Otter Tail Power Company
South Dakota Transmission Cost Recovery Rider
CAPX2020 Fargo-Monticello Revenue Requirements
Docket No. EL13-029

Includes only Fargo Phase I beginning January 2013; add other phases once in service for full year

Line No.	Year>>	2013 Actual January	2013 Actual February	2013 Actual March	2013 Actual April	2013 Actual May	2013 Actual June	2013 Actual July	2013 Actual August	2013 Actual September	2013 Actual October	2013 Actual November	2013 Actual December	2013 Actual Total
	RATE BASE													
1	Plant Balance	10,384,498	10,384,498	10,384,498	10,384,498	10,384,498	10,384,498	10,384,498	10,384,498	10,384,498	10,227,064	10,227,064	10,227,064	10,227,064
2	Accumulated Depreciation	(233,954)	(250,890)	(267,826)	(284,762)	(301,698)	(318,635)	(335,571)	(352,507)	(369,443)	(386,379)	(397,182)	(407,985)	(407,985)
3	Net Plant in Service	10,150,544	10,133,608	10,116,672	10,099,736	10,082,800	10,065,864	10,048,927	10,031,991	10,015,055	9,840,685	9,829,882	9,819,079	9,819,079
4	CWIP	57,629	(5,761)	(171,274)	(196,935)	(194,130)	172,669	(114,075)	(134,815)	(146,041)	0	23,537	(68,157)	0
5	Accumulated Deferred Income Taxes Fedederal & State	(2,543,207)	(2,537,194)	(2,531,180)	(2,525,167)	(2,519,153)	(2,513,140)	(2,507,126)	(2,501,113)	(2,495,099)	(2,489,086)	(2,485,219)	(2,481,352)	(2,481,352)
6	Ending rate base	7,664,966	7,590,654	7,414,218	7,377,634	7,369,516	7,725,393	7,427,726	7,396,064	7,373,915	7,351,600	7,368,200	7,269,570	7,337,727
7														
8	OTP Load Percentage	9.953%	9.953%	9.953%	9.953%	9.953%	9.953%	9.953%	9.953%	9.953%	9.953%	9.953%	9.953%	9.953%
9	Remove Non-OTP Load Portion	(6,902,072)	(6,835,156)	(6,676,281)	(6,643,338)	(6,636,028)	(6,956,485)	(6,688,445)	(6,659,934)	(6,639,990)	(6,619,895)	(6,634,843)	(6,546,030)	(6,607,403)
10	Retail Ending Rate Base	762,894	755,498	737,937	734,296	733,488	768,908	739,282	736,130	733,926	731,705	733,357	723,540	730,324
11														
12	Average rate base	61,854	61,854	61,854	61,854	61,854	61,854	61,854	61,854	61,854	61,854	61,854	61,854	742,247
13														
14	Return on Rate Base	4,688	4,688	4,688	4,688	4,688	4,688	4,688	4,688	4,688	4,688	4,688	4,688	56,258
15														
16	Available for return (equity portion of rate base)	2,974	2,974	2,974	2,974	2,974	2,974	2,974	2,974	2,974	2,974	2,974	2,974	35,690
17														
18	*EXPENSES*													
19	*O&M and Depreciation*													
20	Operating Costs	0	0	0	0	0	0	0	0	1,750	0	0	1,750	3,500
21	Property Tax	16,260	16,260	16,260	16,260	16,260	16,260	16,260	16,260	16,260	16,260	16,260	16,260	195,125
22	Book Depreciation	16,936	16,936	16,936	16,936	16,936	16,936	16,936	16,936	16,936	16,936	10,803	10,803	190,968
23	Total O&M and Depreciation Expenses	33,197	33,197	33,197	33,197	33,197	33,197	33,197	33,197	34,947	33,197	27,064	28,814	389,593
24														
25	OTP Load Percentage	9.953%	9.953%	9.953%	9.953%	9.953%	9.953%	9.953%	9.953%	9.953%	9.953%	9.953%	9.953%	9.953%
26	Remove Non-OTP Load Portion	(29,893)	(29,893)	(29,893)	(29,893)	(29,893)	(29,893)	(29,893)	(29,893)	(31,468)	(29,893)	(24,370)	(25,946)	(350,817)
27	Retail O&M and Depreciation Expenses	3,304	3,304	3,304	3,304	3,304	3,304	3,304	3,304	3,478	3,304	2,694	2,868	38,776
28														
29	Income before Taxes													
30	Available for return (from above)	2,974	2,974	2,974	2,974	2,974	2,974	2,974	2,974	2,974	2,974	2,974	2,974	35,690
31	Taxable Income (grossed up) 1.53846	4,576	4,576	4,576	4,576	4,576	4,576	4,576	4,576	4,576	4,576	4,576	4,576	54,907
32														
33	Income Taxes													
34	Current and Def Income Taxes 35.00%	1,601	1,601	1,601	1,601	1,601	1,601	1,601	1,601	1,601	1,601	1,601	1,601	19,218
35	Total Income Tax Expense	1,601	1,601	1,601	1,601	1,601	1,601	1,601	1,601	1,601	1,601	1,601	1,601	19,218
36														
37														
38	*REVENUE REQUIRMENTS*													
39	Expenses	4,906	4,906	4,906	4,906	4,906	4,906	4,906	4,906	5,080	4,906	4,295	4,469	57,994
40	Return on rate base	4,688	4,688	4,688	4,688	4,688	4,688	4,688	4,688	4,688	4,688	4,688	4,688	56,258
41	Subtotal revenue requirements	9,594	9,594	9,594	9,594	9,594	9,594	9,594	9,594	9,768	9,594	8,983	9,157	114,252
42	Adjustments													
43	Transmission Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Total revenue requirements	9,594	9,594	9,594	9,594	9,594	9,594	9,594	9,594	9,768	9,594	8,983	9,157	114,252
45														
46	South Dakota share - D2 factor 9.816%	942	942	942	942	942	942	942	942	959	942	882	899	11,215
47														
48	Gross Receipts Tax (at 0.0015) 0.15%	1	1	1	1	1	1	1	1	1	1	1	1	17
49	Total South Dakota Share	943	943	943	943	943	943	943	943	960	943	883	900	11,231

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Line No.															
	SUPPORTING INFORMATION / DATA														
1		**[TRADE SECRET DATA BEGINS…**													
2															
3															
4															
5															
6													**…TRADE SECRET DATA ENDS]**		
7		Total			100.00%			7.58%	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		0.00%										
16			SD share - D2 factor		9.8157%										
17															
18	**Deferred Tax**														
19	Book depreciation		16,936	16,936	16,936	16,936	16,936	16,936	16,936	16,936	16,936	16,936	10,803	10,803	190,968
20	Tax depreciation-Federal		(245)	(245)	(245)	(245)	(245)	(245)	(245)	(245)	(245)	(245)	(245)	(245)	(2,944)
21	Tax depreciation-SD		(245)	(245)	(245)	(245)	(245)	(245)	(245)	(245)	(245)	(245)	(245)	(245)	(2,944)
22	Federal deferred income taxes	35.00%	6,014	6,014	6,014	6,014	6,014	6,014	6,014	6,014	6,014	6,014	3,867	3,867	67,869
23	State deferred income taxes	0.00%	0	0	0	0	0	0	0	0	0	0	0	0	0

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Line No.	Year>>		2014 Projected January	2014 Projected February	2014 Projected March	2014 Projected April	2014 Projected May	2014 Projected June	2014 Projected July	2014 Projected August	2014 Projected September	2014 Projected October	2014 Projected November	2014 Projected December	2014 Projected Total
	RATE BASE														
1	Plant Balance		10,201,269	10,231,077	10,331,341	10,361,149	10,390,950	10,390,950	10,390,950	10,390,950	10,390,950	10,390,950	10,390,950	10,390,950	10,390,950
2	Accumulated Depreciation		(418,789)	(429,548)	(440,358)	(451,337)	(462,367)	(473,447)	(484,527)	(495,607)	(506,687)	(517,768)	(528,848)	(539,928)	(539,928)
3	Net Plant in Service		9,782,480	9,801,529	9,890,983	9,909,812	9,928,583	9,917,503	9,906,423	9,895,343	9,884,263	9,873,182	9,862,102	9,851,022	9,851,022
4	CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
5	Accumulated Deferred Income Taxes Fedederal & State		(2,479,445)	(2,477,553)	(2,475,644)	(2,473,675)	(2,471,689)	(2,469,685)	(2,467,682)	(2,465,678)	(2,463,674)	(2,461,670)	(2,459,667)	(2,457,663)	(2,457,663)
6	Ending rate base		7,303,036	7,323,976	7,415,339	7,436,137	7,456,894	7,447,818	7,438,741	7,429,665	7,420,589	7,411,513	7,402,436	7,393,360	7,393,360
7															
8	OTP Load Percentage		9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%
9	Remove Non-OTP Load Portion		(6,573,390)	(6,592,238)	(6,674,473)	(6,693,192)	(6,711,876)	(6,703,706)	(6,695,537)	(6,687,367)	(6,679,198)	(6,671,028)	(6,662,859)	(6,654,689)	(6,654,689)
10	Retail Ending Rate Base		729,646	731,738	740,867	742,944	745,018	744,111	743,205	742,298	741,391	740,484	739,577	738,671	738,671
11															
12	Average rate base		61,604	61,604	61,604	61,604	61,604	61,604	61,604	61,604	61,604	61,604	61,604	61,604	739,252
13															
14	Return on Rate Base		4,552	4,552	4,552	4,552	4,552	4,552	4,552	4,552	4,552	4,552	4,552	4,552	54,627
15															
16	Available for return (equity portion of rate base)		3,061	3,061	3,061	3,061	3,061	3,061	3,061	3,061	3,061	3,061	3,061	3,061	36,734
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		16,014	16,014	16,014	16,014	16,014	16,014	16,014	16,014	16,014	16,014	16,014	16,014	192,167
22	Book Depreciation		10,803	10,760	10,810	10,979	11,030	11,080	11,080	11,080	11,080	11,080	11,080	11,080	131,942
23	Total O&M and Depreciation Expenses		26,817	26,773	26,824	26,993	27,044	27,094	27,094	27,094	27,094	27,094	27,094	27,094	324,109
24															
25	OTP Load Percentage		9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%
26	Remove Non-OTP Load Portion		(24,138)	(24,098)	(24,144)	(24,296)	(24,342)	(24,387)	(24,387)	(24,387)	(24,387)	(24,387)	(24,387)	(24,387)	(291,727)
27	Retail O&M and Depreciation Expenses		2,679	2,675	2,680	2,697	2,702	2,707	2,707	2,707	2,707	2,707	2,707	2,707	32,382
28															
29	Income before Taxes														
30	Available for return (from above)		3,061	3,061	3,061	3,061	3,061	3,061	3,061	3,061	3,061	3,061	3,061	3,061	36,734
31	Taxable Income (grossed up)	1.53846	4,710	4,710	4,710	4,710	4,710	4,710	4,710	4,710	4,710	4,710	4,710	4,710	56,514
32															
33	Income Taxes														
34	Current and Def Income Taxes	35.00%	1,648	1,648	1,648	1,648	1,648	1,648	1,648	1,648	1,648	1,648	1,648	1,648	19,780
35	Total Income Tax Expense		1,648	1,648	1,648	1,648	1,648	1,648	1,648	1,648	1,648	1,648	1,648	1,648	19,780
36															
37															
38	*REVENUE REQUIRMENTS*														
39	Expenses		4,328	4,323	4,328	4,345	4,350	4,355	4,355	4,355	4,355	4,355	4,355	4,355	52,162
40	Return on rate base		4,552	4,552	4,552	4,552	4,552	4,552	4,552	4,552	4,552	4,552	4,552	4,552	54,627
41	Subtotal revenue requirements		8,880	8,876	8,881	8,898	8,903	8,908	8,908	8,908	8,908	8,908	8,908	8,908	106,789
42	Adjustments														
43	Transmission Revenue		0	0	0	0	0	0	0	0	0	0	0	0	0
44	Total revenue requirements		8,880	8,876	8,881	8,898	8,903	8,908	8,908	8,908	8,908	8,908	8,908	8,908	106,789
45															
46	South Dakota share - D2 factor	9.816%	872	871	872	873	874	874	874	874	874	874	874	874	10,482
47															
48	Gross Receipts Tax (at 0.0015)	0.15%	1	1	1	1	1	1	1	1	1	1	1	1	16
49	Total South Dakota Share		873	873	873	875	875	876	876	876	876	876	876	876	10,498

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1			**[TRADE SECRET DATA BEGINS…**												
2															
3															
4															
5															
6													**…TRADE SECRET DATA ENDS]**		
7			Total		100.00%			7.39%	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		0.00%										
16			SD share - D2 factor		9.8157%										
17															
18	**Deferred Tax**														
19	Book depreciation		10,803	10,760	10,810	10,979	11,030	11,080	11,080	11,080	11,080	11,080	11,080	11,080	131,942
20	Tax depreciation-Federal		5,355	5,355	5,355	5,355	5,355	5,355	5,355	5,355	5,355	5,355	5,355	5,355	64,260
21	Tax depreciation-SD		5,355	5,355	5,355	5,355	5,355	5,355	5,355	5,355	5,355	5,355	5,355	5,355	64,260
22	Federal deferred income taxes	35.00%	1,907	1,892	1,909	1,969	1,986	2,004	2,004	2,004	2,004	2,004	2,004	2,004	23,689
23	State deferred income taxes	0.00%	0	0	0	0	0	0	0	0	0	0	0	0	0

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Line No.	Year>>	2015 Projected January	2015 Projected February	2015 Projected March	2015 Projected April	2015 Projected May	2015 Projected 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	Plant Balance	36,422,588	36,422,588	36,422,588	36,422,588	36,422,588	36,422,588	36,422,588	36,422,588	36,422,588	36,422,588	36,422,588	36,422,588	36,422,588
2	Accumulated Depreciation	(594,995)	(650,062)	(705,129)	(760,196)	(815,263)	(870,330)	(925,397)	(980,464)	(1,035,531)	(1,090,598)	(1,145,665)	(1,200,732)	(1,200,732)
3	Net Plant in Service	35,827,593	35,772,526	35,717,459	35,662,392	35,607,325	35,552,258	35,497,191	35,442,124	35,387,057	35,331,990	35,276,923	35,221,856	35,221,856
4	CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Accumulated Deferred Income Taxes Fedederal & State	(2,512,207)	(2,566,751)	(2,621,295)	(2,675,838)	(2,730,382)	(2,784,926)	(2,839,470)	(2,894,014)	(2,948,558)	(3,003,102)	(3,057,646)	(3,112,190)	(3,112,190)
6	Ending rate base	33,315,387	33,205,776	33,096,165	32,986,554	32,876,943	32,767,332	32,657,721	32,548,110	32,438,499	32,328,888	32,219,277	32,109,666	32,109,666
7														
8	OTP Load Percentage	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%
9	Remove Non-OTP Load Portion	(29,986,846)	(29,888,187)	(29,789,527)	(29,690,867)	(29,592,207)	(29,493,548)	(29,394,888)	(29,296,228)	(29,197,569)	(29,098,909)	(29,000,249)	(28,901,590)	(28,901,590)
10	Retail Ending Rate Base	3,328,540	3,317,589	3,306,638	3,295,687	3,284,735	3,273,784	3,262,833	3,251,882	3,240,930	3,229,979	3,219,028	3,208,077	3,208,077
11														
12	Average rate base	256,143	256,143	256,143	256,143	256,143	256,143	256,143	256,143	256,143	256,143	256,143	256,143	3,073,721
13														
14	Return on Rate Base	18,928	18,928	18,928	18,928	18,928	18,928	18,928	18,928	18,928	18,928	18,928	18,928	227,134
15														
16	Available for return (equity portion of rate base)	12,728	12,728	12,728	12,728	12,728	12,728	12,728	12,728	12,728	12,728	12,728	12,728	152,736
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	57,032	57,032	57,032	57,032	57,032	57,032	57,032	57,032	57,032	57,032	57,032	57,032	684,380
22	Book Depreciation	55,067	55,067	55,067	55,067	55,067	55,067	55,067	55,067	55,067	55,067	55,067	55,067	660,804
23	Total O&M and Depreciation Expenses	112,099	112,099	112,099	112,099	112,099	112,099	112,099	112,099	112,099	112,099	112,099	112,099	1,345,185
24														
25	OTP Load Percentage	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%	9.991%
26	Remove Non-OTP Load Portion	(100,899)	(100,899)	(100,899)	(100,899)	(100,899)	(100,899)	(100,899)	(100,899)	(100,899)	(100,899)	(100,899)	(100,899)	(1,210,787)
27	Retail O&M and Depreciation Expenses	11,200	11,200	11,200	11,200	11,200	11,200	11,200	11,200	11,200	11,200	11,200	11,200	134,397
28														
29	Income before Taxes													
30	Available for return (from above)	12,728	12,728	12,728	12,728	12,728	12,728	12,728	12,728	12,728	12,728	12,728	12,728	152,736
31	Taxable Income (grossed up) 1.53846	19,582	19,582	19,582	19,582	19,582	19,582	19,582	19,582	19,582	19,582	19,582	19,582	234,979
32														
33	Income Taxes													
34	Current and Def Income Taxes 35.00%	6,854	6,854	6,854	6,854	6,854	6,854	6,854	6,854	6,854	6,854	6,854	6,854	82,243
35	Total Income Tax Expense	6,854	6,854	6,854	6,854	6,854	6,854	6,854	6,854	6,854	6,854	6,854	6,854	82,243
36														
37														
38	*REVENUE REQUIRMENTS*													
39	Expenses	18,053	18,053	18,053	18,053	18,053	18,053	18,053	18,053	18,053	18,053	18,053	18,053	216,640
40	Return on rate base	18,928	18,928	18,928	18,928	18,928	18,928	18,928	18,928	18,928	18,928	18,928	18,928	227,134
41	Subtotal revenue requirements	36,981	36,981	36,981	36,981	36,981	36,981	36,981	36,981	36,981	36,981	36,981	36,981	443,774
42	Adjustments													
43	Transmission Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Total revenue requirements	36,981	36,981	36,981	36,981	36,981	36,981	36,981	36,981	36,981	36,981	36,981	36,981	443,774
45														
46	South Dakota share - D2 factor 9.816%	3,630	3,630	3,630	3,630	3,630	3,630	3,630	3,630	3,630	3,630	3,630	3,630	43,560
47														
48	Gross Receipts Tax (at 0.0015) 0.15%	5	5	5	5	5	5	5	5	5	5	5	5	65
49	Total South Dakota Share	3,635	3,635	3,635	3,635	3,635	3,635	3,635	3,635	3,635	3,635	3,635	3,635	43,625

Otter Tail Power Company
South Dakota Transmission Cost Recovery Rider
CAPX2020 Fargo-Monticello Revenue Requirements
Docket No. EL13-029

Line No.															
	SUPPORTING INFORMATION / DATA														
1		**[TRADE SECRET DATA BEGINS…**													
2															
3															
4															
5															
6													**…TRADE SECRET DATA ENDS]**		
7		Total			100.00%			7.39%	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	0.00%										
16				SD share - D2 factor	9.8157%										
17															
18	**Deferred Tax**														
19	Book depreciation		55,067	55,067	55,067	55,067	55,067	55,067	55,067	55,067	55,067	55,067	55,067	55,067	660,804
20	Tax depreciation-Federal		210,907	210,907	210,907	210,907	210,907	210,907	210,907	210,907	210,907	210,907	210,907	210,907	2,530,881
21	Tax depreciation-SD		210,907	210,907	210,907	210,907	210,907	210,907	210,907	210,907	210,907	210,907	210,907	210,907	2,530,881
22	Federal deferred income taxes	35.00%	(54,544)	(54,544)	(54,544)	(54,544)	(54,544)	(54,544)	(54,544)	(54,544)	(54,544)	(54,544)	(54,544)	(54,544)	(654,527)
23	State deferred income taxes	0.00%	0	0	0	0	0	0	0	0	0	0	0	0	0