PUBLIC - TRADE SECRET DATA HAS BEEN EXCISED

Otter Tail Power Company
South Dakota Transmission Cost Recovery Rider
Bemidji-Grand Rapids 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 - Unclassified									127,620	133,620	136,020	835,220	835,220	835,220
2	Transmission Plant - Land and Land Rights (350)		565,699	565,699	565,699	565,699	565,699	565,699	565,699	565,699	565,699	565,699	565,699	565,699	565,699
3	Transmission Plant - Poles & Fixtures (355)		12,666,382	12,666,382	12,666,382	12,666,382	12,666,382	12,666,382	12,666,382	12,666,382	12,666,382	12,666,382	12,666,382	12,666,382	12,666,382
4	Transmission Plant - Overhead Conductors & Devices (356)		2,235,244	2,235,244	2,235,244	2,235,244	2,235,244	2,235,244	2,235,244	2,235,244	2,235,244	2,235,244	2,235,244	2,235,244	2,235,244
5	Plant Balance		15,467,325	15,467,325	15,467,325	15,467,325	15,467,325	15,467,325	15,467,325	15,594,945	15,600,945	15,603,345	16,302,545	16,302,545	16,302,545
6	Accumulated Depreciation		(130,232)	(158,375)	(186,517)	(214,659)	(242,801)	(270,943)	(299,085)	(327,227)	(355,585)	(383,953)	(412,325)	(441,878)	(441,878)
7	Net Plant in Service		15,337,093	15,308,951	15,280,809	15,252,666	15,224,524	15,196,382	15,168,240	15,267,718	15,245,361	15,219,393	15,890,221	15,860,667	15,860,667
8	CWIP (Project #103487)		19,944	28,859	102,712	83,328	90,991	99,415	115,820	0	0	0	0	0	0
9	Accumulated Deferred Income Taxes Fedederal & State		(3,824,627)	(3,848,996)	(3,873,364)	(3,897,732)	(3,922,101)	(3,946,469)	(3,970,837)	(3,995,205)	(4,019,498)	(4,043,787)	(4,068,075)	(4,091,949)	(4,091,949)
10	Ending rate base		11,532,409	11,488,814	11,510,157	11,438,262	11,393,414	11,349,329	11,313,223	11,272,513	11,225,862	11,175,605	11,822,146	11,768,718	11,768,718
11															
12	OTP Load Percentage		13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%
13	Remove Non-OTP Load Portion		(10,012,668)	(9,974,818)	(9,993,348)	(9,930,928)	(9,891,990)	(9,853,714)	(9,822,367)	(9,787,021)	(9,746,518)	(9,702,884)	(10,264,223)	(10,217,836)	(10,217,836)
14	Retail Ending Rate Base		1,519,741	1,513,996	1,516,808	1,507,334	1,501,424	1,495,615	1,490,857	1,485,492	1,479,344	1,472,721	1,557,922	1,550,882	1,550,882
15															
16	Average rate base		178,010	178,010	178,010	178,010	178,010	178,010	178,010	178,010	178,010	178,010	178,010	178,010	2,136,122
17															
18	Return on Rate Base		13,492	13,492	13,492	13,492	13,492	13,492	13,492	13,492	13,492	13,492	13,492	13,492	161,906
19															
20	Available for return (equity portion of rate base)		8,559	8,559	8,559	8,559	8,559	8,559	8,559	8,559	8,559	8,559	8,559	8,559	102,712
21															
22	*EXPENSES*														
23	*O&M and Depreciation*														
24	Operating Costs		0	0	0	0	0	0	0	0	0	0	0	0	0
25	Property Tax		24,219	24,219	24,219	24,219	24,219	24,219	24,219	24,219	24,219	24,219	24,219	24,219	290,631
26	Book Depreciation		28,142	28,142	28,142	28,142	28,142	28,142	28,142	28,142	28,358	28,368	28,372	29,553	339,788
27	Total O&M and Depreciation Expenses		52,361	52,361	52,361	52,361	52,361	52,361	52,361	52,361	52,577	52,587	52,591	53,773	630,419
28															
29	OTP Load Percentage		13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%
30	Remove Non-OTP Load Portion		(45,461)	(45,461)	(45,461)	(45,461)	(45,461)	(45,461)	(45,461)	(45,461)	(45,648)	(45,657)	(45,661)	(46,686)	(547,342)
31	Retail O&M and Depreciation Expenses		6,900	6,900	6,900	6,900	6,900	6,900	6,900	6,900	6,929	6,930	6,930	7,086	83,077
32															
33	Income before Taxes														
34	Available for return (from above)		8,559	8,559	8,559	8,559	8,559	8,559	8,559	8,559	8,559	8,559	8,559	8,559	102,712
35	Taxable Income (grossed up)	1.53846	13,168	13,168	13,168	13,168	13,168	13,168	13,168	13,168	13,168	13,168	13,168	13,168	158,018
36															
37	Income Taxes														
38	Current and Def Income Taxes	35.00%	4,609	4,609	4,609	4,609	4,609	4,609	4,609	4,609	4,609	4,609	4,609	4,609	55,306
39	Total Income Tax Expense		4,609	4,609	4,609	4,609	4,609	4,609	4,609	4,609	4,609	4,609	4,609	4,609	55,306
40															
41															
42	*REVENUE REQUIRMENTS*														
43	Expenses		11,509	11,509	11,509	11,509	11,509	11,509	11,509	11,509	11,537	11,539	11,539	11,695	138,383
44	Return on rate base		13,492	13,492	13,492	13,492	13,492	13,492	13,492	13,492	13,492	13,492	13,492	13,492	161,906
45	Subtotal revenue requirements		25,001	25,001	25,001	25,001	25,001	25,001	25,001	25,001	25,030	25,031	25,032	25,187	300,289
46	Adjustments														
47	Transmission Revenue		0	0	0	0	0	0	0	0	0	0	0	0	0
48	Total revenue requirements		25,001	25,001	25,001	25,001	25,001	25,001	25,001	25,001	25,030	25,031	25,032	25,187	300,289
49															
50	South Dakota share - D2 factor	9.8157%	2,454	2,454	2,454	2,454	2,454	2,454	2,454	2,454	2,457	2,457	2,457	2,472	29,476
51															
52	Gross Receipts Tax (at 0.0015)	0.15%	4	4	4	4	4	4	4	4	4	4	4	4	44
53	Total South Dakota Share		2,458	2,458	2,458	2,458	2,458	2,458	2,458	2,458	2,461	2,461	2,461	2,476	29,520

PUBLIC - TRADE SECRET DATA HAS BEEN EXCISED

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**													
	Book depreciation							0	0	216	226	230	1,411	2,083
	Transmission Plant - Land and Land Rights (350)	0	0	0	0	0	0	0	0	0	0	0	0	0
	Transmission Plant - Poles & Fixtures (355)	24,300	24,300	24,300	24,300	24,300	24,300	24,300	24,300	24,300	24,300	24,300	24,300	291,605
	Transmission Plant - Overhead Conductors & Devices (356)	3,842	3,842	3,842	3,842	3,842	3,842	3,842	3,842	3,842	3,842	3,842	3,842	46,100
19	Book depreciation	28,142	28,142	28,142	28,142	28,142	28,142	28,142	28,142	28,358	28,368	28,372	29,553	339,788
20	Tax depreciation-Federal	97,766	97,766	97,766	97,766	97,766	97,766	97,766	97,766	97,766	97,766	97,766	97,766	1,173,189
21	Tax depreciation-SD	97,766	97,766	97,766	97,766	97,766	97,766	97,766	97,766	97,766	97,766	97,766	97,766	1,173,189
22	Federal deferred income taxes 35.00%	(24,368)	(24,368)	(24,368)	(24,368)	(24,368)	(24,368)	(24,368)	(24,368)	(24,293)	(24,289)	(24,288)	(23,874)	(291,690)
23	State deferred income taxes 0.00%	0	0	0	0	0	0	0	0	0	0	0	0	0

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

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 - Unclassified		835,220	835,220	835,220	835,220	835,220	835,220	835,220	835,220	835,220	835,220	835,220	835,220	835,220
2	Transmission Plant - Land and Land Rights (350)		565,699	565,699	565,699	565,699	565,699	565,699	565,699	565,699	565,699	565,699	565,699	565,699	565,699
3	Transmission Plant - Poles & Fixtures (355)		12,666,382	12,666,382	12,666,382	12,666,382	12,666,382	12,666,382	12,666,382	12,666,382	12,666,382	12,666,382	12,666,382	12,666,382	12,666,382
4	Transmission Plant - Overhead Conductors & Devices (356)		2,235,244	2,235,244	2,235,244	2,235,244	2,235,244	2,235,244	2,235,244	2,235,244	2,235,244	2,235,244	2,235,244	2,235,244	2,235,244
5	Plant Balance		16,302,545	16,302,545	16,302,545	16,302,545	16,302,545	16,302,545	16,302,545	16,302,545	16,302,545	16,302,545	16,302,545	16,302,545	16,302,545
6	Accumulated Depreciation		(471,431)	(500,985)	(530,538)	(560,092)	(589,645)	(619,198)	(648,752)	(678,305)	(707,859)	(737,412)	(766,965)	(796,519)	(796,519)
7	Net Plant in Service		15,831,114	15,801,561	15,772,007	15,742,454	15,712,900	15,683,347	15,653,793	15,624,240	15,594,687	15,565,133	15,535,580	15,506,026	15,506,026
8	CWIP (Project #103487)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Accumulated Deferred Income Taxes Fedederal & State		(4,102,049)	(4,112,148)	(4,122,247)	(4,132,347)	(4,142,446)	(4,152,545)	(4,162,644)	(4,172,744)	(4,182,843)	(4,192,942)	(4,203,041)	(4,213,141)	(4,213,141)
10	Ending rate base		11,729,065	11,689,413	11,649,760	11,610,107	11,570,455	11,530,802	11,491,149	11,451,497	11,411,844	11,372,191	11,332,539	11,292,886	11,292,886
11															
12	OTP Load Percentage		13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%
13	Remove Non-OTP Load Portion		(10,183,409)	(10,148,982)	(10,114,555)	(10,080,127)	(10,045,700)	(10,011,273)	(9,976,846)	(9,942,418)	(9,907,991)	(9,873,564)	(9,839,137)	(9,804,709)	(9,804,709)
14	Retail Ending Rate Base		1,545,656	1,540,431	1,535,205	1,529,980	1,524,754	1,519,529	1,514,304	1,509,078	1,503,853	1,498,627	1,493,402	1,488,177	1,488,177
15															
16	Average rate base		126,627	126,627	126,627	126,627	126,627	126,627	126,627	126,627	126,627	126,627	126,627	126,627	1,519,529
17															
18	Return on Rate Base		9,598	9,598	9,598	9,598	9,598	9,598	9,598	9,598	9,598	9,598	9,598	9,598	115,172
19															
20	Available for return (equity portion of rate base)		6,089	6,089	6,089	6,089	6,089	6,089	6,089	6,089	6,089	6,089	6,089	6,089	73,064
21															
22	*EXPENSES*														
23	*O&M and Depreciation*														
24	Operating Costs		0	0	0	0	0	0	0	0	0	0	0	0	0
25	Property Tax		25,527	25,527	25,527	24,219	25,527	25,527	25,527	25,527	25,527	25,527	25,527	25,527	305,017
26	Book Depreciation		29,553	29,553	29,553	29,553	29,553	29,553	29,553	29,553	29,553	29,553	29,553	29,553	354,641
27	Total O&M and Depreciation Expenses		55,080	55,080	55,080	53,773	55,080	55,080	55,080	55,080	55,080	55,080	55,080	55,080	659,658
28															
29	OTP Load Percentage		13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%	13.178%
30	Remove Non-OTP Load Portion		(47,822)	(47,822)	(47,822)	(46,686)	(47,822)	(47,822)	(47,822)	(47,822)	(47,822)	(47,822)	(47,822)	(47,822)	(572,728)
31	Retail O&M and Depreciation Expenses		7,259	7,259	7,259	7,086	7,259	7,259	7,259	7,259	7,259	7,259	7,259	7,259	86,930
32															
33	Income before Taxes														
34	Available for return (from above)		6,089	6,089	6,089	6,089	6,089	6,089	6,089	6,089	6,089	6,089	6,089	6,089	73,064
35	Taxable Income (grossed up)	1.53846	9,367	9,367	9,367	9,367	9,367	9,367	9,367	9,367	9,367	9,367	9,367	9,367	112,406
36															
37	Income Taxes														
38	Current and Def Income Taxes	35.00%	3,279	3,279	3,279	3,279	3,279	3,279	3,279	3,279	3,279	3,279	3,279	3,279	39,342
39	Total Income Tax Expense		3,279	3,279	3,279	3,279	3,279	3,279	3,279	3,279	3,279	3,279	3,279	3,279	39,342
40															
41															
42	*REVENUE REQUIRMENTS*														
43	Expenses		10,537	10,537	10,537	10,365	10,537	10,537	10,537	10,537	10,537	10,537	10,537	10,537	126,272
44	Return on rate base		9,598	9,598	9,598	9,598	9,598	9,598	9,598	9,598	9,598	9,598	9,598	9,598	115,172
45	Subtotal revenue requirements		20,135	20,135	20,135	19,962	20,135	20,135	20,135	20,135	20,135	20,135	20,135	20,135	241,444
46	Adjustments														
47	Transmission Revenue		0	0	0	0	0	0	0	0	0	0	0	0	0
48	Total revenue requirements		20,135	20,135	20,135	19,962	20,135	20,135	20,135	20,135	20,135	20,135	20,135	20,135	241,444
49															
50	South Dakota share - D2 factor	9.8157%	1,976	1,976	1,976	1,959	1,976	1,976	1,976	1,976	1,976	1,976	1,976	1,976	23,699
51															
52	Gross Receipts Tax (at 0.0015)	0.15%	3	3	3	3	3	3	3	3	3	3	3	3	36
53	Total South Dakota Share		1,979	1,979	1,979	1,962	1,979	1,979	1,979	1,979	1,979	1,979	1,979	1,979	23,735

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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									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**													
	Book depreciation		1,411	1,411	1,411	1,411	1,411	1,411	1,411	1,411	1,411	1,411	1,411	1,411	16,936
	Transmission Plant - Land and Land Rights (350)		0	0	0	0	0	0	0	0	0	0	0	0	0
	Transmission Plant - Poles & Fixtures (355)		24,300	24,300	24,300	24,300	24,300	24,300	24,300	24,300	24,300	24,300	24,300	24,300	291,605
	Transmission Plant - Overhead Conductors & Devices (356)		3,842	3,842	3,842	3,842	3,842	3,842	3,842	3,842	3,842	3,842	3,842	3,842	46,100
19	Book depreciation		29,553	29,553	29,553	29,553	29,553	29,553	29,553	29,553	29,553	29,553	29,553	29,553	354,641
20	Tax depreciation-Federal		58,408	58,408	58,408	58,408	58,408	58,408	58,408	58,408	58,408	58,408	58,408	58,408	700,901
21	Tax depreciation-SD		58,408	58,408	58,408	58,408	58,408	58,408	58,408	58,408	58,408	58,408	58,408	58,408	700,901
22	Federal deferred income taxes	35.00%	(10,099)	(10,099)	(10,099)	(10,099)	(10,099)	(10,099)	(10,099)	(10,099)	(10,099)	(10,099)	(10,099)	(10,099)	(121,191)
23	State deferred income taxes	0.00%	0	0	0	0	0	0	0	0	0	0	0	0	0