

PUBLIC - TRADE SECRET DATA HAS BEEN EXCISED

Otter Tail Power Company
Air Quality Control System Project Revenue Requirement Calc
SD PUC Docket No.

Line No.	Year>>	2015 Actual January	2015 Actual February	2015 Actual March	2015 Actual April	2015 Actual May	2015 Actual June	2015 Projected July	2015 Projected August	2015 Projected September	2015 Projected October	2015 Projected November	2015 Projected December	2015 Projected Total
RATE BASE														
1		0	0	0	0	0	0	0	0	0	0	0	214,812,333	214,812,333
2		0	0	0	0	0	0	0	0	0	0	0	0	0
3		0	0	0	0	0	0	0	0	0	0	0	214,812,333	214,812,333
4		164,210,514	169,712,202	179,063,216	187,614,392	195,189,893	198,924,764	201,752,802	204,573,495	206,947,153	212,951,003	213,973,723	0	0
5		0	0	0	0	0	0	0	0	0	0	0	(10,721,284)	(10,721,284)
6		164,210,514	169,712,202	179,063,216	187,614,392	195,189,893	198,924,764	201,752,802	204,573,495	206,947,153	212,951,003	213,973,723	204,091,049	204,091,049
7														
8		16,002,268	16,002,268	16,002,268	16,002,268	16,002,268	16,002,268	16,002,268	16,002,268	16,002,268	16,002,268	16,002,268	16,002,268	192,027,213
9														
10		1,169,087	1,169,087	1,169,087	1,169,087	1,169,087	1,169,087	1,169,087	1,169,087	1,169,087	1,169,087	1,169,087	1,169,087	14,029,039
11														
12		718,863	718,863	718,863	718,863	718,863	718,863	718,863	718,863	718,863	718,863	718,863	718,863	8,626,360
13														
EXPENSES														
<i>O&M and Depreciation</i>														
16		0	0	0	0	0	0	0	0	0	0	0	86,958	86,958
17		0	0	0	0	0	0	0	0	0	0	0	0	0
18		0	0	0	0	0	0	0	0	0	0	0	0	0
19		0	0	0	0	0	0	0	0	0	0	0	86,958	86,958
20														
21														
22		718,863	718,863	718,863	718,863	718,863	718,863	718,863	718,863	718,863	718,863	718,863	718,863	8,626,360
23	1.5385	1,105,944	1,105,944	1,105,944	1,105,944	1,105,944	1,105,944	1,105,944	1,105,944	1,105,944	1,105,944	1,105,944	1,105,944	13,271,324
24														
25														
26	35.00%	387,080	387,080	387,080	387,080	387,080	387,080	387,080	387,080	387,080	387,080	387,080	387,080	4,644,963
27		387,080	387,080	387,080	387,080	387,080	387,080	387,080	387,080	387,080	387,080	387,080	387,080	4,644,963
28														
29														
REVENUE REQUIREMENTS														
31		387,080	387,080	387,080	387,080	387,080	387,080	387,080	387,080	387,080	387,080	387,080	474,039	4,731,922
32		1,169,087	1,169,087	1,169,087	1,169,087	1,169,087	1,169,087	1,169,087	1,169,087	1,169,087	1,169,087	1,169,087	1,169,087	14,029,039
33		1,556,167	1,556,167	1,556,167	1,556,167	1,556,167	1,556,167	1,556,167	1,556,167	1,556,167	1,556,167	1,556,167	1,643,125	18,760,961
34														
35		1,556,167	1,556,167	1,556,167	1,556,167	1,556,167	1,556,167	1,556,167	1,556,167	1,556,167	1,556,167	1,556,167	1,643,125	18,760,961
36														
37	75.29%	1,171,638	1,171,638	1,171,638	1,171,638	1,171,638	1,171,638	1,171,638	1,171,638	1,171,638	1,171,638	1,171,638	1,237,109	14,125,127
38	24.71%	384,529	384,529	384,529	384,529	384,529	384,529	384,529	384,529	384,529	384,529	384,529	406,016	4,635,833
39														
40	9.9710%	116,825	116,825	116,825	116,825	116,825	116,825	116,825	116,825	116,825	116,825	116,825	123,353	1,408,423
41	9.9001%	38,069	38,069	38,069	38,069	38,069	38,069	38,069	38,069	38,069	38,069	38,069	40,196	458,953
42														
43		154,893	154,893	154,893	154,893	154,893	154,893	154,893	154,893	154,893	154,893	154,893	163,549	1,867,376

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Line No.	SUPPORTING INFORMATION / DATA											
1	[TRADE SECRET BEGINS...											
2												
3												
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Line No.	Description	Book	Tax	Federal	State	Overall Return	Property tax	2015 composite rate
7	Total	100.00%				7.31%		0.00%
9	Project life (years)	30	7-year MACRS					
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%						
21	Book depreciation	0	0	0	0	0	0	0
22	Tax depreciation-Federal	0	0	0	0	0	0	30,632,239
23	Tax depreciation-State	0	0	0	0	0	0	30,632,239
24	Federal deferred income taxes	0	0	0	0	0	0	(10,721,284)
25	State deferred income taxes	0	0	0	0	0	0	0

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Line No.	Year>>	2016 Projected January	2016 Projected February	2016 Projected March	2016 Projected April	2016 Projected May	2016 Projected June	2016 Projected July	2016 Projected August	2016 Projected September	2016 Projected October	2016 Projected November	2016 Projected December	2016 Projected Total
RATE BASE														
1		215,061,027	215,228,422	215,388,098	215,591,230	215,753,937	215,835,794	215,872,375	215,881,898	215,891,421	215,932,410	215,947,323	215,956,846	215,956,846
2		(596,104)	(1,192,899)	(1,790,157)	(2,387,859)	(2,986,125)	(3,584,842)	(4,183,787)	(4,782,832)	(5,381,905)	(5,981,003)	(6,580,216)	(7,179,470)	(7,179,470)
3		214,464,923	214,035,524	213,597,941	213,203,371	212,767,812	212,250,952	211,688,589	211,099,066	210,509,517	209,951,407	209,367,107	208,777,377	208,777,377
4		0	0	0	0	0	0	0	0	0	0	0	0	0
5		(12,051,794)	(13,382,063)	(14,712,169)	(16,042,120)	(17,371,874)	(18,701,470)	(20,030,986)	(21,360,467)	(22,689,938)	(24,019,400)	(25,348,823)	(26,678,231)	(26,678,231)
6		202,413,129	200,653,461	198,885,772	197,161,251	195,395,938	193,549,482	191,657,603	189,738,599	187,819,578	185,932,006	184,018,284	182,099,146	182,099,146
7														
8		16,111,637	16,111,637	16,111,637	16,111,637	16,111,637	16,111,637	16,111,637	16,111,637	16,111,637	16,111,637	16,111,637	16,111,637	193,339,638
9														
10		1,190,797	1,190,797	1,190,797	1,190,797	1,190,797	1,190,797	1,190,797	1,190,797	1,190,797	1,190,797	1,190,797	1,190,797	14,289,564
11														
12		737,433	737,433	737,433	737,433	737,433	737,433	737,433	737,433	737,433	737,433	737,433	737,433	8,849,199
13														
EXPENSES														
<i>O&M and Depreciation</i>														
16		89,567	89,567	89,567	89,567	89,567	89,567	89,567	89,567	89,567	89,567	89,567	89,567	1,074,804
17		0	0	0	0	0	0	0	0	0	0	0	0	0
18		596,104	596,794	597,259	597,702	598,266	598,717	598,944	599,046	599,072	599,099	599,212	599,254	7,179,470
19		685,671	686,361	686,826	687,269	687,833	688,284	688,511	688,613	688,639	688,666	688,779	688,821	8,254,274
20														
21														
22		737,433	737,433	737,433	737,433	737,433	737,433	737,433	737,433	737,433	737,433	737,433	737,433	8,849,199
23	1.5385	1,134,513	1,134,513	1,134,513	1,134,513	1,134,513	1,134,513	1,134,513	1,134,513	1,134,513	1,134,513	1,134,513	1,134,513	13,614,152
24														
25														
26	35.00%	397,079	397,079	397,079	397,079	397,079	397,079	397,079	397,079	397,079	397,079	397,079	397,079	4,764,953
27		397,079	397,079	397,079	397,079	397,079	397,079	397,079	397,079	397,079	397,079	397,079	397,079	4,764,953
28														
29														
REVENUE REQUIREMENTS														
31		1,082,751	1,083,441	1,083,905	1,084,348	1,084,912	1,085,364	1,085,591	1,085,692	1,085,719	1,085,745	1,085,859	1,085,900	13,019,227
32		1,190,797	1,190,797	1,190,797	1,190,797	1,190,797	1,190,797	1,190,797	1,190,797	1,190,797	1,190,797	1,190,797	1,190,797	14,289,564
33		2,273,548	2,274,238	2,274,702	2,275,145	2,275,709	2,276,161	2,276,388	2,276,489	2,276,516	2,276,542	2,276,656	2,276,697	27,308,791
34														
35		2,273,548	2,274,238	2,274,702	2,275,145	2,275,709	2,276,161	2,276,388	2,276,489	2,276,516	2,276,542	2,276,656	2,276,697	27,308,791
36														
37	75.29%	1,711,754	1,712,274	1,712,623	1,712,957	1,713,381	1,713,721	1,713,892	1,713,969	1,713,989	1,714,009	1,714,094	1,714,125	20,560,788
38	24.71%	561,794	561,964	562,079	562,188	562,328	562,439	562,495	562,520	562,527	562,534	562,562	562,572	6,748,002
39														
40	9.9710%	170,680	170,732	170,766	170,766	170,842	170,876	170,893	170,901	170,903	170,905	170,913	170,916	2,050,093
41	9.9001%	55,618	55,635	55,647	55,647	55,671	55,682	55,688	55,690	55,691	55,692	55,694	55,695	668,050
42														
43		226,298	226,367	226,413	226,413	226,513	226,558	226,581	226,591	226,593	226,596	226,607	226,612	2,718,142

