

NorthWestern Corporation dba NorthWestern Energy
Class Cost of Service Study
Calculation Income Taxes Current Rates
South Dakota Electric
Test Year Ended December 31, 2022

Line No.	Total	Total Residential	Total Irrigation	Total Commercial	Total Comm & Ind	Total Municipal	Total Lighting	Controlled Off-Peak 70
1	Base Revenues Current Rates							
2	60,838,339	20,440,022	54,017	5,988,504	33,879,960	301,176	132,759	41,900
3	14,048,689	4,253,994	8,993	1,392,165	8,280,654	87,103	16,740	9,040
4	5,612,067	2,398,274	15,911	575,829	2,552,944	29,585	35,217	4,307
5	15,014,804	6,623,698	47,807	1,545,817	6,605,586	70,892	109,308	11,697
6	5,553,019	3,657,113	26,184	855,924	907,904	39,734	59,692	6,469
7	3,827,231	1,586,423	9,609	391,459	1,794,267	22,134	20,441	2,897
8	2,246,784	1,271,920	10,698	182,210	771,100	9,545	-	1,312
9	5,691,725	3,894,644	24,051	1,141,239	589,423	41,479	-	889
10	106,620	47,321	205	12,883	44,659	1,442	-	111
11	1,680,173	1,305,576	2,130	266,694	71,998	7,795	25,902	78
12	3,059,274	1,638,943	4,261	383,367	923,055	14,419	94,368	862
13	1,477,118	-	-	-	-	-	1,477,118	-
14	358,780	89,286	223	31,158	234,081	3,405	486	141
15	(0)	-	-	-	-	(0)	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	\$ 119,514,621	47,207,213	204,088	12,767,249	56,655,630	628,710	1,972,030	79,701
19								
20	42,690,192	14,728,461	71,318	3,873,610	23,406,932	180,203	409,025	20,644
21	(107,045)	(36,931)	(179)	(9,713)	(58,693)	(452)	(1,026)	(52)
22	13,442,106	5,583,443	30,707	1,599,484	6,002,175	62,237	158,064	5,996
23	228,674	94,984	522	27,210	102,108	1,059	2,689	102
24	5,017,554	2,075,657	11,345	590,957	2,254,475	23,559	59,322	2,239
25	\$ 180,786,103							
26	Wholesale Sales Revenues							
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-
38	-	-	-	-	-	-	-	-
39	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-
41	-	-	-	-	-	-	-	-
42	-	-	-	-	-	-	-	-
43	\$ -	-	-	-	-	-	-	-

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Line No.		Residential Basic 10	Residential w/Sp Htg 11	Residential Sp Htg & Cooling 14	Residential Dual-Fuel 15	Irrigation Int Irr 16 & 18	Irrigation Irr 17
1	Base Revenues Current Rates						
2	Production	15,014,378	5,235,220	189,456	968	40,249	13,768
3	Transmission	3,376,400	896,460	(18,689)	(177)	5,054	3,939
4	Distribution Substations	1,691,736	677,810	28,591	137	13,223	2,688
5	Distribution Primary	4,525,675	1,976,101	121,280	642	41,331	6,476
6	Distribution Secondary	2,506,771	1,085,357	64,645	340	22,556	3,627
7	Distribution - Transformers	1,153,817	423,694	8,884	28	7,607	2,002
8	Services	806,390	465,530	-	-	9,369	1,328
9	Meters	3,100,568	746,246	47,499	331	21,139	2,912
10	Customer Meter Reading	37,148	9,963	208	1	187	18
11	Customer Records	1,024,113	275,278	6,143	41	1,686	444
12	Customer Other	1,225,402	383,017	30,329	194	3,504	757
13	Street Lighting	-	-	-	-	-	-
14	Energy Related	75,660	15,223	(1,585)	(12)	63	160
15	Fuel	-	-	-	-	-	-
16	External Transmission	-	-	-	-	-	-
17	Ad Valorem	-	-	-	-	-	-
18	Total Base Rev Current Rates	34,538,058	12,189,899	476,761	2,494	165,969	38,119
19							
20	Fuel Revenue	9,754,926	4,600,954	370,354	2,227	62,761	8,556
21	Yankton Sioux Billing Credit	(24,460)	(11,537)	(929)	(6)	(157)	(21)
22	External Transmission Rev	3,708,408	1,735,251	138,951	833	27,041	3,666
23	Rate 38 -Other Transmission	63,087	29,520	2,364	14	460	62
24	Ad Valorem Revenue	1,378,609	645,083	51,655	310	9,991	1,354
25							
26	Wholesale Sales Revenues						
27	Production	-	-	-	-	-	-
28	Transmission	-	-	-	-	-	-
29	Distribution Substations	-	-	-	-	-	-
30	Distribution Primary	-	-	-	-	-	-
31	Distribution Secondary	-	-	-	-	-	-
32	Distribution - Transformers	-	-	-	-	-	-
33	Services	-	-	-	-	-	-
34	Meters	-	-	-	-	-	-
35	Customer Meter Reading	-	-	-	-	-	-
36	Customer Records	-	-	-	-	-	-
37	Customer Other	-	-	-	-	-	-
38	Street Lighting	-	-	-	-	-	-
39	Energy Related	-	-	-	-	-	-
40	Fuel	-	-	-	-	-	-
41	External Transmission	-	-	-	-	-	-
42	Ad Valorem	-	-	-	-	-	-
43	Total Wholesale Revenues	-	-	-	-	-	-

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Line No.	Total	Total Residential	Total Irrigation	Total Commercial	Total Comm & Ind	Total Municipal	Total Lighting	Controlled Off-Peak 70	
1	Other Revenues								
2	Production	1,303,404	498,673	1,611	127,084	666,233	4,163	4,659	981
3	Transmission	6,648,447	2,543,648	8,218	648,235	3,398,345	21,235	23,765	5,001
4	Distribution Substations	38,465	18,415	159	3,996	15,354	124	385	31
5	Distribution Primary	200,871	96,166	830	20,870	80,182	647	2,012	163
6	Distribution Secondary	71,955	50,803	439	11,025	8,197	342	1,063	86
7	Distribution - Transformers	29,531	14,138	122	3,068	11,788	95	296	24
8	Services	16,440	9,957	98	1,168	5,158	50	-	10
9	Meters	32,595	23,757	174	5,747	2,737	175	-	5
10	Customer Meter Reading	439	204	1	52	175	5	-	0
11	Customer Records	7,983	6,277	10	1,215	323	34	123	0
12	Customer Other	13,395	7,356	20	1,616	3,932	55	412	4
13	Street Lighting	6,122	-	-	-	-	-	6,122	-
14	Energy Related	1,573	541	3	142	863	7	15	1
15	Fuel	-	-	-	-	-	-	-	-
16	External Transmission	-	-	-	-	-	-	-	-
17	Ad Valorem	-	-	-	-	-	-	-	-
18	Total Other Revenues	\$ 8,371,220	3,269,934	11,685	824,220	4,193,288	26,934	38,852	6,307
19									
20	Total Revenue								
21	Production	62,141,743	20,938,695	55,628	6,115,588	34,546,194	305,339	137,418	42,881
22	Transmission	20,697,136	6,797,641	17,211	2,040,400	11,678,999	108,338	40,504	14,042
23	Distribution Substations	5,650,532	2,416,688	16,070	579,826	2,568,298	29,709	35,602	4,338
24	Distribution Primary	15,215,675	6,719,863	48,637	1,566,687	6,685,768	71,540	111,320	11,859
25	Distribution Secondary	5,624,974	3,707,916	26,623	866,949	916,100	40,076	60,755	6,555
26	Distribution - Transformers	3,856,761	1,600,561	9,731	394,528	1,806,055	22,229	20,737	2,920
27	Services	2,263,224	1,281,877	10,795	183,378	776,258	9,595	-	1,322
28	Meters	5,724,320	3,918,400	24,225	1,146,986	592,160	41,654	-	894
29	Customer Meter Reading	107,059	47,525	206	12,935	44,834	1,447	-	111
30	Customer Records	1,688,156	1,311,853	2,141	267,909	72,322	7,829	26,025	78
31	Customer Other	3,072,669	1,646,299	4,281	384,983	926,987	14,474	94,780	865
32	Street Lighting	1,483,240	-	-	-	-	-	1,483,240	-
33	Energy Related	360,352	89,828	226	31,301	234,944	3,412	501	141
34	Fuel	42,583,147	14,691,529	71,139	3,863,897	23,348,239	179,751	407,999	20,593
35	External Transmission	13,670,780	5,678,427	31,229	1,626,694	6,104,283	63,296	160,753	6,098
36	Ad Valorem	5,017,554	2,075,657	11,345	590,957	2,254,475	23,559	59,322	2,239
37	Total Revenues	\$ 189,157,323	72,922,760	329,486	19,673,018	92,555,916	922,249	2,638,956	114,938

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1	Other Revenues					
2	333,496	152,903	12,201	73	1,415	196
3	1,701,106	779,934	62,235	372	7,219	1,000
4	11,591	6,198	623	4	147	12
5	60,528	32,364	3,255	19	770	61
6	31,976	17,098	1,719	10	407	32
7	8,898	4,758	478	3	113	9
8	5,910	4,047	-	-	90	7
9	18,134	5,144	475	4	161	13
10	159	45	1	0	1	0
11	4,884	1,360	32	0	8	2
12	5,401	1,794	159	1	17	3
13	-	-	-	-	-	-
14	360	168	13	0	2	0
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	2,182,444	1,005,813	81,193	485	10,351	1,334
19						
20	Total Revenue					
21	15,347,874	5,388,123	201,657	1,041	41,664	13,964
22	5,077,506	1,676,394	43,546	195	12,273	4,938
23	1,703,326	684,008	29,214	140	13,370	2,699
24	4,586,203	2,008,465	124,534	661	42,101	6,537
25	2,538,747	1,102,455	66,364	350	22,963	3,659
26	1,162,716	428,452	9,362	30	7,720	2,011
27	812,300	469,576	-	-	9,460	1,336
28	3,118,702	751,390	47,973	335	21,300	2,925
29	37,306	10,008	209	1	188	18
30	1,028,998	276,638	6,176	41	1,695	446
31	1,230,803	384,811	30,489	195	3,521	760
32	-	-	-	-	-	-
33	76,019	15,391	(1,572)	(11)	65	161
34	9,730,465	4,589,417	369,425	2,221	62,604	8,535
35	3,771,494	1,764,771	141,315	847	27,501	3,728
36	1,378,609	645,083	51,655	310	9,991	1,354
37	51,601,069	20,194,984	1,120,350	6,357	276,416	53,070

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Line No.	Commercial Gen Serv 21	Commercial Sep Mtr Water Htg 23	Commercial Comm Sp Htg & Cooling 24	Commercial All-Inclusive Comm 25	Comm & Ind 33	Comm & Ind Lg Comm & Ind 34	Municipal Pumping 41	Lighting Reddy-Guard Ltg 19	Lighting Hwy Str & Area Ltg 56	Controlled Off-Peak 70	
1	Other Revenues										
2	Production	65,093	498	31,443	30,049	124,703	541,530	4,163	1,324	3,335	981
3	Transmission	332,030	2,543	160,388	153,275	636,090	2,762,255	21,235	6,752	17,013	5,001
4	Distribution Substations	1,759	15	1,229	994	2,983	12,371	124	115	270	31
5	Distribution Primary	9,188	78	6,416	5,188	15,579	64,604	647	600	1,412	163
6	Distribution Secondary	4,854	41	3,390	2,741	8,197	-	342	317	746	86
7	Distribution - Transformers	1,351	11	943	763	2,290	9,498	95	88	208	24
8	Services	761	-	-	407	1,146	4,012	50	-	-	10
9	Meters	4,567	30	367	783	2,113	624	175	-	-	5
10	Customer Meter Reading	35	0	1	16	132	43	5	-	-	0
11	Customer Records	1,095	2	18	100	262	61	34	105	18	0
12	Customer Other	1,150	8	222	236	833	3,099	55	352	60	4
13	Street Lighting	-	-	-	-	-	-	-	877	5,245	-
14	Energy Related	67	1	38	37	147	716	7	5	11	1
15	Fuel	-	-	-	-	-	-	-	-	-	-
16	External Transmission	-	-	-	-	-	-	-	-	-	-
17	Ad Valorem	-	-	-	-	-	-	-	-	-	-
18	Total Other Revenues	421,950	3,227	204,455	194,589	794,475	3,398,813	26,934	10,534	28,318	6,307
19											
20	Total Revenue										
21	Production	4,101,782	15,651	718,211	1,279,945	8,656,973	25,889,221	305,339	69,335	68,083	42,881
22	Transmission	1,428,200	4,708	190,678	416,814	3,051,839	8,627,160	108,338	23,480	17,025	14,042
23	Distribution Substations	359,998	1,451	83,918	134,459	675,291	1,893,007	29,709	19,360	16,242	4,338
24	Distribution Primary	894,681	4,450	297,029	370,527	1,644,002	5,041,766	71,540	50,305	61,015	11,859
25	Distribution Secondary	499,446	2,433	160,437	204,633	916,100	-	40,076	27,949	32,806	6,555
26	Distribution - Transformers	262,947	865	40,891	89,825	501,141	1,304,914	22,229	13,636	7,101	2,920
27	Services	130,183	-	-	53,195	210,695	565,563	9,595	-	-	1,322
28	Meters	972,028	4,082	42,644	128,232	482,168	109,992	41,654	-	-	894
29	Customer Meter Reading	8,988	13	124	3,810	34,599	10,235	1,447	-	-	111
30	Customer Records	243,114	370	3,577	20,848	59,318	13,004	7,829	22,598	3,426	78
31	Customer Other	286,389	1,684	44,138	52,772	213,959	713,027	14,474	83,015	11,766	865
32	Street Lighting	-	-	-	-	-	-	-	270,190	1,213,050	-
33	Energy Related	26,684	25	(1,785)	6,377	69,289	165,655	3,412	1,294	(793)	141
34	Fuel	1,803,065	14,144	1,044,389	1,002,299	3,964,583	19,383,656	179,751	122,203	285,796	20,593
35	External Transmission	761,251	5,891	439,230	420,322	1,524,617	4,579,665	63,296	47,927	112,826	6,098
36	Ad Valorem	276,553	2,140	159,567	152,698	563,082	1,691,393	23,559	17,686	41,636	2,239
37	Total Revenues	12,055,307	57,908	3,223,048	4,336,755	22,567,657	69,988,259	922,249	768,979	1,869,977	114,938

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Line No.	Total	Total Residential	Total Irrigation	Total Commercial	Total Comm & Ind	Total Municipal	Total Lighting	Controlled Off-Peak 70	
1	O&M Expenses								
2	Production	18,619,793	7,123,798	23,016	1,815,461	9,517,483	59,472	66,556	14,007
3	Transmission	3,698,215	1,414,910	4,571	360,582	1,890,338	11,812	13,219	2,782
4	Distribution Substations	1,615,864	773,584	6,681	167,886	645,010	5,207	16,186	1,309
5	Distribution Primary	4,973,874	2,381,208	20,564	516,780	1,985,439	16,029	49,824	4,030
6	Distribution Secondary	1,827,453	1,290,253	11,143	280,016	208,175	8,685	26,997	2,184
7	Distribution - Transformers	544,310	260,585	2,250	56,553	217,274	1,754	5,452	441
8	Services	695,759	421,392	4,131	49,423	218,274	2,119	-	421
9	Meters	2,604,333	1,898,153	13,885	459,196	218,666	14,005	-	429
10	Customer Meter Reading	80,657	37,550	172	9,633	32,215	999	-	88
11	Customer Records	1,469,348	1,155,279	1,924	223,640	59,532	6,293	22,611	69
12	Customer Other	2,265,686	1,244,214	3,369	273,349	665,044	9,352	69,708	650
13	Street Lighting	763,537	-	-	-	-	763,537	-	-
14	Energy Related	1,139	392	2	103	625	5	11	1
15	Fuel	53,531,394	18,468,763	89,429	4,857,316	29,351,137	225,965	512,897	25,887
16	External Transmission	19,967,717	8,293,984	45,613	2,375,971	8,915,994	92,451	234,798	8,907
17	Ad Valorem	-	-	-	-	-	-	-	-
18	Total O&M Expense	\$ 112,659,080	44,764,065	226,750	11,445,909	53,925,206	454,148	1,781,796	61,206
19	Depreciation								
20	Production	20,933,349	8,008,948	25,876	2,041,037	10,700,054	66,861	74,825	15,748
22	Transmission	7,355,543	2,814,178	9,092	717,178	3,759,776	23,494	26,292	5,533
23	Distribution Substations	1,907,774	913,333	7,888	198,216	761,533	6,148	19,110	1,546
24	Distribution Primary	6,290,240	3,011,409	26,006	653,549	2,510,898	20,271	63,010	5,097
25	Distribution Secondary	2,331,790	1,646,334	14,218	357,295	265,627	11,082	34,448	2,787
26	Distribution - Transformers	1,464,766	701,247	6,056	152,188	584,696	4,720	14,673	1,187
27	Services	1,066,515	645,943	6,333	75,760	334,587	3,248	-	645
28	Meters	1,807,384	1,317,301	9,636	318,678	151,752	9,719	-	298
29	Customer Meter Reading	17,648	8,216	38	2,108	7,048	219	-	19
30	Customer Records	192,746	151,548	252	29,337	7,809	826	2,966	9
31	Customer Other	593,027	325,664	882	71,547	174,070	2,448	18,245	170
32	Street Lighting	844,596	-	-	-	-	844,596	-	-
33	Energy Related	-	-	-	-	-	-	-	-
34	Fuel	-	-	-	-	-	-	-	-
35	External Transmission	-	-	-	-	-	-	-	-
36	Ad Valorem	-	-	-	-	-	-	-	-
37	Total Depreciation Exp	\$ 44,805,379	19,544,120	106,276	4,616,890	19,257,852	149,035	1,098,166	33,039

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1	O&M Expenses					
2	4,764,157	2,184,301	174,297	1,043	20,217	2,799
3	946,244	433,840	34,618	207	4,015	556
4	486,904	260,348	26,181	150	6,193	487
5	1,498,764	801,390	80,590	463	19,064	1,500
6	812,102	434,232	43,668	251	10,330	813
7	164,015	87,699	8,819	51	2,086	164
8	250,134	171,258	-	-	3,830	301
9	1,448,930	411,027	37,916	280	12,881	1,004
10	29,122	8,237	190	1	160	12
11	899,010	250,275	5,954	40	1,563	361
12	913,615	303,462	26,962	175	2,873	496
13	-	-	-	-	-	-
14	260	122	10	0	2	0
15	12,232,195	5,769,370	464,405	2,793	78,700	10,729
16	5,508,693	2,577,647	206,407	1,237	40,168	5,445
17	-	-	-	-	-	-
18	29,954,146	13,693,208	1,110,019	6,691	202,080	24,670
19						
20	Depreciation					
21	5,356,115	2,455,706	195,954	1,172	22,729	3,147
22	1,882,027	862,884	68,854	412	7,986	1,106
23	574,864	307,380	30,911	177	7,312	576
24	1,895,421	1,013,483	101,919	585	24,109	1,898
25	1,036,225	554,070	55,719	320	13,180	1,037
26	441,374	236,003	23,733	136	5,614	442
27	383,425	262,517	-	-	5,870	462
28	1,005,544	285,249	26,313	194	8,939	697
29	6,372	1,802	42	0	35	3
30	117,931	32,831	781	5	205	47
31	239,132	79,429	7,057	46	752	130
32	-	-	-	-	-	-
33	-	-	-	-	-	-
34	-	-	-	-	-	-
35	-	-	-	-	-	-
36	-	-	-	-	-	-
37	12,938,431	6,091,356	511,284	3,048	96,732	9,544

NorthWestern Corporation dba NorthWestern Energy
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South Dakota Electric
Test Year Ended December 31, 2022

Line No.	Commercial Gen Serv 21	Commercial Sep Mtr Water Htg 23	Commercial Comm Sp Htg & Cooling 24	Commercial All-Inclusive Comm 25	Comm & Ind 33	Comm & Ind Lg Comm & Ind 34	Municipal Pumping 41	Lighting Reddy-Guard Ltg 19	Lighting Hwy Str & Area Ltg 56	Controlled Off-Peak 70	
1	O&M Expenses										
2	Production	929,891	7,121	449,185	429,264	1,781,448	7,736,036	59,472	18,910	47,646	14,007
3	Transmission	184,693	1,414	89,216	85,259	353,826	1,536,511	11,812	3,756	9,463	2,782
4	Distribution Substations	73,907	626	51,615	41,738	125,321	519,689	5,207	4,826	11,361	1,309
5	Distribution Primary	227,498	1,927	158,880	128,475	385,758	1,599,681	16,029	14,854	34,970	4,030
6	Distribution Secondary	123,269	1,044	86,089	69,614	208,175	-	8,685	8,049	18,948	2,184
7	Distribution - Transformers	24,896	211	17,387	14,059	42,215	175,059	1,754	1,626	3,827	441
8	Services	32,190	-	-	17,233	48,497	169,777	2,119	-	-	421
9	Meters	364,935	2,384	29,305	62,572	168,809	49,857	14,005	-	-	429
10	Customer Meter Reading	6,489	11	109	3,024	24,293	7,922	999	-	-	88
11	Customer Records	201,511	339	3,374	18,415	48,234	11,297	6,293	19,352	3,259	69
12	Customer Other	194,578	1,358	37,496	39,917	140,869	524,175	9,352	59,559	10,149	650
13	Street Lighting	-	-	-	-	-	-	-	109,339	654,199	-
14	Energy Related	48	0	28	27	106	519	5	3	8	1
15	Fuel	2,266,639	17,780	1,312,904	1,259,993	4,983,889	24,367,248	225,965	153,621	359,275	25,887
16	External Transmission	1,111,893	8,604	641,546	613,928	2,226,875	6,689,118	92,451	70,002	164,796	8,907
17	Ad Valorem	-	-	-	-	-	-	-	-	-	-
18	Total O&M Expense	5,742,437	42,821	2,877,135	2,783,517	10,538,317	43,386,889	454,148	463,897	1,317,899	61,206
19											
20	Depreciation										
21	Production	1,045,432	8,006	504,997	482,601	2,002,797	8,697,257	66,861	21,259	53,566	15,748
22	Transmission	367,343	2,813	177,446	169,576	703,741	3,056,035	23,494	7,470	18,822	5,533
23	Distribution Substations	87,259	739	60,940	49,278	147,961	613,572	6,148	5,698	13,413	1,546
24	Distribution Primary	287,706	2,438	200,929	162,476	487,852	2,023,046	20,271	18,786	44,224	5,097
25	Distribution Secondary	157,289	1,333	109,847	88,826	265,627	-	11,082	10,270	24,177	2,787
26	Distribution - Transformers	66,996	568	46,789	37,835	113,603	471,093	4,720	4,375	10,298	1,187
27	Services	49,344	-	-	26,416	74,339	260,248	3,248	-	-	645
28	Meters	253,262	1,654	20,338	43,424	117,152	34,600	9,719	-	-	298
29	Customer Meter Reading	1,420	2	24	662	5,315	1,733	219	-	-	19
30	Customer Records	26,434	44	443	2,416	6,327	1,482	826	2,539	427	9
31	Customer Other	50,929	356	9,814	10,448	36,871	137,199	2,448	15,589	2,656	170
32	Street Lighting	-	-	-	-	-	-	-	120,946	723,650	-
33	Energy Related	-	-	-	-	-	-	-	-	-	-
34	Fuel	-	-	-	-	-	-	-	-	-	-
35	External Transmission	-	-	-	-	-	-	-	-	-	-
36	Ad Valorem	-	-	-	-	-	-	-	-	-	-
37	Total Depreciation Exp	2,393,415	17,953	1,131,566	1,073,957	3,961,586	15,296,266	149,035	206,931	891,235	33,039

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Line No.	Total	Total Residential	Total Irrigation	Total Commercial	Total Comm & Ind	Total Municipal	Total Lighting	Controlled Off-Peak 70
1	Regulatory Credits							
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	(22,624)	(9,359)	(51)	(2,665)	(10,165)	(106)	(267)	(10)
18	\$ (22,624)	(9,359)	(51)	(2,665)	(10,165)	(106)	(267)	(10)
19	Taxes Other Than Income Taxes							
21	232,893	89,103	288	22,707	119,043	744	832	175
22	167,247	63,987	207	16,307	85,488	534	598	126
23	91,410	43,762	378	9,497	36,488	295	916	74
24	226,563	108,466	937	23,540	90,438	730	2,270	184
25	84,720	59,815	517	12,981	9,651	403	1,252	101
26	51,727	24,764	214	5,374	20,648	167	518	42
27	41,202	24,954	245	2,927	12,926	125	-	25
28	106,599	77,694	568	18,795	8,950	573	-	18
29	2,483	1,156	5	297	992	31	-	3
30	28,388	22,320	37	4,321	1,150	122	437	1
31	82,535	45,325	123	9,958	24,226	341	2,539	24
32	33,556	-	-	-	-	-	33,556	-
33	31,098	10,707	54	2,816	17,071	131	304	15
34	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-
36	5,167,696	2,137,767	11,685	608,640	2,321,937	24,264	61,097	2,306
37	\$ 6,348,116	2,709,821	15,256	738,161	2,749,008	28,459	104,318	3,093
	\$ 25,367,373							
	Net Operating Inc Bef Inc Taxes							

NorthWestern Corporation dba NorthWestern Energy
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South Dakota Electric
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Line No.		Residential Basic 10	Residential w/Sp Htg 11	Residential Sp Htg & Cooling 14	Residential Dual-Fuel 15	Irrigation Int Irr 16 & 18	Irrigation Irr 17
1	Regulatory Credits						
2	Production	-	-	-	-	-	-
3	Transmission	-	-	-	-	-	-
4	Distribution Substations	-	-	-	-	-	-
5	Distribution Primary	-	-	-	-	-	-
6	Distribution Secondary	-	-	-	-	-	-
7	Distribution - Transformers	-	-	-	-	-	-
8	Services	-	-	-	-	-	-
9	Meters	-	-	-	-	-	-
10	Customer Meter Reading	-	-	-	-	-	-
11	Customer Records	-	-	-	-	-	-
12	Customer Other	-	-	-	-	-	-
13	Street Lighting	-	-	-	-	-	-
14	Energy Related	-	-	-	-	-	-
15	Fuel	-	-	-	-	-	-
16	External Transmission	-	-	-	-	-	-
17	Ad Valorem	(6,216)	(2,909)	(233)	(1)	(45)	(6)
18	Total Regulatory Credits	(6,216)	(2,909)	(233)	(1)	(45)	(6)
19							
20	Taxes Other Than Income Taxes						
21	Production	59,589	27,321	2,180	13	253	35
22	Transmission	42,793	19,620	1,566	9	182	25
23	Distribution Substations	27,544	14,728	1,481	9	350	28
24	Distribution Primary	68,270	36,504	3,671	21	868	68
25	Distribution Secondary	37,649	20,131	2,024	12	479	38
26	Distribution - Transformers	15,587	8,334	838	5	198	16
27	Services	14,813	10,142	-	-	227	18
28	Meters	59,306	16,824	1,552	11	527	41
29	Customer Meter Reading	896	254	6	0	5	0
30	Customer Records	17,369	4,835	115	1	30	7
31	Customer Other	33,281	11,055	982	6	105	18
32	Street Lighting	-	-	-	-	-	-
33	Energy Related	7,111	3,328	266	2	48	6
34	Fuel	-	-	-	-	-	-
35	External Transmission	-	-	-	-	-	-
36	Ad Valorem	1,419,861	664,386	53,201	319	10,290	1,395
37	Total Taxes Oth Than Income	1,804,070	837,460	67,883	408	13,561	1,695
	Net Operating Inc Bef Inc Taxes						

NorthWestern Corporation dba NorthWestern Energy
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South Dakota Electric
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Line No.	Commercial Gen Serv 21	Commercial Sep Mtr Water Htg 23	Commercial Comm Sp Htg & Cooling 24	Commercial All-Inclusive Comm 25	Comm & Ind 33	Comm & Ind Lg Comm & Ind 34	Municipal Pumping 41	Lighting Reddy-Guard Ltg 19	Lighting Hwy Str & Area Ltg 56	Controlled Off-Peak 70
1	Regulatory Credits									
2	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-
17	(1,247)	(10)	(719)	(689)	(2,539)	(7,626)	(106)	(80)	(188)	(10)
18	(1,247)	(10)	(719)	(689)	(2,539)	(7,626)	(106)	(80)	(188)	(10)
19										
20	Taxes Other Than Income Taxes									
21	11,631	89	5,618	5,369	22,282	96,761	744	237	596	175
22	8,352	64	4,035	3,856	16,001	69,487	534	170	428	126
23	4,181	35	2,920	2,361	7,089	29,399	295	273	643	74
24	10,363	88	7,237	5,852	17,572	72,867	730	677	1,593	184
25	5,715	48	3,991	3,227	9,651	-	403	373	878	101
26	2,366	20	1,652	1,336	4,012	16,636	167	154	364	42
27	1,906	-	-	1,021	2,872	10,054	125	-	-	25
28	14,937	98	1,199	2,561	6,910	2,041	573	-	-	18
29	200	0	3	93	748	244	31	-	-	3
30	3,893	7	65	356	932	218	122	374	63	1
31	7,088	49	1,366	1,454	5,132	19,095	341	2,170	370	24
32	-	-	-	-	-	-	-	4,805	28,750	-
33	1,318	10	760	728	2,905	14,165	131	91	214	15
34	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-
36	284,828	2,204	164,341	157,267	579,931	1,742,005	24,264	18,215	42,882	2,306
37	356,778	2,713	193,189	185,481	676,036	2,072,972	28,459	27,538	76,780	3,093
	Net Operating Inc Bef Inc Taxes									

NorthWestern Corporation dba NorthWestern Energy
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South Dakota Electric
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Line No.	Total	Total Residential	Total Irrigation	Total Commercial	Total Comm & Ind	Total Municipal	Total Lighting	Controlled Off-Peak 70
1	Interest Expense							
2	8,508,359	3,255,236	10,517	829,579	4,349,036	27,176	30,413	6,401
3	3,362,602	1,286,507	4,157	327,859	1,718,790	10,740	12,019	2,530
4	852,063	407,919	3,523	88,528	340,121	2,746	8,535	690
5	1,667,516	798,312	6,894	173,253	665,628	5,374	16,704	1,351
6	649,742	458,743	3,962	99,558	74,016	3,088	9,599	776
7	726,149	347,639	3,002	75,446	289,860	2,340	7,274	588
8	212,940	128,968	1,264	15,126	66,803	648	-	129
9	511,385	372,720	2,726	90,167	42,937	2,750	-	84
10	3,223	1,500	7	385	1,287	40	-	4
11	34,919	27,455	46	5,315	1,415	150	537	2
12	108,510	59,589	161	13,091	31,851	448	3,338	31
13	96,184	-	-	-	-	-	96,184	-
14	114,174	39,310	198	10,340	62,673	481	1,117	55
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	\$ 16,847,765	7,183,900	36,458	1,728,649	7,644,417	55,980	185,721	12,641
19	Taxable Income							
20	13,847,349	2,461,610	(4,069)	1,406,803	9,860,577	151,087	(35,209)	6,550
22	6,113,529	1,218,059	(816)	618,473	4,224,607	61,758	(11,624)	3,071
23	1,183,422	278,090	(2,399)	115,698	785,146	15,314	(9,145)	719
24	2,057,482	420,470	(5,764)	199,566	1,433,364	29,137	(20,487)	1,197
25	731,270	252,770	(3,216)	117,099	358,632	16,818	(11,540)	707
26	1,069,809	266,327	(1,791)	104,966	693,577	13,248	(7,180)	662
27	246,808	60,619	(1,177)	40,142	143,668	3,454	-	102
28	694,618	252,532	(2,591)	260,150	169,853	14,607	-	65
29	3,049	(897)	(16)	513	3,292	159	-	(2)
30	(37,244)	(44,749)	(118)	5,297	2,416	439	(527)	(3)
31	22,910	(28,493)	(254)	17,037	31,795	1,885	949	(10)
32	(254,633)	-	-	-	-	-	(254,633)	-
33	213,941	39,418	(29)	18,042	154,576	2,795	(931)	71
34	(10,948,247)	(3,777,234)	(18,290)	(993,419)	(6,002,898)	(46,214)	(104,898)	(5,294)
35	(6,296,937)	(2,615,556)	(14,384)	(749,276)	(2,811,711)	(29,155)	(74,045)	(2,809)
36	(127,518)	(52,751)	(288)	(15,019)	(57,296)	(599)	(1,508)	(57)
37	\$ 8,519,608	(1,269,786)	(55,204)	1,146,073	8,989,599	234,734	(530,778)	4,969

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Line No.	Residential Basic 10	Residential w/Sp Htg 11	Residential Sp Htg & Cooling 14	Residential Dual-Fuel 15	Irrigation Int Irr 16 & 18	Irrigation Irr 17
1	Interest Expense					
2	2,176,993	998,122	79,646	476	9,238	1,279
3	860,373	394,469	31,477	188	3,651	506
4	256,750	137,284	13,806	79	3,266	257
5	502,468	268,670	27,018	155	6,391	503
6	288,739	154,389	15,526	89	3,673	289
7	218,809	116,997	11,766	68	2,783	219
8	76,554	52,414	-	-	1,172	92
9	284,511	80,709	7,445	55	2,529	197
10	1,164	329	8	0	6	0
11	21,365	5,948	141	1	37	9
12	43,756	14,534	1,291	8	138	24
13	-	-	-	-	-	-
14	26,109	12,217	978	6	175	24
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	4,757,590	2,236,082	189,102	1,126	33,059	3,399
19						
20	Taxable Income					
21	2,991,020	(277,327)	(250,420)	(1,664)	(10,772)	6,704
22	1,346,069	(34,419)	(92,969)	(622)	(3,562)	2,746
23	357,264	(35,733)	(43,165)	(275)	(3,751)	1,352
24	621,280	(111,583)	(88,665)	(563)	(8,331)	2,567
25	364,032	(60,367)	(50,573)	(321)	(4,698)	1,482
26	322,931	(20,581)	(35,794)	(229)	(2,962)	1,170
27	87,374	(26,754)	-	-	(1,639)	462
28	320,411	(42,420)	(25,253)	(205)	(3,576)	985
29	(248)	(614)	(36)	(0)	(18)	2
30	(26,677)	(17,251)	(816)	(6)	(141)	22
31	1,019	(23,668)	(5,804)	(41)	(346)	92
32	-	-	-	-	-	-
33	42,539	(275)	(2,826)	(19)	(159)	130
34	(2,501,730)	(1,179,952)	(94,980)	(571)	(16,096)	(2,194)
35	(1,737,199)	(812,876)	(65,092)	(390)	(12,667)	(1,717)
36	(35,036)	(16,394)	(1,313)	(8)	(254)	(34)
37	2,153,049	(2,660,215)	(757,706)	(4,914)	(68,972)	13,768

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South Dakota Electric
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Line No.	Commercial Gen Serv 21	Commercial Sep Mtr Water Htg 23	Commercial Comm Sp Htg & Cooling 24	Commercial All-Inclusive Comm 25	Comm & Ind 33	Comm & Ind Lg Comm & Ind 34	Municipal Pumping 41	Lighting Reddy-Guard Ltg 19	Lighting Hwy Str & Area Ltg 56	Controlled Off-Peak 70	
1	Interest Expense										
2	Production	424,916	3,254	205,256	196,153	814,037	3,535,000	27,176	8,641	21,772	6,401
3	Transmission	167,932	1,286	81,120	77,522	321,717	1,397,073	10,740	3,415	8,605	2,530
4	Distribution Substations	38,972	330	27,217	22,009	66,083	274,038	2,746	2,545	5,991	690
5	Distribution Primary	76,270	646	53,265	43,072	129,327	536,301	5,374	4,980	11,724	1,351
6	Distribution Secondary	43,828	371	30,608	24,751	74,016	-	3,088	2,862	6,737	776
7	Distribution - Transformers	33,213	281	23,195	18,756	56,318	233,542	2,340	2,169	5,105	588
8	Services	9,852	-	-	5,274	14,843	51,961	648	-	-	129
9	Meters	71,658	468	5,754	12,287	33,147	9,790	2,750	-	-	84
10	Customer Meter Reading	259	0	4	121	971	317	40	-	-	4
11	Customer Records	4,789	8	80	438	1,146	268	150	460	77	2
12	Customer Other	9,319	65	1,796	1,912	6,747	25,104	448	2,852	486	31
13	Street Lighting	-	-	-	-	-	-	-	13,774	82,410	-
14	Energy Related	4,839	37	2,792	2,672	10,666	52,007	481	333	784	55
15	Fuel	-	-	-	-	-	-	-	-	-	-
16	External Transmission	-	-	-	-	-	-	-	-	-	-
17	Ad Valorem	-	-	-	-	-	-	-	-	-	-
18	Total Interest Expense	885,846	6,748	431,089	404,966	1,529,017	6,115,400	55,980	42,030	143,691	12,641
19											
20	Taxable Income										
21	Production	1,689,911	(2,819)	(446,846)	166,557	4,036,410	5,824,167	151,087	20,288	(55,497)	6,550
22	Transmission	699,880	(869)	(161,138)	80,600	1,656,554	2,568,054	61,758	8,669	(20,293)	3,071
23	Distribution Substations	155,679	(280)	(58,775)	19,074	328,836	456,310	15,314	6,019	(15,165)	719
24	Distribution Primary	292,844	(649)	(123,282)	30,652	623,493	809,871	29,137	11,008	(31,496)	1,197
25	Distribution Secondary	169,346	(364)	(70,099)	18,215	358,632	-	16,818	6,395	(17,935)	707
26	Distribution - Transformers	135,475	(215)	(48,132)	17,838	284,994	408,583	13,248	5,313	(12,493)	662
27	Services	36,890	-	-	3,252	70,145	73,523	3,454	-	-	102
28	Meters	267,236	(521)	(13,953)	7,389	156,149	13,704	14,607	-	-	65
29	Customer Meter Reading	620	(1)	(16)	(89)	3,273	19	159	-	-	(2)
30	Customer Records	6,487	(28)	(385)	(776)	2,678	(262)	439	(126)	(401)	(3)
31	Customer Other	24,475	(144)	(6,335)	(959)	24,341	7,454	1,885	2,845	(1,895)	(10)
32	Street Lighting	-	-	-	-	-	-	-	21,327	(275,960)	-
33	Energy Related	20,479	(23)	(5,365)	2,951	55,611	98,964	2,795	867	(1,799)	71
34	Fuel	(463,573)	(3,636)	(268,515)	(257,694)	(1,019,306)	(4,983,593)	(46,214)	(31,419)	(73,479)	(5,294)
35	External Transmission	(350,642)	(2,713)	(202,315)	(193,606)	(702,258)	(2,109,453)	(29,155)	(22,076)	(51,969)	(2,809)
36	Ad Valorem	(7,028)	(54)	(4,055)	(3,881)	(14,310)	(42,986)	(599)	(449)	(1,058)	(57)
37	Total Taxable Income	2,678,078	(12,317)	(1,409,211)	(110,476)	5,865,240	3,124,358	234,734	28,662	(559,440)	4,969

NorthWestern Corporation dba NorthWestern Energy
Class Cost of Service Study
Calculation Income Taxes Current Rates
South Dakota Electric
Test Year Ended December 31, 2022

Line No.	Total	Total Residential	Total Irrigation	Total Commercial	Total Comm & Ind	Total Municipal	Total Lighting	Controlled Off-Peak 70
1	Income Taxes Net of NOL							
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	\$ -	-	-	-	-	-	-	-
19								
20	Adjustments to Taxes							
21	(4,848,012)	(1,854,814)	(5,993)	(472,689)	(2,478,055)	(15,485)	(17,329)	(3,647)
22	(1,275,096)	(487,842)	(1,576)	(124,324)	(651,763)	(4,073)	(4,558)	(959)
23	(470,534)	(225,265)	(1,945)	(48,888)	(187,825)	(1,516)	(4,713)	(381)
24	(1,179,368)	(564,614)	(4,876)	(122,535)	(470,773)	(3,801)	(11,814)	(956)
25	(443,744)	(313,300)	(2,706)	(67,994)	(50,549)	(2,109)	(6,555)	(530)
26	(339,734)	(162,645)	(1,405)	(35,298)	(135,613)	(1,095)	(3,403)	(275)
27	(170,860)	(103,483)	(1,015)	(12,137)	(53,602)	(520)	-	(103)
28	(418,076)	(304,712)	(2,229)	(73,715)	(35,103)	(2,248)	-	(69)
29	(6,950)	(3,236)	(15)	(830)	(2,776)	(86)	-	(8)
30	(111,473)	(87,646)	(146)	(16,967)	(4,516)	(477)	(1,715)	(5)
31	(208,385)	(114,436)	(310)	(25,141)	(61,167)	(860)	(6,411)	(60)
32	(131,711)	-	-	-	-	-	(131,711)	-
33	(35,903)	(12,361)	(62)	(3,251)	(19,708)	(151)	(351)	(17)
34	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-
37	\$ (9,639,847)	(4,234,355)	(22,277)	(1,003,769)	(4,151,451)	(32,421)	(188,562)	(7,011)

NorthWestern Corporation dba NorthWestern Energy
Class Cost of Service Study
Calculation Income Taxes Current Rates
South Dakota Electric
Test Year Ended December 31, 2022

Line No.	Residential Basic 10	Residential w/Sp Htg 11	Residential Sp Htg & Cooling 14	Residential Dual-Fuel 15	Irrigation Int Irr 16 & 18	Irrigation Irr 17
1	Income Taxes Net of NOL					
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	-	-	-	-	-	-
8	-	-	-	-	-	-
9	-	-	-	-	-	-
10	-	-	-	-	-	-
11	-	-	-	-	-	-
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	-	-	-	-	-	-
19						
20	Adjustments to Taxes					
21	(1,240,438)	(568,724)	(45,382)	(271)	(5,264)	(729)
22	(326,253)	(149,582)	(11,936)	(71)	(1,384)	(192)
23	(141,785)	(75,812)	(7,624)	(44)	(1,803)	(142)
24	(355,376)	(190,020)	(19,109)	(110)	(4,520)	(356)
25	(197,195)	(105,441)	(10,603)	(61)	(2,508)	(197)
26	(102,371)	(54,738)	(5,505)	(32)	(1,302)	(102)
27	(61,426)	(42,056)	-	-	(940)	(74)
28	(232,598)	(65,983)	(6,087)	(45)	(2,068)	(161)
29	(2,509)	(710)	(16)	(0)	(14)	(1)
30	(68,204)	(18,987)	(452)	(3)	(119)	(27)
31	(84,029)	(27,911)	(2,480)	(16)	(264)	(46)
32	-	-	-	-	-	-
33	(8,210)	(3,842)	(308)	(2)	(55)	(7)
34	-	-	-	-	-	-
35	-	-	-	-	-	-
36	-	-	-	-	-	-
37	(2,820,394)	(1,303,805)	(109,501)	(655)	(20,242)	(2,035)

NorthWestern Corporation dba NorthWestern Energy
Class Cost of Service Study
Calculation Income Taxes Current Rates
South Dakota Electric
Test Year Ended December 31, 2022

Line No.	Commercial Gen Serv 21	Commercial Sep Mtr Water Htg 23	Commercial Comm Sp Htg & Cooling 24	Commercial All-Inclusive Comm 25	Comm & Ind 33	Comm & Ind Lg Comm & Ind 34	Municipal Pumping 41	Lighting Reddy-Guard Ltg 19	Lighting Hwy Str & Area Ltg 56	Controlled Off-Peak 70
1	Income Taxes Net of NOL									
2	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-
19										
20	Adjustments to Taxes									
21	(242,115)	(1,854)	(116,954)	(111,767)	(463,833)	(2,014,222)	(15,485)	(4,924)	(12,406)	(3,647)
22	(63,680)	(488)	(30,760)	(29,396)	(121,995)	(529,769)	(4,073)	(1,295)	(3,263)	(959)
23	(21,522)	(182)	(15,030)	(12,154)	(36,493)	(151,332)	(1,516)	(1,405)	(3,308)	(381)
24	(53,943)	(457)	(37,672)	(30,463)	(91,468)	(379,305)	(3,801)	(3,522)	(8,292)	(956)
25	(29,932)	(254)	(20,904)	(16,904)	(50,549)	-	(2,109)	(1,954)	(4,601)	(530)
26	(15,539)	(132)	(10,852)	(8,775)	(26,349)	(109,264)	(1,095)	(1,015)	(2,389)	(275)
27	(7,905)	-	-	(4,232)	(11,909)	(41,693)	(520)	-	-	(103)
28	(58,583)	(383)	(4,704)	(10,045)	(27,099)	(8,004)	(2,248)	-	-	(69)
29	(559)	(1)	(9)	(261)	(2,093)	(683)	(86)	-	-	(8)
30	(15,288)	(26)	(256)	(1,397)	(3,659)	(857)	(477)	(1,468)	(247)	(5)
31	(17,896)	(125)	(3,449)	(3,671)	(12,956)	(48,211)	(860)	(5,478)	(933)	(60)
32	-	-	-	-	-	-	-	(18,861)	(112,850)	-
33	(1,522)	(12)	(878)	(840)	(3,354)	(16,354)	(151)	(105)	(247)	(17)
34	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-	-	-
37	(528,483)	(3,912)	(241,470)	(229,905)	(851,759)	(3,299,692)	(32,421)	(40,027)	(148,535)	(7,011)

NorthWestern Corporation dba NorthWestern Energy
Class Cost of Service Study
Calculation Income Taxes Current Rates
South Dakota Electric
Test Year Ended December 31, 2022

Line No.	Total	Total Residential	Total Irrigation	Total Commercial	Total Comm & Ind	Total Municipal	Total Lighting	Controlled Off-Peak 70
1	Operating Income							
2	27,203,720	7,571,661	12,441	2,709,072	16,687,669	193,747	12,533	16,598
3	10,751,226	2,992,408	4,917	1,070,657	6,595,161	76,571	4,953	6,560
4	2,506,019	911,275	3,069	253,114	1,313,092	19,576	4,103	1,790
5	4,904,366	1,783,396	6,006	495,354	2,569,766	38,311	8,030	3,504
6	1,824,756	1,024,814	3,451	284,651	483,197	22,015	4,614	2,014
7	2,135,692	776,611	2,615	215,710	1,119,050	16,683	3,497	1,526
8	630,608	293,071	1,101	67,405	264,074	4,623	-	334
9	1,624,079	929,964	2,364	424,033	247,893	19,606	-	219
10	13,221	3,838	6	1,728	7,355	285	-	9
11	109,147	70,351	73	27,579	8,347	1,066	1,726	4
12	339,805	145,531	217	55,270	124,813	3,193	10,699	81
13	(26,738)	-	-	-	-	-	(26,738)	-
14	364,018	91,090	232	31,633	236,956	3,427	537	143
15	(10,948,247)	(3,777,234)	(18,290)	(993,419)	(6,002,898)	(46,214)	(104,898)	(5,294)
16	(6,296,937)	(2,615,556)	(14,384)	(749,276)	(2,811,711)	(29,155)	(74,045)	(2,809)
17	(127,518)	(52,751)	(288)	(15,019)	(57,296)	(599)	(1,508)	(57)
18	\$ 35,007,220	\$ 10,148,470	\$ 3,531	\$ 3,878,491	\$ 20,785,466	\$ 323,135	\$ (156,495)	\$ 24,621
19	Rate Base							
20	397,586,847	152,113,847	491,459	38,765,389	203,226,002	1,269,898	1,421,159	299,094
22	157,130,942	60,117,160	194,230	15,320,532	80,317,277	501,878	561,658	118,205
23	39,816,012	19,061,640	164,616	4,136,839	15,893,502	128,309	398,842	32,264
24	77,921,309	37,304,288	322,159	8,095,937	31,104,132	251,105	780,548	63,141
25	30,361,775	21,436,597	185,126	4,652,263	3,458,675	144,296	448,535	36,283
26	33,932,204	16,244,808	140,290	3,525,518	13,544,841	109,348	339,903	27,496
27	9,950,450	6,026,564	59,082	706,829	3,121,654	30,302	-	6,019
28	23,896,515	17,416,831	127,405	4,213,428	2,006,410	128,503	-	3,937
29	150,598	70,111	321	17,986	60,149	1,866	-	164
30	1,631,718	1,282,944	2,136	248,353	66,110	6,988	25,110	77
31	5,070,560	2,784,526	7,540	611,750	1,488,354	20,930	156,004	1,456
32	4,494,570	-	-	-	-	-	4,494,570	-
33	5,335,251	1,836,930	9,276	483,156	2,928,640	22,462	52,210	2,578
34	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-
37	\$ 787,278,751	\$ 335,696,246	\$ 1,703,638	\$ 80,777,981	\$ 357,215,746	\$ 2,615,886	\$ 8,678,540	\$ 590,714

NorthWestern Corporation dba NorthWestern Energy
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Calculation Income Taxes Current Rates
South Dakota Electric
Test Year Ended December 31, 2022

Line No.	Residential Basic 10	Residential w/Sp Htg 11	Residential Sp Htg & Cooling 14	Residential Dual-Fuel 15	Irrigation Int Irr 16 & 18	Irrigation Irr 17
1	Operating Income					
2	6,408,451	1,289,518	(125,392)	(916)	3,729	8,712
3	2,532,694	509,633	(49,557)	(362)	1,474	3,443
4	755,799	177,364	(21,736)	(152)	1,318	1,751
5	1,479,124	347,107	(42,537)	(298)	2,580	3,426
6	849,966	199,462	(24,444)	(171)	1,483	1,969
7	644,111	151,154	(18,524)	(130)	1,124	1,492
8	225,355	67,716	-	-	473	628
9	837,520	104,272	(11,722)	(106)	1,021	1,343
10	3,425	425	(12)	(0)	3	3
11	62,892	7,684	(223)	(2)	15	58
12	128,804	18,777	(2,033)	(16)	56	162
13	-	-	-	-	-	-
14	76,858	15,784	(1,540)	(11)	71	161
15	(2,501,730)	(1,179,952)	(94,980)	(571)	(16,096)	(2,194)
16	(1,737,199)	(812,876)	(65,092)	(390)	(12,667)	(1,717)
17	(35,036)	(16,394)	(1,313)	(8)	(254)	(34)
18	\$ 9,731,033	\$ 879,673	\$ (459,103)	\$ (3,133)	\$ (15,671)	\$ 19,202
19						
20	Rate Base					
21	101,728,630	46,641,200	3,721,754	22,263	431,685	59,774
22	40,204,337	18,433,144	1,470,880	8,799	170,607	23,623
23	11,997,652	6,415,155	645,129	3,704	152,605	12,011
24	23,479,819	12,554,680	1,262,540	7,249	298,652	23,506
25	13,492,482	7,214,442	725,508	4,165	171,618	13,508
26	10,224,700	5,467,156	549,795	3,157	130,053	10,236
27	3,577,310	2,449,254	-	-	54,771	4,311
28	13,294,905	3,771,453	347,905	2,567	118,189	9,217
29	54,375	15,379	355	2	298	23
30	998,355	277,932	6,612	45	1,736	400
31	2,044,651	679,141	60,341	392	6,430	1,110
32	-	-	-	-	-	-
33	1,220,051	570,891	45,714	274	8,168	1,107
34	-	-	-	-	-	-
35	-	-	-	-	-	-
36	-	-	-	-	-	-
37	\$ 222,317,267	\$ 104,489,826	\$ 8,836,535	\$ 52,618	\$ 1,544,812	\$ 158,826

NorthWestern Corporation dba NorthWestern Energy
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South Dakota Electric
Test Year Ended December 31, 2022

Line No.	Commercial Gen Serv 21	Commercial Sep Mtr Water Htg 23	Commercial Comm Sp Htg & Cooling 24	Commercial All-Inclusive Comm 25	Comm & Ind 33	Comm & Ind Lg Comm & Ind 34	Municipal Pumping 41	Lighting Reddy-Guard Ltg 19	Lighting Hwy Str & Area Ltg 56	Controlled Off-Peak 70	
1	Operating Income										
2	Production	2,356,942	2,289	(124,636)	474,477	5,314,280	11,373,389	193,747	33,853	(21,320)	16,598
3	Transmission	931,491	905	(49,258)	187,519	2,100,265	4,494,895	76,571	13,379	(8,426)	6,560
4	Distribution Substations	216,172	232	(16,527)	53,237	431,412	881,679	19,576	9,969	(5,866)	1,790
5	Distribution Primary	423,056	455	(32,344)	104,187	844,289	1,725,477	38,311	19,510	(11,480)	3,504
6	Distribution Secondary	243,106	261	(18,586)	59,870	483,197	-	22,015	11,212	(6,597)	2,014
7	Distribution - Transformers	184,227	198	(14,085)	45,370	367,660	751,389	16,683	8,496	(4,999)	1,526
8	Services	54,648	-	-	12,758	96,897	167,177	4,623	-	-	334
9	Meters	397,478	329	(3,494)	29,720	216,396	31,498	19,606	-	-	219
10	Customer Meter Reading	1,438	0	(3)	292	6,337	1,018	285	-	-	9
11	Customer Records	26,563	6	(49)	1,059	7,483	864	1,066	1,802	(76)	4
12	Customer Other	51,690	46	(1,090)	4,624	44,044	80,769	3,193	11,175	(476)	81
13	Street Lighting	-	-	-	-	-	-	-	53,961	(80,699)	-
14	Energy Related	26,839	26	(1,695)	6,462	69,631	167,325	3,427	1,305	(768)	143
15	Fuel	(463,573)	(3,636)	(268,515)	(257,694)	(1,019,306)	(4,983,593)	(46,214)	(31,419)	(73,479)	(5,294)
16	External Transmission	(350,642)	(2,713)	(202,315)	(193,606)	(702,258)	(2,109,453)	(29,155)	(22,076)	(51,969)	(2,809)
17	Ad Valorem	(7,028)	(54)	(4,055)	(3,881)	(14,310)	(42,986)	(599)	(449)	(1,058)	(57)
18	Adj Operating Income	\$ 4,092,407	\$ (1,657)	\$ (736,653)	\$ 524,394	\$ 8,246,016	\$ 12,539,450	\$ 323,135	\$ 110,719	\$ (267,214)	\$ 24,621
19											
20	Rate Base										
21	Production	19,855,885	152,052	9,591,409	9,166,044	38,039,096	165,186,906	1,269,898	403,780	1,017,379	299,094
22	Transmission	7,847,276	60,093	3,790,636	3,622,527	15,033,493	65,283,785	501,878	159,579	402,080	118,205
23	Distribution Substations	1,821,127	15,430	1,271,839	1,028,444	3,088,007	12,805,495	128,309	118,910	279,932	32,264
24	Distribution Primary	3,564,008	30,196	2,489,033	2,012,700	6,043,337	25,060,795	251,105	232,711	547,837	63,141
25	Distribution Secondary	2,048,027	17,352	1,430,302	1,156,581	3,458,675	-	144,296	133,726	314,810	36,283
26	Distribution - Transformers	1,552,010	13,149	1,083,893	876,466	2,631,677	10,913,164	109,348	101,338	238,565	27,496
27	Services	460,374	-	-	246,456	693,577	2,428,077	30,302	-	-	6,019
28	Meters	3,348,522	21,874	268,895	574,137	1,548,939	457,471	128,503	-	-	3,937
29	Customer Meter Reading	12,116	21	204	5,646	45,358	14,791	1,866	-	-	164
30	Customer Records	223,779	376	3,747	20,450	53,565	12,546	6,988	21,491	3,619	77
31	Customer Other	435,461	3,040	83,916	89,333	315,261	1,173,093	20,930	133,291	22,713	1,456
32	Street Lighting	-	-	-	-	-	-	-	643,622	3,850,947	-
33	Energy Related	226,105	1,750	130,459	124,843	498,414	2,430,225	22,462	15,566	36,644	2,578
34	Fuel	-	-	-	-	-	-	-	-	-	-
35	External Transmission	-	-	-	-	-	-	-	-	-	-
36	Ad Valorem	-	-	-	-	-	-	-	-	-	-
37	Rate Base	\$ 41,394,689	\$ 315,331	\$ 20,144,335	\$ 18,923,626	\$ 71,449,400	\$ 285,766,347	\$ 2,615,886	\$ 1,964,014	\$ 6,714,525	\$ 590,714

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Line No.	Total	Total Residential	Total Irrigation	Total Commercial	Total Comm & Ind	Total Municipal	Total Lighting	Controlled Off-Peak 70	
1	Rate of Return								
2	Production	6.84%	4.98%	2.53%	6.99%	8.21%	15.26%	0.88%	5.55%
3	Transmission	6.84%	4.98%	2.53%	6.99%	8.21%	15.26%	0.88%	5.55%
4	Distribution Substations	6.29%	4.78%	1.86%	6.12%	8.26%	15.26%	1.03%	5.55%
5	Distribution Primary	6.29%	4.78%	1.86%	6.12%	8.26%	15.26%	1.03%	5.55%
6	Distribution Secondary	6.01%	4.78%	1.86%	6.12%	13.97%	15.26%	1.03%	5.55%
7	Distribution - Transformers	6.29%	4.78%	1.86%	6.12%	8.26%	15.26%	1.03%	5.55%
8	Services	6.34%	4.86%	1.86%	9.54%	8.46%	15.26%	0.00%	5.55%
9	Meters	6.80%	5.34%	1.86%	10.06%	12.36%	15.26%	0.00%	5.55%
10	Customer Meter Reading	8.78%	5.47%	1.86%	9.61%	12.23%	15.26%	0.00%	5.55%
11	Customer Records	6.69%	5.48%	3.43%	11.10%	12.63%	15.26%	6.87%	5.55%
12	Customer Other	6.70%	5.23%	2.88%	9.03%	8.39%	15.26%	6.86%	5.55%
13	Street Lighting	-0.59%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.59%	0.00%
14	Energy Related	6.82%	4.96%	2.50%	6.55%	8.09%	15.26%	1.03%	5.55%
15	Fuel	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
16	External Transmission	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
17	Ad Valorem	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
18	Rate of Return	4.45%	3.02%	0.21%	4.80%	5.82%	12.35%	-1.80%	4.17%

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Line No.		Residential Basic 10	Residential w/Sp Htg 11	Residential Sp Htg & Cooling 14	Residential Dual-Fuel 15	Irrigation Int Irr 16 & 18	Irrigation Irr 17
1	Rate of Return						
2	Production	6.30%	2.76%	-3.37%	-4.11%	0.86%	14.57%
3	Transmission	6.30%	2.76%	-3.37%	-4.11%	0.86%	14.57%
4	Distribution Substations	6.30%	2.76%	-3.37%	-4.11%	0.86%	14.57%
5	Distribution Primary	6.30%	2.76%	-3.37%	-4.11%	0.86%	14.57%
6	Distribution Secondary	6.30%	2.76%	-3.37%	-4.11%	0.86%	14.57%
7	Distribution - Transformers	6.30%	2.76%	-3.37%	-4.11%	0.86%	14.57%
8	Services	6.30%	2.76%	0.00%	0.00%	0.86%	14.57%
9	Meters	6.30%	2.76%	-3.37%	-4.11%	0.86%	14.57%
10	Customer Meter Reading	6.30%	2.76%	-3.37%	-4.11%	0.86%	14.57%
11	Customer Records	6.30%	2.76%	-3.37%	-4.11%	0.86%	14.57%
12	Customer Other	6.30%	2.76%	-3.37%	-4.11%	0.86%	14.57%
13	Street Lighting	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
14	Energy Related	6.30%	2.76%	-3.37%	-4.11%	0.86%	14.57%
15	Fuel	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
16	External Transmission	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
17	Ad Valorem	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
18	Rate of Return	4.38%	0.84%	-5.20%	-5.95%	-1.01%	12.09%

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Line No.		Commercial Gen Serv 21	Commercial Sep Mtr Water Htg 23	Commercial Comm Sp Htg & Cooling 24	Commercial All-Inclusive Comm 25	Comm & Ind 33	Comm & Ind Lg Comm & Ind 34	Municipal Pumping 41	Lighting Reddy-Guard Ltq 19	Lighting Hwy Str & Area Ltg 56	Controlled Off-Peak 70
1	Rate of Return										
2	Production	11.87%	1.51%	-1.30%	5.18%	13.97%	6.89%	15.26%	8.38%	-2.10%	5.55%
3	Transmission	11.87%	1.51%	-1.30%	5.18%	13.97%	6.89%	15.26%	8.38%	-2.10%	5.55%
4	Distribution Substations	11.87%	1.51%	-1.30%	5.18%	13.97%	6.89%	15.26%	8.38%	-2.10%	5.55%
5	Distribution Primary	11.87%	1.51%	-1.30%	5.18%	13.97%	6.89%	15.26%	8.38%	-2.10%	5.55%
6	Distribution Secondary	11.87%	1.51%	-1.30%	5.18%	13.97%	0.00%	15.26%	8.38%	-2.10%	5.55%
7	Distribution - Transformers	11.87%	1.51%	-1.30%	5.18%	13.97%	6.89%	15.26%	8.38%	-2.10%	5.55%
8	Services	11.87%	0.00%	0.00%	5.18%	13.97%	6.89%	15.26%	0.00%	0.00%	5.55%
9	Meters	11.87%	1.51%	-1.30%	5.18%	13.97%	6.89%	15.26%	0.00%	0.00%	5.55%
10	Customer Meter Reading	11.87%	1.51%	-1.30%	5.18%	13.97%	6.89%	15.26%	0.00%	0.00%	5.55%
11	Customer Records	11.87%	1.51%	-1.30%	5.18%	13.97%	6.89%	15.26%	8.38%	-2.10%	5.55%
12	Customer Other	11.87%	1.51%	-1.30%	5.18%	13.97%	6.89%	15.26%	8.38%	-2.10%	5.55%
13	Street Lighting	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.38%	-2.10%	0.00%
14	Energy Related	11.87%	1.51%	-1.30%	5.18%	13.97%	6.89%	15.26%	8.38%	-2.10%	5.55%
15	Fuel	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
16	External Transmission	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
17	Ad Valorem	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
18	Rate of Return	9.89%	-0.53%	-3.66%	2.77%	11.54%	4.39%	12.35%	5.64%	-3.98%	4.17%