

PUBLIC DOCUMENT - NOT PUBLIC DATA HAS BEEN EXCISED

Otter Tail Power Company
 South Dakota Transmission Cost Recovery Rider
 Bemidji-Grand Rapids Revenue Requirements
 Docket No. EL15-405

Attachment 6
 Page 1 of 2

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														
Plant Balance														
Transmission Plant - Land and Land Rights (350)														
Transmission Plant - Poles & Fixtures (355)														
Transmission Plant - Overhead Conductors & Devices (356)														
1	Aug-12	1,071,327	1,071,327	1,071,327	1,071,327	1,071,327	1,071,327	1,071,327	1,071,327	1,071,327	1,071,327	1,071,327	1,071,327	1,071,327
2		11,853,187	11,853,187	11,853,187	11,853,187	11,853,187	11,853,187	11,853,187	11,853,187	11,853,187	11,853,187	11,853,187	11,853,187	11,853,187
3		3,406,688	3,406,688	3,406,688	3,406,688	3,406,688	3,406,688	3,406,688	3,406,688	3,406,688	3,406,688	3,406,688	3,406,688	3,406,688
1		16,331,202	16,331,202	16,331,202	16,331,202	16,331,202	16,331,202	16,331,202	16,331,202	16,331,202	16,331,202	16,331,202	16,331,202	16,331,202
2		(787,838)	(811,865)	(835,892)	(859,919)	(883,945)	(907,972)	(931,999)	(956,025)	(980,052)	(1,004,079)	(1,004,079)	(1,028,105)	(1,052,132)
3		15,543,364	15,519,337	15,495,310	15,471,283	15,447,257	15,423,230	15,399,203	15,375,177	15,351,150	15,327,123	15,327,123	15,303,097	15,279,070
CWIP Calculation:														
Beginning Balance														
Additional CWIP														
Closings from CWIP														
AFUDC														
4		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
5	103487	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
6		(3,279,795)	(3,289,853)	(3,299,910)	(3,309,967)	(3,320,024)	(3,330,111)	(3,340,198)	(3,350,285)	(3,360,372)	(3,370,459)	(3,370,459)	(3,378,519)	(3,386,579)
7		12,263,567	12,229,474	12,195,380	12,161,286	12,127,193	12,093,099	12,059,005	12,024,911	11,990,818	11,956,724	11,956,724	11,924,477	11,892,231
8		13,344%	13,344%	13,344%	13,344%	13,344%	13,344%	13,344%	13,344%	13,344%	13,344%	13,344%	12,463%	12,463%
9		(10,627,117)	(10,597,573)	(10,568,029)	(10,538,484)	(10,508,940)	(10,479,396)	(10,449,852)	(10,420,307)	(10,390,763)	(10,361,219)	(10,361,219)	(10,438,330)	(10,410,102)
10		1,636,450	1,631,901	1,627,352	1,622,802	1,618,253	1,613,703	1,609,154	1,604,604	1,600,055	1,595,505	1,595,505	1,486,148	1,482,129
11		135,061	135,061	135,061	135,061	135,061	135,061	135,061	135,061	135,061	135,061	1,620,738	122,846	122,846
12		9,865	9,865	9,865	9,865	9,865	9,865	9,865	9,865	9,865	9,865	118,377	9,240	9,240
13		6,259	6,259	6,259	6,259	6,259	6,259	6,259	6,259	6,259	6,259	75,109	5,968	5,968
14		9,865	9,865	9,865	9,865	9,865	9,865	9,865	9,865	9,865	9,865	118,377	9,240	9,240
15		6,259	6,259	6,259	6,259	6,259	6,259	6,259	6,259	6,259	6,259	75,109	5,968	5,968
16		6,259	6,259	6,259	6,259	6,259	6,259	6,259	6,259	6,259	6,259	75,109	5,968	5,968
17		6,259	6,259	6,259	6,259	6,259	6,259	6,259	6,259	6,259	6,259	75,109	5,968	5,968
18		6,259	6,259	6,259	6,259	6,259	6,259	6,259	6,259	6,259	6,259	75,109	5,968	5,968
EXPENSES														
O&M and Depreciation														
Operating Costs														
Property Tax														
Book Depreciation														
Total O&M and Depreciation Expenses														
19		16	0	0	18,750	0	0	18,750	0	0	18,750	56,266	0	0
20		27,219	25,779	27,219	27,219	27,219	27,219	27,219	27,219	27,219	27,219	325,184	27,219	27,219
21		24,027	24,027	24,027	24,027	24,027	24,027	24,027	24,027	24,027	24,027	288,320	24,027	24,027
22		51,262	49,806	51,245	69,995	51,245	51,245	69,995	51,245	51,245	69,995	669,771	51,245	51,245
23		13,344%	13,344%	13,344%	13,344%	13,344%	13,344%	13,344%	13,344%	13,344%	13,344%	13,344%	12,463%	12,463%
24		(44,421)	(43,180)	(44,407)	(60,655)	(44,407)	(44,407)	(60,655)	(44,407)	(44,407)	(60,655)	(590,387)	(44,859)	(44,859)
25		6,840	6,646	6,838	9,340	6,838	6,838	9,340	6,838	6,838	9,340	69,374	6,387	6,387
26		6,840	6,646	6,838	9,340	6,838	6,838	9,340	6,838	6,838	9,340	69,374	6,387	6,387
27		6,840	6,646	6,838	9,340	6,838	6,838	9,340	6,838	6,838	9,340	69,374	6,387	6,387
28		6,840	6,646	6,838	9,340	6,838	6,838	9,340	6,838	6,838	9,340	69,374	6,387	6,387
29		6,259	6,259	6,259	6,259	6,259	6,259	6,259	6,259	6,259	6,259	75,109	5,968	5,968
30		6,259	6,259	6,259	6,259	6,259	6,259	6,259	6,259	6,259	6,259	75,109	5,968	5,968
31	1,53846	9,629	9,629	9,629	9,629	9,629	9,629	9,629	9,629	9,629	9,629	115,552	9,182	9,182
32		9,629	9,629	9,629	9,629	9,629	9,629	9,629	9,629	9,629	9,629	115,552	9,182	9,182
33		3,370	3,370	3,370	3,370	3,370	3,370	3,370	3,370	3,370	3,370	40,443	3,214	3,214
34	35.00%	3,370	3,370	3,370	3,370	3,370	3,370	3,370	3,370	3,370	3,370	40,443	3,214	3,214
35		3,370	3,370	3,370	3,370	3,370	3,370	3,370	3,370	3,370	3,370	40,443	3,214	3,214
36		3,370	3,370	3,370	3,370	3,370	3,370	3,370	3,370	3,370	3,370	40,443	3,214	3,214
37		3,370	3,370	3,370	3,370	3,370	3,370	3,370	3,370	3,370	3,370	40,443	3,214	3,214
REVENUE REQUIREMENTS														
Expenses														
Return on rate base														
Subtotal revenue requirements														
Adjustments														
Transmission Revenue														
Total revenue requirements														
38		20,075	19,881	20,073	22,575	20,073	20,073	22,575	20,073	20,073	22,575	248,195	18,840	18,840
39		20,075	19,881	20,073	22,575	20,073	20,073	22,575	20,073	20,073	22,575	248,195	18,840	18,840
40		20,075	19,881	20,073	22,575	20,073	20,073	22,575	20,073	20,073	22,575	248,195	18,840	18,840
41		20,075	19,881	20,073	22,575	20,073	20,073	22,575	20,073	20,073	22,575	248,195	18,840	18,840
42		20,075	19,881	20,073	22,575	20,073	20,073	22,575	20,073	20,073	22,575	248,195	18,840	18,840
43		0	0	0	0	0	0	0	0	0	0	0	0	0
44		0	0	0	0	0	0	0	0	0	0	0	0	0
45		0	0	0	0	0	0	0	0	0	0	0	0	0
46	9.8157%	1,971	1,951	1,970	2,216	1,970	1,970	2,216	1,970	1,970	2,216	24,362	1,849	1,849
47		1,971	1,951	1,970	2,216	1,970	1,970	2,216	1,970	1,970	2,216	24,362	1,849	1,849
48	0.14%	3	3	3	3	3	3	3	3	3	3	34	3	3
49		1,973	1,954	1,973	2,219	1,973	1,973	2,219	1,973	1,973	2,219	24,396	1,852	1,852
Defered Tax														
Book depreciation														
Transmission Plant - Land and Land Rights (350)														
Transmission Plant - Poles & Fixtures (355)														
Transmission Plant - Overhead Conductors & Devices (356)														
19		0	0	0	0	0	0	0	0	0	0	0	0	0
20		0	0	0	0	0	0	0	0	0	0	0	0	0
21		19,211	19,211	19,211	19,211	19,211	19,211	19,211	19,211	19,211	19,211	230,533	19,211	19,211
22		4,816	4,816	4,816	4,816	4,816	4,816	4,816	4,816	4,816	4,816	57,788	4,816	4,816
23		4,816	4,816	4,816	4,816	4,816	4,816	4,816	4,816	4,816	4,816	57,788	4,816	4,816
19		24,027	24,027	24,027	24,027	24,027	24,027	24,027	24,027	24,027	24,027	288,320	24,027	24,027
20		52,790	52,790	52,790	52,790	52,790	52,790	52,790	52,790	52,790	52,790	633,475	47,512	47,512
21		52,790	52,790	52,790	52,790	52,790	52,790	52,790	52,790	52,790	52,790	633,475	47,512	47,512
22	35.00%	(10,067)	(10,067)	(10,067)	(10,067)	(10,067)	(10,067)	(10,067)	(10,067)	(10,067)	(10,067)	(120,804)	(8,220)	(8,220)
23	0.00%	0	0	0	0	0	0	0	0	0	0	0	0	0

Line No.	SUPPORTING INFORMATION / DATA														
1	SD Cap Structure with allowed ROE per order														
2	[TRADE SECRET DATA BEGINS...]														
3	Capital Structure	Ratio	Cost	WA Cost	Property tax										
4	Debt				2015 composite rate										
5	Preferred equity				2.00%										
6	Common equity				...										
7	Total	100.00%		7.30%	Overall Return										
8	...TRADE SECRET DATA ENDS]														
9	Project life (years)	Book	Tax	15-year MACRS											
10		50													
11				Fed Portion	State Portion	SD Gross	Receipts Tax								
12				35.00%	35.00%	0.00%	0.14%								
13				1,53846											
14				0.00%											
15															

PUBLIC DOCUMENT - NOT PUBLIC DATA HAS BEEN EXCISED

Otter Tail Power Company
 South Dakota Transmission Cost Recovery Rider
 Bemidji-Grand Rapids Revenue Requirements
 Docket No. EL15-045

Attachment 6
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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														
Plant Balance														
Transmission Plant - Land and Land Rights (350)														
Transmission Plant - Poles & Fixtures (355)														
Transmission Plant - Overhead Conductors & Devices (3)														
1	Aug-12	1,071,327	1,071,327	1,071,327	1,071,327	1,071,327	1,071,327	1,071,327	1,071,327	1,071,327	1,071,327	1,071,327	1,071,327	1,071,327
2		11,853,187	11,853,187	11,853,187	11,853,187	11,853,187	11,853,187	11,853,187	11,853,187	11,853,187	11,853,187	11,853,187	11,853,187	11,853,187
3		3,406,688	3,406,688	3,406,688	3,406,688	3,406,688	3,406,688	3,406,688	3,406,688	3,406,688	3,406,688	3,406,688	3,406,688	3,406,688
1		16,331,202	16,331,202	16,331,202	16,331,202	16,331,202	16,331,202	16,331,202	16,331,202	16,331,202	16,331,202	16,331,202	16,331,202	16,331,202
2		(1,076,159)	(1,100,185)	(1,124,212)	(1,148,239)	(1,172,266)	(1,196,292)	(1,220,319)	(1,244,346)	(1,268,372)	(1,292,399)	(1,292,399)	(1,316,426)	(1,340,452)
3		15,255,043	15,231,017	15,206,990	15,182,963	15,158,936	15,134,910	15,110,883	15,086,856	15,062,830	15,038,803	15,038,803	15,014,776	14,990,750
CWIP Calculation:														
Beginning Balance														
Additional CWIP														
Closings from CWIP														
AFUDC														
4		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
5	103487	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
6		(3,395,059)	(3,493,276)	(3,411,496)	(3,419,716)	(3,427,936)	(3,436,156)	(3,444,376)	(3,452,596)	(3,460,817)	(3,469,037)	(3,469,037)	(3,475,579)	(3,482,120)
7		11,859,984	11,827,738	11,795,491	11,763,245	11,730,998	11,698,752	11,666,505	11,634,259	11,602,012	11,569,765	11,569,765	11,539,197	11,508,629
8		12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%
9		(10,381,875)	(10,353,847)	(10,325,819)	(10,297,792)	(10,269,764)	(10,241,736)	(10,213,709)	(10,185,681)	(10,157,653)	(10,129,626)	(10,129,626)	(10,101,607)	(10,073,590)
10		1,478,110	1,474,091	1,470,072	1,466,053	1,462,034	1,458,015	1,453,997	1,449,978	1,445,959	1,441,940	1,441,940	1,438,130	1,434,320
11		122,846	122,846	122,846	122,846	122,846	122,846	122,846	122,846	122,846	122,846	1,474,156	118,257	118,257
12		9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	110,882	8,895	8,895
13		5,968	5,968	5,968	5,968	5,968	5,968	5,968	5,968	5,968	5,968	71,616	5,745	5,745
14		12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%
15		(10,381,875)	(10,353,847)	(10,325,819)	(10,297,792)	(10,269,764)	(10,241,736)	(10,213,709)	(10,185,681)	(10,157,653)	(10,129,626)	(10,129,626)	(10,101,607)	(10,073,590)
16		1,478,110	1,474,091	1,470,072	1,466,053	1,462,034	1,458,015	1,453,997	1,449,978	1,445,959	1,441,940	1,441,940	1,438,130	1,434,320
17		122,846	122,846	122,846	122,846	122,846	122,846	122,846	122,846	122,846	122,846	1,474,156	118,257	118,257
18		9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	110,882	8,895	8,895
19		5,968	5,968	5,968	5,968	5,968	5,968	5,968	5,968	5,968	5,968	71,616	5,745	5,745
20		12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%
21		(10,381,875)	(10,353,847)	(10,325,819)	(10,297,792)	(10,269,764)	(10,241,736)	(10,213,709)	(10,185,681)	(10,157,653)	(10,129,626)	(10,129,626)	(10,101,607)	(10,073,590)
22		1,478,110	1,474,091	1,470,072	1,466,053	1,462,034	1,458,015	1,453,997	1,449,978	1,445,959	1,441,940	1,441,940	1,438,130	1,434,320
23		122,846	122,846	122,846	122,846	122,846	122,846	122,846	122,846	122,846	122,846	1,474,156	118,257	118,257
24		9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	110,882	8,895	8,895
25		5,968	5,968	5,968	5,968	5,968	5,968	5,968	5,968	5,968	5,968	71,616	5,745	5,745
26		12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%
27		(10,381,875)	(10,353,847)	(10,325,819)	(10,297,792)	(10,269,764)	(10,241,736)	(10,213,709)	(10,185,681)	(10,157,653)	(10,129,626)	(10,129,626)	(10,101,607)	(10,073,590)
28		1,478,110	1,474,091	1,470,072	1,466,053	1,462,034	1,458,015	1,453,997	1,449,978	1,445,959	1,441,940	1,441,940	1,438,130	1,434,320
29		122,846	122,846	122,846	122,846	122,846	122,846	122,846	122,846	122,846	122,846	1,474,156	118,257	118,257
30		9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	110,882	8,895	8,895
31		5,968	5,968	5,968	5,968	5,968	5,968	5,968	5,968	5,968	5,968	71,616	5,745	5,745
32		12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%
33		(10,381,875)	(10,353,847)	(10,325,819)	(10,297,792)	(10,269,764)	(10,241,736)	(10,213,709)	(10,185,681)	(10,157,653)	(10,129,626)	(10,129,626)	(10,101,607)	(10,073,590)
34		1,478,110	1,474,091	1,470,072	1,466,053	1,462,034	1,458,015	1,453,997	1,449,978	1,445,959	1,441,940	1,441,940	1,438,130	1,434,320
35		122,846	122,846	122,846	122,846	122,846	122,846	122,846	122,846	122,846	122,846	1,474,156	118,257	118,257
36		9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	110,882	8,895	8,895
37		5,968	5,968	5,968	5,968	5,968	5,968	5,968	5,968	5,968	5,968	71,616	5,745	5,745
38		12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%
39		(10,381,875)	(10,353,847)	(10,325,819)	(10,297,792)	(10,269,764)	(10,241,736)	(10,213,709)	(10,185,681)	(10,157,653)	(10,129,626)	(10,129,626)	(10,101,607)	(10,073,590)
40		1,478,110	1,474,091	1,470,072	1,466,053	1,462,034	1,458,015	1,453,997	1,449,978	1,445,959	1,441,940	1,441,940	1,438,130	1,434,320
41		122,846	122,846	122,846	122,846	122,846	122,846	122,846	122,846	122,846	122,846	1,474,156	118,257	118,257
42		9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	110,882	8,895	8,895
43		5,968	5,968	5,968	5,968	5,968	5,968	5,968	5,968	5,968	5,968	71,616	5,745	5,745
44		12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%
45		(10,381,875)	(10,353,847)	(10,325,819)	(10,297,792)	(10,269,764)	(10,241,736)	(10,213,709)	(10,185,681)	(10,157,653)	(10,129,626)	(10,129,626)	(10,101,607)	(10,073,590)
46		1,478,110	1,474,091	1,470,072	1,466,053	1,462,034	1,458,015	1,453,997	1,449,978	1,445,959	1,441,940	1,441,940	1,438,130	1,434,320
47		122,846	122,846	122,846	122,846	122,846	122,846	122,846	122,846	122,846	122,846	1,474,156	118,257	118,257
48		9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	110,882	8,895	8,895
49		5,968	5,968	5,968	5,968	5,968	5,968	5,968	5,968	5,968	5,968	71,616	5,745	5,745
50		12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%
51		(10,381,875)	(10,353,847)	(10,325,819)	(10,297,792)	(10,269,764)	(10,241,736)	(10,213,709)	(10,185,681)	(10,157,653)	(10,129,626)	(10,129,626)	(10,101,607)	(10,073,590)
52		1,478,110	1,474,091	1,470,072	1,466,053	1,462,034	1,458,015	1,453,997	1,449,978	1,445,959	1,441,940	1,441,940	1,438,130	1,434,320
53		122,846	122,846	122,846	122,846	122,846	122,846	122,846	122,846	122,846	122,846	1,474,156	118,257	118,257
54		9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	110,882	8,895	8,895
55		5,968	5,968	5,968	5,968	5,968	5,968	5,968	5,968	5,968	5,968	71,616	5,745	5,745
56		12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%	12,463%
57		(10,381,875)	(10,353,847)	(10,325,819)	(10,297,792)	(10,269,764)	(10,241,736)	(10,213,709)	(10,185,681)	(10,157,653)	(10,129,626)	(10,129,626)	(10,101,607)	(10,073,590)
58		1,478,110	1,474,091	1,470,072	1,466,053	1,462,034	1,458,015	1,453,997	1,449,978	1,445,959	1,441,940	1,441,940	1,438,130	1,434,320
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