Otter Tail Power Company
Transmission Rider - Revenue Requirements
Ramsey 230/115 kW Transformer Upgrade (Project #104766)
Docket No. EL12-

Line No.	*Year>>*		2011 Actual Total	2012 Actual January	2012 Actual February	2012 Actual March	2012 Actual April	2012 Actual May	2012 Actual June	2012 Actual July	2012 Projected August	2012 Projected September	2012 Projected October	2012 Projected November	2012 Projected December	2012 Projected Total
	RATE BASE															
1	Plant Balance		0	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	0
3	Net Plant in Service		0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP		0	20,154	20,154	20,154	20,154	20,154	20,154	20,154	461,354	461,354	461,354	461,354	461,354	461,354
5	Accumulated Deferred Income Taxes Fedederal & State		0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Ending rate base		0	20,154	20,154	20,154	20,154	20,154	20,154	20,154	461,354	461,354	461,354	461,354	461,354	461,354
7																
8	OTP Load Percentage		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
9	Remove Non-OTP Load Portion		0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Retail Ending Rate Base		0	20,154	20,154	20,154	20,154	20,154	20,154	20,154	461,354	461,354	461,354	461,354	461,354	461,354
11																
12	Average rate base			15,691	15,691	15,691	15,691	15,691	15,691	15,691	15,691	15,691	15,691	15,691	15,691	188,296
13																
14	Return on Rate Base			1,334	1,334	1,334	1,334	1,334	1,334	1,334	1,334	1,334	1,334	1,334	1,334	16,006
15																
16	Available for return (equity portion of rate base)			832	832	832	832	832	832	832	832	832	832	832	832	9,980
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			0	0	0	0	0	0	0	0	0	0	0	0	0
22	Book Depreciation			0	0	0	0	0	0	0	0	0	0	0	0	0
23	Total O&M and Depreciation Expense			0	0	0	0	0	0	0	0	0	0	0	0	0
24																
25	OTP Load Percentage		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
26	Remove Non-OTP Load Portion		0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Retail O&M and Depreciation Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0	0
28																
29	Income before Taxes															
30	Available for return (from above)			832	832	832	832	832	832	832	832	832	832	832	832	9,980
31	Taxable Income (grossed up)	1.5385		1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	1,279	15,353
32																
33	Income Taxes															
34	Current and Def Income Taxes	35.00%		448	448	448	448	448	448	448	448	448	448	448	448	5,374
35	Total Income Tax Expense			448	448	448	448	448	448	448	448	448	448	448	448	5,374
36																
37																
38	*REVENUE REQUIRMENTS*															
39	Expenses			448	448	448	448	448	448	448	448	448	448	448	448	5,374
40	Return on rate base			1,334	1,334	1,334	1,334	1,334	1,334	1,334	1,334	1,334	1,334	1,334	1,334	16,006
41	Subtotal revenue requirements			1,782	1,782	1,782	1,782	1,782	1,782	1,782	1,782	1,782	1,782	1,782	1,782	21,380
42	Adjustments			0	0	0	0	0	0	0	0	0	0	0	0	0
43	Transmission Revenue			(382)	(382)	(382)	(382)	(382)	(382)	(382)	(382)	(382)	(382)	(382)	(382)	(4,583)
44	Total revenue requirements			1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	16,797
45																
46	South Dakota share - D2 factor	9.82%		137	137	137	137	137	137	137	137	137	137	137	137	1,649
47																
48	Gross Receipts Tax (at 0.0015)	0.15%		0	0	0	0	0	0	0	0	0	0	0	0	2
49	Total South Dakota Share			138	138	138	138	138	138	138	138	138	138	138	138	1,651

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Line No.														
	SUPPORTING INFORMATION / DATA													
1														
2			SD Cap Structure with allowed ROE per order.											
3			Capital Structure		**Ratio**		**Cost**		**WA Cost**			**Property tax**		
4			Debt		47.00%		6.81%		3.20%			2012 composite rate	1.50%	
5			Preferred equity		0.00%		0.00%		0.00%					
6			Common equity		53.01%		10.00%		5.30%					
7			Total		100.00%				8.50%	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		21.44%									
16			SD share - D2 factor		9.8157%									
17														
18	**Deferred Tax**													
19	Book depreciation		0	0	0	0	0	0	0	0	0	0	0	0
20	Tax depreciation-Federal		0	0	0	0	0	0	0	0	0	0	0	0
21	Tax depreciation-ND		0	0	0	0	0	0	0	0	0	0	0	0
22	Federal deferred income taxes		0	0	0	0	0	0	0	0	0	0	0	0
23	State deferred income taxes		0	0	0	0	0	0	0	0	0	0	0	0
22														
23	Book Depreciation Rate													

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Line No.	*Year>>*		2013 Projected January	2013 Projected February	2013 Projected March	2013 Projected April	2013 Projected May	2013 Projected June	2013 Projected July	2013 Projected August	2013 Projected September	2013 Projected October	2013 Projected November	2013 Projected December	2013 Projected Total
	RATE BASE														
1	Plant Balance		0	0	0	0	0	0	461,354	461,354	608,421	608,421	608,421	608,421	608,421
2	Accumulated Depreciation		0	0	0	0	0	0	0	(756)	(1,512)	(2,510)	(3,507)	(4,504)	(4,504)
3	Net Plant in Service		0	0	0	0	0	0	461,354	460,598	606,909	605,912	604,914	603,917	603,917
4	CWIP		461,354	461,354	461,354	461,354	461,354	461,354	0	0	0	0	0	0	0
5	Accumulated Deferred Income Taxes Fedederal & State		0	0	0	0	0	0	(1,775)	(3,284)	(4,794)	(6,220)	(7,645)	(9,071)	(9,071)
6	Ending rate base		461,354	461,354	461,354	461,354	461,354	461,354	459,580	457,314	602,115	599,692	597,269	594,846	594,846
7															
8	OTP Load Percentage		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
9	Remove Non-OTP Load Portion		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Retail Ending Rate Base		461,354	461,354	461,354	461,354	461,354	461,354	459,580	457,314	602,115	599,692	597,269	594,846	594,846
11															
12	Average rate base		41,925	41,925	41,925	41,925	41,925	41,925	41,925	41,925	41,925	41,925	41,925	41,925	503,100
13															
14	Return on Rate Base		3,564	3,564	3,564	3,564	3,564	3,564	3,564	3,564	3,564	3,564	3,564	3,564	42,765
15															
16	Available for return (equity portion of rate base)		2,222	2,222	2,222	2,222	2,222	2,222	2,222	2,222	2,222	2,222	2,222	2,222	26,664
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		0	0	0	0	0	0	0	0	0	0	0	0	0
22	Book Depreciation		0	0	0	0	0	0	0	756	756	997	997	997	4,504
23	Total O&M and Depreciation Expense		0	0	0	0	0	0	0	756	756	997	997	997	4,504
24															
25	OTP Load Percentage		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
26	Remove Non-OTP Load Portion		0	0	0	0	0	0	0	0	0	0	0	0	0
27	Retail O&M and Depreciation Expenses		0	0	0	0	0	0	0	756	756	997	997	997	4,504
28															
29	Income before Taxes														
30	Available for return (from above)		2,222	2,222	2,222	2,222	2,222	2,222	2,222	2,222	2,222	2,222	2,222	2,222	26,664
31	Taxable Income (grossed up)	1.5385	3,418	3,418	3,418	3,418	3,418	3,418	3,418	3,418	3,418	3,418	3,418	3,418	41,022
32															
33	Income Taxes														
34	Current and Def Income Taxes	35.00%	1,196	1,196	1,196	1,196	1,196	1,196	1,196	1,196	1,196	1,196	1,196	1,196	14,358
35	Total Income Tax Expense		1,196	1,196	1,196	1,196	1,196	1,196	1,196	1,196	1,196	1,196	1,196	1,196	14,358
36															
37															
38	*REVENUE REQUIRMENTS*														
39	Expenses		1,196	1,196	1,196	1,196	1,196	1,196	1,196	1,953	1,953	2,194	2,194	2,194	18,862
40	Return on rate base		3,564	3,564	3,564	3,564	3,564	3,564	3,564	3,564	3,564	3,564	3,564	3,564	42,765
41	Subtotal revenue requirements		4,760	4,760	4,760	4,760	4,760	4,760	4,760	5,516	5,516	5,757	5,757	5,757	61,627
42	Adjustments		0	0	0	0	0	0	0	0	0	0	0	0	0
43	Transmission Revenue		(1,020)	(1,020)	(1,020)	(1,020)	(1,020)	(1,020)	(1,020)	(1,182)	(1,182)	(1,234)	(1,234)	(1,234)	(13,210)
44	Total revenue requirements		3,740	3,740	3,740	3,740	3,740	3,740	3,740	4,334	4,334	4,523	4,523	4,523	48,417
45															
46	South Dakota share - D2 factor	9.82%	367	367	367	367	367	367	367	425	425	444	444	444	4,752
47															
48	Gross Receipts Tax (at 0.0015)	0.15%	1	1	1	1	1	1	1	1	1	1	1	1	7
49	Total South Dakota Share		368	368	368	368	368	368	368	426	426	445	445	445	4,760

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3		Capital Structure		**Ratio**		**Cost**		**WA Cost**				**Property tax**		
4		Debt		47.00%		6.81%		3.20%				2013 composite rate	1.50%	
5		Preferred equity		0.00%		0.00%		0.00%						
6		Common equity		53.01%		10.00%		5.30%						
7		Total		100.00%				8.50%	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		21.44%										
16		SD share - D2 factor		9.8157%										
17														
18	**Deferred Tax**													
19	Book depreciation	0	0	0	0	0	0	0	756	756	997	997	997	4,504
20	Tax depreciation-Federal	0	0	0	0	0	0	5,070	5,070	5,070	5,070	5,070	5,070	30,421
21	Tax depreciation-ND	0	0	0	0	0	0	5,070	5,070	5,070	5,070	5,070	5,070	30,421
22	Federal deferred income taxes	0	0	0	0	0	0	(1,775)	(1,510)	(1,510)	(1,426)	(1,426)	(1,426)	(9,071)
23	State deferred income taxes	0	0	0	0	0	0	0	0	0	0	0	0	0
22														
23	Book Depreciation Rate													