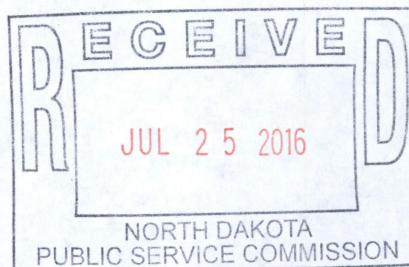


215 South Cascade Street  
PO Box 496  
Fergus Falls, Minnesota 56538-0496  
218 739-8200  
[www.otpco.com](http://www.otpco.com) (web site)



July 25, 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 June 30, 2016, the rate for the Energy Adjustment Rider is (\$0.00762) per kWh and Plant Reagent/Emissions is \$0.00048 per kWh. Otter Tail Power Company proposes to bill at these rates effective August 1, 2016.

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

Average costs from previous month's adjustment:	\$ .018090
Average costs from current month's adjustment:	\$ .020414
Difference – (Increase) Decrease:	(\$ .002324)

The net effect of this energy adjustment is to increase the rate by (\$.00232). The total resulting adjustment for the current billing period will then be (\$0.00762) per kWh.

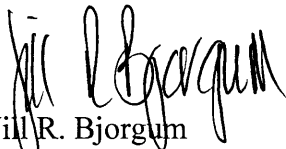
Information supporting the adjustments is enclosed. The costs reported in the supporting detail are based on the provisions of the Energy Adjustment Rider approved by the Commission on November 25, 2009, in Case No. PU-08-862. Effective with final rates in Case No. PU-08-862, the base cost of energy 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  
July 25, 2016  
Page Two

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

- 1) Calculation of the August 2016 Energy Adjustment Rider based on the four-month period ending June 2016.
- 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 June 2016 marked as Attachment E.

Sincerely,



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 AUGUST 1, 2016

1st of the Month  
 RATE LEVEL 50

Line		(A)	(B)	(C)	(D)	(E)
		2016 March	2016 April	2016 May	2016 June	Total This Period
<b>ENERGY COSTS &amp; CREDITS</b>						
1	Purchased Power	\$2,069,018	\$2,259,320	\$1,948,515	\$1,666,862	\$7,943,714
2	Wind Curtailment	\$27,993	\$20,204	\$59,843	\$11,134	\$119,174
3	Steam Plant Generation	\$4,798,828	\$2,917,177	\$2,305,323	\$4,454,850	\$14,476,178
4	Other Plant Generation	\$99,367	\$131,897	\$65,719	\$114,670	\$411,653
5	Hydro Plant Generation	\$0	\$0	\$0	\$0	\$0
6	Less: Intersystem Sales	(\$247,549)	(\$214,795)	(\$144,748)	(\$335,553)	(\$942,644)
7	Net Retail MISO Day 2	\$3,192,120	\$2,655,668	\$2,542,118	\$2,944,723	\$11,334,629
8	NET ENERGY COSTS	\$9,939,777	\$7,769,472	\$6,776,770	\$8,856,685	\$33,342,704
<b>ASSET-BASED MARGINS</b>						
		2016 May	2016 June	2016 July	2016 August	Total This Period
9	Forecast of Margins - 85%	\$0	\$0	(\$12,950)	(\$290)	(\$13,240)
10	True-up of prior months margin forecast	(\$10,396)	(\$25,157)	\$4,436	(\$81,545)	(\$112,662)
11	Total Margin Credit	(\$10,396)	(\$25,157)	(\$8,514)	(\$81,835)	(\$125,902)
12	Prior (over) under recovery (line 25)					(\$2,171,595)
13	Adjusted Net Energy Costs (line 8 + line 11 + line 12)					\$31,045,207
<b>ENERGY -- KWH</b>						
		2016 March	2016 April	2016 May	2016 June	Total This Period
14	Retail Sales - kWhs	434,673,233	397,375,784	349,198,168	339,534,110	1,520,781,295
15	Delivered Cost per kWh					\$0.020414
16	Base Cost per kWh					\$0.028030
17	Energy Cost Adjustment -- Per kWh					(\$0.00762)

**TRUE UP FOR JUNE**

18	Retail Sales (kWhs) (line 14, col D)	339,534,110
19	Net Energy Costs for the System -- Most recent month	\$8,831,528
20	Base Cost Recovered	\$9,517,141
21	Net to be Recovered from COE (line 19 - line 20)	(\$685,613)
22	COE Recovery Rate Effective for June	(\$0.00827)
23	Amount Recovered by COE (line 22 x line 18)	(\$2,807,947)
24	Over / (Under) Recovery (line 21 - line 23)	(\$2,122,334)
25	Cumulative Over / (Under) Recovery (prior month cumulative over/(under))	\$2,171,595

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

1st of the Month  
 RATE LEVEL 50

Line		(A) 2016 March	(B) 2016 April	(C) 2016 May	(D) 2016 June	(E) Total This Period
<b>REAGENTS COSTS &amp; CREDITS</b>						
1	Big Stone	\$90,476	\$119,205	\$103,747	\$145,321	\$458,749
2	Coyote	\$21,507	\$0	\$0	\$35,283	\$56,790
3	Hoot Lake	\$53,917	\$21,159	\$0	\$538	\$75,613
4	Hoot Lake Emissions Allowances	\$26,833	\$8,913	(\$40,098)	\$94	(\$4,258)
5	<b>NET REAGENTS COSTS</b>	<b>\$192,733</b>	<b>\$149,276</b>	<b>\$63,649</b>	<b>\$181,236</b>	<b>\$586,894</b>
6	Prior (over) under recovery (line 15)					<u>\$144,615</u>
7	Adjusted Net Reagents Costs (line 5 + line 6)					<u>\$731,509</u>
<b>ENERGY -- KWH</b>						
		2016 March	2016 April	2016 May	2016 June	Total This Period
8	Retail Sales - kWhs	434,673,233	397,375,784	349,198,168	339,534,110	1,520,781,295
9	Reagent Cost Adjustment -- Per kWh					\$0.00048
<b>TRUE UP FOR JUNE</b>						
10	Retail Sales (kWhs) (line 8, col D)					339,534,110
11	Net Reagent Costs for the System -- Most recent month					\$181,236
12	Reagent Cost Adjustment Effective for June					\$0.00063
13	Amount Recovered by Reagent (line 10 x line 12)					\$213,906
14	(Over) / Under Recovery (line 11 - line 13)					(\$32,671)
15	Cumulative (Over) / Under Recovery (prior month cumulative (over)/under)					\$144,615

Other Tail Power Company						
Monthly Detail of MISO Day 2 Charges by Charge Type for ND Energy Adjustment Rider - System						
June 2016 includes any adjustments						
No.	Charge Type Description	Acct	(B)		(E)	
			Total	Other	Total	Non-Energy Adj. Rider
		[PROTECTED DATA]	[PROTECTED DATA]	[PROTECTED DATA]	[PROTECTED DATA]	[PROTECTED DATA]
		BEGINS ...				BEGINS ...
1	DA Asset Energy Amount	555.02	\$ 3,330,488.37	\$ -	\$ 3,330,488.37	
2	DA Non-asset Energy Amount	555.09	\$ (83,135.15)	\$ -	\$ (83,135.15)	
3	DA Virtual Energy Amount	555.12	\$ -	\$ -	\$ -	
4	RT Asset Energy Amount	555.19	\$ (203,207.22)	\$ -	\$ (203,207.22)	
5	RT Non-Asset Energy Amount	555.26	\$ 235.83	\$ -	\$ 235.83	
6	RT Virtual Energy Amount	555.32	\$ -	\$ -	\$ -	
		... PROTECTED DATA ENDS				... PROTECTED DATA ENDS
7	<b>ENERGY CHARGES TOTAL</b>		<b>\$ 2,998,378.88</b>	<b>\$ 3,044,381.83</b>	<b>\$ -</b>	<b>\$ (46,002.95)</b>
		[PROTECTED DATA]	[PROTECTED DATA]	[PROTECTED DATA]	[PROTECTED DATA]	[PROTECTED DATA]
		BEGINS ...				BEGINS ...
8	DA Mkt Admin Amount	555.01	\$ 40,979.01	\$ -	\$ 40,979.01	
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	\$ -	\$ -	\$ -	
	DA Ramp Product	555.63	\$ (1,228.94)	\$ -	\$ (1,228.94)	
15	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	\$ 8,214.84	\$ -	\$ 8,214.84	
16	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	\$ (17,771.33)	\$ -	\$ (17,771.33)	
17	FTR Mkt Admin Amount	555.13	\$ 1,980.00	\$ -	\$ 1,980.00	
18	FTR Hourly Allocation Amount	555.14	\$ (132,031.27)	\$ -	\$ (132,031.27)	
19	FTR Monthly Allocation Amount	555.15	\$ (7,198.97)	\$ -	\$ (7,198.97)	
20	FTR Monthly Transaction Amount	555.16	\$ -	\$ -	\$ -	
21	FTR Yearly Allocation Amount	555.17	\$ -	\$ -	\$ -	
22	RT Mkt Admin Amount	555.18	\$ 4,871.20	\$ -	\$ 4,871.20	
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	\$ (38,605.39)	\$ -	\$ (38,605.39)	
28	RT Misc Amount	555.25	\$ 2,735.68	\$ -	\$ 2,735.68	
29	RT Net Inadvertent Amount	555.27	\$ 35,929.14	\$ -	\$ 35,929.14	
	RT Ramp Product	555.64	\$ 159.53	\$ -	\$ 159.53	
30	RT Revenue Neutrality Uplift Amount	555.28	\$ (16,712.92)	\$ -	\$ (16,712.92)	
31	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29	\$ 15,647.98	\$ -	\$ 15,647.98	
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	\$ (3,430.01)	\$ -	\$ (3,430.01)	
35	FTR Guarantee Uplift Amount	555.37	\$ 3,342.37	\$ -	\$ 3,342.37	
36	FTR Auction Revenue Rights Transaction Amount	555.39	\$ (149,732.21)	\$ -	\$ (149,732.21)	
37	FTR Annual Transaction Amount	555.38	\$ 149,815.05	\$ -	\$ 149,815.05	
38	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	\$ 7,591.90	\$ -	\$ 7,591.90	
39	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	\$ (29,893.98)	\$ -	\$ (29,893.98)	
40	RT Price Volatility Make Whole Payment	555.42	\$ (17,222.23)	\$ -	\$ (17,222.23)	
41	DA_ASM_REG	555.43	\$ (33,164.22)	\$ -	\$ (33,164.22)	

Offer Tail Power Company											
Monthly Detail of MISO Day 2 Charges by Charge Type for ND Energy Adjustment Rider - System											
June 2016 includes any adjustments											
No.	Charge Type Description	Acct	(B)		(C)		(D)		(E)		(F)
		Total	Retail	Energy Adjustment Rider	Other	Total	Non-Energy Adj. Rider				
42	DA_ASM_SPIN	555.44	\$ (18,172.17)	\$ -	\$ -	\$ (18,172.17)	\$ -	\$ -	\$ -	\$ -	\$ -
43	DA_ASM_SUPP	555.45	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
44	RT_ASM_REG	555.46	\$ (4,565.41)	\$ -	\$ -	\$ (4,565.41)	\$ -	\$ -	\$ -	\$ -	\$ -
45	RT_ASM_SPIN	555.47	\$ 11,109.26	\$ -	\$ -	\$ 11,109.26	\$ -	\$ -	\$ -	\$ -	\$ -
46	RT_ASM_SUPP	555.48	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
47	RT_ASM_NRGA	555.49	\$ 736.08	\$ -	\$ -	\$ 736.08	\$ -	\$ -	\$ -	\$ -	\$ -
48	RT_ASM_EXE_DFE_DEP	555.50	\$ 2,418.08	\$ -	\$ -	\$ 2,418.08	\$ -	\$ -	\$ -	\$ -	\$ -
49	RT_ASM_CRDFC	555.51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
50	RT_ASM_REG_DIST	555.52	\$ 6,171.14	\$ -	\$ -	\$ 6,171.14	\$ -	\$ -	\$ -	\$ -	\$ -
51	RT_ASM_SPIN_DIST	555.53	\$ 12,421.06	\$ -	\$ -	\$ 12,421.06	\$ -	\$ -	\$ -	\$ -	\$ -
52	RT_ASM_SUPP_DIST	555.54	\$ 3,026.20	\$ -	\$ -	\$ 3,026.20	\$ -	\$ -	\$ -	\$ -	\$ -
53	RT_ASM Non-Excessive Energy Amount	555.55	\$ 62,894.17	\$ -	\$ -	\$ 62,894.17	\$ -	\$ -	\$ -	\$ -	\$ -
54	RT_ASM Excessive Energy Amount	555.56	\$ 26.59	\$ -	\$ -	\$ 26.59	\$ -	\$ -	\$ -	\$ -	\$ -
55	RT_ASM_MISC	555.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
56	RT Demand Response Allocation Uplift Amount	555.59	\$ 0.66	\$ -	\$ -	\$ 0.66	\$ -	\$ -	\$ -	\$ -	\$ -
		... PROTECTED	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		... PROTECTED	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		DATA ENDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		DATA ENDS	\$ (485,356.97)	\$ (99,659.11)	\$ -	\$ (99,659.11)	\$ -	\$ -	\$ (99,659.11)	\$ (385,697.86)	\$ -
		ENERGY CHARGES TOTAL	\$ 2,513,021.91	\$ 2,944,722.72	\$ -	\$ 2,944,722.72	\$ -	\$ -	\$ 2,944,722.72	\$ (431,700.81)	\$ -
		TOTAL MISO DAY 2 CHARGES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Less: MISO RSG Bad Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		TOTAL FOR ND COST OF ENERGY ADJUSTMENT	\$ 2,513,021.91	\$ 2,944,722.72	\$ -	\$ 2,944,722.72	\$ -	\$ -	\$ 2,944,722.72	\$ (431,700.81)	\$ -

Other Tall Power Company  
Monthly MISD Day 2 Charges for ND Energy Adjustment Rider - System  
Includes Any Adjustments

NO.	Day Ahead & Real Time Asset & Non Asset Energy & Loss	Acct	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	YEAR TO DATE
1	DA Asset Energy Amount	555.02	\$ 4,081,461.32	\$ 3,882,176.22	\$ 2,579,646.39	\$ 2,841,682.43	\$ 3,056,383.89	\$ 3,330,488.37							\$ 19,773,841.62
2	DA FBT Loss Amount	555.04													\$ -
3	DA Non-Asset Energy Amount	555.09	\$ (86,435.60)	\$ (100,875.05)	\$ (79,254.31)	\$ (72,736.13)	\$ (72,736.13)	\$ (83,135.15)							\$ (484,141.50)
4	RT Asset Energy Amount	555.19	\$ (513,278.97)	\$ (592,773.28)	\$ (596,281.20)	\$ (587,474.47)	\$ (489,474.47)	\$ (203,202.22)							\$ (1,390,434.43)
5	RT Distribution of Losses Amount	555.24	\$ (219,744.01)	\$ (276,609.61)	\$ (30,231.62)	\$ (26,200.84)	\$ (57,545.59)	\$ (39,605.39)							\$ (648,937.06)
6	RT FBT Loss Amount	555.21													\$ -
7	Non-Asset Energy Amount	555.26	\$ 3,282,001.54	\$ 3,911,921.27	\$ 3,066,441.66	\$ 2,554,183.78	\$ 2,439,660.77	\$ 3,065,776.44							\$ 17,240,584.46
8	Virtual Energy	555.12													\$ -
9	DA Virtual Energy Amount	555.32													\$ -
10	RT Virtual Energy Amount	555.32													\$ -
11	TOTAL														\$ -
12	Schedules 16 & 17														\$ -
13	DA Mkt Admin Amount	555.01	\$ 53,761.50	\$ 66,895.63	\$ 52,634.44	\$ 41,352.68	\$ 42,380.95	\$ 40,979.01							\$ 288,014.21
14	RT Mkt Admin Amount	555.18	\$ 4,846.72	\$ 6,446.46	\$ 4,813.72	\$ 5,367.09	\$ 4,871.20	\$ 30,630.12							\$ 60,930.12
15	RT Mkt Admin Amount	555.13	\$ 1,372.76	\$ 1,866.24	\$ 1,900.88	\$ 2,115.84	\$ 1,980.00	\$ 1,980.00							\$ 11,093.36
16	TOTAL		\$ 59,881.98	\$ 75,218.33	\$ 61,359.08	\$ 49,832.24	\$ 47,830.21	\$ 47,830.21							\$ 339,737.69
17	Congest & FTR														\$ -
18	DA FBT Congestion Amount	555.03													\$ -
19	RT FBT Congestion Amount	555.20	\$ (62,487.66)	\$ (139,273.02)	\$ (53,793.99)	\$ (103,325.04)	\$ (21,572.62)	\$ (132,031.27)							\$ (542,463.60)
20	FTR Hourly Allocation Amount	555.14	\$ (23,303.37)	\$ (3,151.56)	\$ (6,546.81)	\$ (8,197.64)	\$ (7,623.39)	\$ (7,198.97)							\$ (66,003.76)
21	FTR Monthly Allocation Amount	555.17	\$ (5,024.40)	\$ (3,956.35)	\$ (1,651.41)	\$ (36,489.21)	\$ (46,029.31)	\$ (4,450.01)							\$ (61,476.28)
22	FTR Full Year Transaction Amount	555.36	\$ (20,485.96)	\$ (3,103.36)	\$ (2,049.66)	\$ (31,684.13)	\$ (4,132.31)	\$ (3,342.37)							\$ (44,689.42)
23	FTR Guarantee Uplift Amount	555.37	\$ (20,897.27)	\$ 3,103.36	\$ (2,049.66)	\$ (31,684.13)	\$ (4,132.31)	\$ (3,342.37)							\$ (43,865.39)
24	FTR Auction Revenue Rights Transaction Amount	555.38	\$ (228,588.51)	\$ (228,588.51)	\$ (176,214.38)	\$ (176,214.38)	\$ (149,732.21)	\$ (1,317,163.37)							\$ (1,317,163.37)
25	FTR Annual Transaction Amount	555.39	\$ (228,588.51)	\$ (228,588.51)	\$ (176,214.38)	\$ (176,214.38)	\$ (149,732.21)	\$ (1,317,163.37)							\$ (1,317,163.37)
26	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	\$ 5,664.89	\$ 5,664.89	\$ 2,666.42	\$ 2,666.42	\$ 2,666.42	\$ 2,591.90							\$ 26,929.84
27	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	\$ (33,802.51)	\$ (33,802.51)	\$ (34,663.92)	\$ (34,663.92)	\$ (34,663.92)	\$ (28,883.98)							\$ (201,530.96)
28	TOTAL		\$ (148,574.42)	\$ (173,906.97)	\$ (94,188.64)	\$ (164,372.79)	\$ (108,921.64)	\$ (181,537.12)							\$ (870,301.69)
29	REG & Make Whole Payments														\$ -
30	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	\$ 11,535.28	\$ 12,760.55	\$ 9,361.29	\$ 7,418.41	\$ 14,170.18	\$ 8,214.84							\$ 63,520.55
31	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	\$ (5,711.42)	\$ (15,877.85)	\$ (8,898.64)	\$ (18,304.26)	\$ (17,771.33)	\$ (52,848.79)							\$ (32,848.79)
32	RT Revenue Sufficiency Guarantee First Pass Distribution Amo	555.29	\$ 10,711.42	\$ 1,538.48	\$ 4,892.45	\$ 13,730.96	\$ 5,939.73	\$ 15,647.88							\$ 52,467.02
33	RT Price Volatility Make Whole Payment	555.42	\$ (8,202.36)	\$ (12,596.53)	\$ (12,865.65)	\$ (22,312.46)	\$ (28,772.23)	\$ (17,222.23)							\$ (101,963.66)
34	TOTAL		\$ 14,046.83	\$ (14,137.35)	\$ 498.28	\$ (11,133.09)	\$ (26,966.69)	\$ (11,100.74)							\$ (101,963.66)
35	Revenue Neutrality Uplift														\$ -
36	RT Revenue Neutrality Uplift Amount	555.28	\$ 70,224.46	\$ 87,865.53	\$ (48,366.01)	\$ 23,989.42	\$ 124,494.39	\$ (18,712.92)							\$ 221,497.87
37	Other Charges														\$ -
38	RT Make Amount	555.25	\$ 118,010.78	\$ 12,458.18	\$ 3,307.60	\$ 2,765.59	\$ 6,528.56	\$ 3,735.68							\$ 168,416.39
39	RT Unincurred Dividends Amount	555.31	\$ (15,862.55)	\$ 2,236.19	\$ 80,872.73	\$ 2,966.84	\$ (69,659.58)	\$ 35,929.14							\$ 47,282.87
40	RT Demand Response Allocation Uplift Amount	555.69													\$ 0.66
41	DA Ramp Product Amount	555.63													\$ -
42	RT Ramp Product Amount	555.64													\$ -
43	TOTAL		\$ 100,148.23	\$ 14,694.37	\$ 83,980.33	\$ 30,342.53	\$ (62,326.80)	\$ 37,596.07							\$ 214,435.64
44	ASB Charges														\$ -
45	DA_ASM_REG	555.43													\$ -
46	DA_ASM_SPIN	555.44	\$ (7,343.78)	\$ (7,534.16)	\$ (16,693.42)	\$ (20,787.68)	\$ (19,054.88)	\$ (18,172.17)							\$ (89,475.89)
47	RT_ASM_SUPP	555.45													\$ -
48	RT_ASM_REG	555.47	\$ (443.19)	\$ (886.27)	\$ (4,382.47)	\$ (7,376.50)	\$ (6,777.80)	\$ (4,585.41)							\$ (24,431.64)
49	RT_ASM_SPIN	555.48	\$ 21.16	\$ (1,780.18)	\$ (2,286.26)	\$ (1,894.73)	\$ 2,200.10	\$ 11,109.26							\$ 7,367.35
50	RT_ASM_NREGA	555.49													\$ -
51	RT_ASM_EXE_DFE_DEP	555.51	\$ 17.08	\$ 6.39	\$ 91.86	\$ 92.44	\$ 14.10	\$ 736.09							\$ 857.95
52	RT_ASM_CRDPC	555.50	\$ 71.79	\$ 32.39	\$ 296.95	\$ 2,153.69	\$ 1,087.58	\$ 2,418.08							\$ 6,073.72
53	RT_ASM_REG_DIST	555.52													\$ -
54	RT_ASM_SPIN_DIST	555.53	\$ 6,687.19	\$ 8,012.62	\$ 7,821.11	\$ 8,558.84	\$ 10,713.58	\$ 6,171.14							\$ 47,964.48
55	RT_ASM_SUPP_DIST	555.54	\$ 8,454.56	\$ 6,111.02	\$ 9,847.37	\$ 11,473.50	\$ 11,978.39	\$ 12,421.06							\$ 62,285.90
56	RT_ASM_Non-Excessive Energy Amount	555.55	\$ 3,787.46	\$ 3,504.22	\$ 3,874.29	\$ 3,706.60	\$ 3,035.40	\$ 3,026.20							\$ 21,534.17
57	RT_ASM_Over-Recovery Energy Amount	555.56	\$ (193.05)	\$ 304.28	\$ 4.06	\$ (62.76)	\$ 26.99	\$ (39.24)							\$ -
58	TOTAL		\$ 586,476.05	\$ 336,472.27	\$ 124,934.21	\$ 183,197.15	\$ 114,892.23	\$ 42,900.78							\$ 1,388,285.69
59	GrandRebate Charge Types														\$ -
60	DA Congestion Rebate on COGA	555.05													\$ -
61	DA Losses Rebate on COGA	555.06													\$ -
62	DA Congestion Rebate on Option B GFA	555.07													\$ -
63	DA Losses Rebate on Option B GFA	555.08													\$ -
64	RT Congestion Rebate on COGA	555.22													\$ -
65	RT Loss Rebate on COGA	555.23													\$ -
66	TOTAL														\$ -
67	TOTAL MISD DAY 2 CHARGES - Energy Adjustment Rider		\$ 3,943,302.47	\$ 3,218,245.45	\$ 3,192,120.05	\$ 2,655,868.24	\$ 2,542,117.96	\$ 2,944,722.72							\$ 18,696,174.89
68	Less: MISD RSG Bad Debt														\$ -
69	TOTAL FOR MIN ENERGY ADJUSTMENT RIDER		\$ 3,943,302.47	\$ 3,218,245.45	\$ 3,192,120.05	\$ 2,655,868.24	\$ 2,542,117.96	\$ 2,944,722.72							\$ 18,696,174.89

... TRADE SECRET DATA ENDS

Offer Tail Power Company Monthly MISO Day 2 Charges for ND Non-Energy Adjustment Rider - System January - December 2016 Includes Any Adjustments																
NO.	DAY	ACCT	CHARGE TYPE DESCRIPTION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	YEAR TO DATE
PROTECTED 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													(100,381.16)
<b>Virtual Energy</b>																
9	DA	Virtual Energy Amount	555.12													
10	RT	Virtual Energy Amount	555.32													
<b>TOTAL</b>																
<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													
<b>Compass &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	Annual Revenue Rights Transaction Amount	555.39													
25	FTR	Auction Revenue Rights Infeasible Uplift Amount	555.38													
26	FTR	Auction Revenue Rights Stage 2 Distribution Amount	555.40													
27	FTR	Auction Revenue Rights Stage 2 Distribution Amount	555.41													
<b>TOTAL</b>																(46.34)
<b>REG &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													
<b>TOTAL</b>																(59,278.47)
<b>Revenue Neutrality Uplift</b>																
35	RT	Revenue Neutrality Uplift Amount	555.28													
<b>TOTAL</b>																4,941.14
<b>Other Charges</b>																
37	RT	Misc Amount	555.25													
38	RT	Unintended Overlap Amount	555.27													
39	RT	Unintended Derivation Amount	555.21													
40	RT	Demand Response Allocation Uplift Amount	555.59													
41	RT	Temp Product Amount	555.83													
42	RT	Temp Product Amount	555.84													
<b>TOTAL</b>																(714.55)
<b>ASM Charges</b>																
44	DA	ASM_REG	555.43													
45	DA	ASM_SPIN	555.44													
46	DA	ASM_SUPP	555.45													
47	RT	ASM_REG	555.46													
48	RT	ASM_SPIN	555.47													
49	RT	ASM_SUPP	555.48													
50	RT	ASM_NRGA	555.49													
51	RT	ASM_EXE_DFE_DEP	555.50													
52	RT	ASM_CRDFC	555.51													
53	RT	ASM_REG_DIST	555.52													
54	RT	ASM_SPIN_DIST	555.53													
55	RT	ASM_SUPP_DIST	555.54													
56	RT	ASM Non-Excessive Energy Amount	555.55													
57	RT	ASM Excessive Energy Amount	555.56													
58	RT	ASM_MISC	555.25													
<b>TOTAL</b>																(1,508,255.40)
<b>Grandfathered Charge Types</b>																
60	DA	Congestion Rebate on COGA	555.05													
61	DA	Losses Rebate on COGA	555.06													
62	DA	Congestion Rebate on Option B GFA	555.07													
63	DA	Losses Rebate on Option B GFA	555.08													
64	RT	Congestion Rebate on COGA	555.22													
65	RT	Losses Rebate on COGA	555.23													
<b>TOTAL</b>																.. PROTECTED DATA ENDS
<b>TOTAL MISO DAY 2 CHARGES - Non-Energy Adjustment Rider</b>				(252,246.82)	(331,587.83)	(259,407.15)	(244,244.86)	(139,615.12)	(431,700.81)	(431,700.81)						
<b>TOTAL FOR ND NON-ENERGY ADJUSTMENT RIDER</b>				(252,246.82)	(331,587.83)	(259,407.15)	(244,244.86)	(139,615.12)	(431,700.81)	(431,700.81)						



Otter Tail Power Company									
Detail of MISO Day 2 Charges by Charge Group for Current Month - System									
June 2016 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 MMH for Retail	
53 RT_ASM_SUPP_DIST	555.54	\$ 3,137.40	\$ (89.31)	\$ (21.89)	\$ 3,026.20				
54 RT_ASM Non-Excessive Energy Amount	555.55	\$ 386,910.30	\$ (324,016.13)	\$ -	\$ 62,894.17			22,182	(17,582)
55 RT_ASM Excessive Energy Amount	555.56	\$ 79.82	\$ (53.23)	\$ -	\$ 26.59			5	(16)
56 RT_ASM_MISC	555.25	\$ -	\$ -	\$ -	\$ -				
57 <b>TOTAL</b>		\$ 442,731.74	\$ (399,191.69)	\$ (639.27)	\$ 42,900.78	\$ -	\$ -	26,321	(26,879)
<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>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
65 <b>TOTAL MISO DAY 2 CHARGES</b>		\$ 8,187,073.86	\$ (5,226,471.57)	\$ (15,879.57)	\$ 2,944,722.72	\$ -	\$ -	399,961	(249,367)
66 <b>Less: MISO RSG Bad Debt</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
67 <b>TOTAL FOR ND COST OF ENERGY ADJUSTMENT</b>		\$ 8,187,073.86	\$ (5,226,471.57)	\$ (15,879.57)	\$ 2,944,722.72	\$ -	\$ -		
68 Net MISO Charges for Retail = (B) + (C) + (D)		\$ -	\$ 2,944,722.72						
69 Net KWH for retail = ((G) + (H)) * 1,000			\$ 150,594,694						150,694,694
70 June covers time period of 5/24/2016 - 6/22/2016 ** increased for losses of 2.8%									
71 <b>MISO Book Totals</b>		\$ 2,960,602.29	\$ 150,594,694						
72 <b>MISO RSG Bad Debt</b>		\$ -	\$ (2,387,480)						
73 <b>June Adjustments</b>		\$ (15,879.57)	\$ (2,387,480)						
74 <b>Total MISO</b>		\$ 2,944,722.72	\$ 148,207,214						

... PROTECTED DATA ENDS

Otter Tail Power Company  
Plant Conditions for June 2016

Plant	Net MWh	Unit Availability		Equivalent Availability %	Outage			Fuel Prices		
		%			Days	Type	Reason	%	Actual vs Budget	
Big Stone	204,152	100.0		98.2					0.56	Under
Coyote	187,156	69.5		59.1	1.62	Forced	Windbox Leak		5.48	Over
					1.22	Forced	MFT Air Flow Fixing Boiler Door			
					6.31	Scheduled	Extended Outage			
Hoot Lake Unit 2	346	94.7		94.7	2.17	Scheduled	Ductwork repair and tube leak repair	6.58	Over	
Hoot Lake Unit 3	394	92.8		92.8	2.12	Scheduled	Tube lead and insulation repairs	6.74	Over	