Otter Tail Power Company
South Dakota Phase In - Advanced Grid Infrastructure (AGI)
Advanced Metering Infrastructure Revenue Requirements

Line No.	Year>>	2020 Actual Total	2021 Actual January	2021 Actual February	2021 Actual March	2021 Actual April	2021 Actual May	2021 Actual June	2021 Actual July	2021 Actual August	2021 Actual September	2021 Actual October	2021 Actual November	2021 Actual December	2021 Actual Total
	RATE BASE														
1	Plant Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Accumulated Depreciation	0	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	0	0
4	CWIP D05035.010	104,462	145,157	394,388	422,155	462,654	516,797	587,916	642,985	732,813	820,358	955,914	1,068,192	1,071,774	1,071,774
5	ADIT - NOL DTA														
6	Reversal of ADIT - NOL DTA														
7	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	
8	ADIT - Federal & State Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Ending rate base	104,462	145,157	394,388	422,155	462,654	516,797	587,916	642,985	732,813	820,358	955,914	1,068,192	1,071,774	1,071,774
10															
11	Average rate base	0	50,805	50,805	50,805	50,805	50,805	50,805	50,805	50,805	50,805	50,805	50,805	50,805	609,659
12															
13	Return on Rate Base	0	3,484	3,484	3,484	3,484	3,484	3,484	3,484	3,484	3,484	3,484	3,484	3,484	41,808
14															
15	Available for return (equity portion of rate base)	0	2,409	2,409	2,409	2,409	2,409	2,409	2,409	2,409	2,409	2,409	2,409	2,409	28,902
16															
17	*EXPENSES*														
18	*O&M and Depreciation*														
19	Operating Costs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Property Tax	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Book Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Total O&M and Depreciation Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23															
24	Income before Taxes														
25	Available for return (from above)	0	2,409	2,409	2,409	2,409	2,409	2,409	2,409	2,409	2,409	2,409	2,409	2,409	28,902
26	Taxable Income (grossed up)	0	3,049	3,049	3,049	3,049	3,049	3,049	3,049	3,049	3,049	3,049	3,049	3,049	36,585
27															
28	Income Taxes														
29	Current Income Tax	0	640	640	640	640	640	640	640	640	640	640	640	640	7,683
30	Deferred Income Tax	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Total Income Tax Expense	0	640	640	640	640	640	640	640	640	640	640	640	640	7,683
32															
33															
34	*REVENUE REQUIRMENTS*														
35	Expenses	0	640	640	640	640	640	640	640	640	640	640	640	640	7,683
36	Return on rate base	0	3,484	3,484	3,484	3,484	3,484	3,484	3,484	3,484	3,484	3,484	3,484	3,484	41,808
37	Subtotal revenue requirements	0	4,124	4,124	4,124	4,124	4,124	4,124	4,124	4,124	4,124	4,124	4,124	4,124	49,491
38	Adjustments														
39	Total revenue requirements	0	4,124	4,124	4,124	4,124	4,124	4,124	4,124	4,124	4,124	4,124	4,124	4,124	49,491
40															
41	South Dakota share - Meters (C6)	0													
42	South Dakota share - FAN (P60)														
43	South Dakota share - Software (P90)														
44	Total South Dakota Share	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SUPPORTING INFORMATION / DATA

SD Cap Structure with allowed ROE per order.

Capital Structure	Ratio	Cost	WA Cost	
Debt	45.82%	4.62%	2.12%	
Preferred equity	0.00%	0.00%	0.00%	
Common equity	54.18%	8.75%	4.74%	
Total	100.00%		6.86%	Overall Return

Property tax
2021 composite rate 1.18%

	Book	Tax
Project life (years)	20	20-year MACRS

		Fed Portion	State Portion
Statutory Tax Rate	21.00%	21.00%	0.00%
Tax conversion factor	1.26582		
SD share - C6 factor	9.162%		
SD share - P90 factor	9.224%		
SD share - P60 factor	9.486%		

	2020 Actual Total	2021 Actual January	2021 Actual February	2021 Actual March	2021 Actual April	2021 Actual May	2021 Actual June	2021 Actual July	2021 Actual August	2021 Actual September	2021 Actual October	2021 Actual November	2021 Actual December	2021 Actual Total
Deferred Tax														
Book depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tax depreciation-Federal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tax depreciation-SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Federal deferred income taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
State deferred income taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Otter Tail Power Company
South Dakota Phase In - Advanced Grid Infrastructure (AGI)
Advanced Metering Infrastructure Revenue Requirements

Line No.		Year>>	2022 Actual January	2022 Actual February	2022 Actual March	2022 Actual April	2022 Projected May	2022 Projected June	2022 Projected July	2022 Projected August	2022 Projected September	2022 Projected October	2022 Projected November	2022 Projected December	2022 Projected Total
	RATE BASE														
1	Plant Balance		0	0	0	0	0	0	0	0	0	0	0	0	0
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	0
4	CWIP	D05035.010	1,147,769	1,337,758	1,745,541	2,024,644	2,601,565	3,286,495	5,985,203	7,388,926	8,316,144	9,640,437	10,644,609	12,304,617	12,304,617
5	ADIT - NOL DTA														
6	Reversal of ADIT - NOL DTA														
7	ADIT Proration Factors		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9206	0.8356	0.7534	0.6685	
8	ADIT - Federal & State Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Ending rate base		1,147,769	1,337,758	1,745,541	2,024,644	2,601,565	3,286,495	5,985,203	7,388,926	8,316,144	9,640,437	10,644,609	12,304,617	12,304,617
10															
11	Average rate base		432,663	432,663	432,663	432,663	432,663	432,663	432,663	432,663	432,663	432,663	432,663	432,663	5,191,960
12															
13	Return on Rate Base		29,956	29,956	29,956	29,956	29,956	29,956	29,956	29,956	29,956	29,956	29,956	29,956	359,466
14															
15	Available for return (equity portion of rate base)		20,742	20,742	20,742	20,742	20,742	20,742	20,742	20,742	20,742	20,742	20,742	20,742	248,909
16															
17	*EXPENSES*														
18	*O&M and Depreciation*														
19	Operating Costs		0	31,818	31,818	31,818	31,818	31,818	31,818	31,818	31,818	31,818	31,818	31,818	349,998
20	Property Tax		0	0	0	0	0	0	0	0	0	0	0	0	0
21	Book Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
22	Total O&M and Depreciation Expense		0	31,818	31,818	31,818	31,818	31,818	31,818	31,818	31,818	31,818	31,818	31,818	349,998
23															
24	Income before Taxes														
25	Available for return (from above)		20,742	20,742	20,742	20,742	20,742	20,742	20,742	20,742	20,742	20,742	20,742	20,742	248,909
26	Taxable Income (grossed up)		26,256	26,256	26,256	26,256	26,256	26,256	26,256	26,256	26,256	26,256	26,256	26,256	315,075
27															
28	Income Taxes														
29	Current Income Tax		5,514	5,514	5,514	5,514	5,514	5,514	5,514	5,514	5,514	5,514	5,514	5,514	66,166
30	Deferred Income Tax		0	0	0	0	0	0	0	0	0	0	0	0	0
31	Total Income Tax Expense		5,514	5,514	5,514	5,514	5,514	5,514	5,514	5,514	5,514	5,514	5,514	5,514	66,166
32															
33															
34	*REVENUE REQUIRMENTS*														
35	Expenses		5,514	37,332	37,332	37,332	37,332	37,332	37,332	37,332	37,332	37,332	37,332	37,332	416,164
36	Return on rate base		29,956	29,956	29,956	29,956	29,956	29,956	29,956	29,956	29,956	29,956	29,956	29,956	359,466
37	Subtotal revenue requirements		35,469	67,287	67,287	67,287	67,287	67,287	67,287	67,287	67,287	67,287	67,287	67,287	775,630
38	Adjustments														
39	Total revenue requirements		35,469	67,287	67,287	67,287	67,287	67,287	67,287	67,287	67,287	67,287	67,287	67,287	775,630
40															
41	South Dakota share - Meters (C6)		3,250	5,709	5,116	4,752	4,548	3,933	2,871	2,569	2,544	2,545	2,528	2,554	42,918
42	South Dakota share - FAN (P60)		0	0	0	0	0	214	1,567	1,840	1,652	1,504	1,376	1,202	9,355
43	South Dakota share - Software (P90)		0	460	1,056	1,422	1,628	2,040	1,792	1,831	2,040	2,183	2,324	2,467	19,242
44	Total South Dakota Share		3,250	6,168	6,172	6,175	6,176	6,186	6,231	6,240	6,235	6,231	6,228	6,223	71,515

	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		1.18%	
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)	20	20-year MACRS										
11														
12				**Fed Portion**	**State Portion**									
13		Statutory Tax Rate	21.00%	21.00%	0.00%									
14		Tax conversion factor	1.26582											
15		SD share - C6 factor	9.162%											
16		SD share - P90 factor	9.224%											
17	**Deferred Tax**	SD share - P60 factor	9.486%											
18	Book depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Tax depreciation-Federal	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Tax depreciation-SD	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Federal deferred income taxes	0	0	0	0	0	0	0	0	0	0	0	0	0
22	State deferred income taxes	0	0	0	0	0	0	0	0	0	0	0	0	0

Otter Tail Power Company
South Dakota Phase In - Advanced Grid Infrastructure (AGI)
Advanced Metering Infrastructure Revenue Requirements

Line No.	Year>>	2023 Projected January	2023 Projected February	2023 Projected March	2023 Projected April	2023 Projected May	2023 Projected June	2023 Projected July	2023 Projected August	2023 Projected September	2023 Projected October	2023 Projected November	2023 Projected December	2023 Projected Total
	RATE BASE													
1	Plant Balance	0	0	0	27,076,635	27,174,422	27,202,892	35,477,789	35,483,336	35,516,352	35,521,898	35,527,444	46,556,142	46,556,142
2	Accumulated Depreciation	0	0	0	0	(197,756)	(396,826)	(596,054)	(829,275)	(1,062,528)	(1,296,269)	(1,530,041)	(1,763,844)	(1,763,844)
3	Net Plant in Service	0	0	0	27,076,635	26,976,665	26,806,066	34,881,736	34,654,060	34,453,824	34,225,629	33,997,403	44,792,298	44,792,298
4	CWIP D05035.010	17,199,809	20,355,702	23,676,415	0	2,694,120	5,632,910	0	2,520,957	4,970,914	7,005,267	9,014,209	0	0
5	ADIT - NOL DTA													
6	Reversal of ADIT - NOL DTA													
7	ADIT Proration Factors	0.5836	0.5069	0.4219	0.3397	0.2548	0.1726	0.0877	0.0027	0.9206	0.8356	0.7534	0.6685	
8	ADIT - Federal & State Depreciation	0	0	0	(24,295)	(31,935)	(37,063)	(40,613)	(40,704)	(71,403)	(99,184)	(124,227)	(204,472)	(204,472)
9	Ending rate base	17,199,809	20,355,702	23,676,415	27,052,340	29,638,850	32,401,914	34,841,123	37,134,313	39,353,335	41,131,712	42,887,386	44,587,826	44,587,826
10														
11	Average rate base	2,580,547	2,580,547	2,580,547	2,580,547	2,580,547	2,580,547	2,580,547	2,580,547	2,580,547	2,580,547	2,580,547	2,580,547	30,966,565
12														
13	Return on Rate Base	178,665	178,665	178,665	178,665	178,665	178,665	178,665	178,665	178,665	178,665	178,665	178,665	2,143,975
14														
15	Available for return (equity portion of rate base)	123,715	123,715	123,715	123,715	123,715	123,715	123,715	123,715	123,715	123,715	123,715	123,715	1,484,576
16														
17	*EXPENSES*													
18	*O&M and Depreciation*													
19	Operating Costs	172,069	172,069	172,069	172,069	172,069	172,069	172,069	172,069	172,069	172,069	172,069	172,069	2,064,832
20	Property Tax	2,282	2,282	2,282	2,282	2,282	2,282	2,282	2,282	2,282	2,282	2,282	2,282	27,384
21	Book Depreciation	0	0	0	0	197,756	199,070	199,228	233,222	233,253	233,741	233,772	233,803	1,763,844
22	Total O&M and Depreciation Expense	174,351	174,351	174,351	174,351	372,108	373,421	373,579	407,573	407,604	408,093	408,123	408,154	3,856,060
23														
24	Income before Taxes													
25	Available for return (from above)	123,715	123,715	123,715	123,715	123,715	123,715	123,715	123,715	123,715	123,715	123,715	123,715	1,484,576
26	Taxable Income (grossed up)	156,601	156,601	156,601	156,601	156,601	156,601	156,601	156,601	156,601	156,601	156,601	156,601	1,879,210
27														
28	Income Taxes													
29	Current Income Tax	32,886	32,886	32,886	(38,627)	2,901	3,177	(7,607)	(468)	(462)	(359)	(353)	(87,154)	(30,294)
30	Deferred Income Tax	0	0	0	71,514	29,985	29,709	40,493	33,355	33,348	33,245	33,239	120,040	424,928
31	Total Income Tax Expense	32,886	32,886	32,886	32,886	32,886	32,886	32,886	32,886	32,886	32,886	32,886	32,886	394,634
32														
33														
34	*REVENUE REQUIRMENTS*													
35	Expenses	207,238	207,238	207,238	207,238	404,994	406,307	406,465	440,459	440,490	440,979	441,010	441,040	4,250,694
36	Return on rate base	178,665	178,665	178,665	178,665	178,665	178,665	178,665	178,665	178,665	178,665	178,665	178,665	2,143,975
37	Subtotal revenue requirements	385,902	385,902	385,902	385,902	583,658	584,972	585,130	619,124	619,155	619,643	619,674	619,705	6,394,669
38	Adjustments													
39	Total revenue requirements	385,902	385,902	385,902	385,902	583,658	584,972	585,130	619,124	619,155	619,643	619,674	619,705	6,394,669
40														
41	South Dakota share - Meters (C6)	19,597	21,244	22,291	23,514	37,220	38,895	40,112	43,547	44,472	45,247	45,921	46,523	428,584
42	South Dakota share - FAN (P60)	4,992	4,269	3,715	3,291	4,574	4,221	3,917	3,878	3,646	3,479	3,325	3,190	46,498
43	South Dakota share - Software (P90)	11,013	10,058	9,543	8,723	11,919	10,697	9,782	9,498	8,795	8,222	7,696	7,225	113,171
44	Total South Dakota Share	35,602	35,571	35,549	35,529	53,713	53,813	53,811	56,923	56,913	56,948	56,942	56,937	588,253

	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%						2023 composite rate		1.18%	
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)	20	20-year MACRS										
11														
12				**Fed Portion**	**State Portion**									
13		Statutory Tax Rate	21.00%	21.00%	0.00%									
14		Tax conversion factor	1.26582											
15		SD share - C6 factor	9.162%											
16		SD share - P90 factor	9.224%											
17	**Deferred Tax**	SD share - P60 factor	9.486%											
18	Book depreciation	0	0	0	0	197,756	199,070	199,228	233,222	233,253	233,741	233,772	233,803	1,763,844
19	Tax depreciation-Federal	0	0	0	340,541	340,541	340,541	392,053	392,053	392,053	392,053	392,053	805,421	3,787,310
20	Tax depreciation-SD	0	0	0	340,541	340,541	340,541	392,053	392,053	392,053	392,053	392,053	805,421	3,787,310
21	Federal deferred income taxes	0	0	0	(71,514)	(29,985)	(29,709)	(40,493)	(33,355)	(33,348)	(33,245)	(33,239)	(120,040)	(424,928)
22	State deferred income taxes	0	0	0	0	0	0	0	0	0	0	0	0	0