18	Total Annual Municipal Pumping Rate 41	7,271,776		\$628,326	7,271,776		\$778,521	\$150,195	23.90%
19	Booked to Billed Revenue Ratio			100.04%			100.00%		
20	Total Adjusted Annual Mun Pump Rate 41 Revenue			\$628,584			\$778,521	\$149,937	23.85%

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		Billing Units	Rate	Revenue	Billing Units	Rate	Revenue	\$	%
1	<b>Municipal Pumping Rate 41YS</b>								
2	<u>Summer Rate</u>								
3	Customer Charge	4	\$15.00	\$60	4	\$17.00	\$68	\$8	13.33%
4	Energy Charge	1,029	\$0.07673	79	1,029	\$0.09567	98	19	24.68%
5	YS Discount			-17			-17	0	0.00%
6	Sub-total Summer Rate	1,029		\$139	1,029		\$149	\$10	7.40%
7	Booked to Billed Revenue Ratio			99.98%			100.00%		
8	Booked Base Rate Revenue			\$139			\$149	\$10	7.42%
9									
10	<u>Off-Peak Rate</u>								
11	Customer Charge	8	\$15.00	\$120	8	\$17.00	\$136	\$16	13.33%
12	Energy Charge	1,629	\$0.07673	125	1,629	\$0.09567	156	31	24.68%
13	YS Discount			-27			-27	0	0.00%
14	Sub-total Off-Peak Rate	1,629		\$245	1,629		\$292	\$47	19.12%
15	Booked to Billed Revenue Ratio			101.12%			100.00%		
16	Booked Base Rate Revenue			248			\$292	\$44	17.80%
17									
18	Total Annual Municipal Pumping Rate 41	2,658		\$384	2,658		\$441	\$57	14.88%
19	Booked to Billed Revenue Ratio			100.71%			100.00%		
20	Total Adjusted Annual Mun Pump Rate 41 Revenue			\$387			\$441	\$54	14.07%