

NorthWestern Energy
Electric Utility - State of South Dakota
Pro Forma Year Ending 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	Commercial & Industrial Service Rate 33								
2	<u>Summer Rate</u>								
3	Demand Charge	237,921	\$11.05	\$2,629,024	237,921	\$14.13	\$3,361,819	\$732,796	27.87%
4	Power Factor Charge			294,039		\$14.13	375,997	81,958	27.87%
5	First 100 kWh per kW	21,584,573	\$0.06659	1,437,317	21,584,573	\$0.07887	1,702,375	265,059	18.44%
6	Next 300 kWh per kW	33,383,062	\$0.04580	1,528,944	33,383,062	\$0.05424	1,810,697	281,753	18.43%
7	Next 100 kWh per kW	1,862,545	\$0.02706	50,400	1,862,545	\$0.03204	59,676	9,275	18.40%
8	Over 500 kWh per kW	642,889	\$0.01455	9,354	642,889	\$0.01723	11,077	1,723	18.42%
9	Primary Discount								
10	MAX33 Revenue			-343,438			-406,686	-63,248	18.42%
11	Sub-total Summer Rate	57,473,069		\$5,605,640	57,473,069		\$6,914,956	\$1,309,316	23.36%
12	Booked to Billed Revenue Ratio			100.041%			100.00%		
13	Booked Base Rate Revenue			\$5,607,952			\$6,914,956	\$1,307,004	23.31%
14	<u>Off-Peak Rate</u>								
15	Demand Charge	440,506	\$11.05	\$4,867,594	440,506	\$14.13	\$6,224,354	\$1,356,759	27.87%
16	Power Factor Charge			429,319			548,984	119,665	27.87%
17	First 100 kWh per kW	39,856,971	\$0.06659	2,654,076	39,856,971	\$0.07887	3,143,519	489,444	18.44%
18	Next 300 kWh per kW	59,102,384	\$0.04580	2,706,889	59,102,384	\$0.05424	3,205,713	498,824	18.43%
19	Next 100 kWh per kW	3,073,121	\$0.02706	83,159	3,073,121	\$0.03204	98,463	15,304	18.40%
20	Over 500 kWh per kW	1,276,166	\$0.01455	18,568	1,276,166	\$0.01723	21,988	3,420	18.42%
21	Primary Discount								
22	MAX33 Revenue			-661,833			-783,716	-121,883	18.42%
23	Sub-total Off-Peak Rate	103,308,642		\$10,097,772	103,308,642		\$12,459,306	\$2,361,534	23.39%
24	Booked to Billed Revenue Ratio			99.894%			100.00%		
25	Booked Base Rate Revenue			\$10,087,099			\$12,459,306	\$2,372,207	23.52%
26									
27	Annual Subtotal Rate 33	160,781,711		\$15,703,412	160,781,711		\$19,374,262	3,670,850	23.38%
28	Booked to Billed Revenue Ratio			99.947%			100.000%		
29	Total Adjusted Annual Commercial Rate 33 Revenue	160,781,711		\$15,695,051	160,781,711		\$19,374,262	3,679,211	23.44%

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		Billing Units	Rate	Revenue	Billing Units	Rate	Revenue	\$	%
1	Commercial & Industrial Service Rate 33YS								
2	Summer Rate								
3	Demand Charge	1,006	\$11.05	\$11,122	1,006	\$14.13	\$14,222	\$3,100	27.87%
4	Power Factor Charge			0			0	0	0.00%
5	First 100 kWh per kW	100,518	\$0.06659	6,693	100,518	\$0.07887	7,928	1,234	18.44%
6	Next 300 kWh per kW	153,844	\$0.04580	7,046	153,844	\$0.05424	8,344	1,298	18.43%
7	Next 100 kWh per kW	0	\$0.02706	0	0	\$0.03204	0	0	#DIV/0!
8	Over 500 kWh per kW	0	\$0.01455	0	0	\$0.01723	0	0	0.00%
9	MAX33 Revenue	0		0	0	\$0.00000	0	0	0.00%
10	YS Discount			4,252	0	\$0.00000	4,252	0	0.00%
11	Sub-total Summer Rate Before YS Discount	254,362		\$24,861	254,362		\$30,494	5,633	22.66%
12	Booked to Billed Revenue Ratio			100.167%			100.00%		
13	Booked Base Rate Revenue			\$24,903			\$30,494	5,591	22.45%
14	Off-Peak Rate								
15	Demand Charge	1,432.75	\$11.05	\$15,832	1,433	\$14.13	\$20,245	\$4,413	27.87%
16	Power Factor Charge			187			239	52	27.87%
17	First 100 kWh per kW	143,317	\$0.06659	9,543	143,317	\$0.07887	11,303	1,760	18.44%
18	Next 300 kWh per kW	239,507	\$0.04580	10,969	239,507	\$0.05424	12,991	2,021	18.43%
19	Next 100 kWh per kW	0	\$0.02706	0	0	\$0.03204	0	0	0.00%
20	Over 500 kWh per kW	0	\$0.01455	0	0	\$0.01723	0	0	0.00%
21	MAX33 Revenue			0		\$0.00000	0	0	0.00%
22	YS Discount			6,400	0	\$0.00000	6,400	0	0.00%
23	Sub-total Off-Peak Rate Before YS Discount	382,824		\$36,532	382,824		\$44,778	\$8,246	22.57%
24	Booked to Billed Revenue Ratio			99.538%			100.00%		
25	Booked Base Rate Revenue			\$36,363			\$44,778	\$8,415	23.14%
26									
27	Annual Com & Ind Service Rate 33YS w/o YS Disc	637,186		\$61,393			\$75,272	\$13,879	22.61%
28	Booked to Billed Revenue Ratio			99.792%			100.000%		
29	Booked Base Rate Revenue before YS Discount			\$61,266			\$75,272	0	0.00%
30	YS Discount			10,652			10,652	0	0.00%
31	Net Com & Ind Service Rate 33YS	637,186		\$50,613			\$64,620	\$14,007	27.67%