

Otter Tail Power Company  
South Dakota Transmission Cost Recovery Rider  
Cass Lake - Bemidji Revenue Requirements  
Docket No. EL14-090

Line No.	Year>>	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2015	2015	
		Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	Projected Total	Projected January	Projected February	
<b>RATE BASE</b>															
1	Plant Balance	7,039,948	7,039,948	7,039,948	7,039,948	7,039,948	7,039,948	7,039,948	7,039,948	7,039,948	7,039,948	7,039,948	7,039,948	7,039,948	
2	Accumulated Depreciation	(175,134)	(184,236)	(193,338)	(202,440)	(211,541)	(220,643)	(229,745)	(238,847)	(247,949)	(257,051)	(257,051)	(266,153)	(275,254)	
3	Net Plant in Service	6,864,814	6,855,712	6,846,610	6,837,508	6,828,406	6,819,305	6,810,203	6,801,101	6,791,999	6,782,897	6,782,897	6,773,795	6,764,693	
4	CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Accumulated Deferred Income Taxes Federal & State	(1,352,172)	(1,357,965)	(1,363,758)	(1,369,551)	(1,375,344)	(1,381,138)	(1,386,931)	(1,392,724)	(1,398,517)	(1,404,310)	(1,404,310)	(1,409,209)	(1,414,108)	
6	Ending rate base	5,512,642	5,497,747	5,482,852	5,467,957	5,453,062	5,438,167	5,423,272	5,408,377	5,393,482	5,378,587	5,378,587	5,364,586	5,350,585	
7															
8	OTP Load Percentage	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	
9	Remove Non-OTP Load Portion	(3,703,448)	(3,693,441)	(3,683,435)	(3,673,428)	(3,663,422)	(3,653,415)	(3,643,408)	(3,633,402)	(3,623,395)	(3,613,389)	(3,613,389)	(3,603,983)	(3,594,576)	
10	Retail Ending Rate Base	1,809,194	1,804,306	1,799,417	1,794,529	1,789,640	1,784,752	1,779,864	1,774,975	1,770,087	1,765,199	1,765,199	1,760,603	1,756,008	
11															
12	Average rate base	149,589	149,589	149,589	149,589	149,589	149,589	149,589	149,589	149,589	149,589	1,795,072	144,802	144,802	
13															
14	Return on Rate Base	10,990	10,990	10,990	10,990	10,990	10,990	10,990	10,990	10,990	10,990	131,882	10,719	10,719	
15															
16	Available for return (equity portion of rate base)	6,943	6,943	6,943	6,943	6,943	6,943	6,943	6,943	6,943	6,943	83,321	6,670	6,670	
17															
18	<b>EXPENSES</b>														
19	<i>O&amp;M and Depreciation</i>														
20	Operating Costs	478	520	520	520	520	520	520	520	520	520	6,113	520	520	
21	Property Tax	10,325	10,325	10,325	10,325	10,325	10,325	10,325	10,325	10,325	10,325	123,903	10,325	10,325	
22	Book Depreciation	9,102	9,102	9,102	9,102	9,102	9,102	9,102	9,102	9,102	9,102	109,222	9,102	9,102	
23	Total O&M and Depreciation Expenses	19,905	19,947	19,947	19,947	19,947	19,947	19,947	19,947	19,947	19,947	239,238	19,947	19,947	
24															
25	OTP Load Percentage	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	
26	Remove Non-OTP Load Portion	(13,372)	(13,401)	(13,401)	(13,401)	(13,401)	(13,401)	(13,401)	(13,401)	(13,401)	(13,401)	(160,723)	(13,401)	(13,401)	
27	Retail O&M and Depreciation Expenses	6,533	6,546	6,546	6,546	6,546	6,546	6,546	6,546	6,546	6,546	78,516	6,546	6,546	
28															
29	Income before Taxes														
30	Available for return (from above)	6,943	6,943	6,943	6,943	6,943	6,943	6,943	6,943	6,943	6,943	83,321	6,670	6,670	
31	Taxable Income (grossed up)	1.53846	10,682	10,682	10,682	10,682	10,682	10,682	10,682	10,682	10,682	128,186	10,262	10,262	
32															
33	Income Taxes														
34	Current and Def Income Taxes	35.00%	3,739	3,739	3,739	3,739	3,739	3,739	3,739	3,739	3,739	44,865	3,592	3,592	
35	Total Income Tax Expense	3,739	3,739	3,739	3,739	3,739	3,739	3,739	3,739	3,739	3,739	44,865	3,592	3,592	
36															
37															
38	<b>REVENUE REQUIREMENTS</b>														
39	Expenses	10,271	10,285	10,285	10,285	10,285	10,285	10,285	10,285	10,285	10,285	123,381	10,138	10,138	
40	Return on rate base	10,990	10,990	10,990	10,990	10,990	10,990	10,990	10,990	10,990	10,990	131,882	10,719	10,719	
41	Subtotal revenue requirements	21,261	21,275	21,275	21,275	21,275	21,275	21,275	21,275	21,275	21,275	255,262	20,857	20,857	
42	Adjustments														
43	Transmission Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0	
44	Total revenue requirements	21,261	21,275	21,275	21,275	21,275	21,275	21,275	21,275	21,275	21,275	255,262	20,857	20,857	
45															
46	South Dakota share - D2 factor	9.8157%	2,087	2,088	2,088	2,088	2,088	2,088	2,088	2,088	2,088	25,056	2,047	2,047	
47															
48	Gross Receipts Tax (at 0.0015)	0.15%	3	3	3	3	3	3	3	3	3	38	3	3	
49	Total South Dakota Share	2,090	2,091	2,091	2,091	2,091	2,091	2,091	2,091	2,091	2,091	25,093	2,050	2,050	



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Line No.	Year>>	2015 Projected March	2015 Projected April	2015 Projected May	2015 Projected June	2015 Projected July	2015 Projected August	2015 Projected September	2015 Projected October	2015 Projected November	2015 Projected December	2015 Projected Total	2016 Projected January	2016 Projected February	
<b>RATE BASE</b>															
1	Plant Balance	7,039,948	7,039,948	7,039,948	7,039,948	7,039,948	7,039,948	7,039,948	7,039,948	7,039,948	7,039,948	7,039,948	7,039,948	7,039,948	
2	Accumulated Depreciation	(284,356)	(293,458)	(302,560)	(311,662)	(320,764)	(329,866)	(338,967)	(348,069)	(357,171)	(366,273)	(366,273)	(375,375)	(384,477)	
3	Net Plant in Service	6,755,591	6,746,490	6,737,388	6,728,286	6,719,184	6,710,082	6,700,980	6,691,878	6,682,777	6,673,675	6,673,675	6,664,573	6,655,471	
4	CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Accumulated Deferred Income Taxes Federal & State	(1,419,008)	(1,423,907)	(1,428,806)	(1,433,706)	(1,438,605)	(1,443,504)	(1,448,404)	(1,453,303)	(1,458,202)	(1,463,101)	(1,463,101)	(1,467,193)	(1,471,285)	
6	Ending rate base	5,336,584	5,322,583	5,308,581	5,294,580	5,280,579	5,266,578	5,252,577	5,238,576	5,224,575	5,210,573	5,210,573	5,197,380	5,184,186	
7															
8	OTP Load Percentage	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	
9	Remove Non-OTP Load Portion	(3,585,170)	(3,575,764)	(3,566,358)	(3,556,952)	(3,547,546)	(3,538,140)	(3,528,734)	(3,519,328)	(3,509,921)	(3,500,515)	(3,500,515)	(3,491,652)	(3,482,788)	
10	Retail Ending Rate Base	1,751,413	1,746,818	1,742,223	1,737,628	1,733,033	1,728,438	1,723,843	1,719,248	1,714,653	1,710,058	1,710,058	1,705,728	1,701,398	
11															
12	Average rate base	144,802	144,802	144,802	144,802	144,802	144,802	144,802	144,802	144,802	144,802	1,737,628	140,340	140,340	
13															
14	Return on Rate Base	10,719	10,719	10,719	10,719	10,719	10,719	10,719	10,719	10,719	10,719	128,630	10,389	10,389	
15															
16	Available for return (equity portion of rate base)	6,670	6,670	6,670	6,670	6,670	6,670	6,670	6,670	6,670	6,670	80,044	6,465	6,465	
17															
18	<b>EXPENSES</b>														
19	<i>O&amp;M and Depreciation</i>														
20	Operating Costs	0	0	0	0	0	0	0	0	0	0	1,040	0	0	
21	Property Tax	10,325	10,325	10,325	10,325	10,325	10,325	10,325	10,325	10,325	10,325	123,903	10,325	10,325	
22	Book Depreciation	9,102	9,102	9,102	9,102	9,102	9,102	9,102	9,102	9,102	9,102	109,222	9,102	9,102	
23	Total O&M and Depreciation Expenses	19,427	19,427	19,427	19,427	19,427	19,427	19,427	19,427	19,427	19,427	234,165	19,427	19,427	
24															
25															
26	OTP Load Percentage	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	32.819%	
27	Remove Non-OTP Load Portion	(13,051)	(13,051)	(13,051)	(13,051)	(13,051)	(13,051)	(13,051)	(13,051)	(13,051)	(13,051)	(157,315)	(13,051)	(13,051)	
28	Retail O&M and Depreciation Expenses	6,376	6,376	6,376	6,376	6,376	6,376	6,376	6,376	6,376	6,376	76,851	6,376	6,376	
29															
30	Income before Taxes														
31	Available for return (from above)	6,670	6,670	6,670	6,670	6,670	6,670	6,670	6,670	6,670	6,670	80,044	6,465	6,465	
32	Taxable Income (grossed up)	1.53846	10,262	10,262	10,262	10,262	10,262	10,262	10,262	10,262	10,262	123,144	9,946	9,946	
33															
34	Income Taxes														
35	Current and Def Income Taxes	35.00%	3,592	3,592	3,592	3,592	3,592	3,592	3,592	3,592	3,592	43,101	3,481	3,481	
36	Total Income Tax Expense		3,592	3,592	3,592	3,592	3,592	3,592	3,592	3,592	3,592	43,101	3,481	3,481	
37															
38	<b>REVENUE REQUIREMENTS</b>														
39	Expenses	9,967	9,967	9,967	9,967	9,967	9,967	9,967	9,967	9,967	9,967	119,951	9,857	9,857	
40	Return on rate base	10,719	10,719	10,719	10,719	10,719	10,719	10,719	10,719	10,719	10,719	128,630	10,389	10,389	
41	Subtotal revenue requirements	20,687	20,687	20,687	20,687	20,687	20,687	20,687	20,687	20,687	20,687	248,582	20,246	20,246	
42	Adjustments														
43	Transmission Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0	
44	Total revenue requirements	20,687	20,687	20,687	20,687	20,687	20,687	20,687	20,687	20,687	20,687	248,582	20,246	20,246	
45															
46	South Dakota share - D2 factor	9.8157%	2,031	2,031	2,031	2,031	2,031	2,031	2,031	2,031	2,031	24,400	1,987	1,987	
47															
48	Gross Receipts Tax (at 0.0015)	0.15%	3	3	3	3	3	3	3	3	3	37	3	3	
49	Total South Dakota Share		2,034	2,034	2,034	2,034	2,034	2,034	2,034	2,034	2,034	24,437	1,990	1,990	

