

215 South Cascade Street  
PO Box 496  
Fergus Falls, Minnesota 56538-0496  
218 739-8200  
[www.otpco.com](http://www.otpco.com) (web site)



January 26, 2016

Mr. Darrel Nitschke  
Director of Administration  
North Dakota Public Service Commission  
600 E. Boulevard Ave., Dept. 408  
Bismarck, ND 58505-0480

Dear Mr. Nitschke:

For the four-month period ending December 31, 2015, the rate for the Energy Adjustment Rider is (\$0.00526) per kWh and Plant Reagent/Emissions is \$0.00012 per kWh. Otter Tail Power Company proposes to bill at these rates effective February 1, 2016.

The following additional information is provided for the Energy Adjustment Rider:

Average costs from previous month's adjustment:	\$ .023341
Average costs from current month's adjustment:	\$ .022775
Difference – (Increase) Decrease:	\$ .000566

The net effect of this energy adjustment is to decrease the rate by \$.00057. The total resulting adjustment for the current billing period will then be (\$0.00526) per kWh.

Information supporting the adjustments is enclosed. The costs reported in the supporting detail are based on the provisions of the Energy Adjustment Rider approved by the Commission on November 25, 2009, in Case No. PU-08-862. Effective with final rates in Case No. PU-08-862, the base cost of energy is \$0.028030. The costs reported for the Plant Reagent/Emissions were approved by the Commission on February 25, 2015, as a part of the Environmental Cost Recovery Rider in Case No. PU-14-668. Detailed schedule of the items included in the calculations are enclosed.

Mr. Darrel Nitschke  
January 26, 2016  
Page Two

**Otter Tail Power Company submits an original and two (2) copies each of the following:**

- 1) Calculation of the February 2016 Energy Adjustment Rider based on the four-month period ending December 2015.
- 2) Monthly Detail of MISO Day 2 Charges by Charge Type for ND Energy Adjustment Rider marked as Attachment A (2 pages).
- 3) Monthly MISO Day 2 Charges for ND Energy Adjustment Rider marked as Attachment B.
- 4) Monthly MISO Day 2 Charges for ND Non-Energy Adjustment Rider marked as Attachment C.
- 5) Detail of MISO Day 2 Charges by Charge Group for Current Month marked as Attachment D (2 pages).
- 6) Otter Tail Power Company's Plant Conditions for December 2015 marked as Attachment E.

Enclosed with this month's filing is a \$600 check for the 2016 Energy Adjustment Rider filing fee.

Sincerely,

*/s/ JILL R. BJORGUM*  
Jill R. Bjorgum  
Regulatory Transactions Specialist

Enclosures  
By electronic filing  
cc: NDPSC – electronic copy

NORTH DAKOTA  
 OTTER TAIL POWER COMPANY  
 ENERGY ADJUSTMENT RIDER  
 FOR BILLING TO BE EFFECTIVE FEBRUARY 1, 2016

1st of the Month  
 RATE LEVEL 50

Line	ENERGY COSTS & CREDITS	(A)	(B)	(C)	(D)	(E)
		2015 September	2015 October	2015 November	2015 December	Total This Period
1	Purchased Power	\$1,514,970	\$1,776,046	\$1,561,467	\$1,580,328	\$6,432,811
2	Wind Curtailment	\$1,597	\$38,906	\$20,518	\$2,574	\$63,596
3	Steam Plant Generation	\$3,638,054	\$3,853,687	\$4,635,761	\$4,262,839	\$16,390,342
4	Other Plant Generation	\$122,488	\$79,946	(\$52,223)	\$58,001	\$208,212
5	Hydro Plant Generation	\$0	\$0	\$0	\$0	\$0
6	Less: Intersystem Sales	(\$182,128)	(\$191,642)	(\$356,020)	(\$295,307)	(\$1,025,097)
7	Net Retail MISO Day 2	\$2,497,303	\$2,584,529	\$2,539,039	\$4,950,095	\$12,570,965
8	NET ENERGY COSTS	\$7,592,284	\$8,141,472	\$8,348,542	\$10,558,531	\$34,640,829
<u>ASSET-BASED MARGINS</u>		2015	2015	2016	2016	Total
		November	December	January	February	This Period
9	Forecast of Margins - 85%	(\$12,929)	\$0	\$0	(\$608)	(\$13,537)
10	True-up of prior months margin forecast	\$295	\$1,808	\$91,696	(\$19,855)	\$73,944
11	Total Margin Credit	(\$12,634)	\$1,808	\$91,696	(\$20,463)	\$60,407
12	Prior (over) under recovery (line 25)					(\$1,253,388)
13	Adjusted Net Energy Costs (line 8 + line 11 + line 12)					\$33,447,848
<u>ENERGY -- KWH</u>		2015	2015	2015	2015	Total
		September	October	November	December	This Period
14	Retail Sales - kWhs	364,584,007	342,631,935	359,045,181	402,389,198	1,468,650,321
15	Delivered Cost per kWh					\$0.022775
16	Base Cost per kWh					\$0.028030
17	Energy Cost Adjustment -- Per kWh					(\$0.00526)

**TRUE UP FOR DECEMBER**

18	Retail Sales (kWhs) (line 14, col D)	402,389,198
19	Net Energy Costs for the System -- Most recent month	\$10,560,339
20	Base Cost Recovered	\$11,278,969
21	Net to be Recovered from COE (line 19 - line 20)	(\$718,631)
22	COE Recovery Rate Effective for December	(\$0.00205)
23	Amount Recovered by COE (line 22 x line 18)	(\$824,898)
24	Over / (Under) Recovery (line 21 - line 23)	(\$106,267)
25	Cumulative Over / (Under) Recovery (prior month cumulative over/(under))	\$1,253,388

NORTH DAKOTA  
 OTTER TAIL POWER COMPANY  
 PLANT REAGENT/EMISSIONS CALCULATION  
 FOR BILLING TO BE EFFECTIVE FEBRUARY 1, 2016

1st of the Month  
 RATE LEVEL 50

		(A)	(B)	(C)	(D)	(E)
		2015	2015	2015	2015	Total
<u>REAGENTS COSTS &amp; CREDITS</u>		<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>This Period</u>
<u>Line</u>						
1	Big Stone	(\$4)	\$4	\$0	\$20,703	\$20,703
2	Coyote	\$27,877	\$26,679	\$26,615	\$17,471	\$98,642
3	Hoot Lake	\$2,676	\$0	\$10,794	\$12,753	\$26,223
4	Hoot Lake Emissions Allowances	\$192	(\$383)	\$8,913	\$8,529	\$17,250
5	<b>NET REAGENTS COSTS</b>	<b>\$30,741</b>	<b>\$26,299</b>	<b>\$46,322</b>	<b>\$59,456</b>	<b>\$162,819</b>
6	Prior (over) under recovery (line 15)					<u>\$17,700</u>
7	Adjusted Net Reagents Costs (line 5 + line 6)					<u><u>\$180,518</u></u>
<u>ENERGY -- KWH</u>		<u>2015</u>	<u>2015</u>	<u>2015</u>	<u>2015</u>	<u>Total</u>
		<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>This Period</u>
8	Retail Sales - kWhs	364,584,007	342,631,935	359,045,181	402,389,198	1,468,650,321
9	Reagent Cost Adjustment -- Per kWh					\$0.00012
<b>TRUE UP FOR DECEMBER</b>						
10	Retail Sales (kWhs) (line 8, col D)					402,389,198
11	Net Reagent Costs for the System -- Most recent month					\$59,456
12	Reagent Cost Adjustment Effective for December					\$0.00011
13	Amount Recovered by Reagent (line 10 x line 12)					\$44,263
14	(Over) / Under Recovery (line 11 - line 13)					\$15,194
15	Cumulative (Over) / Under Recovery (prior month cumulative (over)/under)					\$17,700

Otter Tail Power Company						
Monthly Detail of MISO Day 2 Charges by Charge Type for ND Energy Adjustment Rider - System						
December 2015 includes any adjustments						
No.	Charge Type Description	(A) Acct	(B)	(C) Energy Adjustment Rider		(D)
			Total	Retail	Other	Total
			(E)	(F)		
			Total	Non-Energy		Adj. Rider
			[TRADE SECRET DATA BEGINS ..			[TRADE SECRET DATA BEGINS ..
1	DA Asset Energy Amount	555.02		\$ 4,451,703.69	\$ -	\$ 4,451,703.69
2	DA Non-asset Energy Amount	555.09		\$ (101,711.03)	\$ -	\$ (101,711.03)
3	DA Virtual Energy Amount	555.12		\$ -	\$ -	\$ -
4	RT Asset Energy Amount	555.19		\$ 492,869.25	\$ -	\$ 492,869.25
5	RT Non-Asset Energy Amount	555.26		\$ -	\$ -	\$ -
6	RT Virtual Energy Amount	555.32		\$ -	\$ -	\$ -
			...TRADE SECRET DATA ENDS]			...TRADE SECRET DATA ENDS]
7	<b>ENERGY CHARGES TOTAL</b>		<b>\$ 4,838,319.75</b>	<b>\$ 4,842,861.91</b>	<b>\$ -</b>	<b>\$ 4,842,861.91</b>
			[TRADE SECRET DATA BEGINS ..			[TRADE SECRET DATA BEGINS ..
8	DA Mkt Admin Amount	555.01		\$ 59,940.84	\$ -	\$ 59,940.84
9	DA FBT Congestion Amount	555.03		\$ -	\$ -	\$ -
10	DA FBT Loss Amount	555.04		\$ -	\$ -	\$ -
11	DA Congestion Rebate on COGA	555.05		\$ -	\$ -	\$ -
12	DA Losses Rebate on COGA	555.06		\$ -	\$ -	\$ -
13	DA Congestion Rebate on Option B GFA	555.07		\$ -	\$ -	\$ -
14	DA Losses Rebate on Option B GFA	555.08		\$ -	\$ -	\$ -
15	DA Revenue Sufficiency Guarantee Distribution Amount	555.10		\$ 6,623.07	\$ -	\$ 6,623.07
16	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11		\$ -	\$ -	\$ -
17	FTR Mkt Admin Amount	555.13		\$ 1,775.68	\$ -	\$ 1,775.68
18	FTR Hourly Allocation Amount	555.14		\$ (344,173.33)	\$ -	\$ (344,173.33)
19	FTR Monthly Allocation Amount	555.15		\$ (10,131.67)	\$ -	\$ (10,131.67)
20	FTR Monthly Transaction Amount	555.35		\$ (8,268.30)	\$ -	\$ (8,268.30)
21	FTR Yearly Allocation Amount	555.17		\$ -	\$ -	\$ -
22	RT Mkt Admin Amount	555.18		\$ 6,240.04	\$ -	\$ 6,240.04
23	RT FBT Congestion Amount	555.20		\$ -	\$ -	\$ -
24	RT FBT Loss Amount	555.21		\$ -	\$ -	\$ -
25	RT Congestion Rebate on COGA	555.22		\$ -	\$ -	\$ -
26	RT Loss Rebate on COGA	555.23		\$ -	\$ -	\$ -
27	RT Distribution of Losses Amount	555.24		\$ (164,986.45)	\$ -	\$ (164,986.45)
28	RT Misc Amount	555.25		\$ (750.26)	\$ -	\$ (750.26)
29	RT Net Inadvertent Amount	555.27		\$ (5,375.24)	\$ -	\$ (5,375.24)
30	RT Revenue Neutrality Uplift Amount	555.28		\$ 77,739.82	\$ -	\$ 77,739.82
31	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29		\$ 8,014.06	\$ -	\$ 8,014.06
32	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30		\$ -	\$ -	\$ -
33	RT Uninstructed Deviation Amount	555.31		\$ -	\$ -	\$ -
34	FTR Full Funding Guarantee Amount	555.36		\$ (20,813.14)	\$ -	\$ (20,813.14)
35	FTR Guarantee Uplift Amount	555.37		\$ 19,592.23	\$ -	\$ 19,592.23
36	FTR Auction Revenue Rights Transaction Amount	555.39		\$ (226,568.51)	\$ -	\$ (226,568.51)
37	FTR Annual Transaction Amount	555.38		\$ 226,460.11	\$ -	\$ 226,460.11
38	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40		\$ 5,664.89	\$ -	\$ 5,664.89
39	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41		\$ (33,695.66)	\$ -	\$ (33,695.66)
40	RT Price Volatility Make Whole Payment	555.42		\$ (19,710.57)	\$ -	\$ (19,710.57)
41	DA_ASM_REG	555.43		\$ -	\$ -	\$ -
42	DA_ASM_SPIN	555.44		\$ (12,402.48)	\$ -	\$ (12,402.48)
43	DA_ASM_SUPP	555.45		\$ -	\$ -	\$ -

Otter Tail Power Company Monthly Detail of MISO Day 2 Charges by Charge Type for ND Energy Adjustment Rider - System December 2015 includes any adjustments									
No.	Charge Type Description	(A)	(B)	(C)		(D)	(E)	(F)	
		Acct	Total	Energy Adjustment Rider		Other	Total	Non-Energy Adj. Rider	
				Retail					
44	RT_ASM_REG	555.46		\$ (1,398.63)	\$ -		\$ (1,398.63)		
45	RT_ASM_SPIN	555.47		\$ 1,533.39	\$ -		\$ 1,533.39		
46	RT_ASM_SUPP	555.48		\$ -	\$ -		\$ -		
47	RT_ASM_NRGA	555.49		\$ 55.50	\$ -		\$ 55.50		
48	RT_ASM_EXE_DFE_DEP	555.50		\$ 138.66	\$ -		\$ 138.66		
49	RT_ASM_CRDFC	555.51		\$ -	\$ -		\$ -		
50	RT_ASM_REG_DIST	555.52		\$ 10,238.64	\$ -		\$ 10,238.64		
51	RT_ASM_SPIN_DIST	555.53		\$ 11,027.75	\$ -		\$ 11,027.75		
52	RT_ASM_SUPP_DIST	555.54		\$ 5,721.24	\$ -		\$ 5,721.24		
53	RT ASM Non-Excessive Energy Amount	555.55		\$ 514,476.46	\$ -		\$ 514,476.46		
54	RT ASM Excessive Energy Amount	555.56		\$ 260.63	\$ -		\$ 260.63		
55	RT_ASM_MISC	555.25		\$ -	\$ -		\$ -		
56	RT Demand Response Allocation Uplift Amount	555.59		\$ 3.91	\$ -		\$ 3.91		
				...TRADE SECRET DATA ENDS]				...TRADE SECRET DATA ENDS]	
57	<b>ENERGY CHARGES TOTAL</b>		\$ (207,062.98)	\$ 107,232.68	\$ -		\$ 107,232.68	\$ (314,295.66)	
58	<b>TOTAL MISO DAY 2 CHARGES</b>		\$ 4,631,256.77	\$ 4,950,094.59	\$ -		\$ 4,950,094.59	\$ (318,837.82)	
59	<b>Less: MISO RSG Bad Debt</b>		\$ -	\$ -			\$ -	\$ -	
60	<b>TOTAL FOR ND COST OF ENERGY ADJUSTMENT</b>		\$ 4,631,256.77	\$ 4,950,094.59			\$ 4,950,094.59	\$ (318,837.82)	

Otter Tail Power Company																												
Monthly MISO Day 2 Charges for ND Energy Adjustment Rider - System																												
January - December 2015																												
Includes Any Adjustments																												
No.	Day Ahead & Real Time Asset & Non Asset Energy & Loss	Charge Type Description	Acct	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	YEAR TO DATE												
				[TRADE SECRET DATA BEGINS ...]																								
1	DA Asset Energy Amount	555.02	\$	3,316,000.03	\$	3,457,102.03	\$	4,741,516.23	\$	3,418,861.49	\$	3,551,049.01	\$	4,436,662.96	\$	5,802,112.82	\$	3,960,567.72	\$	2,537,747.69	\$	2,507,871.73	\$	2,536,823.48	\$	4,451,703.69	\$	44,718,018.88
2	DA FBT Loss Amount	555.04	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
3	DA Non-asset Energy Amount	555.09	\$	676,868.16	\$	421,727.08	\$	522,679.06	\$	139,448.45	\$	103,493.47	\$	87,156.61	\$	244,209.83	\$	140,504.55	\$	181,228.79	\$	112,706.48	\$	(15,553.03)	\$	(101,711.03)	\$	2,512,658.42
4	RT Asset Energy Amount	555.19	\$	(373,981.67)	\$	(180,020.85)	\$	11,146.59	\$	(94,475.47)	\$	55,415.07	\$	(53,734.26)	\$	126,494.06	\$	(277,802.44)	\$	(321,879.39)	\$	(274,427.27)	\$	24,542.75	\$	492,869.25	\$	(865,853.43)
5	RT Distribution of Losses Amount	555.24	\$	(209,555.64)	\$	(251,082.15)	\$	(225,245.79)	\$	(95,612.89)	\$	(70,763.93)	\$	(69,141.00)	\$	(119,340.01)	\$	(174,685.06)	\$	(146,515.99)	\$	(117,464.23)	\$	(126,538.35)	\$	(164,986.45)	\$	(1,770,931.49)
6	RT FBT Loss Amount	555.21	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
7	RT Non-Asset Energy Amount	555.26	\$	482.00	\$	1,381.82	\$	246.00	\$	450.51	\$	(8,178.83)	\$	1,936.68	\$	(182.98)	\$	32,325.05	\$	19,552.88	\$	(2,861.86)	\$	(91.61)	\$	-	\$	45,059.66
8	TOTAL		\$	3,409,812.88	\$	3,449,108.13	\$	5,050,242.09	\$	3,368,672.09	\$	3,631,014.79	\$	4,402,880.99	\$	6,053,293.72	\$	3,680,909.82	\$	2,270,133.98	\$	2,225,824.85	\$	2,419,183.24	\$	4,677,875.46	\$	44,638,952.04
<b>Virtual Energy</b>																												
9	DA Virtual Energy Amount	555.12	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
10	RT Virtual Energy Amount	555.32	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
11	TOTAL		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
<b>Schedules 16 &amp; 17</b>																												
12	DA Mkt Admin Amount	555.01	\$	49,710.66	\$	59,031.43	\$	67,704.43	\$	47,636.46	\$	34,197.66	\$	34,110.94	\$	34,479.29	\$	41,607.66	\$	40,628.05	\$	43,199.85	\$	50,738.20	\$	59,940.84	\$	562,985.47
13	RT Mkt Admin Amount	555.18	\$	4,628.87	\$	3,688.05	\$	5,244.84	\$	3,907.71	\$	3,277.15	\$	3,475.12	\$	2,860.43	\$	4,982.71	\$	4,078.35	\$	4,616.64	\$	5,376.18	\$	6,240.04	\$	62,356.09
14	FTR Mkt Admin Amount	555.13	\$	2,621.92	\$	2,665.84	\$	2,708.64	\$	2,652.48	\$	1,385.04	\$	946.88	\$	710.08	\$	1,381.44	\$	1,675.68	\$	1,548.16	\$	1,394.40	\$	1,775.68	\$	21,334.24
15	TOTAL		\$	56,961.45	\$	65,365.32	\$	75,657.91	\$	54,064.65	\$	38,859.85	\$	38,532.94	\$	38,049.80	\$	47,971.81	\$	46,382.08	\$	49,364.65	\$	57,508.78	\$	67,956.56	\$	636,675.80
<b>Congest &amp; FTRs</b>																												
16	DA FBT Congestion Amount	555.03	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
17	RT FBT Congestion Amount	555.20	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
18	FTR Hourly Allocation Amount	555.14	\$	8,056.08	\$	(106,409.24)	\$	(107,708.73)	\$	(91,866.03)	\$	(35,599.87)	\$	(9,082.90)	\$	2,549.80	\$	(45,792.04)	\$	(35,711.45)	\$	(39,693.58)	\$	(135,138.54)	\$	(344,173.33)	\$	(940,569.83)
19	FTR Monthly Allocation Amount	555.15	\$	(4,925.54)	\$	(5,961.54)	\$	(7,682.27)	\$	(2,844.16)	\$	(3,628.18)	\$	(929.12)	\$	(637.34)	\$	(1,651.92)	\$	(5,184.46)	\$	(12,932.33)	\$	(5,055.02)	\$	(10,131.67)	\$	(61,563.55)
20	FTR Yearly Allocation Amount	555.17	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
21	FTR Monthly Transaction Amount	555.35	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
22	FTR Full Funding Guarantee Amount	555.36	\$	1,248.87	\$	(6,765.02)	\$	3,268.80	\$	85,852.70	\$	(58,898.80)	\$	(59,845.63)	\$	(63,931.52)	\$	(10,192.28)	\$	(33,770.58)	\$	(10,253.05)	\$	(13,174.94)	\$	(8,268.30)	\$	(258,335.10)
23	FTR Guarantee Uplift Amount	555.37	\$	(1,178.54)	\$	6,616.92	\$	(3,902.22)	\$	(85,394.50)	\$	(2,434.16)	\$	(2,434.16)	\$	(0.02)	\$	(777.72)	\$	(2,262.81)	\$	(6,095.48)	\$	(2,928.27)	\$	(33,878.12)	\$	(20,813.14)
24	FTR Auction Revenue Rights Transaction Amount	555.39	\$	(1,173,322.17)	\$	(1,173,322.17)	\$	(683,861.24)	\$	(683,861.24)	\$	(683,861.24)	\$	(683,861.24)	\$	(208,334.67)	\$	(208,334.67)	\$	(208,334.67)	\$	(237,241.63)	\$	(237,241.63)	\$	(237,241.63)	\$	(226,568.51)
25	FTR Annual Transaction Amount	555.38	\$	1,172,886.90	\$	1,172,886.90	\$	667,576.34	\$	667,576.34	\$	667,576.34	\$	184,165.97	\$	184,165.97	\$	184,165.97	\$	236,467.34	\$	236,467.34	\$	236,467.34	\$	226,460.11	\$	5,836,862.86
26	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	\$	18,154.93	\$	18,154.93	\$	24,662.40	\$	24,662.40	\$	24,662.40	\$	5,379.69	\$	5,379.69	\$	5,313.17	\$	8,636.91	\$	8,670.17	\$	5,664.89	\$	158,011.75	\$	-
27	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	\$	(16,061.53)	\$	(21,960.53)	\$	(30,261.39)	\$	(29,903.57)	\$	(30,242.37)	\$	(26,965.64)	\$	(19,246.86)	\$	(21,298.10)	\$	(45,415.76)	\$	(46,544.39)	\$	(46,544.39)	\$	(33,695.66)	\$	(368,140.19)
28	TOTAL		\$	4,859.00	\$	(116,759.75)	\$	(137,908.31)	\$	(201,835.82)	\$	(119,991.72)	\$	(115,612.30)	\$	(100,054.93)	\$	(97,789.87)	\$	(112,219.63)	\$	(101,527.47)	\$	(192,580.39)	\$	(391,933.38)	\$	(1,683,354.57)
<b>RSG &amp; Make Whole Payments</b>																												
29	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	\$	16,397.38	\$	20,167.25	\$	54,654.19	\$	8,582.99	\$	919.47	\$	7,215.36	\$	12,104.39	\$	11,667.22	\$	11,414.68	\$	13,720.10	\$	5,733.51	\$	6,623.07	\$	169,199.61
30	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	\$	-	\$	-	\$	(385.39)	\$	-	\$	-	\$	-	\$	-	\$	(43.00)	\$	(565.87)	\$	(39.89)	\$	-	\$	-	\$	(1,034.15)
31	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29	\$	13,378.10	\$	17,227.58	\$	46,519.18	\$	4,147.60	\$	12,839.11	\$	16,994.43	\$	19,822.46	\$	66,160.45	\$	36,853.32	\$	27,571.30	\$	13,469.21	\$	8,014.06	\$	282,996.80
32	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
33	RT Price Volatility Make Whole Payment	555.42	\$	(22,370.67)	\$	(16,431.11)	\$	(14,100.56)	\$	(6,942.87)	\$	(7,173.27)	\$	(5,566.54)	\$	(6,567.87)	\$	(8,388.48)	\$	(9,834.15)	\$	(10,114.83)	\$	(16,755.55)	\$	(19,710.57)	\$	(143,956.47)
34	TOTAL		\$	7,404.81	\$	20,963.72	\$	86,687.42	\$	5,787.72	\$	6,585.31	\$	16,643.25	\$	25,358.98	\$	69,439.19	\$	38,390.85	\$	30,610.70	\$	2,407.28	\$	(5,073.44)	\$	307,205.79
<b>Revenue Neutrality Uplift</b>																												
35	RT Revenue Neutrality Uplift Amount	555.28	\$	37,814.80	\$	65,811.78	\$	68,242.25	\$	44,993.69	\$	55,301.86	\$	61,890.86	\$	39,949.01	\$	37,669.28	\$	38,980.97	\$	44,396.55	\$	66,519.70	\$	77,739.82	\$	639,310.57
36	TOTAL		\$	37,814.80	\$	65,811.78	\$	68,242.25	\$	44,993.69	\$	55,301.86	\$	61,890.86	\$	39,949.01	\$	37,669.28	\$	38,980.97	\$	44,396.55	\$	66,519.70	\$	77,739.82	\$	639,310.57
<b>Other Charges</b>																												
37	RT Misc Amount	555.25	\$	(23,445.65)	\$	(29,723.26)	\$	(35,199.39)	\$	(13,860.86)	\$	1,231.90	\$	(15.38)	\$	(641.33)	\$	(23.17)	\$	(4,314.17)	\$	519.46	\$	3,812.74	\$	(750.26)	\$	(102,409.37)
38	RT Net Inadvertent Amount	555.27	\$	(7,424.33)	\$	(6,089.84)	\$	2,055.61	\$	(2,073.85)	\$	(2,843.95)	\$	833.65	\$	(1,830.29)	\$	(590.02)	\$	1,716.01	\$	(4,316.41)	\$	(5,344.00)	\$	(5,375.24)	\$	(31,282.66)
39	RT Uninstructed Deviation Amount	555.31	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
40	RT Demand Response Allocation Uplift Amount	555.59	\$	-	\$	-	\$	-	\$	-	\$	3.23	\$	(0.03)	\$	4.73	\$	0.02	\$	-	\$	0.02	\$	-	\$	3.91	\$	11.88
41	TOTAL		\$	(30,869.98)	\$	(35,813.10)	\$	(33,143.78)	\$	(15,934.71)	\$	(1,612.05)	\$	821.50	\$	(2,471.65)	\$	(608.46)	\$	(2,598.14)	\$	(3,796.95)	\$	(1,531.24)	\$	(6,121.59)	\$	(133,680.15)
<b>ASM Charges</b>																												
42	DA_ASM_REG	555.43	\$	-	\$	-	\$	(411.84)	\$	-	\$	(157.78)	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	(569.62)
43	DA_ASM_SPIN	555.44	\$	(13,684.73)	\$	(7,767.50)	\$	(21,057.81)	\$	(7,534.16)	\$	(1,450.89)	\$	(812.71)	\$	(11,000.94)	\$	(17,190.19)	\$	(2,386.93)	\$	(1,461.98)	\$	(8,398.67)	\$	(12,402.48)	\$	(105,148.99)
44	DA_ASM_SUPP	555.45	\$	(1,544.25)	\$																							

Otter Tail Power Company Monthly MISO Day 2 Charges for ND Non-Energy Adjustment Rider - System January - December 2015 Includes Any Adjustments															
No.	Charge Type Description	Acct	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	YEAR TO DATE
			... TRADE SECRET DATA BEGINS ...												
1	DA Asset Energy Amount	555.02													
2	DA FBT Loss Amount	555.04													
3	DA Non-asset Energy Amount	555.09													
4	RT Asset Energy Amount	555.19													
5	RT Distribution of Losses Amount	555.24													
6	RT FBT Loss Amount	555.21													
7	RT Non-Asset Energy Amount	555.26													
8	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	(668,184.73)
<b>Virtual Energy</b>															
9	DA Virtual Energy Amount	555.12													
10	RT Virtual Energy Amount	555.32													
11	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	(85,116.35)
<b>Schedules 16 &amp; 17</b>															
12	DA Mkt Admin Amount	555.01													
13	RT Mkt Admin Amount	555.18													
14	FTR Mkt Admin Amount	555.13													
15	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	9,846.86
<b>Congest &amp; FTRs</b>															
16	DA FBT Congestion Amount	555.03													
17	RT FBT Congestion Amount	555.20													
18	FTR Hourly Allocation Amount	555.14													
19	FTR Monthly Allocation Amount	555.15													
20	FTR Yearly Allocation Amount	555.17													
21	FTR Monthly Transaction Amount	555.35													
22	FTR Full Funding Guarantee Amount	555.36													
23	FTR Guarantee Uplift Amount	555.37													
24	FTR Auction Revenue Rights Transaction Amount	555.39													
25	FTR Annual Transaction Amount	555.38													
26	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40													
27	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41													
28	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	(96,795.15)
<b>RSG &amp; Make Whole Payments</b>															
29	DA Revenue Sufficiency Guarantee Distribution Amount	555.10													
30	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11													
31	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29													
32	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30													
33	RT Price Volatility Make Whole Payment	555.42													
34	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	(130,639.52)
<b>Revenue Neutrality Uplift</b>															
35	RT Revenue Neutrality Uplift Amount	555.28													
36	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	15,305.47
<b>Other Charges</b>															
37	RT Misc Amount	555.25													
38	RT Net Inadvertent Amount	555.27													
39	RT Uninstructed Deviation Amount	555.31													
40	RT Demand Response Allocation Uplift Amount	555.59													
41	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	456.07
<b>ASM Charges</b>															
42	DA_ASM_REG	555.43													
43	DA_ASM_SPIN	555.44													
44	DA_ASM_SUPP	555.45													
45	RT_ASM_REG	555.46													
46	RT_ASM_SPIN	555.47													
47	RT_ASM_SUPP	555.48													
48	RT_ASM_NRGA	555.49													
49	RT_ASM_EXE_DFE_DEP	555.50													
50	RT_ASM_CRDFC	555.51													
51	RT_ASM_REG_DIST	555.52													
52	RT_ASM_SPIN_DIST	555.53													
53	RT_ASM_SUPP_DIST	555.54													
54	RT ASM Non-Excessive Energy Amount	555.55													
55	RT ASM Excessive Energy Amount	555.56													
56	RT_ASM_MISC	555.25													
57	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	(1,484,783.82)
<b>Grandfathered Charge Types</b>															
58	DA Congestion Rebate on COGA	555.05													
59	DA Losses Rebate on COGA	555.06													
60	DA Congestion Rebate on Option B GFA	555.07													
61	DA Losses Rebate on Option B GFA	555.08													
62	RT Congestion Rebate on COGA	555.22													
63	RT Loss Rebate on COGA	555.23													
64	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
			... TRADE SECRET DATA ENDS ...												
65	<b>TOTAL MISO DAY 2 CHARGES - Non-Energy Adjustment Rider</b>		\$ (307,421.59)	\$ (465,614.24)	\$ (333,286.08)	\$ (89,020.08)	\$ (107,048.84)	\$ (29,088.77)	\$ (66,314.55)	\$ (79,671.26)	\$ (182,462.38)	\$ (197,902.49)	\$ (263,243.07)	\$ (318,837.82)	\$ (2,439,911.17)
66	<b>TOTAL FOR ND NON-ENERGY ADJUSTMENT RIDER</b>		\$ (307,421.59)	\$ (465,614.24)	\$ (333,286.08)	\$ (89,020.08)	\$ (107,048.84)	\$ (29,088.77)	\$ (66,314.55)	\$ (79,671.26)	\$ (182,462.38)	\$ (197,902.49)	\$ (263,243.07)	\$ (318,837.82)	\$ (2,439,911.17)

Otter Tail Power Company									
Detail of MISO Day 2 Charges by Charge Group for Current Month - System									
December 2015 includes any adjustments									
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)**	
Charge Type Description	Acct	Retail Debits	Retail Credits	Retail Adjustments	Net Retail	Net Intersystem	Total	Charge types with MWH for Retail	
<b>No. Day Ahead &amp; Real Time Asset &amp; Non Asset Energy &amp; Loss</b>	<b>TRADE SECRET DATA BEGINS . . .</b>								
1	DA Asset Energy Amount	555.02	\$ 9,590,691.92	\$ (5,138,988.23)	\$ -	\$ 4,451,703.69		502,589	(296,406)
2	DA FBT Loss Amount	555.04	\$ -	\$ -	\$ -	\$ -		-	-
3	DA Non-asset Energy Amount	555.09	\$ -	\$ (101,711.03)	\$ -	\$ (101,711.03)		-	(5,722)
4	RT Asset Energy Amount	555.19	\$ 566,882.63	\$ (114,826.42)	\$ 40,813.04	\$ 492,869.25		28,566	(6,732)
5	RT Distribution of Losses Amount	555.24	\$ 9,165.23	\$ (171,170.12)	\$ (2,981.56)	\$ (164,986.45)		-	-
6	RT FBT Loss Amount	555.21	\$ -	\$ -	\$ -	\$ -		-	-
7	RT Non-Asset Energy Amount	555.26	\$ -	\$ -	\$ -	\$ -		-	-
8	<b>TOTAL</b>		<b>\$ 10,166,739.78</b>	<b>\$ (5,526,695.80)</b>	<b>\$ 37,831.48</b>	<b>\$ 4,677,875.46</b>	<b>\$ -</b>	<b>531,156</b>	<b>(308,859)</b>
<b>Virtual Energy</b>									
9	DA Virtual Energy Amount	555.12	\$ -	\$ -	\$ -	\$ -		-	-
10	RT Virtual Energy Amount	555.32	\$ -	\$ -	\$ -	\$ -		-	-
11	<b>TOTAL</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Schedules 16 &amp; 17</b>									
12	DA Mkt Admin Amount	555.01	\$ 59,940.84	\$ -	\$ -	\$ 59,940.84		-	-
13	RT Mkt Admin Amount	555.18	\$ 6,382.31	\$ -	\$ (142.27)	\$ 6,240.04		-	-
14	FTR Mkt Admin Amount	555.13	\$ 1,775.68	\$ -	\$ -	\$ 1,775.68		-	-
15	<b>TOTAL</b>		<b>\$ 68,098.83</b>	<b>\$ -</b>	<b>\$ (142.27)</b>	<b>\$ 67,956.56</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Congest &amp; FTRs</b>									
16	DA FBT Congestion Amount	555.03	\$ -	\$ -	\$ -	\$ -		-	-
17	RT FBT Congestion Amount	555.20	\$ -	\$ -	\$ -	\$ -		-	-
18	FTR Hourly Allocation Amount	555.14	\$ 15,026.34	\$ (359,199.67)	\$ -	\$ (344,173.33)		-	-
19	FTR Monthly Allocation Amount	555.15	\$ -	\$ (10,126.15)	\$ (5.52)	\$ (10,131.67)		-	-
20	FTR Yearly Allocation Amount	555.17	\$ -	\$ -	\$ -	\$ -		-	-
21	FTR Monthly Transaction Amount	555.35	\$ -	\$ (8,268.30)	\$ -	\$ (8,268.30)		-	-
22	FTR Full Funding Guarantee Amount	555.36	\$ 9,853.92	\$ (30,672.58)	\$ 5.52	\$ (20,813.14)		-	-
23	FTR Guarantee Uplift Amount	555.37	\$ 30,672.58	\$ (11,075.54)	\$ (4.81)	\$ 19,592.23		-	-
24	FTR Auction Revenue Rights Transaction Amount	555.39	\$ 13,462.12	\$ (240,030.63)	\$ -	\$ (226,568.51)		-	-
25	FTR Annual Transaction Amount	555.38	\$ 240,100.08	\$ (13,639.97)	\$ -	\$ 226,460.11		-	-
26	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	\$ 5,664.89	\$ -	\$ -	\$ 5,664.89		-	-
27	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	\$ -	\$ (33,695.66)	\$ -	\$ (33,695.66)		-	-
28	<b>TOTAL</b>		<b>\$ 314,779.93</b>	<b>\$ (706,708.50)</b>	<b>\$ (4.81)</b>	<b>\$ (391,933.38)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>RSG &amp; Make Whole Payments</b>									
29	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	\$ 7,242.13	\$ -	\$ (619.06)	\$ 6,623.07		-	-
30	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	\$ -	\$ -	\$ -	\$ -		-	-
31	RT Revenue Sufficiency Guarantee First Pass Distribution Amou	555.29	\$ 9,981.25	\$ -	\$ (1,967.19)	\$ 8,014.06		-	-
32	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	\$ -	\$ -	\$ -	\$ -		-	-
33	RT Price Volatility Make Whole Payment	555.42	\$ -	\$ (19,723.82)	\$ 13.25	\$ (19,710.57)		-	-
34	<b>TOTAL</b>		<b>\$ 17,223.38</b>	<b>\$ (19,723.82)</b>	<b>\$ (2,573.00)</b>	<b>\$ (5,073.44)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Revenue Neutrality Uplift</b>									
35	RT Revenue Neutrality Uplift Amount	555.28	\$ 77,585.80	\$ (1,118.08)	\$ 1,272.10	\$ 77,739.82		-	-
36	<b>TOTAL</b>		<b>\$ 77,585.80</b>	<b>\$ (1,118.08)</b>	<b>\$ 1,272.10</b>	<b>\$ 77,739.82</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Other Charges</b>									
37	RT Misc Amount	555.25	\$ -	\$ -	\$ (750.26)	\$ (750.26)		-	-
38	RT Net Inadvertent Amount	555.27	\$ 6,704.12	\$ (11,471.75)	\$ (607.61)	\$ (5,375.24)		-	-
39	RT Uninstructed Deviation Amount	555.31	\$ -	\$ -	\$ -	\$ -		-	-
40	RT Demand Response Allocation Uplift Amount	555.59	\$ -	\$ -	\$ 3.91	\$ 3.91		-	-
41	<b>TOTAL</b>		<b>\$ 6,704.12</b>	<b>\$ (11,471.75)</b>	<b>\$ (1,353.96)</b>	<b>\$ (6,121.59)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>ASM Charges</b>									
42	DA_ASM_REG	555.43	\$ -	\$ -	\$ -	\$ -		-	-
43	DA_ASM_SPIN	555.44	\$ -	\$ (12,402.48)	\$ -	\$ (12,402.48)		-	(6,086)
44	DA_ASM_SUPP	555.45	\$ -	\$ -	\$ -	\$ -		-	-
45	RT_ASM_REG	555.46	\$ -	\$ (1,398.63)	\$ -	\$ (1,398.63)		-	(45)
46	RT_ASM_SPIN	555.47	\$ 2,072.93	\$ (539.54)	\$ -	\$ 1,533.39		1,324	(91)
47	RT_ASM_SUPP	555.48	\$ -	\$ -	\$ -	\$ -		-	-
48	RT_ASM_NRGA	555.49	\$ 61.50	\$ (6.00)	\$ -	\$ 55.50		-	-
49	RT_ASM_EXE_DFE_DEP	555.50	\$ 138.59	\$ (0.02)	\$ 0.09	\$ 138.66		-	-
50	RT_ASM_CRDFC	555.51	\$ -	\$ -	\$ -	\$ -		-	-
51	RT_ASM_REG_DIST	555.52	\$ 10,252.44	\$ (60.67)	\$ 46.87	\$ 10,238.64		-	-
52	RT_ASM_SPIN_DIST	555.53	\$ 11,089.20	\$ (59.92)	\$ (1.53)	\$ 11,027.75		-	-
53	RT_ASM_SUPP_DIST	555.54	\$ 5,753.62	\$ (24.79)	\$ (7.59)	\$ 5,721.24		-	-

Otter Tail Power Company									
Detail of MISO Day 2 Charges by Charge Group for Current Month - System									
December 2015 includes any adjustments									
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)**	
Charge Type Description	Acct	Retail Debits	Retail Credits	Retail Adjustments	Net Retail	Net Intersystem	Total	Charge types with MWH for Retail	
54 RT ASM Non-Excessive Energy Amount	555.55	\$ 687,882.79	\$ (173,282.19)	\$ (124.14)	\$ 514,476.46			40,382	(10,331)
55 RT ASM Excessive Energy Amount	555.56	\$ 268.47	\$ (7.84)	\$ -	\$ 260.63			-	(18)
56 RT_ASM_MISC	555.25	\$ -	\$ -	\$ -	\$ -			-	-
57 <b>TOTAL</b>		<b>\$ 717,519.54</b>	<b>\$ (187,782.08)</b>	<b>\$ (86.30)</b>	<b>\$ 529,651.16</b>	<b>\$ -</b>	<b>\$ -</b>	<b>41,706</b>	<b>(16,571)</b>
<b>Grandfathered Charge Types</b>									
58 DA Congestion Rebate on COGA	555.05	\$ -	\$ -	\$ -	\$ -			-	-
59 DA Losses Rebate on COGA	555.06	\$ -	\$ -	\$ -	\$ -			-	-
60 DA Congestion Rebate on Option B GFA	555.07	\$ -	\$ -	\$ -	\$ -			-	-
61 DA Losses Rebate on Option B GFA	555.08	\$ -	\$ -	\$ -	\$ -			-	-
62 RT Congestion Rebate on COGA	555.22	\$ -	\$ -	\$ -	\$ -			-	-
63 RT Loss Rebate on COGA	555.23	\$ -	\$ -	\$ -	\$ -			-	-
64 <b>TOTAL</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>-</b>
...TRADE SECRET DATA ENDS]									
65 <b>TOTAL MISO DAY 2 CHARGES</b>		\$ 11,368,651.38	\$ (6,453,500.03)	\$ 34,943.24	\$ 4,950,094.59	\$ (318,837.82)	\$ 4,631,256.77	572,861	(325,430)
66 <b>Less: MISO RSG Bad Debt</b>									
67 <b>TOTAL FOR ND COST OF ENERGY ADJUSTMENT</b>		<b>\$ 11,368,651.38</b>	<b>\$ (6,453,500.03)</b>	<b>\$ 34,943.24</b>	<b>\$ 4,950,094.59</b>				
68 Net MISO Charges for Retail = (B) + (C) + (D)			\$ 4,950,094.59						
69 Net KWH for retail = ((G) + (H)) * 1,000			247,430,827					247,430,827	
70 December covers time period of 11/23/2015 -- 12/27/2015 ** increased for losses of 2.8%									
71 <b>MISO Book Totals</b>		\$ 4,915,151.35	247,430,827						
72 <b>MISO RSG Bad Debt</b>		\$ -							
73 <b>December Adjustments</b>		\$ 34,943.24	1,274,429						
74 <b>Total MISO</b>		<b>\$ 4,950,094.59</b>	<b>248,705,256</b>						

Otter Tail Power Company  
Plant Conditions for December 2015

Plant	Net MWh	Unit Availability	Equivalent Availability	Outage			Fuel Prices	
		%	%	Days	Type	Reason	%	Actual vs Budget
Big Stone	191,887	100.0	99.8				2.99	Over
Coyote	106,773	62.7	35.8	5.09	Scheduled	Wash Outage and "A" BFP Install	5.43	Over
				4.92	Scheduled	Extended Outage		
				1.55	Scheduled	Remove Strainers from "A" BFP		
Hoot Lake Unit 2	22,812	96.4	96.4	1.10	Scheduled	Tube Leak	26.8	Over
Hoot Lake Unit 3	0	100.0	100.0	0.00				