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Otter Tail Power Company
South Dakota Transmission Cost Recovery Rider
Rugby Wind Interconnection Revenue Requirements
Docket No. EL15-045

Line No.		Year>>	2015 Actual Mar	2015 Actual Apr	2015 Actual May	2015 Actual Jun	2015 Actual Jul	2015 Actual Aug	2015 Actual Sep	2015 Actual Oct	2015 Actual Nov	2015 Actual Dec	2015 Actual Total	2016 Projected Jan	2016 Projected Feb
	RATE BASE														
1	Plant Balance	Aug-11	394,399	394,399	394,399	394,399	394,399	394,399	394,399	394,399	394,399	394,399	394,399	394,399	394,399
2	Accumulated Depreciation		(22,517)	(23,024)	(23,532)	(24,040)	(24,548)	(25,055)	(25,563)	(26,071)	(26,579)	(27,086)	(27,086)	(27,594)	(28,102)
3	Net Plant in Service		371,882	371,374	370,867	370,359	369,851	369,344	368,836	368,328	367,820	367,313	367,313	366,805	366,297
	CWIP Calculation:														
	Beginning Balance		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)		(0)	(0)
	Additiontial CWIP														
	Closings from CWIP														
	AFUDC														
4	CWIP (Project #103897)	103897	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
5	Accumulated Deferred Income Taxes Federal & State		(119,821)	(119,643)	(119,465)	(119,288)	(119,110)	(118,932)	(118,755)	(118,577)	(118,399)	(118,221)	(118,221)	(118,044)	(117,866)
6	Ending rate base		252,061	251,731	251,401	251,071	250,741	250,411	250,081	249,751	249,421	249,091	249,091	248,761	248,431
7															
8	OTP Load Percentage		17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%
9	Remove Non-OTP Load Portion		(209,110)	(208,836)	(208,562)	(208,288)	(208,015)	(207,741)	(207,467)	(207,193)	(206,920)	(206,646)	(206,646)	(206,372)	(206,098)
10	Retail Ending Rate Base		42,951	42,895	42,839	42,782	42,726	42,670	42,614	42,558	42,501	42,445	42,445	42,389	42,333
11															
12	Average rate base		3,565	3,565	3,565	3,565	3,565	3,565	3,565	3,565	3,565	3,565	42,782	3,509	3,509
13															
14	Return on Rate Base		260	260	260	260	260	260	260	260	260	260	3,125	264	264
15															
16	Available for return (equity portion of rate base)		165	165	165	165	165	165	165	165	165	165	1,983	170	170
17															
18	*EXPENSES*														
19	*O&M and Depreciation*														
20	Operating Costs		0	0	0	0	0	0	0	0	0	0	0	0	0
21	Property Tax		233	233	233	233	233	233	233	233	233	233	2,800	233	233
22	Book Depreciation		508	508	508	508	508	508	508	508	508	508	6,093	508	508
23	Total O&M and Depreciation Expense		741	741	741	741	741	741	741	741	741	741	8,893	741	741
24															
25	OTP Load Percentage		17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%
26	Remove Non-OTP Load Portion		(615)	(615)	(615)	(615)	(615)	(615)	(615)	(615)	(615)	(615)	(7,378)	(615)	(615)
27	Retail O&M and Depreciation Expenses		126	126	126	126	126	126	126	126	126	126	1,515	126	126
28															
29	Income before Taxes														
30	Available for return (from above)		165	165	165	165	165	165	165	165	165	165	1,983	170	170
31	Taxable Income (grossed up)	1.5385	254	254	254	254	254	254	254	254	254	254	3,050	262	262
32															
33	Income Taxes														
34	Current and Def Income Taxes	35.00%	89	89	89	89	89	89	89	89	89	89	1,068	92	92
35	Total Income Tax Expense		89	89	89	89	89	89	89	89	89	89	1,068	92	92
36															
37															
38	*REVENUE REQUIRMENTS*														
39	Expenses		215	215	215	215	215	215	215	215	215	215	2,583	218	218
40	Return on rate base		260	260	260	260	260	260	260	260	260	260	3,125	264	264
41	Subtotal revenue requirements		476	476	476	476	476	476	476	476	476	476	5,708	482	482
42	Adjustments														
43	Transmission Revenue		0	0	0	0	0	0	0	0	0	0	0	0	0
44	Total revenue requirements		476	476	476	476	476	476	476	476	476	476	5,708	482	482
45															
46	South Dakota share - D2 factor	9.82%	47	47	47	47	47	47	47	47	47	47	560	47	47
47															
48	Gross Receipts Tax	0.14%	0	0	0	0	0	0	0	0	0	0	1	0	0
49	Total South Dakota Share		47	47	47	47	47	47	47	47	47	47	561	47	47

Line No.															
	SUPPORTING INFORMATION / DATA														
1															
2	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	0.71%		
5	Preferred equity														
6	Common equity							**...TRADE SECRET DATA ENDS]**							
7	Total		100.00%				7.30%	Overall Return							
8															
9			**Book**		**Tax**										
10	Project life (years)		50		15-year MACRS										
11								**SD Gross**							
12					**Fed Portion**		**State Portion**	**Receipts Tax**							
13	Statutory Tax Rate		35.00%		35.00%		0.00%	0.14%							
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		508	508	508	508	508	508	508	508	508	508	6,093	508	508
20	Tax depreciation-Federal		0	0	0	0	0	0	0	0	0	0	0	0	0
21	Tax depreciation-SD		0	0	0	0	0	0	0	0	0	0	0	0	0
22	Federal deferred income taxes	35.00%	178	178	178	178	178	178	178	178	178	178	2,132	178	178
23	State deferred income taxes	0.00%	0	0	0	0	0	0	0	0	0	0	0	0	0

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Line No.		Year>>	2016 Projected Mar	2016 Projected Apr	2016 Projected May	2016 Projected Jun	2016 Projected Jul	2016 Projected Aug	2016 Projected Sep	2016 Projected Oct	2016 Projected Nov	2016 Projected Dec	2016 Projected Total	2017 Projected Jan	2017 Projected Feb
	RATE BASE														
1	Plant Balance	Aug-11	394,399	394,399	394,399	394,399	394,399	394,399	394,399	394,399	394,399	394,399	394,399	394,399	394,399
2	Accumulated Depreciation		(28,609)	(29,117)	(29,625)	(30,133)	(30,640)	(31,148)	(31,656)	(32,163)	(32,671)	(33,179)	(33,179)	(33,687)	(34,194)
3	Net Plant in Service		365,790	365,282	364,774	364,266	363,759	363,251	362,743	362,235	361,728	361,220	361,220	360,712	360,205
	CWIP Calculation:														
	Beginning Balance		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)		(0)	(0)
	Additiontial CWIP														
	Closings from CWIP														
	AFUDC														
4	CWIP (Project #103897)	103897	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
5	Accumulated Deferred Income Taxes Federal & State		(117,688)	(117,511)	(117,333)	(117,155)	(116,978)	(116,800)	(116,622)	(116,444)	(116,267)	(116,089)	(116,089)	(115,911)	(115,734)
6	Ending rate base		248,101	247,771	247,441	247,111	246,781	246,451	246,121	245,791	245,461	245,131	245,131	244,801	244,471
7															
8	OTP Load Percentage		17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%
9	Remove Non-OTP Load Portion		(205,824)	(205,551)	(205,277)	(205,003)	(204,729)	(204,455)	(204,182)	(203,908)	(203,634)	(203,360)	(203,360)	(203,087)	(202,813)
10	Retail Ending Rate Base		42,276	42,220	42,164	42,108	42,051	41,995	41,939	41,883	41,826	41,770	41,770	41,714	41,658
11															
12	Average rate base		3,509	3,509	3,509	3,509	3,509	3,509	3,509	3,509	3,509	3,509	42,108	3,453	3,453
13															
14	Return on Rate Base		264	264	264	264	264	264	264	264	264	264	3,167	260	260
15															
16	Available for return (equity portion of rate base)		170	170	170	170	170	170	170	170	170	170	2,046	168	168
17															
18	*EXPENSES*														
19	*O&M and Depreciation*														
20	Operating Costs		0	0	0	0	0	0	0	0	0	0	0	0	0
21	Property Tax		233	233	233	233	233	233	233	233	233	233	2,800	233	233
22	Book Depreciation		508	508	508	508	508	508	508	508	508	508	6,093	508	508
23	Total O&M and Depreciation Expense		741	741	741	741	741	741	741	741	741	741	8,893	741	741
24															
25	OTP Load Percentage		17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%	17.040%
26	Remove Non-OTP Load Portion		(615)	(615)	(615)	(615)	(615)	(615)	(615)	(615)	(615)	(615)	(7,378)	(615)	(615)
27	Retail O&M and Depreciation Expenses		126	126	126	126	126	126	126	126	126	126	1,515	126	126
28															
29	Income before Taxes														
30	Available for return (from above)		170	170	170	170	170	170	170	170	170	170	2,046	168	168
31	Taxable Income (grossed up)	1.5385	262	262	262	262	262	262	262	262	262	262	3,147	258	258
32															
33	Income Taxes														
34	Current and Def Income Taxes	35.00%	92	92	92	92	92	92	92	92	92	92	1,101	90	90
35	Total Income Tax Expense		92	92	92	92	92	92	92	92	92	92	1,101	90	90
36															
37															
38	*REVENUE REQUIRMENTS*														
39	Expenses		218	218	218	218	218	218	218	218	218	218	2,617	217	217
40	Return on rate base		264	264	264	264	264	264	264	264	264	264	3,167	260	260
41	Subtotal revenue requirements		482	482	482	482	482	482	482	482	482	482	5,784	476	476
42	Adjustments														
43	Transmission Revenue		0	0	0	0	0	0	0	0	0	0	0	0	0
44	Total revenue requirements		482	482	482	482	482	482	482	482	482	482	5,784	476	476
45															
46	South Dakota share - D2 factor	9.82%	47	47	47	47	47	47	47	47	47	47	568	47	47
47															
48	Gross Receipts Tax	0.14%	0	0	0	0	0	0	0	0	0	0	1	0	0
49	Total South Dakota Share		47	47	47	47	47	47	47	47	47	47	569	47	47

Line No.															
	SUPPORTING INFORMATION / DATA														
1															
2	SD Cap Structure with allowed ROE per order.													SD Cap Structure with allowed RO	
	[TRADE SECRET DATA BEGINS…													**[TRADE SECRET D**	
3	Capital Structure		**Ratio**		**Cost**	**WA Cost**				**Property tax**				Capital Structure	
4	Debt									2016 composite rate		0.71%		Debt	
5	Preferred equity													Preferred equity	
6	Common equity						**…TRADE SECRET DATA ENDS]**							Common equity	
7	Total		100.00%			7.52%	Overall Return							Total	
8															
9			**Book**	**Tax**											
10	Project life (years)		50	15-year MACRS										Project life (years)	
11							**SD Gross**								
12				**Fed Portion**	**State Portion**	**Receipts Tax**									
13	Statutory Tax Rate		35.00%	35.00%	0.00%	0.14%								Statutory Tax Rate	
14	Tax conversion factor		1.53846											Tax conversion factor	
15	Transmission Revenue		0.00%											Transmission Revenue	
16	SD share - D2 factor		9.8157%											SD share - D2 factor	
17															
18	**Deferred Tax**														
19	Book depreciation		508	508	508	508	508	508	508	508	508	508	6,093	508	508
20	Tax depreciation-Federal		0	0	0	0	0	0	0	0	0	0	0	0	0
21	Tax depreciation-SD		0	0	0	0	0	0	0	0	0	0	0	0	0
22	Federal deferred income taxes	35.00%	178	178	178	178	178	178	178	178	178	178	2,132	178	178
23	State deferred income taxes	0.00%	0	0	0	0	0	0	0	0	0	0	0	0	0