PUBLIC - TRADE SECRET DATA HAS BEEN EXCISED

Otter Tail Power Company
Air Quality Control System Project Revenue Requirement Calc
Docket No. EL16-

Line No.	Year>>		2014 Actual January	2014 Actual February	2014 Actual March	2014 Actual April	2014 Actual May	2014 Actual June	2014 Actual July	2014 Actual August	2014 Actual September	2014 Actual October	2014 Actual November	2014 Actual December	2014 Actual Total
	RATE BASE														
1	Plant Balance		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
3	Net Plant in Service		0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP		96,325,807	102,707,205	108,382,029	113,155,196	118,270,887	124,591,997	130,591,420	136,064,185	142,083,110	148,083,107	152,881,837	157,349,561	157,349,561
5	Deferred Tax Asset		0	0	0	0	0	0	0	0	0	0	0	0	0
6	Reversal of deferred tax asset		0	0	0	0	0	0	0	0	0	0	0	0	0
7	ADIT Pro-Rated														
8	Accumulated Deferred Income Taxes Fedederal & State		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Ending Rate Base		96,325,807	102,707,205	108,382,029	113,155,196	118,270,887	124,591,997	130,591,420	136,064,185	142,083,110	148,083,107	152,881,837	157,349,561	157,349,561
10															
11	Average Rate Base		10,383,604	10,383,604	10,383,604	10,383,604	10,383,604	10,383,604	10,383,604	10,383,604	10,383,604	10,383,604	10,383,604	10,383,604	124,603,247
12															
13	Return on Rate Base		768,407	768,407	768,407	768,407	768,407	768,407	768,407	768,407	768,407	768,407	768,407	768,407	9,220,882
14															
15	Available for Return (equity portion of rate base)		508,395	508,395	508,395	508,395	508,395	508,395	508,395	508,395	508,395	508,395	508,395	508,395	6,100,739
16															
17	*EXPENSES*														
18	*O&M and Depreciation*														
19	Operating Costs		0	0	0	0	0	0	0	0	0	0	0	0	0
20	Property Tax		0	0	0	0	0	0	0	0	0	0	0	0	0
21	Book Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
22	Total O&M and Depreciation Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
23															
24	Income before Taxes														
25	Available for Return (from above)		508,395	508,395	508,395	508,395	508,395	508,395	508,395	508,395	508,395	508,395	508,395	508,395	6,100,739
26	Taxable Income (grossed up)	1.5385	782,146	782,146	782,146	782,146	782,146	782,146	782,146	782,146	782,146	782,146	782,146	782,146	9,385,752
27															
28	Income Taxes														
29	Current and Def Income Taxes	35.00%	273,751	273,751	273,751	273,751	273,751	273,751	273,751	273,751	273,751	273,751	273,751	273,751	3,285,013
30	Total Income Tax Expense		273,751	273,751	273,751	273,751	273,751	273,751	273,751	273,751	273,751	273,751	273,751	273,751	3,285,013
31															
32															
33	*REVENUE REQUIREMENTS*														
34	Expenses		273,751	273,751	273,751	273,751	273,751	273,751	273,751	273,751	273,751	273,751	273,751	273,751	3,285,013
35	Return on Rate Base		768,407	768,407	768,407	768,407	768,407	768,407	768,407	768,407	768,407	768,407	768,407	768,407	9,220,882
36	Subtotal Revenue Requirements		1,042,158	1,042,158	1,042,158	1,042,158	1,042,158	1,042,158	1,042,158	1,042,158	1,042,158	1,042,158	1,042,158	1,042,158	12,505,895
37	Adjustments														
38	Total Revenue Requirements		1,042,158	1,042,158	1,042,158	1,042,158	1,042,158	1,042,158	1,042,158	1,042,158	1,042,158	1,042,158	1,042,158	1,042,158	12,505,895
39															
40	Base Demand Factor	75.29%	784,641	784,641	784,641	784,641	784,641	784,641	784,641	784,641	784,641	784,641	784,641	784,641	9,415,689
41	Peak Demand Factor	24.71%	257,517	257,517	257,517	257,517	257,517	257,517	257,517	257,517	257,517	257,517	257,517	257,517	3,090,207
42															
43	South Dakota share - E1 factor	9.9710%	78,237	78,237	78,237	78,237	78,237	78,237	78,237	78,237	78,237	78,237	78,237	78,237	938,843
44	South Dakota share - D1 factor	9.9001%	25,495	25,495	25,495	25,495	25,495	25,495	25,495	25,495	25,495	25,495	25,495	25,495	305,934
45															
46	South Dakota Revenue Requirements		103,731	103,731	103,731	103,731	103,731	103,731	103,731	103,731	103,731	103,731	103,731	103,731	1,244,777

PUBLIC - TRADE SECRET DATA HAS BEEN EXCISED

Otter Tail Power Company
Air Quality Control System Project Revenue Requirement Calc
Docket No. EL16-

Line No.														
	SUPPORTING INFORMATION / DATA													
1		**[TRADE SECRET BEGINS…**												
2														
3											**Property tax**			
4											2014 composite rate		0.00%	
5														
6							**…TRADE SECRET ENDS]**							
7		Total		100.00%		7.40%	Overall Return							
8														
9				**Book**	**Tax**									
10		Project life (years)		30	7-year MACRS									
11														
12					**Federal**	**State**								
13		Statutory Tax Rate		35.00%	35.00%	0.00%								
14		Tax conversion factor		1.53846										
15		Base Demand Factor		75.29%										
16		Peak Demand Factor		24.71%										
17		SD share - E1 factor		9.9710%										
18		SD share - D1 factor		9.9001%										
19														
20	**Deferred Tax**													
21	Book depreciation		0	0	0	0	0	0	0	0	0	0	0	0
22	Tax depreciation-Federal		0	0	0	0	0	0	0	0	0	0	0	0
23	Tax depreciation-State		0	0	0	0	0	0	0	0	0	0	0	0
24	Federal deferred income taxes	35.00%	0	0	0	0	0	0	0	0	0	0	0	0
25	State deferred income taxes		0	0	0	0	0	0	0	0	0	0	0	0

PUBLIC - TRADE SECRET DATA HAS BEEN EXCISED

Otter Tail Power Company
Air Quality Control System Project Revenue Requirement Calc
Docket No. EL16-

Line No.	Year>>		2015 Actual January	2015 Actual February	2015 Actual March	2015 Actual April	2015 Actual May	2015 Actual June	2015 Actual July	2015 Actual August	2015 Actual September	2015 Actual October	2015 Actual November	2015 Actual December	2015 Actual Total
	RATE BASE														
1	Plant Balance		0	0	0	0	0	0	0	0	0	0	0	202,926,377	202,926,377
2	Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
3	Net Plant in Service		0	0	0	0	0	0	0	0	0	0	0	202,926,377	202,926,377
4	CWIP		164,210,514	169,712,202	179,063,216	187,614,392	195,189,893	198,924,764	200,744,900	197,636,038	201,215,234	201,602,646	202,157,359	0	0
5	Deferred Tax Asset		0	0	0	0	0	0	0	0	0	0	0	17,769,693	17,769,693
6	Reversal of deferred tax asset		0	0	0	0	0	0	0	0	0	0	0	0	0
7	ADIT Pro-Rated														
8	Accumulated Deferred Income Taxes Fedederal & State		0	0	0	0	0	0	0	0	0	0	0	(36,843,820)	(36,843,820)
9	Ending Rate Base		164,210,514	169,712,202	179,063,216	187,614,392	195,189,893	198,924,764	200,744,900	197,636,038	201,215,234	201,602,646	202,157,359	183,852,249	183,852,249
10															
11	Average Rate Base		15,636,365	15,636,365	15,636,365	15,636,365	15,636,365	15,636,365	15,636,365	15,636,365	15,636,365	15,636,365	15,636,365	15,636,365	187,636,382
12															
13	Return on Rate Base		1,146,242	1,146,242	1,146,242	1,146,242	1,146,242	1,146,242	1,146,242	1,146,242	1,146,242	1,146,242	1,146,242	1,146,242	13,754,898
14															
15	Available for Return (equity portion of rate base)		711,938	711,938	711,938	711,938	711,938	711,938	711,938	711,938	711,938	711,938	711,938	711,938	8,543,251
16															
17	*EXPENSES*														
18	*O&M and Depreciation*														
19	Operating Costs		0	0	0	0	0	0	0	0	0			5,511	5,511
20	Property Tax		0	0	0	0	0	0	0	0	0	0	0	0	0
21	Book Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
22	Total O&M and Depreciation Expense		0	0	0	0	0	0	0	0	0	0	0	5,511	5,511
23															
24	Income before Taxes														
25	Available for Return (from above)		711,938	711,938	711,938	711,938	711,938	711,938	711,938	711,938	711,938	711,938	711,938	711,938	8,543,251
26	Taxable Income (grossed up)	1.5385	1,095,289	1,095,289	1,095,289	1,095,289	1,095,289	1,095,289	1,095,289	1,095,289	1,095,289	1,095,289	1,095,289	1,095,289	13,143,463
27															
28	Income Taxes														
29	Current and Def Income Taxes	35.00%	383,351	383,351	383,351	383,351	383,351	383,351	383,351	383,351	383,351	383,351	383,351	383,351	4,600,212
30	Total Income Tax Expense		383,351	383,351	383,351	383,351	383,351	383,351	383,351	383,351	383,351	383,351	383,351	383,351	4,600,212
31															
32															
33	*REVENUE REQUIREMENTS*														
34	Expenses		383,351	383,351	383,351	383,351	383,351	383,351	383,351	383,351	383,351	383,351	383,351	388,862	4,605,723
35	Return on Rate Base		1,146,242	1,146,242	1,146,242	1,146,242	1,146,242	1,146,242	1,146,242	1,146,242	1,146,242	1,146,242	1,146,242	1,146,242	13,754,898
36	Subtotal Revenue Requirements		1,529,593	1,529,593	1,529,593	1,529,593	1,529,593	1,529,593	1,529,593	1,529,593	1,529,593	1,529,593	1,529,593	1,535,104	18,360,621
37	Adjustments														
38	Total Revenue Requirements		1,529,593	1,529,593	1,529,593	1,529,593	1,529,593	1,529,593	1,529,593	1,529,593	1,529,593	1,529,593	1,529,593	1,535,104	18,360,621
39															
40	Base Demand Factor	75.29%	1,151,630	1,151,630	1,151,630	1,151,630	1,151,630	1,151,630	1,151,630	1,151,630	1,151,630	1,151,630	1,151,630	1,155,779	13,823,712
41	Peak Demand Factor	24.71%	377,962	377,962	377,962	377,962	377,962	377,962	377,962	377,962	377,962	377,962	377,962	379,324	4,536,909
42															
43	South Dakota share - E1 factor	9.9710%	114,830	114,830	114,830	114,830	114,830	114,830	114,830	114,830	114,830	114,830	114,830	115,243	1,378,369
44	South Dakota share - D1 factor	9.9001%	37,419	37,419	37,419	37,419	37,419	37,419	37,419	37,419	37,419	37,419	37,419	37,554	449,160
45															
46	South Dakota Revenue Requirements		152,248	152,248	152,248	152,248	152,248	152,248	152,248	152,248	152,248	152,248	152,248	152,797	1,827,528

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Otter Tail Power Company
Air Quality Control System Project Revenue Requirement Calc
Docket No. EL16-

Line No.														
	SUPPORTING INFORMATION / DATA													
1		**[TRADE SECRET BEGINS…**												
2														
3												**Property tax**		
4												2015 composite rate	0.00%	
5														
6							**…TRADE SECRET ENDS]**							
7		Total	100.00%		7.33%	Overall Return								
8														
9			**Book**	**Tax**										
10		Project life (years)	30	7-year MACRS										
11														
12				**Federal**	**State**									
13		Statutory Tax Rate	35.00%	35.00%	0.00%									
14		Tax conversion factor	1.53846											
15		Base Demand Factor	75.29%											
16		Peak Demand Factor	24.71%											
17		SD share - E1 factor	9.9710%											
18		SD share - D1 factor	9.9001%											
19														
20	**Deferred Tax**													
21	Book depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Tax depreciation-Federal	0	0	0	0	0	0	0	0	0	0	0	105,268,058	105,268,058
23	Tax depreciation-State	0	0	0	0	0	0	0	0	0	0	0	105,268,058	105,268,058
24	Federal deferred income taxes 35.00%	0	0	0	0	0	0	0	0	0	0	0	(36,843,820)	(36,843,820)
25	State deferred income taxes	0	0	0	0	0	0	0	0	0	0	0	0	0

PUBLIC - TRADE SECRET DATA HAS BEEN EXCISED

Otter Tail Power Company
Air Quality Control System Project Revenue Requirement Calc
Docket No. EL16-

Line No.	Year>>		2016 Actual January	2016 Actual February	2016 Actual March	2016 Actual April	2016 Actual May	2016 Actual June	2016 Actual July	2016 Projected August	2016 Projected September	2016 Projected October	2016 Projected November	2016 Projected December	2016 Projected Total
	RATE BASE														
1	Plant Balance		203,049,160	203,239,047	203,072,730	203,130,212	203,122,988	203,432,999	206,270,508	206,523,137	206,655,764	207,199,177	207,349,285	207,361,143	207,361,143
2	Accumulated Depreciation		(508,466)	(1,017,239)	(1,526,489)	(2,035,321)	(2,544,298)	(3,053,256)	(3,562,992)	(4,079,837)	(4,597,315)	(5,115,125)	(5,634,297)	(6,153,846)	(6,153,846)
3	Net Plant in Service		202,540,694	202,221,808	201,546,242	201,094,891	200,578,690	200,379,742	202,707,516	202,443,300	202,058,449	202,084,052	201,714,987	201,207,297	201,207,297
4	CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
5	Deferred Tax Asset		17,769,693	17,769,693	17,769,693	17,769,693	17,769,693	17,769,693	17,769,693	17,769,693	17,769,693	17,769,693	17,769,693	17,769,693	17,769,693
6	Reversal of deferred tax asset		(1,034,171)	(2,068,342)	(3,102,513)	(4,136,684)	(5,170,855)	(6,205,026)	(7,239,197)	(8,273,368)	(9,307,539)	(10,341,710)	(11,375,881)	(12,410,052)	(12,410,052)
7	ADIT Pro-Rated		1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.336986	0.254795	0.169863	0.087671	0.002740	
8	Accumulated Deferred Income Taxes Fedederal & State		(37,060,853)	(37,277,778)	(37,494,537)	(37,711,442)	(37,928,296)	(38,145,156)	(38,361,745)	(38,433,894)	(38,488,389)	(38,524,699)	(38,543,398)	(38,543,982)	(38,543,982)
9	Ending Rate Base		182,215,363	180,645,381	178,718,885	177,016,458	175,249,232	173,799,253	174,876,268	173,505,732	172,032,214	170,987,336	169,565,401	168,022,956	168,022,956
10															
11	Average Rate Base		14,618,505	14,618,505	14,618,505	14,618,505	14,618,505	14,618,505	14,618,505	14,618,505	14,618,505	14,618,505	14,618,505	14,618,505	175,422,056
12															
13	Return on Rate Base		1,102,221	1,102,221	1,102,221	1,102,221	1,102,221	1,102,221	1,102,221	1,102,221	1,102,221	1,102,221	1,102,221	1,102,221	13,226,653
14															
15	Available for Return (equity portion of rate base)		716,933	716,933	716,933	716,933	716,933	716,933	716,933	716,933	716,933	716,933	716,933	716,933	8,603,201
16															
17	*EXPENSES*														
18	*O&M and Depreciation*														
19	Operating Costs		22,911	45,054	45,718	25,351	26,738	33,358	70,764	70,764	70,764	70,764	70,764	70,764	623,715
20	Property Tax		0	0	0	0	0	0	0	0	0	0	0	0	0
21	Book Depreciation		508,466	508,774	509,249	508,833	508,977	508,958	509,735	516,845	517,478	517,810	519,172	519,548	6,153,846
22	Total O&M and Depreciation Expense		531,377	553,828	554,967	534,184	535,715	542,317	580,499	587,609	588,242	588,574	589,936	590,312	6,777,560
23															
24	Income before Taxes														
25	Available for Return (from above)		716,933	716,933	716,933	716,933	716,933	716,933	716,933	716,933	716,933	716,933	716,933	716,933	8,603,201
26	Taxable Income (grossed up)	1.5385	1,102,975	1,102,975	1,102,975	1,102,975	1,102,975	1,102,975	1,102,975	1,102,975	1,102,975	1,102,975	1,102,975	1,102,975	13,235,695
27															
28	Income Taxes														
29	Current and Def Income Taxes	35.00%	386,041	386,041	386,041	386,041	386,041	386,041	386,041	386,041	386,041	386,041	386,041	386,041	4,632,493
30	Total Income Tax Expense		386,041	386,041	386,041	386,041	386,041	386,041	386,041	386,041	386,041	386,041	386,041	386,041	4,632,493
31															
32															
33	*REVENUE REQUIREMENTS*														
34	Expenses		917,418	939,869	941,008	920,225	921,756	928,358	966,540	973,650	974,283	974,616	975,977	976,353	11,410,054
35	Return on Rate Base		1,102,221	1,102,221	1,102,221	1,102,221	1,102,221	1,102,221	1,102,221	1,102,221	1,102,221	1,102,221	1,102,221	1,102,221	13,226,653
36	Subtotal Revenue Requirements		2,019,639	2,042,090	2,043,229	2,022,446	2,023,977	2,030,579	2,068,761	2,075,871	2,076,504	2,076,837	2,078,198	2,078,574	24,636,707
37	Adjustments														
38	Total Revenue Requirements		2,019,639	2,042,090	2,043,229	2,022,446	2,023,977	2,030,579	2,068,761	2,075,871	2,076,504	2,076,837	2,078,198	2,078,574	24,636,707
39															
40	Base Demand Factor	75.29%	1,520,586	1,537,490	1,538,347	1,522,699	1,523,852	1,528,823	1,557,571	1,562,924	1,563,400	1,563,650	1,564,675	1,564,959	18,548,977
41	Peak Demand Factor	24.71%	499,053	504,600	504,882	499,746	500,125	501,756	511,191	512,948	513,104	513,186	513,523	513,616	6,087,730
42															
43	South Dakota share - E1 factor	9.9710%	151,618	153,304	153,389	151,829	151,944	152,440	155,306	155,840	155,887	155,912	156,015	156,043	1,849,527
44	South Dakota share - D1 factor	9.9001%	49,407	49,956	49,984	49,475	49,513	49,674	50,609	50,782	50,798	50,806	50,839	50,849	602,693
45															
46	South Dakota Revenue Requirements		201,025	203,260	203,373	201,305	201,457	202,114	205,915	206,622	206,685	206,718	206,854	206,891	2,452,220

PUBLIC - TRADE SECRET DATA HAS BEEN EXCISED

Otter Tail Power Company
Air Quality Control System Project Revenue Requirement Calc
Docket No. EL16-

Line No.															
	SUPPORTING INFORMATION / DATA														
1		**[TRADE SECRET BEGINS…**													
2															
3												**Property tax**			
4												2016 composite rate		0.00%	
5															
6							**…TRADE SECRET ENDS]**								
7		Total		100.00%		7.54%	Overall Return								
8															
9				**Book**	**Tax**										
10		Project life (years)		30	7-year MACRS										
11															
12					**Federal**	**State**									
13		Statutory Tax Rate		35.00%	35.00%	0.00%									
14		Tax conversion factor		1.53846											
15		Base Demand Factor		75.29%											
16		Peak Demand Factor		24.71%											
17		SD share - E1 factor		9.9710%											
18		SD share - D1 factor		9.9001%											
19															
20	**Deferred Tax**														
21	Book depreciation		508,466	508,774	509,249	508,833	508,977	508,958	509,735	516,845	517,478	517,810	519,172	519,548	6,153,846
22	Tax depreciation-Federal		1,128,560	1,128,560	1,128,560	1,128,560	1,128,560	1,128,560	1,128,560	1,128,560	1,128,560	1,128,560	1,128,560	1,128,560	13,542,718
23	Tax depreciation-State		1,128,560	1,128,560	1,128,560	1,128,560	1,128,560	1,128,560	1,128,560	1,128,560	1,128,560	1,128,560	1,128,560	1,128,560	13,542,718
24	Federal deferred income taxes	35.00%	(217,033)	(216,925)	(216,759)	(216,905)	(216,854)	(216,860)	(216,589)	(214,100)	(213,879)	(213,762)	(213,286)	(213,154)	(2,586,105)
25	State deferred income taxes		0	0	0	0	0	0	0	0	0	0	0	0	0

PUBLIC - TRADE SECRET DATA HAS BEEN EXCISED

Otter Tail Power Company
Air Quality Control System Project Revenue Requirement Calc
Docket No. EL16-

Line No.	Year>>		2017 Projected January	2017 Projected February	2017 Projected March	2017 Projected April	2017 Projected May	2017 Projected June	2017 Projected July	2017 Projected August	2017 Projected September	2017 Projected October	2017 Projected November	2017 Projected December	2017 Projected Total
	RATE BASE														
1	Plant Balance		207,373,001	207,406,849	207,406,849	207,406,849	207,406,849	207,406,849	207,406,849	207,406,849	207,406,849	207,406,849	207,406,849	207,406,849	207,406,849
2	Accumulated Depreciation		(6,673,424)	(7,193,031)	(7,712,724)	(8,232,416)	(8,752,108)	(9,271,801)	(9,791,493)	(10,311,186)	(10,830,878)	(11,350,571)	(11,870,263)	(12,389,955)	(12,389,955)
3	Net Plant in Service		200,699,577	200,213,817	199,694,125	199,174,433	198,654,740	198,135,048	197,615,355	197,095,663	196,575,970	196,056,278	195,536,586	195,016,893	195,016,893
4	CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
5	Deferred Tax Asset		17,769,693	17,769,693	17,769,693	17,769,693	17,769,693	17,769,693	17,769,693	17,769,693	17,769,693	17,769,693	17,769,693	17,769,693	17,769,693
6	Reversal of deferred tax asset		(12,576,719)	(12,743,385)	(12,910,052)	(13,076,719)	(13,243,385)	(13,410,052)	(13,576,719)	(13,743,385)	(13,910,052)	(14,076,719)	(14,243,385)	(14,410,052)	(14,410,052)
7	ADIT Pro-Rated		0.917808	0.841096	0.756164	0.673973	0.589041	0.506849	0.421918	0.336986	0.254795	0.169863	0.087671	0.002740	
8	Accumulated Deferred Income Taxes Fedederal & State		(38,679,251)	(38,803,206)	(38,914,621)	(39,013,926)	(39,100,717)	(39,175,397)	(39,237,564)	(39,287,216)	(39,324,759)	(39,349,787)	(39,362,704)	(39,363,108)	(39,363,108)
9	Ending Rate Base		167,213,300	166,436,919	165,639,145	164,853,481	164,080,331	163,319,291	162,570,766	161,834,754	161,110,853	160,399,466	159,700,189	159,013,426	159,013,426
10															
11	Average Rate Base		13,616,634	13,616,634	13,616,634	13,616,634	13,616,634	13,616,634	13,616,634	13,616,634	13,616,634	13,616,634	13,616,634	13,616,634	163,399,606
12															
13	Return on Rate Base		1,026,681	1,026,681	1,026,681	1,026,681	1,026,681	1,026,681	1,026,681	1,026,681	1,026,681	1,026,681	1,026,681	1,026,681	12,320,172
14															
15	Available for Return (equity portion of rate base)		667,799	667,799	667,799	667,799	667,799	667,799	667,799	667,799	667,799	667,799	667,799	667,799	8,013,586
16															
17	*EXPENSES*														
18	*O&M and Depreciation*														
19	Operating Costs		72,887	72,887	72,887	72,887	72,887	72,887	72,887	72,887	72,887	72,887	72,887	72,887	874,644
20	Property Tax		0	0	0	0	0	0	0	0	0	0	0	0	0
21	Book Depreciation		519,578	519,608	519,692	519,692	519,692	519,692	519,692	519,692	519,692	519,692	519,692	519,692	6,236,110
22	Total O&M and Depreciation Expense		592,465	592,495	592,579	592,579	592,579	592,579	592,579	592,579	592,579	592,579	592,579	592,579	7,110,754
23															
24	Income before Taxes														
25	Available for Return (from above)		667,799	667,799	667,799	667,799	667,799	667,799	667,799	667,799	667,799	667,799	667,799	667,799	8,013,586
26	Taxable Income (grossed up)	1.5385	1,027,383	1,027,383	1,027,383	1,027,383	1,027,383	1,027,383	1,027,383	1,027,383	1,027,383	1,027,383	1,027,383	1,027,383	12,328,594
27															
28	Income Taxes														
29	Current and Def Income Taxes	35.00%	359,584	359,584	359,584	359,584	359,584	359,584	359,584	359,584	359,584	359,584	359,584	359,584	4,315,008
30	Total Income Tax Expense		359,584	359,584	359,584	359,584	359,584	359,584	359,584	359,584	359,584	359,584	359,584	359,584	4,315,008
31															
32															
33	*REVENUE REQUIREMENTS*														
34	Expenses		952,049	952,079	952,163	952,163	952,163	952,163	952,163	952,163	952,163	952,163	952,163	952,163	11,425,762
35	Return on Rate Base		1,026,681	1,026,681	1,026,681	1,026,681	1,026,681	1,026,681	1,026,681	1,026,681	1,026,681	1,026,681	1,026,681	1,026,681	12,320,172
36	Subtotal Revenue Requirements		1,978,730	1,978,760	1,978,844	1,978,844	1,978,844	1,978,844	1,978,844	1,978,844	1,978,844	1,978,844	1,978,844	1,978,844	23,745,934
37	Adjustments														
38	Total Revenue Requirements		1,978,730	1,978,760	1,978,844	1,978,844	1,978,844	1,978,844	1,978,844	1,978,844	1,978,844	1,978,844	1,978,844	1,978,844	23,745,934
39															
40	Base Demand Factor	75.29%	1,489,786	1,489,808	1,489,872	1,489,872	1,489,872	1,489,872	1,489,872	1,489,872	1,489,872	1,489,872	1,489,872	1,489,872	17,878,314
41	Peak Demand Factor	24.71%	488,944	488,952	488,972	488,972	488,972	488,972	488,972	488,972	488,972	488,972	488,972	488,972	5,867,620
42															
43	South Dakota share - E1 factor	9.9710%	148,547	148,549	148,556	148,556	148,556	148,556	148,556	148,556	148,556	148,556	148,556	148,556	1,782,655
44	South Dakota share - D1 factor	9.9001%	48,406	48,407	48,409	48,409	48,409	48,409	48,409	48,409	48,409	48,409	48,409	48,409	580,902
45															
46	South Dakota Revenue Requirements		196,953	196,956	196,965	196,965	196,965	196,965	196,965	196,965	196,965	196,965	196,965	196,965	2,363,557

PUBLIC - TRADE SECRET DATA HAS BEEN EXCISED

Otter Tail Power Company
Air Quality Control System Project Revenue Requirement Calc
Docket No. EL16-

Line No.															
	SUPPORTING INFORMATION / DATA														
1		**[TRADE SECRET BEGINS…**													
2															
3												**Property tax**			
4												2017 composite rate		0.00%	
5															
6							**…TRADE SECRET ENDS]**								
7		Total		100.00%		7.54%	Overall Return								
8															
9				**Book**	**Tax**										
10		Project life (years)		30	7-year MACRS										
11															
12					**Federal**	**State**									
13		Statutory Tax Rate		35.00%	35.00%	0.00%									
14		Tax conversion factor		1.53846											
15		Base Demand Factor		75.29%											
16		Peak Demand Factor		24.71%											
17		SD share - E1 factor		9.9710%											
18		SD share - D1 factor		9.9001%											
19															
20	**Deferred Tax**														
21	Book depreciation		519,578	519,608	519,692	519,692	519,692	519,692	519,692	519,692	519,692	519,692	519,692	519,692	6,236,110
22	Tax depreciation-Federal		940,672	940,672	940,672	940,672	940,672	940,672	940,672	940,672	940,672	940,672	940,672	940,672	11,288,061
23	Tax depreciation-State		940,672	940,672	940,672	940,672	940,672	940,672	940,672	940,672	940,672	940,672	940,672	940,672	11,288,061
24	Federal deferred income taxes	35.00%	(147,383)	(147,372)	(147,343)	(147,343)	(147,343)	(147,343)	(147,343)	(147,343)	(147,343)	(147,343)	(147,343)	(147,343)	(1,768,183)
25	State deferred income taxes		0	0	0	0	0	0	0	0	0	0	0	0	0