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January 25, 2017

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, 2016, the rate for the Energy Adjustment Rider is \$0.00107 per kWh and Plant Reagent/Emissions is \$0.00034 per kWh. Otter Tail Power Company (Otter Tail) proposes to bill at these rates effective February 1, 2017.

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

Average costs from previous month's adjustment:	\$ .025200
Average costs from current month's adjustment:	\$ .029100
Difference – (Increase) Decrease:	(\$ .003900)

The net effect of this energy adjustment is to increase the rate by (\$.0039). The total resulting adjustment for the current billing period will then be \$0.00107 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 25, 2017  
Page Two

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

- 1) Calculation of the February 2017 Energy Adjustment Rider based on the four-month period ending December 2016.

Included with this month's filing are revised calculations ending October effective December 2016 and November effective January 2017. While preparing the current calculation it was realized the December 2016 Forecast of Margins – 85% was not included in the original calculations. These two calculations now include the forecasted amount. The revision did not affect the Energy Cost Adjustment – Per kWh.

- 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 December 2016 marked as Attachment E.

Enclosed with this month's filing is a \$600 check for the 2017 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, 2017

1st of the Month  
 RATE LEVEL 50

Line	ENERGY COSTS & CREDITS	(A)	(B)	(C)	(D)	(E)
		2016 September	2016 October	2016 November	2016 December	Total This Period
1	Purchased Power	\$1,862,788	\$1,962,401	\$2,033,831	\$2,277,239	\$8,136,260
2	Wind Curtailment	\$13,767	\$14,149	\$14,149	(\$1,163)	\$40,901
3	Steam Plant Generation	\$3,524,241	\$2,868,969	\$4,850,801	\$6,306,838	\$17,550,849
4	Other Plant Generation	\$47,650	\$77,424	\$41,969	\$166,853	\$333,896
5	Hydro Plant Generation	\$0	\$0	\$0	\$0	\$0
6	Less: Intersystem Sales	(\$578,065)	(\$213,090)	(\$284,385)	(\$388,359)	(\$1,463,899)
7	Net Retail MISO Day 2	\$2,607,442	\$4,611,638	\$2,957,605	\$4,673,711	\$14,850,396
8	NET ENERGY COSTS	\$7,477,823	\$9,321,490	\$9,613,970	\$13,035,121	\$39,448,404
<b>ASSET-BASED MARGINS</b>		2016	2016	2017	2017	Total
		November	December	January	February	This Period
9	Forecast of Margins - 85%	\$0	(\$290)	\$0	(\$771)	(\$1,061)
10	True-up of prior months margin forecast	(\$110,402)	(\$5,135)	(\$49,662)	(\$109,243)	(\$274,442)
11	Total Margin Credit	(\$110,402)	(\$5,425)	(\$49,662)	(\$110,014)	(\$275,503)
12	Prior (over) under recovery (line 25)					\$5,164,444
13	Adjusted Net Energy Costs (line 8 + line 11 + line 12)					\$44,337,345
<b>ENERGY -- KWH</b>		2016	2016	2016	2016	Total
		September	October	November	December	This Period
14	Retail Sales - kWhs	375,593,753	335,616,423	376,863,604	435,529,060	1,523,602,840
15	Delivered Cost per kWh					\$0.029100
16	Base Cost per kWh					\$0.028030
17	Energy Cost Adjustment -- Per kWh					\$0.00107

**TRUE UP FOR DECEMBER**

18	Retail Sales (kWhs) (line 14, col D)	435,529,060
19	Net Energy Costs for the System -- Most recent month	\$13,029,696
20	Base Cost Recovered	\$12,207,880
21	Net to be Recovered from COE (line 19 - line 20)	\$821,816
22	COE Recovery Rate Effective for December	(\$0.00446)
23	Amount Recovered by COE (line 22 x line 18)	(\$1,942,460)
24	* (Over) / Under Recovery (line 21 - line 23)	\$2,764,276
25	* Cumulative (Over) / Under Recovery (prior month cumulative (over)/under)	\$5,164,444

\* Effective January 2017 the "signs" for the amounts on lines 24 and 25 have been changed for presentation purposes to be consistent with how (over) under recovery amounts have been reflected on line 12 and to be consistent with how (revenue) and cost amounts are reflected in the schedule. Prior to this time, lines 24 and 25 were reflecting amounts as over (under) or revenue (cost).

NORTH DAKOTA  
 OTTER TAIL POWER COMPANY  
 PLANT REAGENT/EMISSIONS CALCULATION  
 FOR BILLING TO BE EFFECTIVE FEBRUARY 1, 2017

1st of the Month  
 RATE LEVEL 50

Line	REAGENTS COSTS & CREDITS	(A)	(B)	(C)	(D)	(E)
		2016 September	2016 October	2016 November	2016 December	Total This Period
1	Big Stone	\$110,253	\$22,145	\$137,299	\$167,655	\$437,352
2	Coyote	\$22,986	\$26,048	\$17,946	\$23,914	\$90,894
3	Hoot Lake	\$3,429	\$5,442	\$5,012	\$22,849	\$36,732
4	Hoot Lake Emissions Allowances	\$0	\$0	\$0	\$4,997	\$4,997
5	<b>NET REAGENTS COSTS</b>	<b>\$136,667</b>	<b>\$53,635</b>	<b>\$160,258</b>	<b>\$219,415</b>	<b>\$569,975</b>
6	Prior (over) under recovery (line 15)					(\$45,886)
7	Adjusted Net Reagents Costs (line 5 + line 6)					<u>\$524,089</u>
	<b>ENERGY -- KWH</b>	<b>2016 September</b>	<b>2016 October</b>	<b>2016 November</b>	<b>2016 December</b>	<b>Total This Period</b>
8	Retail Sales - kWhs	375,593,753	335,616,423	376,863,604	435,529,060	1,523,602,840
9	Reagent Cost Adjustment -- Per kWh					\$0.00034
	<b>TRUE UP FOR DECEMBER</b>					
10	Retail Sales (kWhs) (line 8, col D)					435,529,060
11	Net Reagent Costs for the System -- Most recent month					\$219,415
12	Reagent Cost Adjustment Effective for December					\$0.00043
13	Amount Recovered by Reagent (line 10 x line 12)					\$187,277
14	(Over) / Under Recovery (line 11 - line 13)					\$32,138
15	Cumulative (Over) / Under Recovery (prior month cumulative (over)/under)					(\$45,886)

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	2016	2016	2016	Total
		September	October	November	December	This Period
9	Forecast of Margins - 85%	(\$411)	\$0	\$0	(\$290)	(\$701)
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)	(\$5,425)	(\$260,145)
12	Prior (over) under recovery (line 25)					\$1,153,682
13	Adjusted Net Energy Costs (line 8 + line 11 + line 12)					\$33,973,580
<u>ENERGY -- KWH</u>		2016	2016	2016	2016	Total
		July	August	September	October	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  
 ENERGY ADJUSTMENT RIDER  
 FOR BILLING TO BE EFFECTIVE JANUARY 1, 2017

1st of the Month  
 RATE LEVEL 50

Line	ENERGY COSTS & CREDITS	(A)	(B)	(C)	(D)	(E)
		2016 August	2016 September	2016 October	2016 November	Total This Period
1	Purchased Power	\$1,676,892	\$1,862,788	\$1,962,401	\$2,033,831	\$7,535,913
2	Wind Curtailment	\$7,275	\$13,767	\$14,149	\$14,149	\$49,340
3	Steam Plant Generation	\$5,060,233	\$3,524,241	\$2,868,969	\$4,850,801	\$16,304,244
4	Other Plant Generation	\$250,852	\$47,650	\$77,424	\$41,969	\$417,895
5	Hydro Plant Generation	\$0	\$0	\$0	\$0	\$0
6	Less: Intersystem Sales	(\$298,915)	(\$578,065)	(\$213,090)	(\$284,385)	(\$1,374,455)
7	Net Retail MISO Day 2	\$1,713,564	\$2,607,442	\$4,611,638	\$2,957,605	\$11,890,249
8	NET ENERGY COSTS	\$8,409,902	\$7,477,823	\$9,321,490	\$9,613,970	\$34,823,185
<u>ASSET-BASED MARGINS</u>		2016	2016	2016	2017	Total
		October	November	December	January	This Period
9	Forecast of Margins - 85%	\$0	\$0	(\$290)	\$0	(\$290)
10	True-up of prior months margin forecast	(\$79,710)	(\$110,402)	(\$5,135)	(\$49,662)	(\$244,909)
11	Total Margin Credit	(\$79,710)	(\$110,402)	(\$5,425)	(\$49,662)	(\$245,199)
12	Prior (over) under recovery (line 25)					\$2,400,169
13	Adjusted Net Energy Costs (line 8 + line 11 + line 12)					\$36,978,155
<u>ENERGY -- KWH</u>		2016	2016	2016	2016	Total
		August	September	October	November	This Period
14	Retail Sales - kWhs	379,347,773	375,593,753	335,616,423	376,863,604	1,467,421,553
15	Delivered Cost per kWh					\$0.025199
16	Base Cost per kWh					\$0.028030
17	Energy Cost Adjustment -- Per kWh					(\$0.00283)

**TRUE UP FOR NOVEMBER**

18	Retail Sales (kWhs) (line 14, col D)	376,863,604
19	Net Energy Costs for the System -- Most recent month	\$9,503,568
20	Base Cost Recovered	\$10,563,487
21	Net to be Recovered from COE (line 19 - line 20)	(\$1,059,918)
22	COE Recovery Rate Effective for November	(\$0.00612)
23	Amount Recovered by COE (line 22 x line 18)	(\$2,306,405)
24	* (Over) / Under Recovery (line 21 - line 23)	\$1,246,487
25	* Cumulative (Over) / Under Recovery (prior month cumulative (over)/under)	\$2,400,169

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Otter Tail Power Company						
Monthly Detail of MISO Day 2 Charges by Charge Type for ND Energy Adjustment Rider - System						
December 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		\$ 4,078,267.52	\$ -	\$ 4,078,267.52
2	DA Non-asset Energy Amount	555.09		\$ (154,615.67)	\$ -	\$ (154,615.67)
3	DA Virtual Energy Amount	555.12		\$ -	\$ -	\$ -
4	RT Asset Energy Amount	555.19		\$ 454,499.56	\$ -	\$ 454,499.56
5	RT Non-Asset Energy Amount	555.26		\$ -	\$ -	\$ -
6	RT Virtual Energy Amount	555.32		\$ -	\$ -	\$ -
			... PROTECTED DATA ENDS]			... PROTECTED DATA ENDS]
7	<b>ENERGY CHARGES TOTAL</b>		<b>\$ 4,329,881.98</b>	<b>\$ 4,378,151.41</b>	<b>\$ -</b>	<b>\$ 4,378,151.41</b>
			[PROTECTED DATA BEGINS ...]			[PROTECTED DATA BEGINS ...]
8	DA Mkt Admin Amount	555.01		\$ 69,827.15	\$ -	\$ 69,827.15
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		\$ (1,968.15)	\$ -	\$ (1,968.15)
16	DA Revenue Sufficiency Guarantee Distribution Amount	555.10		\$ 15,453.81	\$ -	\$ 15,453.81
17	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11		\$ (1,940.46)	\$ -	\$ (1,940.46)
18	FTR Mkt Admin Amount	555.13		\$ 2,412.64	\$ -	\$ 2,412.64
19	FTR Hourly Allocation Amount	555.14		\$ (108,916.51)	\$ -	\$ (108,916.51)
20	FTR Monthly Allocation Amount	555.15		\$ (7,449.28)	\$ -	\$ (7,449.28)
21	FTR Monthly Transaction Amount	555.35		\$ -	\$ -	\$ -
22	FTR Yearly Allocation Amount	555.17		\$ -	\$ -	\$ -
23	RT Mkt Admin Amount	555.18		\$ 5,981.61	\$ -	\$ 5,981.61
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		\$ (230,258.50)	\$ -	\$ (230,258.50)
29	RT Misc Amount	555.25		\$ 13,096.23	\$ -	\$ 13,096.23
30	RT Net Inadvertent Amount	555.27		\$ 7,254.31	\$ -	\$ 7,254.31
31	RT Ramp Product	555.64		\$ 4.87	\$ -	\$ 4.87
32	RT Revenue Neutrality Uplift Amount	555.28		\$ 46,470.50	\$ -	\$ 46,470.50
33	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29		\$ 35,348.27	\$ -	\$ 35,348.27
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		\$ (8,962.91)	\$ -	\$ (8,962.91)
37	FTR Guarantee Uplift Amount	555.37		\$ 8,955.80	\$ -	\$ 8,955.80
38	FTR Auction Revenue Rights Transaction Amount	555.39		\$ (156,652.24)	\$ -	\$ (156,652.24)
39	FTR Annual Transaction Amount	555.38		\$ 156,649.37	\$ -	\$ 156,649.37
40	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40		\$ 7,320.30	\$ -	\$ 7,320.30
41	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41		\$ (36,429.14)	\$ -	\$ (36,429.14)
42	RT Price Volatility Make Whole Payment	555.42		\$ (26,891.75)	\$ -	\$ (26,891.75)
43	DA_ASM_REG	555.43		\$ (4,700.94)	\$ -	\$ (4,700.94)

Otter Tail Power Company								
Monthly Detail of MISO Day 2 Charges by Charge Type for ND Energy Adjustment Rider - System								
December 2016 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	DA_ASM_SPIN	555.44		\$ (21,716.11)	\$ -	\$ -	\$ (21,716.11)	
45	DA_ASM_SUPP	555.45		\$ -	\$ -	\$ -	\$ -	
46	RT_ASM_REG	555.46		\$ (432.95)	\$ -	\$ -	\$ (432.95)	
47	RT_ASM_SPIN	555.47		\$ 4,269.53	\$ -	\$ -	\$ 4,269.53	
48	RT_ASM_SUPP	555.48		\$ -	\$ -	\$ -	\$ -	
49	RT_ASM_NRGA	555.49		\$ 115.41	\$ -	\$ -	\$ 115.41	
50	RT_ASM_EXE_DFE_DEP	555.50		\$ 444.54	\$ -	\$ -	\$ 444.54	
51	RT_ASM_CRDFC	555.51		\$ -	\$ -	\$ -	\$ -	
52	RT_ASM_REG_DIST	555.52		\$ 18,772.75	\$ -	\$ -	\$ 18,772.75	
53	RT_ASM_SPIN_DIST	555.53		\$ 18,368.03	\$ -	\$ -	\$ 18,368.03	
54	RT_ASM_SUPP_DIST	555.54		\$ 9,341.14	\$ -	\$ -	\$ 9,341.14	
55	RT ASM Non-Excessive Energy Amount	555.55		\$ 481,826.68	\$ -	\$ -	\$ 481,826.68	
56	RT ASM Excessive Energy Amount	555.56		\$ (33.92)	\$ -	\$ -	\$ (33.92)	
57	RT_ASM_MISC	555.25		\$ -	\$ -	\$ -	\$ -	
58	RT Demand Response Allocation Uplift Amount	555.59		\$ -	\$ -	\$ -	\$ -	
			... PROTECTED DATA ENDS]					... PROTECTED DATA ENDS]
59	<b>ENERGY CHARGES TOTAL</b>		\$ (173,655.76)	\$ 295,560.08	\$ -	\$ -	\$ 295,560.08	\$ (469,215.84)
60	<b>TOTAL MISO DAY 2 CHARGES</b>		\$ 4,156,226.22	\$ 4,673,711.49	\$ -	\$ -	\$ 4,673,711.49	\$ (517,485.27)
61	<b>Less: MISO RSG Bad Debt</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
62	<b>TOTAL FOR ND COST OF ENERGY ADJUSTMENT</b>		\$ 4,156,226.22	\$ 4,673,711.49	\$ -	\$ -	\$ 4,673,711.49	\$ (517,485.27)

Otter Tail Power Company Monthly MISO Day 2 Charges for ND Energy Adjustment Rider - System January - December 2016 Includes Any Adjustments															
Charge Type Description	Acct	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	YEAR TO DATE	
<b>No. Day Ahead &amp; Real Time Asset &amp; Non Asset Energy &amp; Loss</b>															
1	DA Asset Energy Amount	555.02	\$ 4,081,461.32	\$ 3,882,179.22	\$ 2,579,646.39	\$ 2,841,682.43	\$ 3,058,383.89	\$ 3,330,488.37	\$ 2,275,699.83	\$ 3,275,354.65	\$ 2,422,586.04	\$ 3,792,704.58	\$ 2,587,959.63	\$ 4,078,267.52	\$ 38,206,413.87
2	DA FBT Loss Amount	555.04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	DA Non-asset Energy Amount	555.09	\$ (86,435.80)	\$ (100,875.05)	\$ (79,254.31)	\$ (72,736.13)	\$ (71,705.06)	\$ (83,135.15)	\$ (100,935.72)	\$ (127,702.83)	\$ (116,595.36)	\$ (112,909.66)	\$ (106,438.53)	\$ (154,615.67)	\$ (1,213,339.27)
4	RT Asset Energy Amount	555.19	\$ (513,279.97)	\$ (592,773.29)	\$ 596,281.20	\$ (187,982.68)	\$ (489,472.47)	\$ (203,207.22)	\$ (1,181,307.03)	\$ (1,437,645.76)	\$ 478,381.32	\$ 1,302,100.40	\$ 63,584.56	\$ 454,499.56	\$ (1,710,821.38)
5	RT Distribution of Losses Amount	555.24	\$ (219,744.01)	\$ (276,609.61)	\$ (30,231.62)	\$ (26,200.84)	\$ (57,545.59)	\$ (38,605.39)	\$ (229,168.69)	\$ (190,039.12)	\$ (102,331.80)	\$ (137,224.80)	\$ (78,994.81)	\$ (230,258.50)	\$ (1,616,954.78)
6	RT FBT Loss Amount	555.21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	RT Non-Asset Energy Amount	555.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 235.83	\$ -	\$ 9.66	\$ 21.73	\$ -	\$ -	\$ -	\$ 267.22
8	<b>TOTAL</b>		\$ 3,262,001.54	\$ 2,911,921.27	\$ 3,066,441.66	\$ 2,554,762.78	\$ 2,439,660.77	\$ 3,005,776.44	\$ 764,288.39	\$ 1,519,966.94	\$ 2,682,049.86	\$ 4,844,692.25	\$ 2,466,110.85	\$ 4,147,892.91	\$ 33,665,565.66
<b>Virtual Energy</b>															
9	DA Virtual Energy Amount	555.12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	RT Virtual Energy Amount	555.32	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Schedules 16 &amp; 17</b>															
12	DA Mkt Admin Amount	555.01	\$ 53,761.50	\$ 66,895.63	\$ 52,634.44	\$ 41,352.68	\$ 42,390.95	\$ 40,979.01	\$ 43,169.02	\$ 41,366.88	\$ 42,608.43	\$ 39,794.27	\$ 48,769.21	\$ 69,827.15	\$ 583,549.17
13	RT Mkt Admin Amount	555.18	\$ 4,846.72	\$ 6,446.46	\$ 4,284.93	\$ 4,813.72	\$ 5,367.09	\$ 4,871.20	\$ 5,851.39	\$ 5,318.91	\$ 3,467.88	\$ 2,126.42	\$ 4,068.12	\$ 5,981.61	\$ 57,444.45
14	FTR Mkt Admin Amount	555.13	\$ 1,373.76	\$ 1,986.24	\$ 1,900.88	\$ 2,115.84	\$ 1,736.64	\$ 1,980.00	\$ 2,316.80	\$ 2,406.00	\$ 2,136.48	\$ 946.08	\$ 1,908.32	\$ 2,412.64	\$ 23,219.68
15	<b>TOTAL</b>		\$ 59,981.98	\$ 75,328.33	\$ 58,820.25	\$ 48,282.24	\$ 49,494.68	\$ 47,830.21	\$ 51,337.21	\$ 49,091.79	\$ 48,212.79	\$ 42,866.77	\$ 54,745.65	\$ 78,221.40	\$ 664,213.30
<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	\$ (92,467.86)	\$ (139,273.02)	\$ (53,793.99)	\$ (103,325.04)	\$ (21,572.62)	\$ (132,031.27)	\$ (53,378.87)	\$ (124,070.49)	\$ (424,848.57)	\$ (243,190.47)	\$ (3,108.29)	\$ (108,916.51)	\$ (1,499,977.00)
19	FTR Monthly Allocation Amount	555.15	\$ (23,303.37)	\$ (3,131.58)	\$ (6,548.81)	\$ (8,197.64)	\$ (7,623.39)	\$ (7,198.97)	\$ (10,712.71)	\$ (6,672.27)	\$ (25,563.21)	\$ (40,656.80)	\$ (38,968.19)	\$ (7,449.28)	\$ (186,026.22)
20	FTR Yearly Allocation Amount	555.17	\$ -	\$ -	\$ -	\$ (36,489.21)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (36,489.21)
21	FTR Monthly Transaction Amount	555.35	\$ (5,024.40)	\$ (3,256.35)	\$ (1,621.41)	\$ (5,547.81)	\$ (46,028.31)	\$ -	\$ -	\$ -	\$ -	\$ (54,950.41)	\$ -	\$ -	\$ (116,428.69)
22	FTR Full Funding Guarantee Amount	555.36	\$ 20,465.50	\$ (3,103.36)	\$ 2,049.96	\$ 32,509.68	\$ (3,822.35)	\$ (3,430.01)	\$ 8,609.31	\$ (3,533.26)	\$ (33,266.40)	\$ 1,168.64	\$ 28,338.14	\$ (8,962.91)	\$ 37,022.94
23	FTR Guarantee Uplift Amount	555.37	\$ (20,997.27)	\$ 3,103.36	\$ (2,049.96)	\$ (31,494.12)	\$ 4,132.23	\$ 3,342.37	\$ (8,609.31)	\$ 3,533.26	\$ 33,266.40	\$ (3,020.80)	\$ (28,331.33)	\$ 8,955.80	\$ (38,169.37)
24	FTR Auction Revenue Rights Transaction Amount	555.39	\$ (226,568.51)	\$ (226,568.51)	\$ (176,214.38)	\$ (176,214.38)	\$ (176,214.38)	\$ (149,732.21)	\$ (149,732.21)	\$ (149,732.21)	\$ (211,322.16)	\$ (211,322.16)	\$ (211,322.16)	\$ (156,652.24)	\$ (2,221,595.51)
25	FTR Annual Transaction Amount	555.38	\$ 226,460.11	\$ 2,460.11	\$ 176,204.52	\$ 176,204.52	\$ 149,815.05	\$ 149,815.05	\$ 149,815.05	\$ 211,400.15	\$ 211,400.15	\$ 211,400.15	\$ 156,649.37	\$ 2,221,595.51	\$ (156,652.24)
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	\$ 7,591.90	\$ 7,591.90	\$ 7,591.90	\$ 9,125.41	\$ 9,125.41	\$ 9,125.41	\$ 7,320.30	\$ 76,801.27
27	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	\$ (33,802.51)	\$ (33,802.51)	\$ (34,881.99)	\$ (34,485.21)	\$ (34,663.76)	\$ (29,893.98)	\$ (27,448.52)	\$ (28,671.16)	\$ (22,247.19)	\$ (22,308.82)	\$ (22,308.82)	\$ (36,429.14)	\$ (360,943.61)
28	<b>TOTAL</b>		\$ (149,573.42)	\$ (173,906.97)	\$ (94,189.64)	\$ (184,372.79)	\$ (106,921.64)	\$ (161,537.12)	\$ (83,865.36)	\$ (151,739.18)	\$ (463,455.57)	\$ (353,755.26)	\$ (55,175.09)	\$ (145,484.61)	\$ (2,123,976.65)
<b>RSG &amp; Make Whole Payments</b>															
29	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	\$ 11,535.28	\$ 12,790.55	\$ 9,361.29	\$ 7,448.41	\$ 14,170.18	\$ 8,214.84	\$ 8,272.86	\$ 7,358.92	\$ 11,420.30	\$ 10,260.25	\$ 10,839.07	\$ 15,453.81	\$ 127,125.76
30	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	\$ (5.71)	\$ (15,877.85)	\$ (889.64)	\$ -	\$ (18,304.26)	\$ (17,771.33)	\$ (1,500.12)	\$ (2,781.56)	\$ (3,856.33)	\$ (9,507.73)	\$ (3,116.66)	\$ (1,940.46)	\$ (75,551.65)
31	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29	\$ 10,717.42	\$ 1,538.48	\$ 4,892.45	\$ 13,730.96	\$ 5,939.73	\$ 15,647.98	\$ 31,479.93	\$ 16,282.52	\$ 40,827.73	\$ 13,422.55	\$ 21,378.56	\$ 35,348.27	\$ 211,206.58
32	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
33	RT Price Volatility Make Whole Payment	555.42	\$ (8,202.36)	\$ (12,588.53)	\$ (12,865.85)	\$ (22,312.46)	\$ (28,772.23)	\$ (17,222.23)	\$ (13,415.14)	\$ (46,046.65)	\$ (23,319.44)	\$ (19,892.21)	\$ (22,458.43)	\$ (26,891.75)	\$ (253,987.28)
34	<b>TOTAL</b>		\$ 14,044.63	\$ (14,137.35)	\$ (498.25)	\$ (1,133.09)	\$ (26,966.58)	\$ (11,130.74)	\$ 24,837.53	\$ (25,186.77)	\$ 25,072.26	\$ (5,717.14)	\$ 6,642.54	\$ 21,969.87	\$ 8,793.41
<b>Revenue Neutrality Uplift</b>															
35	RT Revenue Neutrality Uplift Amount	555.28	\$ 70,224.46	\$ 67,868.53	\$ (48,366.01)	\$ 23,989.42	\$ 124,494.39	\$ (16,712.92)	\$ 78,610.39	\$ 90,962.66	\$ (785.43)	\$ 54,662.43	\$ 71,471.35	\$ 46,470.50	\$ 562,889.77
36	<b>TOTAL</b>		\$ 70,224.46	\$ 67,868.53	\$ (48,366.01)	\$ 23,989.42	\$ 124,494.39	\$ (16,712.92)	\$ 78,610.39	\$ 90,962.66	\$ (785.43)	\$ 54,662.43	\$ 71,471.35	\$ 46,470.50	\$ 562,889.77
<b>Other Charges</b>															
37	RT Misc Amount	555.25	\$ 116,010.78	\$ 12,458.18	\$ 3,307.60	\$ 27,375.59	\$ 6,528.56	\$ 2,735.68	\$ 14,821.46	\$ 11,594.86	\$ 7,701.40	\$ 8,892.51	\$ 11,420.09	\$ 13,096.23	\$ 235,942.94
38	RT Net Inadvertent Amount	555.27	\$ (15,862.55)	\$ 2,236.19	\$ 80,672.73	\$ 2,966.94	\$ (58,659.58)	\$ 35,929.14	\$ (44,927.36)	\$ (39,778.13)	\$ 10,652.23	\$ 37,292.55	\$ 10,721.52	\$ 7,254.31	\$ 28,497.99
39	RT Uninstructed Deviation Amount	555.31	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40	RT Demand Response Allocation Uplift Amount	555.59	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.66	\$ (0.02)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.64
41	DA Ramp Product Amount	555.63	\$ -	\$ -	\$ -	\$ -	\$ (33.26)	\$ (1,228.94)	\$ (4,287.03)	\$ (910.05)	\$ (1,997.45)	\$ (1,166.68)	\$ (1,936.68)	\$ (1,968.15)	\$ (13,528.24)
42	RT Ramp Product Amount	555.64	\$ -	\$ -	\$ -	\$ -	\$ (161.61)	\$ (59.53)	\$ (536.76)	\$ (19.47)	\$ (49.18)	\$ (4.79)	\$ (54.68)	\$ 4.87	\$ 413.43
43	<b>TOTAL</b>		\$ 100,148.23	\$ 14,694.37	\$ 83,980.33	\$ 30,342.53	\$ (52,325.89)	\$ 37,596.07	\$ (33,854.19)	\$ (29,112.79)	\$ 16,307.00	\$ 45,013.59	\$ 20,150.25	\$ 18,387.26	\$ 251,326.76
<b>ASM Charges</b>															
44	DA_ASM_REG	555.43	\$ -	\$ -	\$ -	\$ -	\$ (1,919.21)	\$ (33,164.22)	\$ (49,521.12)	\$ (30,979.89)	\$ (1,856.87)	\$ (2,086.02)	\$ (1,411.14)	\$ (4,700.94)	\$ (125,639.41)
45	DA_ASM_SPIN	555.44	\$ (7,343.78)	\$ (7,534.16)	\$ (16,583.42)	\$ (20,787.68)	\$ (19,054.68)	\$ (18,172.17)	\$ (20,984.36)	\$ (19,065.21)	\$ (14,320.84)	\$ (19,654.28)	\$ (14,047.59)	\$ (21,716.11)	\$ (199,264.28)
46	DA_ASM_SUPP	555.45	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
47	RT_ASM_REG	555.46	\$ (443.19)	\$ (886.27)	\$ (4,382.47)	\$ (7,376.50)	\$ (6,777.80)	\$ (4,565.41)	\$ (3,777.12)	\$ (10,831.63)	\$ (14,488.22)	\$ (3,854.99)	\$ (6,293.47)	\$ (432.95)	\$ (64,110.02)
48	RT_ASM_SPIN	555.47	\$ 21.16	\$ (1,780.18)	\$ (2,288.26)	\$ (1,894.73)	\$ 2,200.10	\$ 11,109.26	\$ (786.59)	\$ 601.86	\$ 842.63	\$ 5,578.14	\$ (1,160.35)	\$ 4,269.53	\$ 16,712.57
49	RT_ASM_SUPP	555.48	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
50	RT_ASM_NRGA	555.49	\$ 17.08	\$ 6.39	\$ 91.86	\$ 92.44	\$ 14.10	\$ 736.08	\$ 4,386.26	\$ 2,167.82	\$ 1,094.61	\$ (112.01)	\$ (150.57)	\$ 115.41	\$ 8,459.47
51	RT_ASM_EXE_DFE_DEP	555.50	\$ 71.79	\$ 32.39	\$ 299.95	\$ 2,153.93	\$ 1,097.58	\$ 2,418.08	\$ 3,826.57	\$ 4,892.37	\$ 446.27	\$ 198.84	\$ 1,178.79	\$ 444.54	\$ 17,061.10
52	RT_ASM_CRDFC	555.51	\$ -	\$ -	\$ -	\$ -	\$ 556.05	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 556.05
53	RT_ASM_REG_DIST	555.52	\$ 6,687.19	\$ 8,012.62	\$ 7,821.11	\$ 8,558.84	\$ 10,713.58	\$ 6,171.14	\$ 8,540.75	\$ 10,376.67	\$ 9,628.61	\$ 15,141.58	\$ 14,731.24	\$ 18,772.75	\$ 125,156.08
54	RT_ASM_SPIN_DIST	555.53	\$ 8,454.56	\$ 8,111.02	\$ 9,947.37	\$ 11,473.50	\$ 11,878.39	\$ 12,421.06	\$ 13,287.03	\$ 16,147.71	\$ 12,919.13	\$ 20,336.14	\$ 16,401.95	\$ 18,368.03	\$ 156,759.89
55	RT_ASM_SUPP_DIST	555.54	\$ 3,787.46	\$ 3,504.22	\$ 3,874.29	\$ 3,706.60	\$ 3,635.40	\$ 3,026.20	\$ 8,671.47	\$ 10,913.80	\$ 7,732.45	\$ 8,779.63	\$ 5,945.72	\$ 9,341.14	\$ 72,918.38
56	RT ASM Non-Excessive Energy Amount	555.55	\$ 575,405.83	\$ 326,704.96	\$ 126,150.70	\$ 187,409.13	\$ 112,991.48	\$ 62,894.17	\$ 253,753.79	\$ 277,359.12	\$ 297,762.55	\$ (44,969.38)	\$ 378,409.19	\$ 481,826.68	\$ 3,035,698.22
57	RT ASM Excessive Energy Amount	555.56	\$ (183.05)	\$ 304.28	\$ 4.08	\$ 46									

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
No. 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	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	(952,732.39)
<b>Virtual Energy</b>															
9	DA Virtual Energy Amount	555.12													
10	RT Virtual Energy Amount	555.32													
11	<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													
15	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	15,065.81
<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>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	(46.34)
<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>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	(185,697.23)
<b>Revenue Neutrality Uplift</b>															
35	RT Revenue Neutrality Uplift Amount	555.28													
36	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	20,671.26
<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	DA Ramp Product Amount	555.63													
42	RT Ramp Product Amount	555.64													
43	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	(699.52)
<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													
59	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	(3,236,812.67)
<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 Loss Rebate on COGA	555.23													
66	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
. . . PROTECTED DATA ENDS]															
67	<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)	\$ (499,407.18)	\$ (393,205.70)	\$ (708,890.00)	\$ (219,331.73)	\$ (343,128.61)	\$ (517,485.27)	\$ (4,340,251.08)
68	<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)	\$ (499,407.18)	\$ (393,205.70)	\$ (708,890.00)	\$ (219,331.73)	\$ (343,128.61)	\$ (517,485.27)	\$ (4,340,251.08)

<b>Otter Tail Power Company</b>									
<b>Detail of MISO Day 2 Charges by Charge Group for Current Month - System</b>									
<b>December 2016 includes any adjustments</b>									
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)**	
<b>Charge Type Description</b>	<b>Acct</b>	<b>Retail Debits</b>	<b>Retail Credits</b>	<b>Retail Adjustments</b>	<b>Net Retail</b>	<b>Net Intersystem</b>	<b>Total</b>	<b>Charge types with MWH for Retail</b>	
<b>Day Ahead &amp; Real Time Asset &amp; Non Asset Energy &amp; Loss</b>						<b>[PROTECTED DATA BEGINS ...]</b>			
1	DA Asset Energy Amount	555.02	\$ 12,970,494.20	\$ (8,892,226.68)	\$ -	\$ 4,078,267.52		547,301	(393,723)
2	DA FBT Loss Amount	555.04	\$ -	\$ -	\$ -	\$ -		-	-
3	DA Non-asset Energy Amount	555.09	\$ -	\$ (154,615.67)	\$ -	\$ (154,615.67)		-	(5,722)
4	RT Asset Energy Amount	555.19	\$ 664,109.11	\$ (232,982.65)	\$ 23,373.10	\$ 454,499.56		28,125	(8,881)
5	RT Distribution of Losses Amount	555.24	\$ 6,095.80	\$ (236,036.36)	\$ (317.94)	\$ (230,258.50)		-	-
6	RT FBT Loss Amount	555.21	\$ -	\$ -	\$ -	\$ -		-	-
7	RT Non-Asset Energy Amount	555.26	\$ -	\$ -	\$ -	\$ -		-	-
8	<b>TOTAL</b>		<b>\$ 13,640,699.11</b>	<b>\$ (9,515,861.36)</b>	<b>\$ 23,055.16</b>	<b>\$ 4,147,892.91</b>	<b>\$ -</b>	<b>575,426</b>	<b>(408,327)</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	\$ 69,827.15	\$ -	\$ -	\$ 69,827.15		-	-
13	RT Mkt Admin Amount	555.18	\$ 6,205.70	\$ -	\$ (224.09)	\$ 5,981.61		-	-
14	FTR Mkt Admin Amount	555.13	\$ 2,412.64	\$ -	\$ -	\$ 2,412.64		-	-
15	<b>TOTAL</b>		<b>\$ 78,445.49</b>	<b>\$ -</b>	<b>\$ (224.09)</b>	<b>\$ 78,221.40</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	\$ 85,108.18	\$ (194,023.14)	\$ (1.55)	\$ (108,916.51)		-	-
19	FTR Monthly Allocation Amount	555.15	\$ -	\$ (7,449.28)	\$ -	\$ (7,449.28)		-	-
20	FTR Yearly Allocation Amount	555.17	\$ -	\$ -	\$ -	\$ -		-	-
21	FTR Monthly Transaction Amount	555.35	\$ -	\$ -	\$ -	\$ -		-	-
22	FTR Full Funding Guarantee Amount	555.36	\$ 6,183.70	\$ (15,148.16)	\$ 1.55	\$ (8,962.91)		-	-
23	FTR Guarantee Uplift Amount	555.37	\$ 15,148.16	\$ (6,190.81)	\$ (1.55)	\$ 8,955.80		-	-
24	FTR Auction Revenue Rights Transaction Amount	555.39	\$ 5,145.86	\$ (161,798.10)	\$ -	\$ (156,652.24)		-	-
25	FTR Annual Transaction Amount	555.38	\$ 161,832.29	\$ (5,182.92)	\$ -	\$ 156,649.37		-	-
26	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	\$ 7,320.30	\$ -	\$ -	\$ 7,320.30		-	-
27	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	\$ -	\$ (36,429.14)	\$ -	\$ (36,429.14)		-	-
28	<b>TOTAL</b>		<b>\$ 280,738.49</b>	<b>\$ (426,221.55)</b>	<b>\$ (1.55)</b>	<b>\$ (145,484.61)</b>	<b>\$ -</b>	<b>-</b>	<b>-</b>
<b>RSG &amp; Make Whole Payments</b>									
29	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	\$ 15,742.71	\$ -	\$ (288.90)	\$ 15,453.81		-	-
30	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	\$ -	\$ (1,940.46)	\$ -	\$ (1,940.46)		-	-
31	RT Revenue Sufficiency Guarantee First Pass Distribution Amou	555.29	\$ 26,621.87	\$ -	\$ 8,726.40	\$ 35,348.27		-	-
32	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	\$ -	\$ -	\$ -	\$ -		-	-
33	RT Price Volatility Make Whole Payment	555.42	\$ -	\$ (26,895.62)	\$ 3.87	\$ (26,891.75)		-	-
34	<b>TOTAL</b>		<b>\$ 42,364.58</b>	<b>\$ (28,836.08)</b>	<b>\$ 8,441.37</b>	<b>\$ 21,969.87</b>	<b>\$ -</b>	<b>-</b>	<b>-</b>
<b>Revenue Neutrality Uplift</b>									
35	RT Revenue Neutrality Uplift Amount	555.28	\$ 64,340.24	\$ (16,816.57)	\$ (1,053.17)	\$ 46,470.50		-	-
36	<b>TOTAL</b>		<b>\$ 64,340.24</b>	<b>\$ (16,816.57)</b>	<b>\$ (1,053.17)</b>	<b>\$ 46,470.50</b>	<b>\$ -</b>	<b>-</b>	<b>-</b>
<b>Other Charges</b>									
37	RT Misc Amount	555.25	\$ 12,706.61	\$ (0.01)	\$ 389.63	\$ 13,096.23		-	-
38	RT Net Inadvertent Amount	555.27	\$ 24,554.47	\$ (16,016.27)	\$ (1,283.89)	\$ 7,254.31		-	-
39	RT Uninstructed Deviation Amount	555.31	\$ -	\$ -	\$ -	\$ -		-	-
40	RT Demand Response Allocation Uplift Amount	555.59	\$ -	\$ -	\$ -	\$ -		-	-
41	DA Ramp Product Amount	555.63	\$ -	\$ (1,968.15)	\$ -	\$ (1,968.15)		-	-
42	RT Ramp Product Amount	555.64	\$ 305.09	\$ (300.22)	\$ -	\$ 4.87		-	-
43	<b>TOTAL</b>		<b>\$ 37,566.17</b>	<b>\$ (18,284.65)</b>	<b>\$ (894.26)</b>	<b>\$ 18,387.26</b>	<b>\$ -</b>	<b>-</b>	<b>-</b>
<b>ASM Charges</b>									
44	DA_ASM_REG	555.43	\$ -	\$ (4,700.94)	\$ -	\$ (4,700.94)		-	(246)
45	DA_ASM_SPIN	555.44	\$ -	\$ (21,716.11)	\$ -	\$ (21,716.11)		-	(7,271)
46	DA_ASM_SUPP	555.45	\$ -	\$ -	\$ -	\$ -		-	-
47	RT_ASM_REG	555.46	\$ 4,877.38	\$ (5,310.33)	\$ -	\$ (432.95)		209	(233)
48	RT_ASM_SPIN	555.47	\$ 5,452.02	\$ (1,182.49)	\$ -	\$ 4,269.53		1,610	(190)
49	RT_ASM_SUPP	555.48	\$ -	\$ -	\$ -	\$ -		-	-
50	RT_ASM_NRGA	555.49	\$ 245.74	\$ (130.33)	\$ -	\$ 115.41		-	-
51	RT_ASM_EXE_DFE_DEP	555.50	\$ 445.97	\$ (1.59)	\$ 0.16	\$ 444.54		-	-
52	RT_ASM_CRDFC	555.51	\$ -	\$ -	\$ -	\$ -		-	-
53	RT_ASM_REG_DIST	555.52	\$ 18,950.58	\$ (167.49)	\$ (10.34)	\$ 18,772.75		-	-
54	RT_ASM_SPIN_DIST	555.53	\$ 18,482.46	\$ (65.03)	\$ (49.40)	\$ 18,368.03		-	-

<b>Otter Tail Power Company</b>										
<b>Detail of MISO Day 2 Charges by Charge Group for Current Month - System</b>										
<b>December 2016 includes any adjustments</b>										
Charge Type Description	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)**		
	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	\$ 9,408.39	\$ (53.58)	\$ (13.67)	\$ 9,341.14			-	-
56	RT ASM Non-Excessive Energy Amount	555.55	\$ 732,453.65	\$ (250,551.64)	\$ (75.33)	\$ 481,826.68			35,011	(12,344)
57	RT ASM Excessive Energy Amount	555.56	\$ 39.35	\$ (73.27)	\$ -	\$ (33.92)			3	(15)
58	RT_ASM_MISC	555.25	\$ -	\$ -	\$ -	\$ -			-	-
59	<b>TOTAL</b>		<b>\$ 790,355.54</b>	<b>\$ (283,952.80)</b>	<b>\$ (148.58)</b>	<b>\$ 506,254.16</b>	<b>\$ -</b>	<b>\$ -</b>	<b>36,832</b>	<b>(20,298)</b>
<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 Loss Rebate on COGA	555.23	\$ -	\$ -	\$ -	\$ -			-	-
66	<b>TOTAL</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>-</b>
<b>... PROTECTED DATA ENDS]</b>										
67	<b>TOTAL MISO DAY 2 CHARGES</b>		<b>\$ 14,934,509.62</b>	<b>\$ (10,289,973.01)</b>	<b>\$ 29,174.88</b>	<b>\$ 4,673,711.49</b>	<b>\$ (517,485.27)</b>	<b>\$ 4,156,226.22</b>	<b>612,258</b>	<b>(428,625)</b>
68	<b>Less: MISO RSG Bad Debt</b>				<b>\$ -</b>	<b>\$ -</b>				
69	<b>TOTAL FOR ND COST OF ENERGY ADJUSTMENT</b>		<b>\$ 14,934,509.62</b>	<b>\$ (10,289,973.01)</b>	<b>\$ 29,174.88</b>	<b>\$ 4,673,711.49</b>				
70	Net MISO Charges for Retail = (B) + (C) + (D)			<b>\$ 4,673,711.49</b>						
71	Net KWH for retail = ((G) + (H)) * 1,000			183,633,381					<b>183,633,381</b>	
72	December covers time period of 11/23/2016 -- 12/26/2016 ** increased for losses of 2.8%									
			<b>Net Retail</b>	<b>Net MISO KWH</b>						
73	<b>MISO Book Totals</b>		<b>\$ 4,644,536.61</b>	<b>183,633,381</b>						
74	<b>MISO RSG Bad Debt</b>		<b>\$ -</b>							
75	<b>December Adjustments</b>		<b>\$ 29,174.88</b>	<b>1,800,455</b>						
76	<b>Total MISO</b>		<b>\$ 4,673,711.49</b>	<b>185,433,836</b>						

Otter Tail Power Company  
Plant Conditions for December 2016

Plant	Net MWh	Unit Availability	Equivalent Availability	Outage			Fuel Prices	
		%	%	Days	Type	Reason	%	Actual vs Budget
Big Stone	223,585	100.0	99.3				0.13	Over
Coyote	268,511	100.0	88.5				2.45	Under
Hoot Lake Unit 2	25,505	100.0	100.0				3.39	Over
Hoot Lake Unit 3	8,004	100.0	97.7				3.41	Over



215 S. Cascade Street, Fergus Falls MN 56537

Check No: **803033** 75-1592  
912

Date: 20-Jan-17

Pay to the  
Order of

NORTH DAKOTA PUBLIC SERVICE COMMISSION  
600 E BLVD AVE  
DEPT 408  
BISMARCK ND 58505-0408

Check Amount  
\$ \*\*\*\*\*600.00

U.S. BANK NA  
EAST GRAND FORKS MN 56721

49

*Jim Rogel*  
President

Six Hundred and 00/100-Dollars

⑈00803033⑈ ⑆091215927⑆ 152118010957⑈



215 S. Cascade Street, Fergus Falls MN 56537

20-Jan-17 Check No: **803033**

Invoice	Date	Description	Discount	Net
17-JAN-2017	01/17/17	2017 FILING FEE-FUEL COST ADJMT FILINGS	0.00	600.00
<b>TOTALS:</b>			<b>\$0.00</b>	<b>\$600.00</b>