

Otter Tail Power Company
South Dakota Phase In Rider
Ashtabula III Revenue Requirements

Line No.	2021		2022		2023											
	Actual Year-End	Projected Year-End	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Projected Year-End	
RATE BASE																
1			-	80,296,595	80,314,266	80,282,859	80,283,465	80,283,994	80,291,302	80,290,351	80,290,351	80,290,351	80,290,351	80,290,351	80,290,351	80,290,351
2			-	(28,667,628)	(28,849,741)	(29,031,893)	(29,213,975)	(29,396,058)	(29,578,142)	(29,760,243)	(29,942,341)	(30,124,440)	(30,306,538)	(30,488,637)	(30,670,735)	
3			-	51,628,967	51,464,525	51,250,965	51,069,490	50,887,936	50,713,160	50,530,108	50,348,010	50,165,911	49,983,813	49,801,714	49,619,616	
CWIP Calculation:																
4			-	842,688	1,082,447	-	-	-	-	-	-	-	-	-	-	
5			-	139,980	17,671	(31,408)	606	529	7,308	(951)	-	-	-	-	-	
6	267,179	766,442	-	79,074,167	(80,296,595)	(17,671)	31,408	(606)	(529)	(7,308)	951	-	-	-	-	
7			-	-	-	-	-	-	-	-	-	-	-	-	-	
8	6,460	42,367	-	-	-	-	-	-	-	-	-	-	-	-	-	
9	273,638	1,651,497	-	-	-	-	-	-	-	-	-	-	-	-	(79,074,167)	
ADIT Pro-Rated																
10			-	1,0000	1,0000	1,0000	1,0000	1,0000	1,0000	1,0000	1,0000	0.9205	0.8356	0.7534	0.6685	
11			-	(281,016)	(523,789)	(766,553)	(1,009,332)	(1,252,111)	(1,494,889)	(1,737,665)	(1,980,440)	(2,203,927)	(2,406,794)	(2,589,707)	(2,752,001)	
12			-	(281,016)	(523,789)	(766,553)	(1,009,332)	(1,252,111)	(1,494,889)	(1,737,665)	(1,980,440)	(2,223,216)	(2,446,702)	(2,649,569)	(2,832,482)	
13			-	-	-	-	-	-	-	-	-	-	-	-	-	
14			-	-	-	-	-	-	-	-	-	-	-	-	-	
15			-	-	-	-	-	-	-	-	-	-	-	-	-	
16	273,638	1,651,497	51,347,951	50,940,737	50,484,412	50,060,158	49,635,825	49,218,270	48,792,444	48,367,570	47,961,985	47,577,019	47,212,007	46,867,615	(32,206,552)	
17	273,638	1,651,497	51,347,951	50,940,737	50,484,412	50,060,158	49,635,825	49,218,270	48,792,444	48,367,570	47,942,696	47,537,111	47,152,145	46,787,133	(32,287,034)	
18			-	524,387	3,782,804	3,782,804	3,782,804	3,782,804	3,782,804	3,782,804	3,782,804	3,782,804	3,782,804	3,782,804	3,782,804	
19			-	36,306	253,749	253,749	253,749	253,749	253,749	253,749	253,749	253,749	253,749	253,749	253,749	
20			-	25,140	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	
21			-	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	
22			-	25,140	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	
23			-	25,140	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	
24			-	25,140	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	
EXPENSES																
O&M and Depreciation																
25			-	1,508	49,216	72,817	173,736	104,875	204,203	149,333	149,333	149,333	149,333	149,333	149,333	
26			-	-	-	-	-	-	-	-	-	-	-	-	-	
27			-	26,629	26,629	26,629	26,629	26,882	26,882	26,882	26,882	26,882	26,882	26,882	294,945	
28			-	1,115	1,115	1,115	1,115	1,115	1,115	1,115	1,115	1,115	1,115	1,115	13,377	
29			-	-	182,113	182,153	182,082	182,083	182,084	182,101	182,099	182,099	182,099	182,099	2,003,107	
30			-	-	-	-	-	-	-	-	-	-	-	-	-	
31			-	-	-	-	-	-	-	-	-	-	-	-	-	
32			-	29,252	259,073	282,714	383,562	314,955	414,283	359,431	359,428	359,428	359,428	359,428	3,813,783	
33			-	25,140	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	177,380	
34			-	31,823	224,532	224,532	224,532	224,532	224,532	224,532	224,532	224,532	224,532	224,532	2,694,386	
35			-	6,683	47,152	47,152	47,152	47,152	47,152	47,152	47,152	47,152	47,152	47,152	565,821	
36			-	-	-	-	-	-	-	-	-	-	-	-	-	
37			-	6,683	47,152	47,152	47,152	47,152	47,152	47,152	47,152	47,152	47,152	47,152	565,821	
38			-	6,683	47,152	47,152	47,152	47,152	47,152	47,152	47,152	47,152	47,152	47,152	565,821	
39			-	6,683	47,152	47,152	47,152	47,152	47,152	47,152	47,152	47,152	47,152	47,152	565,821	
40			-	6,683	47,152	47,152	47,152	47,152	47,152	47,152	47,152	47,152	47,152	47,152	565,821	
41			-	6,683	47,152	47,152	47,152	47,152	47,152	47,152	47,152	47,152	47,152	47,152	565,821	
42			-	6,683	47,152	47,152	47,152	47,152	47,152	47,152	47,152	47,152	47,152	47,152	565,821	
REVENUE REQUIREMENTS																
43			-	6,683	76,404	306,225	329,866	430,713	362,107	461,435	406,582	406,580	406,580	406,580	4,379,604	
44			-	36,306	253,749	253,749	253,749	253,749	253,749	253,749	253,749	253,749	253,749	253,749	3,044,988	
45			-	42,989	330,153	559,974	583,615	684,462	615,856	715,184	660,331	660,329	660,329	660,329	7,424,592	
46			-	4,313	33,120	56,176	58,547	68,664	61,782	71,746	66,243	66,243	66,243	66,243	747,493	
47			-	4,313	33,120	56,176	58,547	68,664	61,782	71,746	66,243	66,243	66,243	66,243	747,493	
SUPPORTING INFORMATION / DATA																
1	SD Capstructure with allowed ROE per order.															
2	Capital Structure															
3				Ratio	Cost	WA Cost			Fed Portion	State Portion						
4				46.41%	4.35%	2.02%			21.00%	21.00%						
5				0.00%	0.00%	0.00%			1.26582							
6				53.59%	8.75%	4.69%										
7				100.00%		6.71%			SD share - E2 factor	10.03182%	Sept 2022 - Aug 2023					

Otter Tail Power Company
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Ashtabula III Revenue Requirements

Line No.		2024												Projected Year-End
		Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	
RATE BASE														
1	Plant Balance	80,290,351	80,357,018	80,423,684	80,490,351	80,557,018	80,623,684	80,690,351	80,757,018	80,823,684	80,890,351	80,957,018	81,023,684	81,090,351
2	Accumulated Depreciation	(30,852,834)	(31,034,932)	(31,217,182)	(31,399,583)	(31,582,135)	(31,764,838)	(31,947,693)	(32,130,699)	(32,313,855)	(32,497,164)	(32,680,623)	(32,864,233)	(32,864,233)
3	Net Plant in Service	49,437,517	49,322,085	49,206,502	49,090,768	48,974,883	48,858,846	48,742,658	48,626,319	48,509,829	48,393,187	48,276,395	48,159,451	48,226,118
CWIP Calculation:														
4	Beginning	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Additional CWIP	66,667	66,667	66,667	66,667	66,667	66,667	66,667	66,667	66,667	66,667	66,667	66,667	800,000
6	Additional CWIP - Purchase Price	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Closings from CWIP	(66,667)	(66,667)	(66,667)	(66,667)	(66,667)	(66,667)	(66,667)	(66,667)	(66,667)	(66,667)	(66,667)	(66,667)	(800,000)
8	AFUDC	-	-	-	-	-	-	-	-	-	-	-	-	-
9	CWIP	-	-	-	-	-	-	-	-	-	-	-	-	-
10	ADIT Pro-Rated	0.5836	0.5068	0.4219	0.3397	0.2548	0.1726	0.0877	0.0027	1.0000	1.0000	1.0000	1.0000	-
11	Accum. Deferred Inc. Taxes - Fed & State	(2,993,703)	(3,203,633)	(3,378,372)	(3,519,060)	(3,624,567)	(3,696,035)	(3,732,333)	(3,733,467)	(4,147,430)	(4,561,362)	(4,975,261)	(5,389,129)	(5,389,129)
12	Accum. Deferred Inc. Taxes - Fed & State - No Prorate	(414,185)	(3,407,889)	(3,617,786)	(3,792,493)	(3,933,150)	(4,038,626)	(4,110,062)	(4,146,328)	(4,147,430)	(4,561,362)	(4,975,261)	(5,389,129)	(5,389,129)
13	Accum. Deferred Inc. Taxes - Basis Difference	-	-	-	-	-	-	-	-	-	-	-	-	-
14	End of month rate base	46,443,814	46,118,453	45,828,131	45,571,709	45,350,315	45,162,811	45,010,325	44,892,852	44,362,398	43,831,826	43,301,134	42,770,322	42,836,989
15	End of month rate base - No Prorate	49,023,332	45,914,197	45,588,716	45,298,275	45,041,733	44,820,220	44,632,597	44,479,991	44,362,398	43,831,826	43,301,134	42,770,322	42,836,989
16	Average rate base	3,246,394	3,246,394	3,246,394	3,246,394	3,246,394	3,246,394	3,246,394	3,246,394	3,246,394	3,246,394	3,246,394	3,246,394	38,956,734
17	Return on Rate Base	217,767	217,767	217,767	217,767	217,767	217,767	217,767	217,767	217,767	217,767	217,767	217,767	2,613,202
18	Available for return (equity portion of rate base)	152,227	152,227	152,227	152,227	152,227	152,227	152,227	152,227	152,227	152,227	152,227	152,227	1,826,730
19	EXPENSES													
20	O&M and Depreciation	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Operating Costs	153,067	153,067	153,067	153,067	153,067	153,067	153,067	153,067	153,067	153,067	153,067	153,067	1,112,090
22	Self-Funded Transmission Monthly Payments	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Ground Lease Payments	27,443	27,443	27,443	27,443	27,443	27,443	27,443	27,443	27,443	27,443	27,443	27,443	329,315
24	Property/Production Tax	18,280	22,110	22,110	22,110	22,110	22,110	22,110	22,110	22,110	22,110	22,110	22,110	265,325
25	Book Depreciation	182,099	182,099	182,250	182,401	182,552	182,703	182,855	183,006	183,157	183,308	183,459	183,611	2,193,498
26	Total O&M and Depreciation Expense	380,888	384,719	384,870	385,021	385,172	385,324	385,475	385,626	385,777	385,928	386,080	386,231	3,900,228
27	Income before Taxes	152,227	152,227	152,227	152,227	152,227	152,227	152,227	152,227	152,227	152,227	152,227	152,227	1,826,730
28	Available for return (from above)	152,227	152,227	152,227	152,227	152,227	152,227	152,227	152,227	152,227	152,227	152,227	152,227	1,826,730
29	Taxable Income (grossed up)	192,693	192,693	192,693	192,693	192,693	192,693	192,693	192,693	192,693	192,693	192,693	192,693	2,312,316
30	Income Taxes	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Current and Def Income Taxes	40,466	40,466	40,466	40,466	40,466	40,466	40,466	40,466	40,466	40,466	40,466	40,466	485,586
32	Tax Adjustment for Additional Tax Basis	-	-	-	-	-	-	-	-	-	-	-	-	-
33	Total Income Tax Expense	40,466	40,466	40,466	40,466	40,466	40,466	40,466	40,466	40,466	40,466	40,466	40,466	485,586
34	REVENUE REQUIREMENTS													
35	Expenses	421,354	425,184	425,336	425,487	425,638	425,789	425,940	426,092	426,243	426,394	426,545	426,696	4,385,815
36	Return on rate base	217,767	217,767	217,767	217,767	217,767	217,767	217,767	217,767	217,767	217,767	217,767	217,767	2,613,202
37	Total revenue requirements	639,121	642,951	643,102	643,254	643,405	643,556	643,707	643,858	644,010	644,161	644,312	644,463	6,999,017
38	South Dakota share - E2 factor	64,115	64,500	64,515	64,530	64,545	64,560	64,576	64,591	64,606	64,621	64,636	64,651	774,447
39	SUPPORTING INFORMATION / DATA													
40	SD Capstructure with allowed ROE per order.													
41	Capital Structure	Ratio	Cost	WA Cost					Fed Portion	State Portion				
42	Debt	46.41%	4.35%	2.02%	Effective Tax Rate				21.00%	21.00%	0.00%			
43	Preferred equity	0.00%	0.00%	0.00%	Tax conversion factor				1.26582					
44	Common equity	53.59%	8.75%	4.69%										
45	Total	100.00%		6.71%	SD share - E2 factor				10.03182%	Sept 2023 - Aug 2024				