

PUBLIC - TRADE SECRET DATA HAS BEEN EXCISED

Otter Tail Power Company  
 South Dakota Transmission Cost Recovery Rider  
 CAPX2020 Brookings, SD - Hampton, MN Revenue Requiremer  
 Docket No. EL15-

Attachment 11  
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Line No.	Year>>	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
		March	April	May	June	July	August	September	October	November	December	Projected Total	Projected January	Projected February									
<b>RATE BASE</b>																							
1	Plant Balance	16,374,164	16,361,412	16,494,084	16,637,136	16,778,076	16,834,832	16,826,083	16,931,171	16,988,157	16,987,062	25,463,279	25,452,501	25,516,769									
2	Accumulated Depreciation	(71,651)	(95,712)	(119,753)	(143,987)	(168,433)	(193,086)	(217,822)	(242,546)	(267,424)	(292,387)	(292,387)	(329,800)	(367,199)									
3	Net Plant in Service	16,302,512	16,265,700	16,374,331	16,493,149	16,609,643	16,641,746	16,608,261	16,688,625	16,720,733	16,694,675	25,170,892	25,122,701	25,149,570									
4	CWIP	0	0	0	0	0	0	0	0	0	0	0	6,958	6,958									
5	Accumulated Deferred Income Taxes Federal & State	(2,999,868)	(3,015,047)	(3,030,234)	(3,045,352)	(3,060,397)	(3,075,368)	(3,090,311)	(3,105,259)	(3,120,152)	(3,201,101)	(3,201,101)	(3,234,103)	(3,267,109)									
6	Ending rate base	13,302,644	13,250,653	13,344,098	13,447,797	13,549,246	13,566,377	13,517,949	13,583,366	13,600,581	13,493,574	21,969,791	21,895,556	21,889,419									
7	OTL Load Percentage	0.680%	0.680%	0.680%	0.680%	0.680%	0.680%	0.680%	0.680%	0.680%	0.680%	0.680%	0.680%	0.680%									
8	Remove Non-OTL Load Portion	(13,212,145)	(13,160,507)	(13,253,316)	(13,356,309)	(13,457,069)	(13,474,083)	(13,425,985)	(13,490,957)	(13,508,054)	(13,401,775)	(21,820,328)	(21,746,598)	(21,740,502)									
9	Retail Ending Rate Base	90,500	90,146	90,782	91,487	92,177	92,294	91,964	92,409	92,527	91,799	149,463	148,958	148,917									
11	Average rate base	7,566	7,566	7,566	7,566	7,566	7,566	7,566	7,566	7,566	7,566	90,795	12,244	12,244									
13	Return on Rate Base	559	559	559	559	559	559	559	559	559	559	6,713	905	905									
15	Available for return (equity portion of rate base)	347	347	347	347	347	347	347	347	347	347	4,158	561	561									
<b>EXPENSES</b>																							
19	O&M and Depreciation																						
20	Operating Costs	4,619	847	184	0	468	1,728	0	0	0	0	7,846	16,250	16,250									
21	Property Tax	27,212	27,212	27,212	27,212	27,212	27,212	27,212	27,212	27,212	27,212	326,549	42,439	42,439									
22	Book Depreciation	24,038	24,060	24,041	24,235	24,446	24,653	24,736	24,723	24,879	24,963	292,387	37,413	37,398									
23	Total O&M and Depreciation Expense	55,869	52,120	51,437	51,447	52,126	53,593	51,949	51,936	52,091	52,176	626,782	96,102	96,087									
24	OTL Load Percentage	0.680%	0.680%	0.680%	0.680%	0.680%	0.680%	0.680%	0.680%	0.680%	0.680%	0.680%	0.680%	0.680%									
25	Remove Non-OTL Load Portion	(55,489)	(51,766)	(51,087)	(51,097)	(51,772)	(53,229)	(51,595)	(51,583)	(51,737)	(51,820)	(622,518)	(95,448)	(95,434)									
26	Retail O&M and Depreciation Expenses	380	355	350	350	355	365	353	353	354	355	4,264	654	654									
29	Income before Taxes																						
30	Available for return (from above)	347	347	347	347	347	347	347	347	347	347	4,158	561	561									
31	Taxable Income (grossed up)	1.5385	533	533	533	533	533	533	533	533	533	6,398	863	863									
33	Income Taxes																						
34	Current and Def Income Taxes	35.00%	187	187	187	187	187	187	187	187	187	2,239	302	302									
35	Total Income Tax Expense	187	187	187	187	187	187	187	187	187	187	2,239	302	302									
<b>REVENUE REQUIREMENTS</b>																							
38	Expenses	567	541	537	537	541	551	540	540	541	542	629,021	956	956									
40	Return on rate base	559	559	559	559	559	559	559	559	559	559	6,713	905	905									
41	Subtotal revenue requirements	1,126	1,101	1,096	1,096	1,101	1,111	1,099	1,099	1,100	1,101	635,734	1,861	1,861									
42	Adjustments																						
43	Transmission Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0									
44	Total revenue requirements	1,126	1,101	1,096	1,096	1,101	1,111	1,099	1,099	1,100	1,101	635,734	1,861	1,861									
46	South Dakota share - D2 factor	9.82%	111	108	108	108	108	109	108	108	108	1,297	183	183									
47	Gross Receipts Tax (at 0.0015)	0.15%	0	0	0	0	0	0	0	0	0	2	0	0									
48	Total South Dakota Share	111	108	108	108	108	109	108	108	108	108	1,299	183	183									
<b>SUPPORTING INFORMATION / DATA</b>																							
SD Cap Structure with allowed ROE per order.																							
[TRADE SECRET DATA BEGINS...]																							
3	Capital Structure	Ratio		Cost		WA Cost		Property tax															
4	Debt											2015 composite rate		2.00%									
5	Preferred equity																						
6	Common equity																						
7	Total	100.00%		7.39%		Overall Return		...TRADE SECRET DATA ENDS]															
9	Project life (years)	Book		Tax		SD Special																	
10		50		15-year MACRS		Hearing Fund:																	
12	Statutory Tax Rate	35.00%		35.00%		0.00%																	
14	Tax conversion factor	1.53846																					
15	Transmission Revenue	0.00%																					
16	SD share - D2 factor	9.8157%																					
17	Deferred Tax																						
19	Book depreciation	24,038	24,060	24,041	24,235	24,446	24,653	24,736	24,723	24,879	24,963	292,387	37,413	37,398									
20	Tax depreciation-Federal	67,430	67,430	67,430	67,430	67,430	67,430	67,430	67,430	67,430	256,247	997,977	131,703	131,703									
21	Tax depreciation-SD	67,430	67,430	67,430	67,430	67,430	67,430	67,430	67,430	67,430	256,247	997,977	131,703	131,703									
22	Federal deferred income taxes	(15,187)	(15,179)	(15,186)	(15,118)	(15,044)	(14,972)	(14,943)	(14,947)	(14,893)	(14,893)	(246,957)	(33,002)	(33,007)									
23	State deferred income taxes	0	0	0	0	0	0	0	0	0	(80,949)	0	0	0									

