

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	All-Inclusive Commercial Service Rate 25								
2	<u>Summer Rate</u>								
3	Minimum Charge	267	\$14.00	\$3,734	267	\$18.00	\$4,801	\$1,067	28.57%
4	First 100 kWh per kW	3,861,405	\$0.14088	543,995	3,861,405	\$0.17957	693,392	149,398	27.46%
5	Next 100 kWh per kW	2,874,631	\$0.06478	186,219	2,874,631	\$0.08248	237,100	50,881	27.32%
6	Next 100 kWh per kW	1,957,028	\$0.04697	91,922	1,957,028	\$0.05976	116,952	25,030	27.23%
7	Over 300 kWh per kW	1,510,879	\$0.03078	46,505	1,510,879	\$0.03911	59,090	12,586	27.06%
8	Power Factor Charge			18,482			23,634	5,152	27.87%
9	Sub-total Summer Rate	10,203,943		\$890,856	10,203,943		\$1,134,969	\$244,113	27.40%
10	Booked to Billed Revenue Ratio			94.727%			100.00%		
11	Booked Base Rate Revenue			\$843,884			\$1,134,969	\$291,085	34.49%
12	<u>Off-Peak Rate</u>								
13	Minimum Charge	404	\$14.00	\$5,653	404	\$18.00	\$7,268	\$1,615	28.57%
14	First 100 kWh per kW	11,021,993	\$0.10849	1,195,776	11,021,993	\$0.13841	1,525,554	329,778	27.58%
15	Next 100 kWh per kW	8,958,779	\$0.03078	275,751	8,958,779	\$0.03927	351,811	76,060	27.58%
16	Next 100 kWh per kW	5,983,576	\$0.01620	96,934	5,983,576	\$0.02067	123,681	26,747	27.59%
17	Over 300 kWh per kW	3,787,704	\$0.01135	42,990	3,787,704	\$0.01448	54,846	11,856	27.58%
18	Power Factor Charge			23,868			30,521	6,653	27.87%
19	Sub-total Off-Peak Rate	29,752,052		\$1,640,973	29,752,052		\$2,093,681	\$452,708	27.59%
20	Booked to Billed Revenue Ratio			102.889%			100.00%		
21	Booked Base Rate Revenue			\$1,688,385			\$2,093,681	\$405,296	24.00%
22									
23	Subtotal Rate 25			\$2,531,829			\$3,228,650	\$696,821	27.52%
24	Booked to Billed Revenue Ratio			100.017%			100.000%		
25	Total Adjusted Annual Commercial Rate 25 Revenue	39,955,995		\$2,532,269	39,955,995		\$3,228,650	\$696,381	27.50%

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		Billing Units	Rate	Revenue	Billing Units	Rate	Revenue	\$	%
1	All-Inclusive Commercial Service Rate 25YS								
2	<u>Summer Rate</u>								
3	Minimum Charge	0	\$14.00	\$0	0	\$18.00	\$0	\$0	0.000%
4	First 100 kWh per kW	49,883	\$0.14088	7,028	49,883	\$0.17957	8,957	1,930	27.463%
5	Next 100 kWh per kW	44,304	\$0.06478	2,870	44,304	\$0.08248	3,654	784	27.323%
6	Next 100 kWh per kW	15,619	\$0.04697	734	15,619	\$0.05976	933	200	27.230%
7	Over 300 kWh per kW	3,540	\$0.03078	109	3,540	\$0.03911	138	29	27.063%
8	YS Discount			1,895			1,895	0	
9	Power Factor Charge			528			675	147	27.873%
10	Sub-total Summer Rate	113,346		\$11,268	113,346		\$14,358	\$3,090	27.428%
11				97.614%			100.00%		
12				\$10,999			\$14,358	\$3,359.283	30.542%
13	<u>Off-Peak Rate</u>								
14	Minimum Charge	0	\$14.00	\$0	0	\$18.00	\$0	\$0	0.000%
15	First 100 kWh per kW	170,749	\$0.10849	18,525	170,749	\$0.13841	23,633	5,109	27.579%
16	Next 100 kWh per kW	125,156	\$0.03078	3,852	125,156	\$0.03927	4,915	1,063	27.583%
17	Next 100 kWh per kW	61,247	\$0.01620	992	61,247	\$0.02067	1,266	274	27.593%
18	Over 300 kWh per kW	4,253	\$0.01135	48	4,253	\$0.01448	62	13	27.577%
19	YS Discount			6,042			6,042	0	0.000%
20	Power Factor Charge			334			427	93	27.873%
21	Sub-total Off-Peak Rate	361,405		\$23,751	361,405		\$30,302	\$6,551	27.584%
22	Booked to Billed Revenue Ratio			101.007%			100.00%		
23	Booked Base Rate Revenue before YS Discount			\$23,990			\$30,302	\$6,312	26.313%
24	Annual Total Rate 25YS Before YS Discount			\$35,019			\$44,661	\$9,642	27.534%
25	Booked to Billed Revenue Ratio			99.915%			100.000%		
26	Annual Commercial Rate 25YS Revenue before YS Discot	474,751		\$34,989	474,751		\$44,661	\$9,672	27.642%