PUBLIC -TRADE SECRET DATA HAS BEEN EXCISED

Otter Tail Power Company
South Dakota Transmission Cost Recovery Rider
Cass Lake - Bemidji Revenue Requirements
Docket No. EL13-

Line No.	Year>>	2013 Actual January	2013 Actual February	2013 Actual March	2013 Actual April	2013 Actual May	2013 Actual June	2013 Actual July	2013 Projected August	2013 Projected September	2013 Projected October	2013 Projected November	2013 Projected December	2013 Projected Total
	RATE BASE													
1	Plant Balance	0	1,477,399	1,477,399	1,477,399	1,477,399	1,477,399	1,477,399	1,474,958	1,474,958	1,474,958	1,474,958	1,434,441	1,434,441
2	Accumulated Depreciation	0	0	(2,566)	(5,131)	(7,697)	(10,263)	(12,829)	(15,394)	(17,957)	(20,519)	(23,081)	(25,644)	(25,644)
3	Net Plant in Service	0	1,477,399	1,474,834	1,472,268	1,469,702	1,467,136	1,464,571	1,459,564	1,457,002	1,454,439	1,451,877	1,408,797	1,408,797
4	CWIP	1,488,980	3,581	(3,405)	(8,342)	(8,342)	(37,418)	(2,441)	0	0	0	0	0	0
5	Accumulated Deferred Income Taxes Fedederal & State	(1,678,932)	(1,702,894)	(1,725,957)	(1,749,021)	(1,772,085)	(1,795,148)	(1,818,212)	(1,841,276)	(1,864,341)	(1,887,405)	(1,910,470)	(1,933,535)	(1,933,535)
6	Ending rate base	(189,952)	(221,913)	(254,529)	(285,095)	(310,724)	(365,430)	(356,082)	(381,712)	(407,339)	(432,966)	(458,593)	(524,738)	(524,738)
7														
8	OTP Load Percentage	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%
9	Remove Non-OTP Load Portion	127,370	148,801	170,672	191,168	208,353	245,035	238,767	255,953	273,137	290,321	307,505	351,858	351,858
10	Retail Ending Rate Base	(62,581)	(73,111)	(83,857)	(93,927)	(102,371)	(120,395)	(117,315)	(125,759)	(134,202)	(142,645)	(151,088)	(172,880)	(172,880)
11														
12	Average rate base	(12,595)	(12,595)	(12,595)	(12,595)	(12,595)	(12,595)	(12,595)	(12,595)	(12,595)	(12,595)	(12,595)	(12,595)	(151,137)
13														
14	Return on Rate Base	(955)	(955)	(955)	(955)	(955)	(955)	(955)	(955)	(955)	(955)	(955)	(955)	(11,455)
15														
16	Available for return (equity portion of rate base)	(606)	(606)	(606)	(606)	(606)	(606)	(606)	(606)	(606)	(606)	(606)	(606)	(7,267)
17														
18	*EXPENSES*													
19	*O&M and Depreciation*													
20	Operating Costs	432	432	432	478	478	478	478	478	478	478	478	478	5,594
21	Property Tax	2,256	2,256	2,256	2,256	2,256	2,256	2,256	2,256	2,256	2,256	2,256	2,256	27,074
22	Book Depreciation	0	0	2,566	2,566	2,566	2,566	2,566	2,566	2,562	2,562	2,562	2,562	25,644
23	Total O&M and Depreciation Expenses	2,688	2,688	5,254	5,299	5,299	5,299	5,299	5,299	5,296	5,296	5,296	5,296	58,312
24														
25	OTP Load Percentage	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%
26	Remove Non-OTP Load Portion	(1,802)	(1,802)	(3,523)	(3,554)	(3,554)	(3,554)	(3,554)	(3,554)	(3,551)	(3,551)	(3,551)	(3,551)	(39,100)
27	Retail O&M and Depreciation Expenses	886	886	1,731	1,746	1,746	1,746	1,746	1,746	1,745	1,745	1,745	1,745	19,211
28														
29	Income before Taxes													
30	Available for return (from above)	(606)	(606)	(606)	(606)	(606)	(606)	(606)	(606)	(606)	(606)	(606)	(606)	(7,267)
31	Taxable Income (grossed up) 1.53846	(932)	(932)	(932)	(932)	(932)	(932)	(932)	(932)	(932)	(932)	(932)	(932)	(11,180)
32														
33	Income Taxes													
34	Current and Def Income Taxes 35.00%	(326)	(326)	(326)	(326)	(326)	(326)	(326)	(326)	(326)	(326)	(326)	(326)	(3,913)
35	Total Income Tax Expense	(326)	(326)	(326)	(326)	(326)	(326)	(326)	(326)	(326)	(326)	(326)	(326)	(3,913)
36														
37														
38	*REVENUE REQUIRMENTS*													
39	Expenses	559	559	1,405	1,420	1,420	1,420	1,420	1,420	1,419	1,419	1,419	1,419	15,298
40	Return on rate base	(955)	(955)	(955)	(955)	(955)	(955)	(955)	(955)	(955)	(955)	(955)	(955)	(11,455)
41	Subtotal revenue requirements	(395)	(395)	450	465	465	465	465	465	464	464	464	464	3,843
42	Adjustments													
43	Transmission Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Total revenue requirements	(395)	(395)	450	465	465	465	465	465	464	464	464	464	3,843
45														
46	South Dakota share - D2 factor 9.8157%	(39)	(39)	44	46	46	46	46	46	46	46	46	46	377
47														
48	Gross Receipts Tax (at 0.0015) 0.15%	(0)	(0)	0	0	0	0	0	0	0	0	0	0	1
49	Total South Dakota Share	(39)	(39)	44	46	46	46	46	46	46	46	46	46	378

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Line No.															
	SUPPORTING INFORMATION / DATA														
1		**[TRADE SECRET BEGINS…**													
2		SD Cap Structure with allowed ROE per order.													
3		Capital Structure		**Ratio**	**Cost**	**WA Cost**						**Property tax**			
4		Debt										2013 composite rate	1.88%		
5		Preferred equity													
6		Common equity					**…TRADE SECRET ENDS]**								
7		Total		100.00%		7.58%	Overall Return								
8															
9				**Book**	**Tax**										
10		Project life (years)		50	15-year MACRS										
11							**SD Special**								
12					**Fed Portion**	**State Portion**	**Hearing Fund:**								
13		Statutory Tax Rate		35.00%	35.00%	0.00%	0.15%								
14		Tax conversion factor		1.53846											
15		Transmission Revenue		0.00%											
16		SD share - D2 factor		9.8157%											
17															
18	**Deferred Tax**														
19	Book depreciation		0	0	2,566	2,566	2,566	2,566	2,566	2,566	2,562	2,562	2,562	2,562	25,644
20	Tax depreciation-Federal		0	68,462	68,462	68,462	68,462	68,462	68,462	68,462	68,462	68,462	68,462	68,462	753,082
21	Tax depreciation-SD		0	68,462	68,462	68,462	68,462	68,462	68,462	68,462	68,462	68,462	68,462	68,462	753,082
22	Federal deferred income taxes	35.00%	0	(23,962)	(23,064)	(23,064)	(23,064)	(23,064)	(23,064)	(23,064)	(23,065)	(23,065)	(23,065)	(23,065)	(254,603)
23	State deferred income taxes	0.00%	0	0	0	0	0	0	0	0	0	0	0	0	0

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Cass Lake - Bemidji Revenue Requirements
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Line No.	Year>>	2014 Projected January	2014 Projected February	2014 Projected March	2014 Projected April	2014 Projected May	2014 Projected June	2014 Projected July	2014 Projected August	2014 Projected September	2014 Projected October	2014 Projected November	2014 Projected December	2014 Projected Total
	RATE BASE													
1	Plant Balance	1,434,441	1,434,441	1,434,441	1,434,441	1,434,441	1,434,441	1,434,441	1,434,441	1,434,441	1,434,441	1,434,441	1,434,441	1,434,441
2	Accumulated Depreciation	(28,137)	(30,630)	(33,123)	(35,616)	(38,110)	(40,603)	(43,096)	(45,589)	(48,082)	(50,575)	(53,068)	(55,562)	(55,562)
3	Net Plant in Service	1,406,304	1,403,811	1,401,318	1,398,825	1,396,331	1,393,838	1,391,345	1,388,852	1,386,359	1,383,866	1,381,373	1,378,879	1,378,879
4	CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Accumulated Deferred Income Taxes Fedederal & State	(1,934,650)	(1,935,764)	(1,936,879)	(1,937,994)	(1,939,109)	(1,940,223)	(1,941,338)	(1,942,453)	(1,943,567)	(1,944,682)	(1,945,797)	(1,946,911)	(1,946,911)
6	Ending rate base	(528,346)	(531,954)	(535,561)	(539,169)	(542,777)	(546,385)	(549,993)	(553,601)	(557,209)	(560,816)	(564,424)	(568,032)	(568,032)
7														
8	OTP Load Percentage	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%
9	Remove Non-OTP Load Portion	354,277	356,696	359,115	361,535	363,954	366,373	368,792	371,211	373,631	376,050	378,469	380,888	380,888
10	Retail Ending Rate Base	(174,069)	(175,257)	(176,446)	(177,635)	(178,823)	(180,012)	(181,201)	(182,389)	(183,578)	(184,767)	(185,955)	(187,144)	(187,144)
11														
12	Average rate base	(15,001)	(15,001)	(15,001)	(15,001)	(15,001)	(15,001)	(15,001)	(15,001)	(15,001)	(15,001)	(15,001)	(15,001)	(180,012)
13														
14	Return on Rate Base	(1,137)	(1,137)	(1,137)	(1,137)	(1,137)	(1,137)	(1,137)	(1,137)	(1,137)	(1,137)	(1,137)	(1,137)	(13,644)
15														
16	Available for return (equity portion of rate base)	(721)	(721)	(721)	(721)	(721)	(721)	(721)	(721)	(721)	(721)	(721)	(721)	(8,656)
17														
18	*EXPENSES*													
19	*O&M and Depreciation*													
20	Operating Costs	478	478	478	0	0	0	0	0	0	0	0	0	1,433
21	Property Tax	2,246	2,246	2,246	2,246	2,246	2,246	2,246	2,246	2,246	2,246	2,246	2,246	26,953
22	Book Depreciation	2,493	2,493	2,493	2,493	2,493	2,493	2,493	2,493	2,493	2,493	2,493	2,493	29,918
23	Total O&M and Depreciation Expenses	5,217	5,217	5,217	4,739	4,739	4,739	4,739	4,739	4,739	4,739	4,739	4,739	58,304
24														
25	OTP Load Percentage	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%	32.946%
26	Remove Non-OTP Load Portion	(3,498)	(3,498)	(3,498)	(3,178)	(3,178)	(3,178)	(3,178)	(3,178)	(3,178)	(3,178)	(3,178)	(3,178)	(39,095)
27	Retail O&M and Depreciation Expenses	1,719	1,719	1,719	1,561	1,561	1,561	1,561	1,561	1,561	1,561	1,561	1,561	19,209
28														
29	Income before Taxes													
30	Available for return (from above)	(721)	(721)	(721)	(721)	(721)	(721)	(721)	(721)	(721)	(721)	(721)	(721)	(8,656)
31	Taxable Income (grossed up) 1.53846	(1,110)	(1,110)	(1,110)	(1,110)	(1,110)	(1,110)	(1,110)	(1,110)	(1,110)	(1,110)	(1,110)	(1,110)	(13,316)
32														
33	Income Taxes													
34	Current and Def Income Taxes 35.00%	(388)	(388)	(388)	(388)	(388)	(388)	(388)	(388)	(388)	(388)	(388)	(388)	(4,661)
35	Total Income Tax Expense	(388)	(388)	(388)	(388)	(388)	(388)	(388)	(388)	(388)	(388)	(388)	(388)	(4,661)
36														
37														
38	*REVENUE REQUIRMENTS*													
39	Expenses	1,330	1,330	1,330	1,173	1,173	1,173	1,173	1,173	1,173	1,173	1,173	1,173	14,548
40	Return on rate base	(1,137)	(1,137)	(1,137)	(1,137)	(1,137)	(1,137)	(1,137)	(1,137)	(1,137)	(1,137)	(1,137)	(1,137)	(13,644)
41	Subtotal revenue requirements	193	193	193	36	36	36	36	36	36	36	36	36	904
42	Adjustments													
43	Transmission Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Total revenue requirements	193	193	193	36	36	36	36	36	36	36	36	36	904
45														
46	South Dakota share - D2 factor 9.8157%	19	19	19	4	4	4	4	4	4	4	4	4	89
47														
48	Gross Receipts Tax (at 0.0015) 0.15%	0	0	0	0	0	0	0	0	0	0	0	0	0
49	Total South Dakota Share	19	19	19	4	4	4	4	4	4	4	4	4	89

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2		SD Cap Structure with allowed ROE per order.													
3		Capital Structure		**Ratio**	**Cost**	**WA Cost**							**Property tax**		
4		Debt											2014 composite rate	1.88%	
5		Preferred equity													
6		Common equity					**…TRADE SECRET ENDS]**								
7		Total		100.00%		7.58%	Overall Return								
8															
9				**Book**	**Tax**										
10		Project life (years)		50	15-year MACRS										
11							**SD Special**								
12					**Fed Portion**	**State Portion**	**Hearing Fund:**								
13		Statutory Tax Rate		35.00%	35.00%	0.00%	0.15%								
14		Tax conversion factor		1.53846											
15		Transmission Revenue		0.00%											
16		SD share - D2 factor		9.8157%											
17															
18	**Deferred Tax**														
19	Book depreciation		2,493	2,493	2,493	2,493	2,493	2,493	2,493	2,493	2,493	2,493	2,493	2,493	29,918
20	Tax depreciation-Federal		5,678	5,678	5,678	5,678	5,678	5,678	5,678	5,678	5,678	5,678	5,678	5,678	68,136
21	Tax depreciation-SD		5,678	5,678	5,678	5,678	5,678	5,678	5,678	5,678	5,678	5,678	5,678	5,678	68,136
22	Federal deferred income taxes	35.00%	(1,115)	(1,115)	(1,115)	(1,115)	(1,115)	(1,115)	(1,115)	(1,115)	(1,115)	(1,115)	(1,115)	(1,115)	(13,376)
23	State deferred income taxes	0.00%	0	0	0	0	0	0	0	0	0	0	0	0	0