Otter Tail Power Company
South Dakota Transmission Cost Recovery Rider
Grant County - Norcross 115kV Project

Line No.	Year>>	2021 Actual Mar	2021 Actual Apr	2021 Actual May	2021 Actual Jun	2021 Actual Jul	2021 Actual Aug	2021 Actual Sep	2021 Actual Oct	2021 Actual Nov	2021 Actual Dec	2021 Actual Total	2022 Projected Jan	2022 Projected Feb
	RATE BASE													
1	Plant Balance	0	0	0	0	0	0	0	0	0	0	0	0	4,131,254
2	Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Net Plant in Service	0	0	0	0	0	0	0	0	0	0	0	0	4,131,254
	CWIP Calculation:													
	Beginning Balance	2,710,567	2,919,793	3,176,895	3,207,107	3,473,214	3,596,288	3,848,062	3,943,650	4,013,234	4,112,958		4,131,254	4,131,254
	Additional CWIP	209,226	257,102	30,212	266,107	123,074	251,774	95,588	69,584	99,724	18,296	1,742,572	0	0
	Closings from CWIP													(4,131,254)
	AFDUC													
4	CWIP (Project #T02031.059) 106727	2,919,793	3,176,895	3,207,107	3,473,214	3,596,288	3,848,062	3,943,650	4,013,234	4,112,958	4,131,254	4,131,254	4,131,254	0
5	ADIT Proration Factors	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000		1.0000	1.0000
6	Accumulated Deferred Income Taxes Federal & State	0	0	0	0	0	0	0	0	0	0	0	0	(3,943)
7	Ending rate base	2,919,793	3,176,895	3,207,107	3,473,214	3,596,288	3,848,062	3,943,650	4,013,234	4,112,958	4,131,254	4,131,254	4,131,254	4,127,310
8														
9	Average rate base	282,418	282,418	282,418	282,418	282,418	282,418	282,418	282,418	282,418	282,418	3,389,013	341,398	341,398
10														
11	Return on Rate Base	19,367	19,367	19,367	19,367	19,367	19,367	19,367	19,367	19,367	19,367	232,406	23,637	23,637
12														
13	Available for return (equity portion of rate base)	13,389	13,389	13,389	13,389	13,389	13,389	13,389	13,389	13,389	13,389	160,665	16,367	16,367
14														
15	*EXPENSES*													
16	*O&M and Depreciation*													
17	Operating Costs	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Property Tax	3,683	3,683	3,683	3,683	3,683	3,683	3,683	3,683	3,683	3,683	44,191	6,369	6,369
19	Book Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Total O&M and Depreciation Expense	3,683	3,683	3,683	3,683	3,683	3,683	3,683	3,683	3,683	3,683	44,191	6,369	6,369
21														
22	Income before Taxes													
23	Available for return (from above)	13,389	13,389	13,389	13,389	13,389	13,389	13,389	13,389	13,389	13,389	160,665	16,367	16,367
24	Taxable Income (grossed up)	16,948	16,948	16,948	16,948	16,948	16,948	16,948	16,948	16,948	16,948	203,373	20,718	20,718
25														
26	Income Taxes													
27	Current and Def Income Taxes	3,559	3,559	3,559	3,559	3,559	3,559	3,559	3,559	3,559	3,559	42,708	4,351	4,351
28	Total Income Tax Expense	3,559	3,559	3,559	3,559	3,559	3,559	3,559	3,559	3,559	3,559	42,708	4,351	4,351
29														
30														
31	*REVENUE REQUIRMENTS*													
32	Expenses	7,242	7,242	7,242	7,242	7,242	7,242	7,242	7,242	7,242	7,242	86,899	10,720	10,720
33	Return on rate base	19,367	19,367	19,367	19,367	19,367	19,367	19,367	19,367	19,367	19,367	232,406	23,637	23,637
34	Subtotal revenue requirements	26,609	26,609	26,609	26,609	26,609	26,609	26,609	26,609	26,609	26,609	319,305	34,357	34,357
35	Adjustments	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Wholesale Revenue Credit	(5,136)	(5,136)	(5,136)	(5,136)	(5,136)	(5,136)	(5,136)	(5,136)	(5,136)	(5,136)	(61,637)	(6,824)	(6,824)
37	Total revenue requirements	21,472	21,472	21,472	21,472	21,472	21,472	21,472	21,472	21,472	21,472	257,668	27,532	27,532
38														
39	South Dakota share - D2 factor	1,973	1,973	1,973	1,973	1,973	1,973	1,973	1,973	1,973	1,973	23,673	2,529	2,529
40														
41														
42	Gross Receipts Tax	3	3	3	3	3	3	3	3	3	3	36	4	4
43	Total South Dakota Share	1,976	1,976	1,976	1,976	1,976	1,976	1,976	1,976	1,976	1,976	23,709	2,533	2,533

Line No.														
	SUPPORTING INFORMATION / DATA													
1														
2		SD Cap Structure with allowed ROE per order.												
3		Capital Structure	**Ratio**	**Cost**	**WA Cost**			**Property tax**						
4		Debt	45.82%	4.62%	2.12%			2021 composite rate		1.85%				
5		Preferred equity	0.00%	0.00%	0.00%									
6		Common equity	54.18%	8.75%	4.74%									
7		Total	100.00%		6.86%	Overall Return								
8														
9			**Book**	**Tax**										
10		Project life (years)	50	15-year MACRS										
11														
12				**Fed Portion**	**State Portion**	**SD Gross Receipts Tax**								
13		Effective Tax Rate	21.00%	21.00%	0.00%	0.150%								
14		Tax conversion factor	1.26582											
15		Wholesale Revenue Credit	19.30%											
16		SD share - D2 factor	9.1874%											
17														
18	**Deferred Tax**													
19	Book depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Tax depreciation-Federal	0	0	0	0	0	0	0	0	0	0	0	0	18,778
21	Tax depreciation-SD	0	0	0	0	0	0	0	0	0	0	0	0	18,778
22	Federal deferred income taxes	0	0	0	0	0	0	0	0	0	0	0	0	(3,943)
23	State deferred income taxes	0	0	0	0	0	0	0	0	0	0	0	0	0

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Line No.	Year>>	2022 Projected Mar	2022 Projected Apr	2022 Projected May	2022 Projected Jun	2022 Projected Jul	2022 Projected Aug	2022 Projected Sep	2022 Projected Oct	2022 Projected Nov	2022 Projected Dec	2022 Projected Total	2023 Projected Jan	2023 Projected Feb
	RATE BASE													
1	Plant Balance	4,131,254	4,131,254	4,131,254	4,131,254	4,131,254	4,131,254	4,131,254	4,131,254	4,131,254	4,131,254	4,131,254	4,131,254	4,131,254
2	Accumulated Depreciation	(5,499)	(10,998)	(16,497)	(21,996)	(27,495)	(32,994)	(38,493)	(43,992)	(49,491)	(54,990)	(54,990)	(60,489)	(65,989)
3	Net Plant in Service	4,125,755	4,120,256	4,114,757	4,109,258	4,103,759	4,098,260	4,092,761	4,087,262	4,081,763	4,076,264	4,076,264	4,070,764	4,065,265
	CWIP Calculation:													
	Beginning Balance	0	0	0	0	0	0	0	0	0	0		0	0
	Additional CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0
	Closings from CWIP	0	0	0	0	0	0	0	0	0	0		0	0
	AFDUC													
4	CWIP (Project #T02031.059) 106727	0	0	0	0	0	0	0	0	0	0	0	0	0
5	ADIT Proration Factors	0.9178	0.8356	0.7507	0.6685	0.5836	0.4986	0.4164	0.3315	0.2493	0.1644		0.0795	0.0027
6	Accumulated Deferred Income Taxes Federal & State	(6,503)	(8,833)	(10,927)	(12,791)	(14,418)	(15,809)	(16,970)	(17,894)	(18,590)	(19,048)	(19,048)	(19,502)	(19,518)
7	Ending rate base	4,119,252	4,111,423	4,103,830	4,096,467	4,089,341	4,082,451	4,075,791	4,069,367	4,063,173	4,057,215	4,057,215	4,051,262	4,045,748
8														
9	Average rate base	341,398	341,398	341,398	341,398	341,398	341,398	341,398	341,398	341,398	341,398	4,096,779	333,301	333,301
10														
11	Return on Rate Base	23,637	23,637	23,637	23,637	23,637	23,637	23,637	23,637	23,637	23,637	283,641	23,076	23,076
12														
13	Available for return (equity portion of rate base)	16,367	16,367	16,367	16,367	16,367	16,367	16,367	16,367	16,367	16,367	196,405	15,979	15,979
14														
15	*EXPENSES*													
16	*O&M and Depreciation*													
17	Operating Costs	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Property Tax	6,369	6,369	6,369	6,369	6,369	6,369	6,369	6,369	6,369	6,369	76,428	6,369	6,369
19	Book Depreciation	5,499	5,499	5,499	5,499	5,499	5,499	5,499	5,499	5,499	5,499	54,990	5,499	5,499
20	Total O&M and Depreciation Expense	11,868	11,868	11,868	11,868	11,868	11,868	11,868	11,868	11,868	11,868	131,419	11,868	11,868
21														
22	Income before Taxes													
23	Available for return (from above)	16,367	16,367	16,367	16,367	16,367	16,367	16,367	16,367	16,367	16,367	196,405	15,979	15,979
24	Taxable Income (grossed up)	20,718	20,718	20,718	20,718	20,718	20,718	20,718	20,718	20,718	20,718	248,614	20,226	20,226
25														
26	Income Taxes													
27	Current and Def Income Taxes	4,351	4,351	4,351	4,351	4,351	4,351	4,351	4,351	4,351	4,351	52,209	4,248	4,248
28	Total Income Tax Expense	4,351	4,351	4,351	4,351	4,351	4,351	4,351	4,351	4,351	4,351	52,209	4,248	4,248
29														
30														
31	*REVENUE REQUIRMENTS*													
32	Expenses	16,219	16,219	16,219	16,219	16,219	16,219	16,219	16,219	16,219	16,219	183,627	16,116	16,116
33	Return on rate base	23,637	23,637	23,637	23,637	23,637	23,637	23,637	23,637	23,637	23,637	283,641	23,076	23,076
34	Subtotal revenue requirements	39,856	39,856	39,856	39,856	39,856	39,856	39,856	39,856	39,856	39,856	467,269	39,192	39,192
35	Adjustments	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Wholesale Revenue Credit	(7,917)	(7,917)	(7,917)	(7,917)	(7,917)	(7,917)	(7,917)	(7,917)	(7,917)	(7,917)	(92,817)	(7,767)	(7,767)
37	Total revenue requirements	31,939	31,939	31,939	31,939	31,939	31,939	31,939	31,939	31,939	31,939	374,452	31,425	31,425
38														
39	South Dakota share - D2 factor	2,934	2,934	2,934	2,934	2,934	2,934	2,934	2,934	2,934	2,934	34,403	2,887	2,887
40														
41														
42	Gross Receipts Tax	4	4	4	4	4	4	4	4	4	4	52	4	4
43	Total South Dakota Share	2,939	2,939	2,939	2,939	2,939	2,939	2,939	2,939	2,939	2,939	34,454	2,891	2,891

Line No.														
	SUPPORTING INFORMATION / DATA													
1														
2		SD Cap Structure with allowed ROE per order.												
3		Capital Structure	**Ratio**	**Cost**	**WA Cost**				**Property tax**					
4		Debt	45.21%	4.71%	2.13%				2022 composite rate		1.85%			
5		Preferred equity	0.00%	0.00%	0.00%									
6		Common equity	54.79%	8.75%	4.79%									
7		Total	100.00%		6.92%	Overall Return								
8														
9			**Book**	**Tax**										
10		Project life (years)	50	15-year MACRS										
11														
12				**Fed Portion**	**State Portion**	**SD Gross Receipts Tax**								
13		Effective Tax Rate	21.00%	21.00%	0.00%	0.150%								
14		Tax conversion factor	1.26582											
15		Wholesale Revenue Credit	19.86%											
16		SD share - D2 factor	9.1874%											
17														
18	**Deferred Tax**													
19	Book depreciation	5,499	5,499	5,499	5,499	5,499	5,499	5,499	5,499	5,499	5,499	54,990	5,499	5,499
20	Tax depreciation-Federal	18,778	18,778	18,778	18,778	18,778	18,778	18,778	18,778	18,778	18,778	206,563	32,706	32,706
21	Tax depreciation-SD	18,778	18,778	18,778	18,778	18,778	18,778	18,778	18,778	18,778	18,778	206,563	32,706	32,706
22	Federal deferred income taxes	(2,789)	(2,789)	(2,789)	(2,789)	(2,789)	(2,789)	(2,789)	(2,789)	(2,789)	(2,789)	(31,830)	(5,713)	(5,713)
23	State deferred income taxes	0	0	0	0	0	0	0	0	0	0	0	0	0