PUBLIC - TRADE SECRET DATA HAS BEEN EXCISED

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

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 Projected Oct	2015 Projected Nov	2015 Projected Dec	2015 Projected 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 Fedederal & 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		264	264	264	264	264	264	264	264	264	264	3,162	259	259
15															
16	Available for return (equity portion of rate base)		163	163	163	163	163	163	163	163	163	163	1,958	161	161
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)		163	163	163	163	163	163	163	163	163	163	1,958	161	161
31	Taxable Income (grossed up)	1.5385	251	251	251	251	251	251	251	251	251	251	3,013	247	247
32															
33	Income Taxes														
34	Current and Def Income Taxes	35.00%	88	88	88	88	88	88	88	88	88	88	1,054	86	86
35	Total Income Tax Expense		88	88	88	88	88	88	88	88	88	88	1,054	86	86
36															
37															
38	*REVENUE REQUIRMENTS*														
39	Expenses		214	214	214	214	214	214	214	214	214	214	2,570	213	213
40	Return on rate base		264	264	264	264	264	264	264	264	264	264	3,162	259	259
41	Subtotal revenue requirements		478	478	478	478	478	478	478	478	478	478	5,732	472	472
42	Adjustments														
43	Transmission Revenue		0	0	0	0	0	0	0	0	0	0	0	0	0
44	Total revenue requirements		478	478	478	478	478	478	478	478	478	478	5,732	472	472
45															
46	South Dakota share - D2 factor	9.82%	47	47	47	47	47	47	47	47	47	47	563	46	46
47															
48	Gross Receipts Tax (at 0.0015)	0.15%	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	563	46	46

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%		7.39%	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		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

PUBLIC - TRADE SECRET DATA HAS BEEN EXCISED

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 Fedederal & 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		259	259	259	259	259	259	259	259	259	259	3,112	255	255
15															
16	Available for return (equity portion of rate base)		161	161	161	161	161	161	161	161	161	161	1,927	158	158
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)		161	161	161	161	161	161	161	161	161	161	1,927	158	158
31	Taxable Income (grossed up)	1.5385	247	247	247	247	247	247	247	247	247	247	2,965	243	243
32															
33	Income Taxes														
34	Current and Def Income Taxes	35.00%	86	86	86	86	86	86	86	86	86	86	1,038	85	85
35	Total Income Tax Expense		86	86	86	86	86	86	86	86	86	86	1,038	85	85
36															
37															
38	*REVENUE REQUIRMENTS*														
39	Expenses		213	213	213	213	213	213	213	213	213	213	2,553	211	211
40	Return on rate base		259	259	259	259	259	259	259	259	259	259	3,112	255	255
41	Subtotal revenue requirements		472	472	472	472	472	472	472	472	472	472	5,665	467	467
42	Adjustments														
43	Transmission Revenue		0	0	0	0	0	0	0	0	0	0	0	0	0
44	Total revenue requirements		472	472	472	472	472	472	472	472	472	472	5,665	467	467
45															
46	South Dakota share - D2 factor	9.82%	46	46	46	46	46	46	46	46	46	46	556	46	46
47															
48	Gross Receipts Tax (at 0.0015)	0.15%	0	0	0	0	0	0	0	0	0	0	1	0	0
49	Total South Dakota Share		46	46	46	46	46	46	46	46	46	46	557	46	46

Line No.			Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Jan	Feb
	SUPPORTING INFORMATION / DATA														
1															
2			SD Cap Structure with allowed ROE per order.											SD Cap Structure with allowed RC	
				[TRADE SECRET DATA BEGINS…											**[TRADE SECRET I**
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%		7.39%	Overall Return						Total	
8															
9					**Book**	**Tax**									
10			Project life (years)		50	15-year MACRS								Project life (years)	
11								**SD Special**							
12						**Fed Portion**	**State Portion**	**Hearing Fund:**							
13				Statutory Tax Rate	35.00%	35.00%	0.00%	0.15%							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