

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



November 22, 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 October 31, 2016, the rate for the Energy Adjustment Rider is (\$0.00446) per kWh and Plant Reagent/Emissions is \$0.00043 per kWh. Otter Tail Power Company (Otter Tail) proposes to bill at these rates effective December 1, 2016.

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

Average costs from previous month's adjustment:	\$.021915
Average costs from current month's adjustment:	\$.023575
Difference – (Increase) Decrease:	(\$.001660)

The net effect of this energy adjustment is to increase the rate by (\$.00166). The total resulting adjustment for the current billing period will then be (\$0.00446) 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
November 22, 2016
Page Two

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

- 1) Calculation of the December 2016 Energy Adjustment Rider based on the four-month period ending October 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's Plant Conditions for October 2016 marked as Attachment E.

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 DECEMBER 1, 2016

1st of the Month
 RATE LEVEL 50

Line	ENERGY COSTS & CREDITS	(A)	(B)	(C)	(D)	(E)
		2016 July	2016 August	2016 September	2016 October	Total This Period
1	Purchased Power	\$1,332,609	\$1,676,892	\$1,862,788	\$1,962,401	\$6,834,691
2	Wind Curtailment	\$3,663	\$7,275	\$13,767	\$14,149	\$38,854
3	Steam Plant Generation	\$5,740,407	\$5,060,233	\$3,524,241	\$2,868,969	\$17,193,850
4	Other Plant Generation	\$165,666	\$250,852	\$47,650	\$77,424	\$541,592
5	Hydro Plant Generation	\$0	\$0	\$0	\$0	\$0
6	Less: Intersystem Sales	(\$408,387)	(\$298,915)	(\$578,065)	(\$213,090)	(\$1,498,457)
7	Net Retail MISO Day 2	\$1,036,870	\$1,713,564	\$2,607,442	\$4,611,638	\$9,969,514
8	NET ENERGY COSTS	\$7,870,828	\$8,409,902	\$7,477,823	\$9,321,490	\$33,080,043
<u>ASSET-BASED MARGINS</u>		2016 September	2016 October	2016 November	2016 November	Total This Period
9	Forecast of Margins - 85%	(\$411)	\$0	\$0	\$0	(\$411)
10	True-up of prior months margin forecast	(\$64,197)	(\$79,710)	(\$110,402)	(\$5,135)	(\$259,444)
11	Total Margin Credit	(\$64,608)	(\$79,710)	(\$110,402)	(\$5,135)	(\$259,855)
12	Prior (over) under recovery (line 25)					\$1,153,682
13	Adjusted Net Energy Costs (line 8 + line 11 + line 12)					\$33,973,870
<u>ENERGY -- KWH</u>		2016 July	2016 August	2016 September	2016 October	Total This Period
14	Retail Sales - kWhs	350,538,731	379,347,773	375,593,753	335,616,423	1,441,096,680
15	Delivered Cost per kWh					\$0.023575
16	Base Cost per kWh					\$0.028030
17	Energy Cost Adjustment -- Per kWh					(\$0.00446)

TRUE UP FOR OCTOBER

18	Retail Sales (kWhs) (line 14, col D)	335,616,423
19	Net Energy Costs for the System -- Most recent month	\$9,241,780
20	Base Cost Recovered	\$9,407,328
21	Net to be Recovered from COE (line 19 - line 20)	(\$165,548)
22	COE Recovery Rate Effective for Octobe	(\$0.00575)
23	Amount Recovered by COE (line 22 x line 18)	(\$1,929,794)
24	Over / (Under) Recovery (line 21 - line 23)	(\$1,764,246)
25	Cumulative Over / (Under) Recovery (prior month cumulative over/(under))	(\$1,153,682)

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

1st of the Month
 RATE LEVEL 50

		(A)	(B)	(C)	(D)	(E)
		2016	2016	2016	2016	Total
<u>REAGENTS COSTS & CREDITS</u>		<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>This Period</u>
<u>Line</u>						
1	Big Stone	\$164,737	\$163,609	\$110,253	\$22,145	\$460,745
2	Coyote	\$39,930	\$38,576	\$22,986	\$26,048	\$127,540
3	Hoot Lake	\$6,198	\$14,861	\$3,429	\$5,442	\$29,929
4	Hoot Lake Emissions Allowances	\$1,155	\$0	\$0	\$0	\$1,155
5	NET REAGENTS COSTS	\$212,021	\$217,046	\$136,667	\$53,635	\$619,370
6	Prior (over) under recovery (line 15)					(\$4,626)
7	Adjusted Net Reagents Costs (line 5 + line 6)					<u>\$614,743</u>
<u>ENERGY -- KWH</u>		<u>2016</u>	<u>2016</u>	<u>2016</u>	<u>2016</u>	<u>Total</u>
		<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>This Period</u>
8	Retail Sales - kWhs	350,538,731	379,347,773	375,593,753	335,616,423	1,441,096,680
9	Reagent Cost Adjustment -- Per kWh					\$0.00043
TRUE UP FOR OCTOBER						
10	Retail Sales (kWhs) (line 8, col D)					335,616,423
11	Net Reagent Costs for the System -- Most recent month					\$53,635
12	Reagent Cost Adjustment Effective for October					\$0.00063
13	Amount Recovered by Reagent (line 10 x line 12)					\$211,438
14	(Over) / Under Recovery (line 11 - line 13)					(\$157,803)
15	Cumulative (Over) / Under Recovery (prior month cumulative (over)/under)					(\$4,626)

Otter Tail Power Company						
Monthly Detail of MISO Day 2 Charges by Charge Type for ND Energy Adjustment Rider - System						
October 2016 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
			[PROTECTED DATA BEGINS ...]			[PROTECTED DATA BEGINS ...]
1	DA Asset Energy Amount	555.02		\$ 3,792,704.58	\$ -	\$ 3,792,704.58
2	DA Non-asset Energy Amount	555.09		\$ (112,909.66)	\$ -	\$ (112,909.66)
3	DA Virtual Energy Amount	555.12		\$ -	\$ -	\$ -
4	RT Asset Energy Amount	555.19		\$ 1,302,100.40	\$ -	\$ 1,302,100.40
5	RT Non-Asset Energy Amount	555.26		\$ 21.73	\$ -	\$ 21.73
6	RT Virtual Energy Amount	555.32		\$ -	\$ -	\$ -
			... PROTECTED DATA ENDS]			... PROTECTED DATA ENDS]
7	ENERGY CHARGES TOTAL		\$ 4,953,623.90	\$ 4,981,917.05	\$ -	\$ 4,981,917.05
			[PROTECTED DATA BEGINS ...]			[PROTECTED DATA BEGINS ...]
8	DA Mkt Admin Amount	555.01		\$ 39,794.27	\$ -	\$ 39,794.27
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 Ramp Product	555.63		\$ (1,166.68)	\$ -	\$ (1,166.68)
16	DA Revenue Sufficiency Guarantee Distribution Amount	555.10		\$ 10,260.25	\$ -	\$ 10,260.25
17	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11		\$ (9,507.73)	\$ -	\$ (9,507.73)
18	FTR Mkt Admin Amount	555.13		\$ 946.08	\$ -	\$ 946.08
19	FTR Hourly Allocation Amount	555.14		\$ (243,190.47)	\$ -	\$ (243,190.47)
20	FTR Monthly Allocation Amount	555.15		\$ (40,656.80)	\$ -	\$ (40,656.80)
21	FTR Monthly Transaction Amount	555.35		\$ (54,950.41)	\$ -	\$ (54,950.41)
22	FTR Yearly Allocation Amount	555.17		\$ -	\$ -	\$ -
23	RT Mkt Admin Amount	555.18		\$ 2,126.42	\$ -	\$ 2,126.42
24	RT FBT Congestion Amount	555.20		\$ -	\$ -	\$ -
25	RT FBT Loss Amount	555.21		\$ -	\$ -	\$ -
26	RT Congestion Rebate on COGA	555.22		\$ -	\$ -	\$ -
27	RT Loss Rebate on COGA	555.23		\$ -	\$ -	\$ -
28	RT Distribution of Losses Amount	555.24		\$ (137,224.80)	\$ -	\$ (137,224.80)
29	RT Misc Amount	555.25		\$ 8,892.51	\$ -	\$ 8,892.51
30	RT Net Inadvertent Amount	555.27		\$ 37,292.55	\$ -	\$ 37,292.55
31	RT Ramp Product	555.64		\$ (4.79)	\$ -	\$ (4.79)
32	RT Revenue Neutrality Uplift Amount	555.28		\$ 54,662.43	\$ -	\$ 54,662.43
33	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29		\$ 13,422.55	\$ -	\$ 13,422.55
34	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30		\$ -	\$ -	\$ -
35	RT Uninstructed Deviation Amount	555.31		\$ -	\$ -	\$ -
36	FTR Full Funding Guarantee Amount	555.36		\$ 1,168.64	\$ -	\$ 1,168.64
37	FTR Guarantee Uplift Amount	555.37		\$ (3,020.80)	\$ -	\$ (3,020.80)
38	FTR Auction Revenue Rights Transaction Amount	555.39		\$ (211,322.16)	\$ -	\$ (211,322.16)
39	FTR Annual Transaction Amount	555.38		\$ 211,400.15	\$ -	\$ 211,400.15
40	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40		\$ 9,125.41	\$ -	\$ 9,125.41
41	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41		\$ (22,308.82)	\$ -	\$ (22,308.82)
42	RT Price Volatility Make Whole Payment	555.42		\$ (19,892.21)	\$ -	\$ (19,892.21)
43	DA_ASM_REG	555.43		\$ (2,086.02)	\$ -	\$ (2,086.02)

Otter Tail Power Company							
Monthly Detail of MISO Day 2 Charges by Charge Type for ND Energy Adjustment Rider - System							
October 2016 includes any adjustments							
No.	Charge Type Description	(A)	(B)	(C) (D)		(E)	(F)
		Acct	Total	Energy Adjustment Rider		Total	Non-Energy Adj. Rider
				Retail	Other		
44	DA_ASM_SPIN	555.44		\$ (19,654.28)	\$ -	\$ (19,654.28)	
45	DA_ASM_SUPP	555.45		\$ -	\$ -	\$ -	
46	RT_ASM_REG	555.46		\$ (3,854.99)	\$ -	\$ (3,854.99)	
47	RT_ASM_SPIN	555.47		\$ 5,578.14	\$ -	\$ 5,578.14	
48	RT_ASM_SUPP	555.48		\$ -	\$ -	\$ -	
49	RT_ASM_NRGA	555.49		\$ (112.01)	\$ -	\$ (112.01)	
50	RT_ASM_EXE_DFE_DEP	555.50		\$ 198.84	\$ -	\$ 198.84	
51	RT_ASM_CRDFC	555.51		\$ -	\$ -	\$ -	
52	RT_ASM_REG_DIST	555.52		\$ 15,141.58	\$ -	\$ 15,141.58	
53	RT_ASM_SPIN_DIST	555.53		\$ 20,336.14	\$ -	\$ 20,336.14	
54	RT_ASM_SUPP_DIST	555.54		\$ 8,779.63	\$ -	\$ 8,779.63	
55	RT ASM Non-Excessive Energy Amount	555.55		\$ (44,969.38)	\$ -	\$ (44,969.38)	
56	RT ASM Excessive Energy Amount	555.56		\$ 2,395.92	\$ -	\$ 2,395.92	
57	RT_ASM_MISC	555.25		\$ 2,121.58	\$ -	\$ 2,121.58	
58	RT Demand Response Allocation Uplift Amount	555.59		\$ -	\$ -	\$ -	
			... PROTECTED DATA ENDS]				... PROTECTED DATA ENDS]
59	ENERGY CHARGES TOTAL		\$ (561,317.84)	\$ (370,279.26)	\$ -	\$ (370,279.26)	\$ (191,038.58)
60	TOTAL MISO DAY 2 CHARGES		\$ 4,392,306.06	\$ 4,611,637.79	\$ -	\$ 4,611,637.79	\$ (219,331.73)
61	Less: MISO RSG Bad Debt		\$ -	\$ -		\$ -	\$ -
62	TOTAL FOR ND COST OF ENERGY ADJUSTMENT		\$ 4,392,306.06	\$ 4,611,637.79		\$ 4,611,637.79	\$ (219,331.73)

Otter Tail Power Company Monthly MISO Day 2 Charges for ND Non-Energy Adjustment Rider - System January - December 2016 Includes Any Adjustments															
No.	Charge Type Description	Acct	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	YEAR TO DATE
Day Ahead & Real Time Asset & Non Asset Energy & Loss			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													
8	TOTAL		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	(743,433.99)
Virtual Energy															
9	DA Virtual Energy Amount	555.12													
10	RT Virtual Energy Amount	555.32													
11	TOTAL		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Schedules 16 & 17															
12	DA Mkt Admin Amount	555.01													
13	RT Mkt Admin Amount	555.18													
14	FTR Mkt Admin Amount	555.13													
15	TOTAL		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	11,817.14
Congest & FTRs															
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	TOTAL		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	(46.34)
RSG & Make Whole Payments															
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	TOTAL		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	(157,472.55)
Revenue Neutrality Uplift															
35	RT Revenue Neutrality Uplift Amount	555.28													
36	TOTAL		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	15,176.88
Other Charges															
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	DA Ramp Product Amount	555.63													
42	RT Ramp Product Amount	555.64													
43	TOTAL		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	(714.54)
ASM Charges															
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													
59	TOTAL		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	(2,604,963.80)
Grandfathered 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		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
. . . PROTECTED DATA ENDS]															
67	TOTAL MISO DAY 2 CHARGES - Non-Energy Adjustment Rider		\$ (252,246.82)	\$ (331,587.83)	\$ (259,407.15)	\$ (244,244.86)	\$ (139,615.12)	\$ (431,700.81)	\$ (499,407.18)	\$ (393,205.70)	\$ (708,890.00)	\$ (219,331.73)	\$ -	\$ -	\$ (3,479,637.20)
68	TOTAL FOR ND NON-ENERGY ADJUSTMENT RIDER		\$ (252,246.82)	\$ (331,587.83)	\$ (259,407.15)	\$ (244,244.86)	\$ (139,615.12)	\$ (431,700.81)	\$ (499,407.18)	\$ (393,205.70)	\$ (708,890.00)	\$ (219,331.73)	\$ -	\$ -	\$ (3,479,637.20)

Otter Tail Power Company Detail of MISO Day 2 Charges by Charge Group for Current Month - System October 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 MWH for Retail
No.	Day Ahead & Real Time Asset & Non Asset Energy & Loss								[PROTECTED DATA BEGINS ...]
1	DA Asset Energy Amount	555.02	\$ 6,988,633.06	\$ (3,195,928.48)	\$ -	\$ 3,792,704.58			353,046 (193,132)
2	DA FBT Loss Amount	555.04	\$ -	\$ -	\$ -	\$ -			-
3	DA Non-asset Energy Amount	555.09	\$ -	\$ (112,909.66)	\$ -	\$ (112,909.66)			- (4,125)
4	RT Asset Energy Amount	555.19	\$ 415,507.33	\$ (70,842.15)	\$ 957,435.22	\$ 1,302,100.40			19,346 (3,559)
5	RT Distribution of Losses Amount	555.24	\$ 6,710.19	\$ (133,982.42)	\$ (9,952.57)	\$ (137,224.80)			-
6	RT FBT Loss Amount	555.21	\$ -	\$ -	\$ -	\$ -			-
7	RT Non-Asset Energy Amount	555.26	\$ 21.90	\$ (0.17)	\$ -	\$ 21.73			1 -
8	TOTAL		\$ 7,410,872.48	\$ (3,513,662.88)	\$ 947,482.65	\$ 4,844,692.25	\$ -	\$ -	372,393 (200,816)
Virtual Energy									
9	DA Virtual Energy Amount	555.12	\$ -	\$ -	\$ -	\$ -			-
10	RT Virtual Energy Amount	555.32	\$ -	\$ -	\$ -	\$ -			-
11	TOTAL		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Schedules 16 & 17									
12	DA Mkt Admin Amount	555.01	\$ 39,794.27	\$ -	\$ -	\$ 39,794.27			-
13	RT Mkt Admin Amount	555.18	\$ 3,845.07	\$ -	\$ (1,718.65)	\$ 2,126.42			-
14	FTR Mkt Admin Amount	555.13	\$ 946.08	\$ -	\$ -	\$ 946.08			-
15	TOTAL		\$ 44,585.42	\$ -	\$ (1,718.65)	\$ 42,866.77	\$ -	\$ -	-
Congest & FTRs									
16	DA FBT Congestion Amount	555.03	\$ -	\$ -	\$ -	\$ -			-
17	RT FBT Congestion Amount	555.20	\$ -	\$ -	\$ -	\$ -			-
18	FTR Hourly Allocation Amount	555.14	\$ 72,837.36	\$ (316,027.83)	\$ -	\$ (243,190.47)			-
19	FTR Monthly Allocation Amount	555.15	\$ -	\$ (40,656.80)	\$ -	\$ (40,656.80)			-
20	FTR Yearly Allocation Amount	555.17	\$ -	\$ -	\$ -	\$ -			-
21	FTR Monthly Transaction Amount	555.35	\$ -	\$ (54,950.41)	\$ -	\$ (54,950.41)			-
22	FTR Full Funding Guarantee Amount	555.36	\$ 39,105.40	\$ (37,936.76)	\$ -	\$ 1,168.64			-
23	FTR Guarantee Uplift Amount	555.37	\$ 37,936.76	\$ (40,957.56)	\$ -	\$ (3,020.80)			-
24	FTR Auction Revenue Rights Transaction Amount	555.39	\$ 5,398.77	\$ (216,720.93)	\$ -	\$ (211,322.16)			-
25	FTR Annual Transaction Amount	555.38	\$ 216,799.81	\$ (5,399.66)	\$ -	\$ 211,400.15			-
26	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	\$ 9,125.41	\$ -	\$ -	\$ 9,125.41			-
27	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	\$ -	\$ (22,308.82)	\$ -	\$ (22,308.82)			-
28	TOTAL		\$ 381,203.51	\$ (734,958.77)	\$ -	\$ (353,755.26)	\$ -	\$ -	-
RSG & Make Whole Payments									
29	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	\$ 11,029.99	\$ -	\$ (769.74)	\$ 10,260.25			-
30	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	\$ -	\$ (9,507.73)	\$ -	\$ (9,507.73)			-
31	RT Revenue Sufficiency Guarantee First Pass Distribution Amou	555.29	\$ 16,983.58	\$ -	\$ (3,561.03)	\$ 13,422.55			-
32	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	\$ -	\$ -	\$ -	\$ -			-
33	RT Price Volatility Make Whole Payment	555.42	\$ -	\$ (19,892.21)	\$ -	\$ (19,892.21)			-
34	TOTAL		\$ 28,013.57	\$ (29,399.94)	\$ (4,330.77)	\$ (5,717.14)	\$ -	\$ -	-
Revenue Neutrality Uplift									
35	RT Revenue Neutrality Uplift Amount	555.28	\$ 86,388.70	\$ (1,413.86)	\$ (30,312.41)	\$ 54,662.43			-
36	TOTAL		\$ 86,388.70	\$ (1,413.86)	\$ (30,312.41)	\$ 54,662.43	\$ -	\$ -	-
Other Charges									
37	RT Misc Amount	555.25	\$ 9,883.18	\$ -	\$ (990.67)	\$ 8,892.51			-
38	RT Net Inadvertent Amount	555.27	\$ 33,154.20	\$ (30,246.48)	\$ 34,384.83	\$ 37,292.55			-
39	RT Uninstructed Deviation Amount	555.31	\$ -	\$ -	\$ -	\$ -			-
40	RT Demand Response Allocation Uplift Amount	555.59	\$ -	\$ -	\$ -	\$ -			-
41	DA Ramp Product Amount	555.63	\$ -	\$ (1,166.68)	\$ -	\$ (1,166.68)			-
42	RT Ramp Product Amount	555.64	\$ 300.01	\$ (304.80)	\$ -	\$ (4.79)			-
43	TOTAL		\$ 43,337.39	\$ (31,717.96)	\$ 33,394.16	\$ 45,013.59	\$ -	\$ -	-
ASM Charges									
44	DA_ASM_REG	555.43	\$ -	\$ (2,086.02)	\$ -	\$ (2,086.02)			- (120)
45	DA_ASM_SPIN	555.44	\$ -	\$ (19,654.28)	\$ -	\$ (19,654.28)			- (2,444)
46	DA_ASM_SUPP	555.45	\$ -	\$ -	\$ -	\$ -			-
47	RT_ASM_REG	555.46	\$ 1,348.32	\$ (5,203.31)	\$ -	\$ (3,854.99)			- (189)
48	RT_ASM_SPIN	555.47	\$ 7,809.02	\$ (2,230.88)	\$ -	\$ 5,578.14			1,534 (299)
49	RT_ASM_SUPP	555.48	\$ -	\$ -	\$ -	\$ -			-
50	RT_ASM_NRGA	555.49	\$ 405.87	\$ (517.88)	\$ -	\$ (112.01)			-
51	RT_ASM_EXE_DFE_DEP	555.50	\$ 198.99	\$ (0.12)	\$ (0.03)	\$ 198.84			-
52	RT_ASM_CRDFC	555.51	\$ -	\$ -	\$ -	\$ -			-
53	RT_ASM_REG_DIST	555.52	\$ 14,335.69	\$ (227.57)	\$ 1,033.46	\$ 15,141.58			-
54	RT_ASM_SPIN_DIST	555.53	\$ 19,092.81	\$ (307.38)	\$ 1,550.71	\$ 20,336.14			-

Otter Tail Power Company									
Detail of MISO Day 2 Charges by Charge Group for Current Month - System									
October 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 MWH for Retail	
55 RT_ASM_SUPP_DIST	555.54	\$ 8,025.39	\$ (149.15)	\$ 903.39	\$ 8,779.63			-	-
56 RT ASM Non-Excessive Energy Amount	555.55	\$ 223,560.44	\$ (268,529.82)	\$ -	\$ (44,969.38)			14,586	(13,411)
57 RT ASM Excessive Energy Amount	555.56	\$ 2,395.92	\$ -	\$ -	\$ 2,395.92			-	(79)
58 RT_ASM_MISC	555.25	\$ -	\$ -	\$ -	\$ -			-	-
59 TOTAL		\$ 277,172.45	\$ (298,906.41)	\$ 3,487.53	\$ (18,246.43)	\$ -	\$ -	16,234	(16,542)
Grandfathered 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		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
... PROTECTED DATA ENDS]									
67 TOTAL MISO DAY 2 CHARGES		\$ 8,271,573.52	\$ (4,610,059.82)	\$ 948,002.51	\$ 4,609,516.21	\$ (219,331.73)	\$ 4,392,306.06	388,628	(217,358)
68 Less: MISO RSG Bad Debt				\$ -	\$ -				
69 TOTAL FOR ND COST OF ENERGY ADJUSTMENT		\$ 8,271,573.52	\$ (4,610,059.82)	\$ 948,002.51	\$ 4,609,516.21				
70 Net MISO Charges for Retail = (B) + (C) + (D)			\$ 4,609,516.21						
71 Net KWH for retail = ((G) + (H)) * 1,000			171,269,431					171,269,431	
72 October covers time period of 9/23/2016 -- 10/23/2016 ** increased for losses of 2.8%									
		Net Retail	Net MISO KWH						
73 MISO Book Totals		\$ 3,661,513.70	171,269,431						
74 MISO RSG Bad Debt		\$ -							
75 October Adjustments		\$ 950,124.09	36,576,232						
76 Total MISO		\$ 4,611,637.79	207,845,663						

Otter Tail Power Company
 Plant Conditions for October 2016

Plant	Net MWh	Unit Availability	Equivalent Availability	Outage			Fuel Prices	
		%	%	Days	Type	Reason	%	Actual vs Budget
Big Stone	25,950	15.7	15.6	26.13	Scheduled	Planned Outage	1.47	Under
Coyote	277,523	100.0	97.1				5.31	Over
Hoot Lake Unit 2	2,679	100.0	100.0				26.98	Over
Hoot Lake Unit 3	5,541	100.0	100.0				27.17	Over