PUBLIC - TRADE SECRET DATA HAS BEEN EXCISED

Otter Tail Power Company
Hoot Lake Plant MATS 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	6,185,550	6,185,550	6,185,550	6,185,550	6,185,550	6,185,550
2	Accumulated Depreciation		0	0	0	0	0	0	0	0	(80,332)	(160,663)	(240,995)	(321,327)	(321,327)
3	Net Plant in Service		0	0	0	0	0	0	0	6,185,550	6,105,218	6,024,887	5,944,555	5,864,223	5,864,223
4	CWIP		2,760,674	2,878,262	3,031,600	4,223,242	4,709,606	6,150,731	6,342,963	(291,803)	(291,803)	(291,803)	(291,803)	(291,803)	(291,803)
5	ADIT Pro-Rates														
6	Accumulated Deferred Income Taxes Fedederal & State		0	0	0	0	0	0	0	(224,613)	(421,109)	(617,606)	(814,103)	(1,010,599)	(1,010,599)
7	Ending Rate Base		2,760,674	2,878,262	3,031,600	4,223,242	4,709,606	6,150,731	6,342,963	5,669,135	5,392,306	5,115,478	4,838,649	4,561,821	4,561,821
8															
9	Average Rate Base		373,755	373,755	373,755	373,755	373,755	373,755	373,755	373,755	373,755	373,755	373,755	373,755	4,485,057
10															
11	Return on Rate Base		28,022	28,022	28,022	28,022	28,022	28,022	28,022	28,022	28,022	28,022	28,022	28,022	336,270
12															
13	Available for Return (equity portion of rate base)		18,712	18,712	18,712	18,712	18,712	18,712	18,712	18,712	18,712	18,712	18,712	18,712	224,545
14															
15	*EXPENSES*														
16	*O&M and Depreciation*														
17	Operating Costs		0	0	0	0	0	0	0	0	0	0	0	0	0
18	Property Tax		0	0	0	0	0	0	0	0	0	0	0	0	0
19	Book Depreciation		0	0	0	0	0	0	0	0	80,332	80,332	80,332	80,332	321,327
20	Total O&M and Depreciation Expense		0	0	0	0	0	0	0	0	80,332	80,332	80,332	80,332	321,327
21															
22	Income before Taxes														
23	Available for Return (from above)		18,712	18,712	18,712	18,712	18,712	18,712	18,712	18,712	18,712	18,712	18,712	18,712	224,545
24	Taxable Income (grossed up)	1.5385	28,788	28,788	28,788	28,788	28,788	28,788	28,788	28,788	28,788	28,788	28,788	28,788	345,455
25															
26	Income Taxes														
27	Current and Def Income Taxes	35.00%	10,076	10,076	10,076	10,076	10,076	10,076	10,076	10,076	10,076	10,076	10,076	10,076	120,909
28	Total Income Tax Expense		10,076	10,076	10,076	10,076	10,076	10,076	10,076	10,076	10,076	10,076	10,076	10,076	120,909
29															
30															
31	*REVENUE REQUIREMENTS*														
32	Expenses		10,076	10,076	10,076	10,076	10,076	10,076	10,076	10,076	90,407	90,407	90,407	90,407	442,236
33	Return on Rate Base		28,022	28,022	28,022	28,022	28,022	28,022	28,022	28,022	28,022	28,022	28,022	28,022	336,270
34	Subtotal Revenue Requirements		38,098	38,098	38,098	38,098	38,098	38,098	38,098	38,098	118,430	118,430	118,430	118,430	778,506
35	Adjustments														
36	Total Revenue Requirements		38,098	38,098	38,098	38,098	38,098	38,098	38,098	38,098	118,430	118,430	118,430	118,430	778,506
37															
38	Base Demand Factor	75.29%	28,684	28,684	28,684	28,684	28,684	28,684	28,684	28,684	89,166	89,166	89,166	89,166	586,137
39	Peak Demand Factor	24.71%	9,414	9,414	9,414	9,414	9,414	9,414	9,414	9,414	29,264	29,264	29,264	29,264	192,369
40															
41	South Dakota share - E1 factor	9.9710%	2,860	2,860	2,860	2,860	2,860	2,860	2,860	2,860	8,891	8,891	8,891	8,891	58,444
42	South Dakota share - D1 factor	9.9001%	932	932	932	932	932	932	932	932	2,897	2,897	2,897	2,897	19,045
43															
44	South Dakota Revenue Requirements		3,792	3,792	3,792	3,792	3,792	3,792	3,792	3,792	11,788	11,788	11,788	11,788	77,489

PUBLIC - TRADE SECRET DATA HAS BEEN EXCISED

Otter Tail Power Company
Hoot Lake Plant MATS 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%		7.50%	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	80,332	80,332	80,332	80,332	321,327
22	Tax depreciation-Federal		0	0	0	0	0	0	0	641,751	641,751	641,751	641,751	641,751	3,208,754
23	Tax depreciation-State		0	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	(224,613)	(196,497)	(196,497)	(196,497)	(196,497)	(1,010,599)
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
Hoot Lake Plant MATS 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 Projected Total
	RATE BASE														
1	Plant Balance		6,185,550	6,185,550	6,185,550	6,185,550	6,185,550	6,185,550	6,185,550	6,462,990	6,754,729	6,754,729	6,754,729	6,754,729	6,754,729
2	Accumulated Depreciation		(401,659)	(481,990)	(562,322)	(642,654)	(722,986)	(803,317)	(883,649)	(963,981)	(1,047,916)	(1,135,639)	(1,223,363)	(1,311,087)	(1,311,087)
3	Net Plant in Service		5,783,891	5,703,560	5,623,228	5,542,896	5,462,564	5,382,233	5,301,901	5,499,009	5,706,813	5,619,090	5,531,366	5,443,642	5,443,642
4	CWIP		(290,755)	(176,973)	(104,584)	648,492	665,970	633,241	633,849	(0)	(0)	(0)	(0)	(0)	0
5	ADIT Pro-Rates														
6	Accumulated Deferred Income Taxes Fedederal & State		(997,608)	(984,617)	(971,625)	(958,634)	(945,642)	(932,651)	(919,659)	(906,668)	(892,415)	(876,837)	(861,258)	(845,680)	(845,680)
7	Ending Rate Base		4,495,528	4,541,970	4,547,019	5,232,754	5,182,892	5,082,823	5,016,090	4,592,341	4,814,398	4,742,253	4,670,108	4,597,963	4,597,963
8															
9	Average Rate Base		397,936	397,936	397,936	397,936	397,936	397,936	397,936	397,936	397,936	397,936	397,936	397,936	4,775,228
10															
11	Return on Rate Base		29,502	29,502	29,502	29,502	29,502	29,502	29,502	29,502	29,502	29,502	29,502	29,502	354,028
12															
13	Available for Return (equity portion of rate base)		18,443	18,443	18,443	18,443	18,443	18,443	18,443	18,443	18,443	18,443	18,443	18,443	221,316
14															
15	*EXPENSES*														
16	*O&M and Depreciation*														
17	Operating Costs		0	0	0	0	0	0	0	0	0	0	0	0	0
18	Property Tax		9,686	9,686	9,686	9,686	9,686	9,686	9,686	9,686	9,686	9,686	9,686	9,686	116,226
19	Book Depreciation		80,332	80,332	80,332	80,332	80,332	80,332	80,332	80,332	83,935	87,724	87,724	87,724	989,760
20	Total O&M and Depreciation Expense		90,017	90,017	90,017	90,017	90,017	90,017	90,017	90,017	93,620	97,409	97,409	97,409	1,105,986
21															
22	Income before Taxes														
23	Available for Return (from above)		18,443	18,443	18,443	18,443	18,443	18,443	18,443	18,443	18,443	18,443	18,443	18,443	221,316
24	Taxable Income (grossed up)	1.5385	28,374	28,374	28,374	28,374	28,374	28,374	28,374	28,374	28,374	28,374	28,374	28,374	340,487
25															
26	Income Taxes														
27	Current and Def Income Taxes	35.00%	9,931	9,931	9,931	9,931	9,931	9,931	9,931	9,931	9,931	9,931	9,931	9,931	119,170
28	Total Income Tax Expense		9,931	9,931	9,931	9,931	9,931	9,931	9,931	9,931	9,931	9,931	9,931	9,931	119,170
29															
30															
31	*REVENUE REQUIREMENTS*														
32	Expenses		99,948	99,948	99,948	99,948	99,948	99,948	99,948	99,948	103,551	107,340	107,340	107,340	1,225,157
33	Return on Rate Base		29,502	29,502	29,502	29,502	29,502	29,502	29,502	29,502	29,502	29,502	29,502	29,502	354,028
34	Subtotal Revenue Requirements		129,450	129,450	129,450	129,450	129,450	129,450	129,450	129,450	133,054	136,842	136,842	136,842	1,579,185
35	Adjustments														
36	Total Revenue Requirements		129,450	129,450	129,450	129,450	129,450	129,450	129,450	129,450	133,054	136,842	136,842	136,842	1,579,185
37															
38	Base Demand Factor	75.29%	97,463	97,463	97,463	97,463	97,463	97,463	97,463	97,463	100,176	103,029	103,029	103,029	1,188,968
39	Peak Demand Factor	24.71%	31,987	31,987	31,987	31,987	31,987	31,987	31,987	31,987	32,878	33,814	33,814	33,814	390,217
40															
41	South Dakota share - E1 factor	9.9710%	9,718	9,718	9,718	9,718	9,718	9,718	9,718	9,718	9,989	10,273	10,273	10,273	118,553
42	South Dakota share - D1 factor	9.9001%	3,167	3,167	3,167	3,167	3,167	3,167	3,167	3,167	3,255	3,348	3,348	3,348	38,632
43															
44	South Dakota Revenue Requirements		12,885	12,885	12,885	12,885	12,885	12,885	12,885	12,885	13,244	13,621	13,621	13,621	157,184

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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%		7.41%	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		80,332	80,332	80,332	80,332	80,332	80,332	80,332	80,332	83,935	87,724	87,724	87,724	989,760
22	Tax depreciation-Federal		43,213	43,213	43,213	43,213	43,213	43,213	43,213	43,213	43,213	43,213	43,213	43,213	518,560
23	Tax depreciation-State		0	0	0	0	0	0	0	0	0	0	0	0	0
24	Federal deferred income taxes	35.00%	12,991	12,991	12,991	12,991	12,991	12,991	12,991	12,991	14,253	15,579	15,579	15,579	164,920
25	State deferred income taxes		0	0	0	0	0	0	0	0	0	0	0	0	0

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Hoot Lake Plant MATS 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		6,754,729	6,754,729	6,754,729	6,754,729	6,754,729	6,754,729	6,754,729	6,754,729	6,754,729	6,754,729	6,754,729	6,754,729	6,754,729
2	Accumulated Depreciation		(1,398,810)	(1,486,534)	(1,574,258)	(1,661,981)	(1,749,705)	(1,837,429)	(1,925,152)	(2,012,876)	(2,100,600)	(2,188,323)	(2,276,047)	(2,363,771)	(2,363,771)
3	Net Plant in Service		5,355,919	5,268,195	5,180,471	5,092,748	5,005,024	4,917,300	4,829,577	4,741,853	4,654,129	4,566,406	4,478,682	4,390,958	4,390,958
4	CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
5	ADIT Pro-Rates		1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.336986	0.254795	0.169863	0.087671	0.002740	
6	Accumulated Deferred Income Taxes Fedederal & State		(821,601)	(797,523)	(773,445)	(749,367)	(725,288)	(701,210)	(677,132)	(669,018)	(662,883)	(658,793)	(656,682)	(656,616)	(656,616)
7	Ending Rate Base		4,534,317	4,470,672	4,407,026	4,343,381	4,279,736	4,216,090	4,152,445	4,072,835	3,991,246	3,907,613	3,822,000	3,734,342	3,734,342
8															
9	Average Rate Base		349,549	349,549	349,549	349,549	349,549	349,549	349,549	349,549	349,549	349,549	349,549	349,549	4,194,590
10															
11	Return on Rate Base		26,356	26,356	26,356	26,356	26,356	26,356	26,356	26,356	26,356	26,356	26,356	26,356	316,268
12															
13	Available for Return (equity portion of rate base)		17,143	17,143	17,143	17,143	17,143	17,143	17,143	17,143	17,143	17,143	17,143	17,143	205,715
14															
15	*EXPENSES*														
16	*O&M and Depreciation*														
17	Operating Costs		0	0	0	0	0	0	0	0	0	0	0	0	0
18	Property Tax		10,577	10,577	10,577	10,577	10,577	10,577	10,577	10,577	10,577	10,577	10,577	10,577	126,921
19	Book Depreciation		87,724	87,724	87,724	87,724	87,724	87,724	87,724	87,724	87,724	87,724	87,724	87,724	1,052,684
20	Total O&M and Depreciation Expense		98,300	98,300	98,300	98,300	98,300	98,300	98,300	98,300	98,300	98,300	98,300	98,300	1,179,605
21															
22	Income before Taxes														
23	Available for Return (from above)		17,143	17,143	17,143	17,143	17,143	17,143	17,143	17,143	17,143	17,143	17,143	17,143	205,715
24	Taxable Income (grossed up)	1.5385	26,374	26,374	26,374	26,374	26,374	26,374	26,374	26,374	26,374	26,374	26,374	26,374	316,484
25															
26	Income Taxes														
27	Current and Def Income Taxes	35.00%	9,231	9,231	9,231	9,231	9,231	9,231	9,231	9,231	9,231	9,231	9,231	9,231	110,769
28	Total Income Tax Expense		9,231	9,231	9,231	9,231	9,231	9,231	9,231	9,231	9,231	9,231	9,231	9,231	110,769
29															
30															
31	*REVENUE REQUIREMENTS*														
32	Expenses		107,531	107,531	107,531	107,531	107,531	107,531	107,531	107,531	107,531	107,531	107,531	107,531	1,290,375
33	Return on Rate Base		26,356	26,356	26,356	26,356	26,356	26,356	26,356	26,356	26,356	26,356	26,356	26,356	316,268
34	Subtotal Revenue Requirements		133,887	133,887	133,887	133,887	133,887	133,887	133,887	133,887	133,887	133,887	133,887	133,887	1,606,643
35	Adjustments														
36	Total Revenue Requirements		133,887	133,887	133,887	133,887	133,887	133,887	133,887	133,887	133,887	133,887	133,887	133,887	1,606,643
37															
38	Base Demand Factor	75.29%	100,803	100,803	100,803	100,803	100,803	100,803	100,803	100,803	100,803	100,803	100,803	100,803	1,209,641
39	Peak Demand Factor	24.71%	33,083	33,083	33,083	33,083	33,083	33,083	33,083	33,083	33,083	33,083	33,083	33,083	397,001
40															
41	South Dakota share - E1 factor	9.9710%	10,051	10,051	10,051	10,051	10,051	10,051	10,051	10,051	10,051	10,051	10,051	10,051	120,614
42	South Dakota share - D1 factor	9.9001%	3,275	3,275	3,275	3,275	3,275	3,275	3,275	3,275	3,275	3,275	3,275	3,275	39,304
43															
44	South Dakota Revenue Requirements		13,326	13,326	13,326	13,326	13,326	13,326	13,326	13,326	13,326	13,326	13,326	13,326	159,918

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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		87,724	87,724	87,724	87,724	87,724	87,724	87,724	87,724	87,724	87,724	87,724	87,724	1,052,684
22	Tax depreciation-Federal		18,929	18,929	18,929	18,929	18,929	18,929	18,929	18,929	18,929	18,929	18,929	18,929	227,145
23	Tax depreciation-State		0	0	0	0	0	0	0	0	0	0	0	0	0
24	Federal deferred income taxes	35.00%	24,078	24,078	24,078	24,078	24,078	24,078	24,078	24,078	24,078	24,078	24,078	24,078	288,939
25	State deferred income taxes		0	0	0	0	0	0	0	0	0	0	0	0	0

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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		6,754,729	6,754,729	6,754,729	6,754,729	6,754,729	6,754,729	6,754,729	6,754,729	6,754,729	6,754,729	6,754,729	6,754,729	6,754,729
2	Accumulated Depreciation		(2,451,494)	(2,539,218)	(2,626,942)	(2,714,665)	(2,802,389)	(2,890,113)	(2,977,836)	(3,065,560)	(3,153,284)	(3,241,007)	(3,328,731)	(3,416,455)	(3,416,455)
3	Net Plant in Service		4,303,235	4,215,511	4,127,787	4,040,064	3,952,340	3,864,616	3,776,893	3,689,169	3,601,445	3,513,722	3,425,998	3,338,274	3,338,274
4	CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
5	ADIT Pro-Rates		0.917808	0.841096	0.756164	0.673973	0.589041	0.506849	0.421918	0.336986	0.254795	0.169863	0.087671	0.002740	
6	Accumulated Deferred Income Taxes Fedederal & State		(632,042)	(607,468)	(582,894)	(558,320)	(533,746)	(509,172)	(484,597)	(460,023)	(435,449)	(410,875)	(386,301)	(361,727)	(361,727)
7	Ending Rate Base		3,671,193	3,608,043	3,544,894	3,481,744	3,418,594	3,355,445	3,292,295	3,229,146	3,165,996	3,102,846	3,039,697	2,976,547	2,976,547
8															
9	Average Rate Base		279,620	279,620	279,620	279,620	279,620	279,620	279,620	279,620	279,620	279,620	279,620	279,620	3,355,445
10															
11	Return on Rate Base		21,083	21,083	21,083	21,083	21,083	21,083	21,083	21,083	21,083	21,083	21,083	21,083	252,997
12															
13	Available for Return (equity portion of rate base)		13,713	13,713	13,713	13,713	13,713	13,713	13,713	13,713	13,713	13,713	13,713	13,713	164,561
14															
15	*EXPENSES*														
16	*O&M and Depreciation*														
17	Operating Costs		0	0	0	0	0	0	0	0	0	0	0	0	0
18	Property Tax		10,577	10,577	10,577	10,577	10,577	10,577	10,577	10,577	10,577	10,577	10,577	10,577	126,921
19	Book Depreciation		87,724	87,724	87,724	87,724	87,724	87,724	87,724	87,724	87,724	87,724	87,724	87,724	1,052,684
20	Total O&M and Depreciation Expense		98,300	98,300	98,300	98,300	98,300	98,300	98,300	98,300	98,300	98,300	98,300	98,300	1,179,605
21															
22	Income before Taxes														
23	Available for Return (from above)		13,713	13,713	13,713	13,713	13,713	13,713	13,713	13,713	13,713	13,713	13,713	13,713	164,561
24	Taxable Income (grossed up)	1.5385	21,098	21,098	21,098	21,098	21,098	21,098	21,098	21,098	21,098	21,098	21,098	21,098	253,170
25															
26	Income Taxes														
27	Current and Def Income Taxes	35.00%	7,384	7,384	7,384	7,384	7,384	7,384	7,384	7,384	7,384	7,384	7,384	7,384	88,610
28	Total Income Tax Expense		7,384	7,384	7,384	7,384	7,384	7,384	7,384	7,384	7,384	7,384	7,384	7,384	88,610
29															
30															
31	*REVENUE REQUIREMENTS*														
32	Expenses		105,685	105,685	105,685	105,685	105,685	105,685	105,685	105,685	105,685	105,685	105,685	105,685	1,268,215
33	Return on Rate Base		21,083	21,083	21,083	21,083	21,083	21,083	21,083	21,083	21,083	21,083	21,083	21,083	252,997
34	Subtotal Revenue Requirements		126,768	126,768	126,768	126,768	126,768	126,768	126,768	126,768	126,768	126,768	126,768	126,768	1,521,212
35	Adjustments														
36	Total Revenue Requirements		126,768	126,768	126,768	126,768	126,768	126,768	126,768	126,768	126,768	126,768	126,768	126,768	1,521,212
37															
38	Base Demand Factor	75.29%	95,443	95,443	95,443	95,443	95,443	95,443	95,443	95,443	95,443	95,443	95,443	95,443	1,145,321
39	Peak Demand Factor	24.71%	31,324	31,324	31,324	31,324	31,324	31,324	31,324	31,324	31,324	31,324	31,324	31,324	375,892
40															
41	South Dakota share - E1 factor	9.9710%	9,517	9,517	9,517	9,517	9,517	9,517	9,517	9,517	9,517	9,517	9,517	9,517	114,200
42	South Dakota share - D1 factor	9.9001%	3,101	3,101	3,101	3,101	3,101	3,101	3,101	3,101	3,101	3,101	3,101	3,101	37,214
43															
44	South Dakota Revenue Requirements		12,618	12,618	12,618	12,618	12,618	12,618	12,618	12,618	12,618	12,618	12,618	12,618	151,414

PUBLIC - TRADE SECRET DATA HAS BEEN EXCISED

Otter Tail Power Company
Hoot Lake Plant MATS 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		MN share - E1 factor		9.9710%											
18		MN share - D1 factor		9.9001%											
19															
20	**Deferred Tax**														
21	Book depreciation		87,724	87,724	87,724	87,724	87,724	87,724	87,724	87,724	87,724	87,724	87,724	87,724	1,052,684
22	Tax depreciation-Federal		17,512	17,512	17,512	17,512	17,512	17,512	17,512	17,512	17,512	17,512	17,512	17,512	210,144
23	Tax depreciation-State		0	0	0	0	0	0	0	0	0	0	0	0	0
24	Federal deferred income taxes	35.00%	24,574	24,574	24,574	24,574	24,574	24,574	24,574	24,574	24,574	24,574	24,574	24,574	294,889
25	State deferred income taxes		0	0	0	0	0	0	0	0	0	0	0	0	0