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January 25, 2019

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

Dear Mr. Nitschke:

Enclosed is detail for determination of the Energy Adjustment Rider rates by Service Category based on the four months ending December 2018.

Per Commission approval in Case No. PU-17-398, the following changes to the Energy Adjustment Rider are reflected in the rates effective February 1, 2019:

1. All applicable revenues and costs allowed for recovery in the Energy Adjustment Rider will be recovered through a one-part fuel cost rate in the Energy Adjustment Rider rates. No fuel-related costs are recovered through base rates for service rendered on and after February 1, 2019.
2. The "E8760" Energy Adjustment Factor Ratios will be used to calculate the Class Energy Adjustment Factors (EAF) for each customer service category defined by Customer class. The Class Energy Adjustment Factors (EAF) are applicable on bills rendered on and after February 1, 2019.
3. The recovery of the reagent and emissions allowance costs are now recovered in the Energy Adjustment Rider. The Reagent and Emissions Allowance Adjustment Rider portion of the Environmental Cost Recovery Rider (Electric Rate Schedule Section 13.08) is no longer in effect.
4. The recovery of Coyote Station pebble lime reagent is no longer in base rates, but will be recovered in the Energy Adjustment Rider.

Information supporting the adjustments is enclosed. The costs reported in the supporting detail are based on the provisions of the Energy Adjustment Rider by Service Category approved by the Commission in the Order dated September 26, 2018, in Case No. PU-17-398.

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

- 1) Calculation of the February 2019 Energy Adjustment Rider based on the four-month period ending December 2018.

Included in this month's filing are three calculations, two of which are informational in nature to show what the Energy Adjustment Rider and the Reagent and Emissions Allowance Adjustment Rider amounts would have been prior to merging all recovery into the EAR:

- a. The Energy Adjustment Rider Calculation reflective of all changes noted above and the actual rates to be implemented effective February 2019.
 - b. For Informational purposes: the Energy Adjustment Rider including the addition of Coyote Station pebble lime.
 - c. For Informational purposes: the Reagent and Emission Allowance Adjustment Rider
- 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 2018 marked as Attachment E.

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- 7) Monthly Detail of Southwest Power Pool (SPP) Charges by Charge Group for Current Month and Year to Date marked as Attachment F. The SPP charges are included in Purchased Power line of Energy Adjustment Rider calculation.

Enclosed with this month's filing is a \$600 check for the 2019 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 BY SERVICE CATEGORY
 FOR BILLING TO BE EFFECTIVE FEBRUARY 1, 2019

Line	ENERGY COSTS & CREDITS	(A)	(B)	(C)	(D)	(E)
		2018	2018	2018	2018	Total
		September	October	November	December	This Period
1	Purchased Power	\$1,108,756	\$1,168,047	\$1,533,062	\$1,449,640	\$5,259,505
2	Wind Curtailment	\$27,243	\$80,194	(\$46,591)	\$208	\$61,053
3	Steam Plant Generation	\$3,870,168	\$3,460,443	\$4,799,485	\$6,152,126	\$18,282,222
4	Other Plant Generation	\$271,941	\$349,663	\$206,806	\$124,324	\$952,734
5	Hydro Plant Generation	\$0	\$0	\$0	\$0	\$0
6	Steam Plant Reagents	\$93,525	\$28,441	\$128,563	\$224,957	\$475,486
7	Coyote Lime	\$86,924	\$99,814	\$61,589	\$78,592	\$326,919
8	Emission Allowance Purchase	\$1,130	\$1,435	\$673	\$1,508	\$4,747
9	Less: Intersystem Sales	(\$809,700)	(\$363,675)	(\$267,611)	(\$327,495)	(\$1,768,481)
10	Net Retail MISO Day 2	\$2,185,403	\$5,446,094	\$7,552,635	\$3,992,561	\$19,176,693
11	Net Retail SPP	(\$101,501)	\$69,310	(\$58,843)	(\$140,595)	(\$231,630)
12	NET ENERGY COSTS	\$6,733,889	\$10,339,766	\$13,909,768	\$11,555,826	\$42,539,249

Line	ASSET-BASED MARGINS	2018	2018	2019	2019	Total
		November	December	January	February	This Period
13	Forecast of Margins - 85%	\$0	\$0	\$0	\$0	\$0
14	True-up of prior months margin forecast	(\$187,197)	(\$83,201)	(\$115,416)	(\$69,536)	(\$455,350)
15	Total Margin Credit	(\$187,197)	(\$83,201)	(\$115,416)	(\$69,536)	(\$455,350)

16a	Prior (over) under recovery (line 28)					\$7,160,074
16b	Prior (over) under recovery Reagents Costs and Credits Balance (line 34)					(\$188,009)
17	Adjusted Net Energy Costs (lines 12 + 15 + 16a + 16b)					<u>\$49,055,963</u>

Line	ENERGY -- KWH	2018	2018	2018	2018	Total
		September	October	November	December	This Period
18	Retail Sales - kWhs	358,664,864	351,799,001	413,796,707	426,917,113	1,551,177,685
19	System Delivered Cost per kWh					\$0.03163

20	Service Category	E2-E8760 Alloc. Ratio	Class Energy Adjustment Factor (EAF)
20a	Residential	1.0250	\$ 0.03242
20b	Farms	0.9690	\$ 0.03064
20c	General Service	1.0160	\$ 0.03213
20d	Large General Service	0.9670	\$ 0.03058
20e	Irrigation Services	0.9370	\$ 0.02963
20f	Outdoor Lighting	0.7840	\$ 0.02479
20g	OPA	1.0110	\$ 0.03197
20h	Controlled Service Water Heating	1.0350	\$ 0.03273
20i	Controlled Service Interruptible	1.0370	\$ 0.03280
20j	Controlled Service Deferred	0.9630	\$ 0.03045

TRUE UP FOR DECEMBER

21	Retail Sales (kWhs) (line 18, col D)	426,917,113
22	Net Energy Costs for the System -- Most recent month	\$11,167,568
23	Base Cost Recovered	\$10,385,613
24	Net to be Recovered from COE (line 22 - line 23)	\$781,955
25	COE Recovery Rate Effective for December	(\$0.00213)
26	Amount Recovered by COE (line 25 x line 21)	(\$909,334)
27	(Over) / Under Recovery (line 24 - line 26)	\$1,691,289
28	Cumulative (Over) / Under Recovery (prior month cumulative (over)/under)	\$7,160,074
29	Net Reagents Cost for the System - Most recent month	\$226,465
30	Reagents Effective for December	\$0.00029
31	Reagent Recovered	\$123,806
32	(Over) / Under Recovery	\$102,659
33	Cumulative (Over) / Under Recovery effective January 1, 2019	(\$290,668)
34	Cumulative (Over) / Under Recovery (prior monthly cumulative (over)/under)	(\$188,009)

FOR INFORMATIONAL PURPOSES

NORTH DAKOTA
 OTTER TAIL POWER COMPANY
 ENERGY ADJUSTMENT RIDER
FOR BILLING TO BE EFFECTIVE FEBRUARY 1, 2019

Line	ENERGY COSTS & CREDITS	(A)	(B)	(C)	(D)	(E)
		2018	2018	2018	2018	Total
		September	October	November	December	This Period
1	Purchased Power	\$1,007,255	\$1,237,357	\$1,474,218	\$1,309,045	\$5,027,875
2	Wind Curtailment	\$27,243	\$80,194	(\$46,591)	\$208	\$61,053
3	Steam Plant Generation	\$3,870,168	\$3,460,443	\$4,799,485	\$6,152,126	\$18,282,222
4	Other Plant Generation	\$271,941	\$349,663	\$206,806	\$124,324	\$952,734
5	Hydro Plant Generation	\$0	\$0	\$0	\$0	\$0
6	Steam Plant Reagents	\$0	\$0	\$0	\$0	\$0
7	Coyote Lime	\$86,924	\$99,814	\$61,589	\$78,592	\$326,919
8	Emission Allowance Purchase	\$0	\$0	\$0	\$0	\$0
9	Less: Intersystem Sales	(\$809,700)	(\$363,675)	(\$267,611)	(\$327,495)	(\$1,768,481)
10	Net Retail MISO Day 2	\$2,185,403	\$5,446,094	\$7,552,635	\$3,992,561	\$19,176,693
11	NET ENERGY COSTS	\$6,639,234	\$10,309,890	\$13,780,531	\$11,329,360	\$42,059,016

Line	ASSET-BASED MARGINS	2018	2018	2019	2019	Total
		November	December	January	February	This Period
12	Forecast of Margins - 85%	\$0	\$0	\$0	\$0	\$0
13	True-up of prior months margin forecast	(\$187,197)	(\$83,201)	(\$115,416)	(\$69,536)	(\$455,350)
14	Total Margin Credit	(\$187,197)	(\$83,201)	(\$115,416)	(\$69,536)	(\$455,350)
15	Prior (over) under recovery (line 26)					\$7,160,074
16	Adjusted Net Energy Costs (line 11 + line 14 + line 15)					\$48,763,739

Line	ENERGY -- KWH	2018	2018	2018	2018	Total
		September	October	November	December	This Period
17	Retail Sales - kWhs	358,664,864	351,799,001	413,796,707	426,917,113	1,551,177,685
18	Delivered Cost per kWh					\$0.03144

TRUE UP FOR DECEMBER

19	Retail Sales (kWhs) (line 17, col D)	426,917,113
20	Net Energy Costs for the System -- Most recent month	\$11,167,568
21	Base Cost Recovered	\$10,385,613
22	Net to be Recovered from COE (line 20 - line 21)	\$781,955
23	COE Recovery Rate Effective for December	(\$0.00213)
24	Amount Recovered by COE (line 23 x line 19)	(\$909,334)
25	(Over) / Under Recovery (line 22 - line 24)	\$1,691,289
26	Cumulative (Over) / Under Recovery (prior month cumulative (over)/under)	\$7,160,074

FOR INFORMATIONAL PURPOSES

NORTH DAKOTA
 OTTER TAIL POWER COMPANY
 PLANT REAGENT/EMISSIONS CALCULATION
FOR BILLING TO BE EFFECTIVE FEBRUARY 1, 2019

Line	<u>REAGENTS COSTS & CREDITS</u>	(A)	(B)	(C)	(D)	(E)
		2018	2018	2018	2018	Total
		September	October	November	December	This Period
1	Big Stone	\$61,337	\$0	\$90,976	\$196,805	\$349,118
2	Coyote	\$10,801	\$9,113	\$10,825	\$12,425	\$43,164
3	Hoot Lake	\$21,387	\$19,328	\$26,762	\$15,727	\$83,204
4	Hoot Lake Emissions Allowances	\$1,130	\$1,435	\$673	\$1,508	\$4,747
5	NET REAGENTS COSTS	\$94,655	\$29,876	\$129,236	\$226,465	\$480,233
6	Prior (over) under recovery (line 15)					<u>(\$188,009)</u>
7	Adjusted Net Reagents Costs (line 5 + line 6)					<u>\$292,224</u>

	2018	2018	2018	2018	Total	
	September	October	November	December	This Period	
<u>ENERGY -- KWH</u>						
8	Retail Sales - kWhs	358,664,864	351,799,001	413,796,707	426,917,113	1,551,177,685
9	Reagent Cost Adjustment -- Per kWh					\$0.00019

TRUE UP FOR DECEMBER

10	Retail Sales (kWhs) (line 8, col D)					426,917,113
11	Net Reagent Costs for the System -- Most recent month					\$226,465
12	Reagent Cost Adjustment Effective for December					\$0.00029
13	Amount Recovered by Reagent (line 10 x line 12)					\$123,806
14	(Over) / Under Recovery (line 11 - line 13)					\$102,659
15	Cumulative (Over) / Under Recovery (prior month cumulative (over)/under)					<u>(\$188,009)</u>

Otter Tail Power Company								
Monthly Detail of MISO Day 2 Charges by Charge Type for ND Energy Adjustment Rider - System								
December 2018 includes any adjustments								
No.	Charge Type Description	(A) Acct	(B) Total	(C) Energy Adjustment Rider		(D) Other	(E) Total	(F) Non-Energy Adj. Rider
				Retail				
1	DA Asset Energy Amount	555.02	\$ 3,773,376.78	\$ 3,978,456.94	\$ -	\$ -	\$ 3,978,456.94	\$ (205,080.16)
2	DA Non-asset Energy Amount	555.09	\$ (173,357.44)	\$ (173,357.44)	\$ -	\$ -	\$ (173,357.44)	\$ -
3	DA Virtual Energy Amount	555.12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	RT Asset Energy Amount	555.19	\$ (20,798.51)	\$ (20,798.51)	\$ -	\$ -	\$ (20,798.51)	\$ -
5	RT Non-Asset Energy Amount	555.26	\$ 129.50	\$ 129.50	\$ -	\$ -	\$ 129.50	\$ -
6	RT Virtual Energy Amount	555.32	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	ENERGY CHARGES TOTAL		\$ 3,579,350.33	\$ 3,784,430.49	\$ -	\$ -	\$ 3,784,430.49	\$ (205,080.16)
8	DA Mkt Admin Amount	555.01	\$ 89,386.89	\$ 88,731.48	\$ -	\$ -	\$ 88,731.48	\$ 655.41
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	\$ (305.40)	\$ (305.40)	\$ -	\$ -	\$ (305.40)	\$ -
16	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	\$ 19,454.01	\$ 18,846.83	\$ -	\$ -	\$ 18,846.83	\$ 607.18
17	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	\$ (385.60)	\$ (385.60)	\$ -	\$ -	\$ (385.60)	\$ -
18	FTR Mkt Admin Amount	555.13	\$ 1,302.48	\$ 1,302.48	\$ -	\$ -	\$ 1,302.48	\$ -
19	FTR Hourly Allocation Amount	555.14	\$ (129,025.91)	\$ (129,025.91)	\$ -	\$ -	\$ (129,025.91)	\$ -
20	FTR Monthly Allocation Amount	555.15	\$ (5,704.06)	\$ (5,704.06)	\$ -	\$ -	\$ (5,704.06)	\$ -
21	FTR Monthly Transaction Amount	555.35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
22	FTR Yearly Allocation Amount	555.17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23	RT Mkt Admin Amount	555.18	\$ 7,295.32	\$ 6,510.77	\$ -	\$ -	\$ 6,510.77	\$ 784.55
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	\$ (272,497.02)	\$ (272,497.02)	\$ -	\$ -	\$ (272,497.02)	\$ -
29	RT Misc Amount	555.25	\$ 42,071.83	\$ 42,071.83	\$ -	\$ -	\$ 42,071.83	\$ -
30	RT Net Inadvertent Amount	555.27	\$ 9,290.97	\$ 9,290.97	\$ -	\$ -	\$ 9,290.97	\$ -
31	RT Ramp Product	555.64	\$ (90.15)	\$ (90.15)	\$ -	\$ -	\$ (90.15)	\$ -
32	RT Revenue Neutrality Uplift Amount	555.28	\$ 60,329.28	\$ 58,445.88	\$ -	\$ -	\$ 58,445.88	\$ 1,883.40
33	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29	\$ 23,854.01	\$ 23,109.52	\$ -	\$ -	\$ 23,109.52	\$ 744.49
34	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	\$ (16,626.27)	\$ -	\$ -	\$ -	\$ -	\$ (16,626.27)
35	RT Uninstructed Deviation Amount	555.31	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36	FTR Full Funding Guarantee Amount	555.36	\$ (4,202.07)	\$ (4,202.07)	\$ -	\$ -	\$ (4,202.07)	\$ -
37	FTR Guarantee Uplift Amount	555.37	\$ 4,222.36	\$ 4,222.36	\$ -	\$ -	\$ 4,222.36	\$ -
38	FTR Auction Revenue Rights Transaction Amount	555.39	\$ (120,228.93)	\$ (120,228.93)	\$ -	\$ -	\$ (120,228.93)	\$ -
39	FTR Annual Transaction Amount	555.38	\$ 120,228.57	\$ 120,228.57	\$ -	\$ -	\$ 120,228.57	\$ -

Otter Tail Power Company								
Monthly Detail of MISO Day 2 Charges by Charge Type for ND Energy Adjustment Rider - System								
December 2018 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				
40	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	\$ 4,346.42	\$ 4,346.42	\$ -	\$ -	\$ 4,346.42	\$ -
41	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	\$ (29,289.43)	\$ (29,289.43)	\$ -	\$ -	\$ (29,289.43)	\$ -
42	RT Price Volatility Make Whole Payment	555.42	\$ (6,688.85)	\$ (6,480.01)	\$ -	\$ -	\$ (6,480.01)	\$ (208.84)
43	DA_ASM_REG	555.43	\$ (55,726.32)	\$ (55,726.32)	\$ -	\$ -	\$ (55,726.32)	\$ -
44	DA_ASM_SPIN	555.44	\$ (26,279.19)	\$ (26,279.19)	\$ -	\$ -	\$ (26,279.19)	\$ -
45	DA_ASM_SUPP	555.45	\$ (4,096.95)	\$ (4,096.95)	\$ -	\$ -	\$ (4,096.95)	\$ -
46	RT_ASM_REG	555.46	\$ 7,262.52	\$ 7,262.52	\$ -	\$ -	\$ 7,262.52	\$ -
47	RT_ASM_SPIN	555.47	\$ 1,519.16	\$ 1,519.16	\$ -	\$ -	\$ 1,519.16	\$ -
48	RT_ASM_SUPP	555.48	\$ 1,223.60	\$ 1,223.60	\$ -	\$ -	\$ 1,223.60	\$ -
49	RT_ASM_NRGA	555.49	\$ 1,293.90	\$ 1,293.90	\$ -	\$ -	\$ 1,293.90	\$ -
50	RT_ASM_EXE_DFE_DEP	555.50	\$ 1,929.09	\$ 1,929.09	\$ -	\$ -	\$ 1,929.09	\$ -
51	RT_ASM_CRDFC	555.51	\$ 98.09	\$ 98.09	\$ -	\$ -	\$ 98.09	\$ -
52	RT_ASM_REG_DIST	555.52	\$ 23,933.02	\$ 23,933.02	\$ -	\$ -	\$ 23,933.02	\$ -
53	RT_ASM_SPIN_DIST	555.53	\$ 21,146.52	\$ 21,146.52	\$ -	\$ -	\$ 21,146.52	\$ -
54	RT_ASM_SUPP_DIST	555.54	\$ 3,351.24	\$ 3,351.24	\$ -	\$ -	\$ 3,351.24	\$ -
55	RT ASM Non-Excessive Energy Amount	555.55	\$ 231,863.04	\$ 423,594.36	\$ -	\$ -	\$ 423,594.36	\$ (191,731.32)
56	RT ASM Excessive Energy Amount	555.56	\$ (550.54)	\$ (16.77)	\$ -	\$ -	\$ (16.77)	\$ (533.77)
57	RT_ASM_MISC	555.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
58	RT Demand Response Allocation Uplift Amount	555.59	\$ 0.16	\$ 0.16	\$ -	\$ -	\$ 0.16	\$ -
59	ENERGY CHARGES TOTAL		\$ 3,705.79	\$ 208,130.96	\$ -	\$ -	\$ 208,130.96	\$ (204,425.17)
60	TOTAL MISO DAY 2 CHARGES		\$ 3,583,056.12	\$ 3,992,561.45	\$ -	\$ -	\$ 3,992,561.45	\$ (409,505.33)
61	Less: MISO RSG Bad Debt		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
62	TOTAL FOR ND COST OF ENERGY ADJUSTMENT		\$ 3,583,056.12	\$ 3,992,561.45	\$ -	\$ -	\$ 3,992,561.45	\$ (409,505.33)

Otter Tail Power Company Monthly MISO Day 2 Charges for ND Energy Adjustment Rider - System January - December 2018 Includes Any Adjustments															
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														
1	DA Asset Energy Amount	555.02	\$ 5,335,812.71	\$ 3,503,515.32	\$ 2,648,996.84	\$ 3,284,199.06	\$ 1,936,871.91	\$ 1,795,738.85	\$ 1,878,059.60	\$ 1,879,896.84	\$ 1,787,046.36	\$ 5,673,759.60	\$ 6,505,574.03	\$ 3,978,456.94	\$ 40,207,928.06
2	DA FBT Loss Amount	555.04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	DA Non-asset Energy Amount	555.09	\$ (163,869.40)	\$ (113,957.88)	\$ (109,993.71)	\$ (109,045.55)	\$ (102,425.54)	\$ (105,631.14)	\$ (128,994.54)	\$ (121,640.27)	\$ (109,195.65)	\$ (127,743.64)	\$ (142,469.81)	\$ (173,357.44)	\$ (1,508,324.57)
4	RT Asset Energy Amount	555.19	\$ (1,725,443.82)	\$ 461,948.74	\$ 1,369,279.85	\$ (34,912.83)	\$ (4,991.09)	\$ 185,078.01	\$ (222,633.89)	\$ (126,743.26)	\$ 323,512.45	\$ 119,452.70	\$ 459,583.72	\$ (20,798.51)	\$ 783,332.07
5	RT Distribution of Losses Amount	555.24	\$ (342,755.84)	\$ (212,288.58)	\$ (134,687.00)	\$ (138,871.10)	\$ (90,166.13)	\$ (143,764.78)	\$ (170,283.39)	\$ (167,389.86)	\$ (112,572.68)	\$ (128,117.86)	\$ (181,634.64)	\$ (272,497.02)	\$ (2,095,037.88)
6	RT FBT Loss Amount	555.21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	RT Non-Asset Energy Amount	555.26	\$ 12.63	\$ 197.04	\$ (0.45)	\$ 422.87	\$ 7.66	\$ 16.10	\$ 106.20	\$ 1,774.73	\$ 4.72	\$ 137.86	\$ 6.85	\$ 129.50	\$ 2,815.71
8	TOTAL		\$ 3,103,756.28	\$ 3,639,414.64	\$ 3,773,595.53	\$ 3,001,792.45	\$ 1,739,296.81	\$ 1,731,437.04	\$ 1,356,253.98	\$ 1,465,889.18	\$ 1,888,795.20	\$ 5,537,488.66	\$ 6,641,060.15	\$ 3,511,933.47	\$ 37,390,713.39
9	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	\$ 67,021.30	\$ 56,503.05	\$ 72,424.63	\$ 84,027.59	\$ 55,486.68	\$ 52,265.22	\$ 59,215.75	\$ 47,413.32	\$ 45,497.35	\$ 66,431.50	\$ 79,462.34	\$ 88,731.48	\$ 774,480.21
13	RT Mkt Admin Amount	555.18	\$ 6,102.05	\$ 3,552.58	\$ 3,935.57	\$ 6,282.43	\$ 5,941.82	\$ 4,388.46	\$ 5,677.77	\$ 3,351.95	\$ 5,314.75	\$ 5,445.91	\$ 8,769.53	\$ 6,510.77	\$ 65,273.59
14	FTR Mkt Admin Amount	555.13	\$ 1,279.20	\$ 1,757.44	\$ 1,177.92	\$ 1,618.08	\$ 1,179.52	\$ 1,577.20	\$ 2,021.76	\$ 1,803.44	\$ 1,590.08	\$ 1,235.28	\$ 906.24	\$ 1,302.48	\$ 17,448.64
15	TOTAL		\$ 74,402.55	\$ 61,813.07	\$ 77,538.12	\$ 91,928.10	\$ 62,608.02	\$ 58,230.88	\$ 66,915.28	\$ 52,568.71	\$ 52,402.18	\$ 73,112.69	\$ 89,138.11	\$ 96,544.73	\$ 857,202.44
Congest & FTRs															
16	DA FBT Congestion Amount	555.03	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17	RT FBT Congestion Amount	555.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18	FTR Hourly Allocation Amount	555.14	\$ (92,735.58)	\$ (77,530.04)	\$ (21,322.38)	\$ 9,437.11	\$ (108,055.96)	\$ (182,939.97)	\$ (100,993.26)	\$ (137,105.97)	\$ (204,368.14)	\$ (328,804.99)	\$ (103,639.19)	\$ (129,025.91)	\$ (1,477,084.28)
19	FTR Monthly Allocation Amount	555.15	\$ (6,322.16)	\$ (9,163.62)	\$ (6,424.81)	\$ (3,511.31)	\$ (5,192.71)	\$ (6,959.31)	\$ (608.33)	\$ (9,202.33)	\$ (4,090.53)	\$ (8,801.54)	\$ (13,040.38)	\$ (5,704.06)	\$ (79,021.09)
20	FTR Yearly Allocation Amount	555.17	\$ -	\$ -	\$ -	\$ (36,771.13)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (98,479.87)
21	FTR Monthly Transaction Amount	555.35	\$ -	\$ -	\$ (19,800.26)	\$ (19,957.94)	\$ (9,911.04)	\$ -	\$ -	\$ -	\$ -	\$ (48,810.63)	\$ -	\$ -	\$ -
22	FTR Full Funding Guarantee Amount	555.36	\$ 343.98	\$ (4,425.12)	\$ (3,154.08)	\$ 29,737.86	\$ (5,623.72)	\$ 1,488.58	\$ (2,596.81)	\$ (271.01)	\$ (402.14)	\$ (10,225.24)	\$ 7,623.85	\$ (4,202.07)	\$ 8,294.08
23	FTR Guarantee Uplift Amount	555.37	\$ 3,105.85	\$ 4,425.12	\$ 3,260.25	\$ (23,143.92)	\$ 4,546.91	\$ (1,680.17)	\$ 2,596.72	\$ 271.01	\$ 402.14	\$ 10,225.24	\$ (7,722.26)	\$ 4,222.36	\$ (8,490.75)
24	FTR Auction Revenue Rights Transaction Amount	555.39	\$ (208,418.00)	\$ (208,418.00)	\$ (254,012.49)	\$ (254,012.49)	\$ (254,012.49)	\$ (147,040.15)	\$ (147,040.15)	\$ (147,040.15)	\$ (254,454.52)	\$ (254,454.52)	\$ (254,454.52)	\$ (120,228.93)	\$ (2,503,332.41)
25	FTR Annual Transaction Amount	555.38	\$ 208,520.85	\$ 208,520.85	\$ 254,011.82	\$ 254,011.82	\$ 254,011.82	\$ 145,275.97	\$ 145,275.97	\$ 145,275.97	\$ 254,454.83	\$ 254,454.83	\$ 254,454.83	\$ 120,228.57	\$ 2,498,497.73
26	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	\$ 3,919.50	\$ 3,918.96	\$ 2,885.71	\$ 2,886.24	\$ 2,886.23	\$ 4,175.62	\$ 4,175.62	\$ 4,175.62	\$ 13,214.72	\$ 13,214.72	\$ 13,214.72	\$ 4,346.42	\$ 73,014.08
27	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	\$ (30,063.26)	\$ (30,038.26)	\$ (20,411.86)	\$ (20,243.26)	\$ (20,295.27)	\$ (35,930.73)	\$ (35,930.73)	\$ (35,930.73)	\$ (23,323.39)	\$ (23,323.39)	\$ (23,323.39)	\$ (29,289.43)	\$ (328,103.61)
28	TOTAL		\$ (121,647.02)	\$ (112,708.31)	\$ (64,968.10)	\$ (70,567.02)	\$ (141,646.23)	\$ (223,610.16)	\$ (135,120.97)	\$ (179,827.62)	\$ (218,567.03)	\$ (396,525.46)	\$ (126,886.28)	\$ (159,653.05)	\$ (1,951,727.25)
RSG & Make Whole Payments															
29	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	\$ 22,952.83	\$ 10,170.15	\$ 11,301.31	\$ 12,656.49	\$ 7,960.68	\$ 7,422.66	\$ 7,078.87	\$ 5,570.99	\$ 4,389.42	\$ 8,219.57	\$ 14,437.77	\$ 18,846.83	\$ 131,007.57
30	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	\$ (347.07)	\$ (87.65)	\$ (1,224.37)	\$ (66.70)	\$ (2,497.97)	\$ (6,593.46)	\$ (5,936.46)	\$ (2,163.31)	\$ (1,831.73)	\$ (10,935.60)	\$ (4,126.44)	\$ (3,985.60)	\$ (33,941.57)
31	RT Revenue Sufficiency Guarantee First Pass Distribution Amou	555.29	\$ 88,248.98	\$ 9,062.12	\$ 11,801.19	\$ 36,995.90	\$ 25,040.53	\$ 21,615.72	\$ 44,471.66	\$ 50,369.47	\$ 39,779.27	\$ 21,276.44	\$ 46,463.19	\$ 23,109.52	\$ 418,233.99
32	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
33	RT Price Volatility Make Whole Payment	555.42	\$ (39,620.11)	\$ (24,304.98)	\$ (16,353.67)	\$ (23,259.17)	\$ (18,065.47)	\$ (12,768.15)	\$ (31,875.83)	\$ (7,314.88)	\$ (10,433.89)	\$ (9,354.29)	\$ (3,842.14)	\$ (6,480.01)	\$ (203,672.59)
34	TOTAL		\$ 71,234.63	\$ 5,160.36	\$ 5,234.66	\$ 26,326.62	\$ 12,437.77	\$ 12,990.64	\$ 13,081.24	\$ 46,460.19	\$ 31,903.07	\$ 9,206.12	\$ 62,932.38	\$ 35,090.74	\$ 317,627.40
Revenue Neutrality Uplift															
35	RT Revenue Neutrality Uplift Amount	555.28	\$ 36,871.20	\$ 28,568.03	\$ 70,758.70	\$ 47,738.94	\$ 23,409.07	\$ 124,602.86	\$ 36,863.31	\$ 4,008.67	\$ 3,004.13	\$ 62,272.12	\$ 46,012.18	\$ 58,445.88	\$ 542,555.09
36	TOTAL		\$ 36,871.20	\$ 28,568.03	\$ 70,758.70	\$ 47,738.94	\$ 23,409.07	\$ 124,602.86	\$ 36,863.31	\$ 4,008.67	\$ 3,004.13	\$ 62,272.12	\$ 46,012.18	\$ 58,445.88	\$ 542,555.09
Other Charges															
37	RT Misc Amount	555.25	\$ 8,244.49	\$ 25,811.61	\$ 18,854.87	\$ 33,411.73	\$ 12,846.13	\$ 26,368.29	\$ 38,579.67	\$ 10,876.97	\$ 20,846.14	\$ 10,608.67	\$ 18,720.68	\$ 42,071.83	\$ 269,241.02
38	RT Net Inadvertent Amount	555.27	\$ 4,390.04	\$ 5,935.79	\$ 10,117.82	\$ 8,170.52	\$ 1,145.47	\$ (5,401.58)	\$ 14,825.26	\$ 5,814.87	\$ (6,748.09)	\$ 2,829.87	\$ (8,047.92)	\$ 9,290.97	\$ 42,323.02
39	RT Uninstructed Deviation Amount	555.31	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40	RT Demand Response Allocation Uplift Amount	555.59	\$ -	\$ -	\$ -	\$ 0.02	\$ -	\$ -	\$ (0.03)	\$ -	\$ -	\$ (0.92)	\$ (0.02)	\$ 0.16	\$ (0.79)
41	DA Ramp Product Amount	555.63	\$ (1,758.72)	\$ (666.07)	\$ (2,599.75)	\$ (2,941.81)	\$ (2,863.65)	\$ (2,661.26)	\$ (2,660.90)	\$ (1,613.24)	\$ (2,419.23)	\$ (1,108.95)	\$ (492.69)	\$ (305.40)	\$ (22,091.67)
42	RT Ramp Product Amount	555.64	\$ 19.37	\$ 220.74	\$ 370.48	\$ 766.17	\$ 49.05	\$ 345.12	\$ (533.02)	\$ (94.84)	\$ (733.58)	\$ (9.13)	\$ (68.06)	\$ (90.15)	\$ 242.15
43	TOTAL		\$ 10,895.18	\$ 31,302.07	\$ 26,743.42	\$ 39,406.63	\$ 11,777.00	\$ 20,650.57	\$ 50,210.98	\$ 14,983.76	\$ 10,945.24	\$ 12,319.54	\$ 10,111.99	\$ 50,967.41	\$ 289,713.79
ASM Charges															
44	DA_ASM_REG	555.43	\$ (10,258.62)	\$ (25,884.02)	\$ (29,069.13)	\$ (34,808.47)	\$ (61,690.97)	\$ (57,678.60)	\$ (49,893.88)	\$ (45,040.67)	\$ (39,687.50)	\$ (8,259.00)	\$ (12,973.81)	\$ (55,726.32)	\$ (430,970.99)
45	DA_ASM_SPIN	555.44	\$ (23,890.54)	\$ (11,131.20)	\$ (19,220.67)	\$ (26,629.00)	\$ (23,473.20)	\$ (33,275.48)	\$ (22,829.26)	\$ (27,258.04)	\$ (24,996.55)	\$ (38,059.29)	\$ (23,438.35)	\$ (26,279.19)	\$ (300,480.77)
46	DA_ASM_SUPP	555.45	\$ (305.46)	\$ -	\$ -	\$ -	\$ -	\$ (4,480.42)	\$ (6,051.72)	\$ (6,542.66)	\$ (16,773.99)	\$ (7,593.06)	\$ (4,096.95)	\$ (48,787.23)	
47	RT_ASM_REG	555.46	\$ (15,807.79)	\$ 12,405.15	\$ 11,530.00	\$ 325.95	\$ 2,296.16	\$ 67.55	\$ 1,099.37	\$ (7,128.04)	\$ (7,135.37)	\$ (6,226.14)	\$ 3,150.65	\$ 7,262.52	\$ 1,840.01
48	RT_ASM_SPIN	555.47	\$ (12,486.67)	\$ 1,473.23	\$ (1,019.87)	\$ 6,181.33	\$ 7,367.85	\$ 4,506.13	\$ 214.56	\$ 612.92	\$ 173.22	\$ 1,834.50	\$ 2,029.86	\$ 1,519.16	\$ 12,406.25
49	RT_ASM_SUPP	555.48	\$ 123.13	\$ -	\$ -	\$ -	\$ 126.41	\$ -	\$ 1,065.35	\$ 4,946.98	\$ 6,880.60	\$ 849.72	\$ 1,128.46	\$ 1,223.60	\$ 16,344.25
50	RT_ASM_NRGA	555.49	\$ 1,267.97	\$ 632.81	\$ (735.82)	\$ (227.88)	\$ 751.04	\$ 405.72	\$ 4,281.99	\$ 7,664.97	\$ 4,430.12	\$ 395.60	\$ (22.40)	\$ 1,293.90	\$ 20,138.02
51	RT_ASM_EXE_DFE_DEP	555.50	\$ 519.95	\$ 1,765.69	\$ 825.54	\$ 1,859.56	\$ 4,272.39	\$ 3,539.78	\$ 3,778.23	\$ 7,247.60	\$ 1,900.43	\$ 1,284.37	\$ 734.32	\$ 1,929.09	\$ 29,656.95
52	RT_ASM_CRDFC	555.51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,418.42	\$ 16,000.27	\$ -	\$ -	\$ 98.09	\$ 18,516.78
53	RT_ASM_REG_DIST	555.52	\$ 22,893.03	\$ 15,711.16	\$ 15,997.97	\$ 16,370.65	\$ 14,239.85	\$ 12,422.14	\$ 11,687.20	\$ 10,729.03	\$ 10,102.80	\$ 17,722.04	\$ 21,321.61	\$ 23,933.02	\$ 193,130.50
54	RT_ASM_SP														

Otter Tail Power Company Monthly MISO Day 2 Charges for ND Non-Energy Adjustment Rider - System January - December 2018 Includes Any Adjustments																
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															
1	DA Asset Energy Amount	555.02	\$ (79,827.72)	\$ (12,416.72)	\$ (32,966.92)	\$ (108,385.74)	\$ (911,810.38)	\$ (794,384.63)	\$ (645,119.34)	\$ (666,826.41)	\$ (1,012,471.30)	\$ (380,706.48)	\$ (224,838.08)	\$ (205,080.16)	\$ (5,074,833.88)	
2	DA FBT Loss Amount	555.04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
3	DA Non-asset Energy Amount	555.09	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
4	RT Asset Energy Amount	555.19	\$ 849.03	\$ 627.51	\$ 361.73	\$ 1,821.85	\$ 1,589.89	\$ 1,661.04	\$ 1,274.74	\$ 942.48	\$ 1,644.21	\$ 772.53	\$ 1,985.40	\$ 784.55	\$ 14,314.96	
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		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (5,060,818.92)	
Virtual Energy																
9	DA Virtual Energy Amount	555.12	\$ (6.40)	\$ (58.13)	\$ (77.58)	\$ -	\$ (955.62)	\$ (463.05)	\$ (1,891.22)	\$ (544.12)	\$ (3,202.99)	\$ (207.19)	\$ (235.42)	\$ -	\$ (7,641.72)	
10	RT Virtual Energy Amount	555.32	\$ (17,921.49)	\$ (2,368.40)	\$ (9,619.60)	\$ (7,599.39)	\$ (2,249.88)	\$ (11,084.76)	\$ (28,193.73)	\$ (8,120.40)	\$ (39,162.12)	\$ (10,155.71)	\$ (19,672.68)	\$ (16,626.27)	\$ (172,774.43)	
11	TOTAL		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (180,416.15)	
Schedules 16 & 17																
12	DA Mkt Admin Amount	555.01	\$ 115.64	\$ 37.87	\$ 122.03	\$ 423.24	\$ 2,500.68	\$ 2,112.50	\$ 1,426.89	\$ 1,447.02	\$ 3,288.03	\$ 1,308.20	\$ 1,039.94	\$ 655.41	\$ 14,477.45	
13	RT Mkt Admin Amount	555.18	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
14	FTR Mkt Admin Amount	555.13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
15	TOTAL		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,477.45	
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		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
RS&G & Make Whole Payments																
29	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
30	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	\$ 586.17	\$ 245.69	\$ 307.27	\$ 499.96	\$ 730.63	\$ 739.26	\$ 532.34	\$ 419.06	\$ 448.06	\$ 326.63	\$ 599.71	\$ 607.18	\$ 6,041.96	
31	RT Revenue Sufficiency Guarantee First Pass Distribution Amou	555.29	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
32	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	\$ 941.96	\$ 690.52	\$ 1,924.69	\$ 1,886.11	\$ 2,148.68	\$ 12,412.07	\$ 2,772.81	\$ 301.39	\$ 306.41	\$ 2,476.11	\$ 1,911.64	\$ 1,883.40	\$ 29,655.79	
33	RT Price Volatility Make Whole Payment	555.42	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
34	TOTAL		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,697.75	
Revenue Neutrality Uplift																
35	RT Revenue Neutrality Uplift Amount	555.28	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
36	TOTAL		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Other Charges																
37	RT Misc Amount	555.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
38	RT Net Inadvertent Amount	555.27	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
39	RT Uninstructed Deviation Amount	555.31	\$ 2,254.50	\$ 218.94	\$ 320.79	\$ 1,461.54	\$ 2,298.64	\$ 2,153.15	\$ 3,344.91	\$ 3,790.08	\$ 4,061.32	\$ 845.79	\$ 1,930.54	\$ 744.49	\$ 23,424.69	
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		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,424.69	
ASM Charges																
44	DA_ASM_REG	555.43	\$ (255,813.55)	\$ (275,941.07)	\$ (270,105.71)	\$ (306,485.05)	\$ (104,278.71)	\$ (257,381.81)	\$ (227,701.10)	\$ (150,773.03)	\$ 15,580.35	\$ (76,079.22)	\$ (166,027.33)	\$ (191,731.32)	\$ (2,266,737.55)	
45	DA_ASM_SPIN	555.44	\$ (397.25)	\$ (28.60)	\$ (77.97)	\$ (937.00)	\$ (1,429.37)	\$ (307.86)	\$ 799.82	\$ (106.39)	\$ (142.65)	\$ (59.99)	\$ (286.06)	\$ (533.77)	\$ (3,507.09)	
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	\$ (1,012.23)	\$ (587.56)	\$ (444.85)	\$ (918.97)	\$ (1,658.37)	\$ (1,271.89)	\$ (2,397.77)	\$ (550.47)	\$ (1,065.31)	\$ (371.95)	\$ (159.63)	\$ (208.84)	\$ (10,647.84)	
58	RT_ASM_MISC	555.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
59	TOTAL		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (2,280,892.48)	
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		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
67	TOTAL MISO DAY 2 CHARGES - Non-Energy Adjustment Rider		\$ (350,231.34)	\$ (289,579.95)	\$ (310,256.12)	\$ (418,233.45)	\$ (1,013,113.81)	\$ (1,045,815.98)	\$ (895,151.65)	\$ (820,020.79)	\$ (1,030,715.99)	\$ (461,851.28)	\$ (403,751.97)	\$ (409,505.33)	\$ (7,448,227.66)	
68	TOTAL FOR ND NON-ENERGY ADJUSTMENT RIDER		\$ (350,231.34)	\$ (289,579.95)	\$ (310,256.12)	\$ (418,233.45)	\$ (1,013,113.81)	\$ (1,045,815.98)	\$ (895,151.65)	\$ (820,020.79)	\$ (1,030,715.99)	\$ (461,851.28)	\$ (403,751.97)	\$ (409,505.33)	\$ (7,448,227.66)	

Otter Tail Power Company										
Detail of MISO Day 2 Charges by Charge Group for Current Month - System										
December 2018 includes any adjustments										
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	
No.	Day Ahead & Real Time Asset & Non Asset Energy & Loss									
1	DA Asset Energy Amount	555.02	\$ 16,402,684.97	\$ (12,424,228.03)	\$ -	\$ 3,978,456.94	\$ (205,080.16)	\$ 3,773,376.78	531,608	(429,775)
2	DA FBT Loss Amount	555.04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
3	DA Non-asset Energy Amount	555.09	\$ -	\$ (173,357.44)	\$ -	\$ (173,357.44)	\$ -	\$ (173,357.44)	-	(5,580)
4	RT Asset Energy Amount	555.19	\$ 188,271.05	\$ (463,840.07)	\$ 254,770.51	\$ (20,798.51)	\$ -	\$ (20,798.51)	6,032	(16,016)
5	RT Distribution of Losses Amount	555.24	\$ 4,317.46	\$ (269,785.08)	\$ (7,029.40)	\$ (272,497.02)	\$ -	\$ (272,497.02)	-	-
6	RT FBT Loss Amount	555.21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
7	RT Non-Asset Energy Amount	555.26	\$ 129.50	\$ -	\$ -	\$ 129.50	\$ -	\$ 129.50	6	-
8	TOTAL		\$ 16,595,402.98	\$ (13,331,210.62)	\$ 247,741.11	\$ 3,511,933.47	\$ (205,080.16)	\$ 3,306,853.31	537,646	(451,370)
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	\$ 88,731.48	\$ -	\$ -	\$ 88,731.48	\$ 655.41	\$ 89,386.89	-	-
13	RT Mkt Admin Amount	555.18	\$ 6,173.48	\$ -	\$ 337.29	\$ 6,510.77	\$ 784.55	\$ 7,295.32	-	-
14	FTR_Mkt Admin Amount	555.13	\$ 1,302.48	\$ -	\$ -	\$ 1,302.48	\$ -	\$ 1,302.48	-	-
15	TOTAL		\$ 96,207.44	\$ -	\$ 337.29	\$ 96,544.73	\$ 1,439.96	\$ 97,984.69	-	-
Congest & FTRs										
16	DA FBT Congestion Amount	555.03	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
17	RT FBT Congestion Amount	555.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
18	FTR Hourly Allocation Amount	555.14	\$ 69,942.04	\$ (198,967.95)	\$ -	\$ (129,025.91)	\$ -	\$ (129,025.91)	-	-
19	FTR Monthly Allocation Amount	555.15	\$ -	\$ (5,704.06)	\$ -	\$ (5,704.06)	\$ -	\$ (5,704.06)	-	-
20	FTR Yearly Allocation Amount	555.17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
21	FTR Monthly Transaction Amount	555.35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
22	FTR Full Funding Guarantee Amount	555.36	\$ 5,694.17	\$ (9,896.24)	\$ -	\$ (4,202.07)	\$ -	\$ (4,202.07)	-	-
23	FTR Guarantee Uplift Amount	555.37	\$ 9,896.24	\$ (5,673.89)	\$ 0.01	\$ 4,222.36	\$ -	\$ 4,222.36	-	-
24	FTR Auction Revenue Rights Transaction Amount	555.39	\$ 17,029.34	\$ (137,258.27)	\$ -	\$ (120,228.93)	\$ -	\$ (120,228.93)	-	-
25	FTR Annual Transaction Amount	555.38	\$ 138,135.54	\$ (17,906.97)	\$ -	\$ 120,228.57	\$ -	\$ 120,228.57	-	-
26	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	\$ 4,346.42	\$ -	\$ -	\$ 4,346.42	\$ -	\$ 4,346.42	-	-
27	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	\$ -	\$ (29,486.61)	\$ 197.18	\$ (29,289.43)	\$ -	\$ (29,289.43)	-	-
28	TOTAL		\$ 245,043.75	\$ (404,893.99)	\$ 197.19	\$ (159,653.05)	\$ -	\$ (159,653.05)	-	-
RSG & Make Whole Payments										
29	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	\$ 18,854.59	\$ -	\$ (7.76)	\$ 18,846.83	\$ 607.18	\$ 19,454.01	-	-
30	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	\$ -	\$ (385.60)	\$ -	\$ (385.60)	\$ -	\$ (385.60)	-	-
31	RT Revenue Sufficiency Guarantee First Pass Distribution Amou	555.29	\$ 20,715.12	\$ -	\$ 2,394.40	\$ 23,109.52	\$ 744.49	\$ 23,854.01	-	-
32	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	\$ -	\$ -	\$ -	\$ -	\$ (16,626.27)	\$ (16,626.27)	-	-
33	RT Price Volatility Make Whole Payment	555.42	\$ -	\$ (6,481.33)	\$ 1.32	\$ (6,480.01)	\$ (208.84)	\$ (6,688.85)	-	-
34	TOTAL		\$ 39,569.71	\$ (6,866.93)	\$ 2,387.96	\$ 35,090.74	\$ (15,483.44)	\$ 19,607.30	-	-
Revenue Neutrality Uplift										
35	RT Revenue Neutrality Uplift Amount	555.28	\$ 78,159.30	\$ (21,251.00)	\$ 1,537.58	\$ 58,445.88	\$ 1,883.40	\$ 60,329.28	-	-
36	TOTAL		\$ 78,159.30	\$ (21,251.00)	\$ 1,537.58	\$ 58,445.88	\$ 1,883.40	\$ 60,329.28	-	-
Other Charges										
37	RT Misc Amount	555.25	\$ -	\$ -	\$ 42,071.83	\$ 42,071.83	\$ -	\$ 42,071.83	-	-
38	RT Net Inadvertent Amount	555.27	\$ 15,903.45	\$ (4,585.38)	\$ (2,027.10)	\$ 9,290.97	\$ -	\$ 9,290.97	-	-
39	RT Uninstructed Deviation Amount	555.31	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
40	RT Demand Response Allocation Uplift Amount	555.59	\$ -	\$ -	\$ 0.16	\$ 0.16	\$ -	\$ 0.16	-	-
41	DA Ramp Product Amount	555.63	\$ -	\$ (305.40)	\$ -	\$ (305.40)	\$ -	\$ (305.40)	-	-
42	RT Ramp Product Amount	555.64	\$ 4.06	\$ (94.21)	\$ -	\$ (90.15)	\$ -	\$ (90.15)	-	-
43	TOTAL		\$ 15,907.51	\$ (4,984.99)	\$ 40,044.89	\$ 50,967.41	\$ -	\$ 50,967.41	-	-
ASM Charges										
44	DA_ASM_REG	555.43	\$ -	\$ (55,726.32)	\$ -	\$ (55,726.32)	\$ -	\$ (55,726.32)	-	(5,193)
45	DA_ASM_SPIN	555.44	\$ -	\$ (26,279.19)	\$ -	\$ (26,279.19)	\$ -	\$ (26,279.19)	-	(7,743)
46	DA_ASM_SUPP	555.45	\$ -	\$ (4,096.95)	\$ -	\$ (4,096.95)	\$ -	\$ (4,096.95)	-	(9,624)
47	RT_ASM_REG	555.46	\$ 15,010.92	\$ (7,748.40)	\$ -	\$ 7,262.52	\$ -	\$ 7,262.52	-	-
48	RT_ASM_SPIN	555.47	\$ 1,852.58	\$ (333.42)	\$ -	\$ 1,519.16	\$ -	\$ 1,519.16	-	-
49	RT_ASM_SUPP	555.48	\$ 1,223.82	\$ (0.22)	\$ -	\$ 1,223.60	\$ -	\$ 1,223.60	-	-
50	RT_ASM_NRGA	555.49	\$ 2,102.22	\$ (808.32)	\$ -	\$ 1,293.90	\$ -	\$ 1,293.90	-	-
51	RT_ASM_EXE_DFE_DEP	555.50	\$ 1,926.63	\$ (0.03)	\$ 2.49	\$ 1,929.09	\$ -	\$ 1,929.09	-	-
52	RT_ASM_CRDFC	555.51	\$ 98.09	\$ -	\$ -	\$ 98.09	\$ -	\$ 98.09	-	-

Otter Tail Power Company										
Detail of MISO Day 2 Charges by Charge Group for Current Month - System										
December 2018 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		
53	RT_ASM_REG_DIST	555.52	\$ 23,860.81	\$ (243.38)	\$ 315.59	\$ 23,933.02	\$ -	\$ 23,933.02	-	-
54	RT_ASM_SPIN_DIST	555.53	\$ 20,853.16	\$ (276.27)	\$ 569.63	\$ 21,146.52	\$ -	\$ 21,146.52	-	-
55	RT_ASM_SUPP_DIST	555.54	\$ 3,303.69	\$ (32.24)	\$ 79.79	\$ 3,351.24	\$ -	\$ 3,351.24	-	-
56	RT ASM Non-Excessive Energy Amount	555.55	\$ 689,583.35	\$ (268,157.94)	\$ 2,168.95	\$ 423,594.36	\$ (191,731.32)	\$ 231,863.04	27,976	(9,468)
57	RT ASM Excessive Energy Amount	555.56	\$ 5.66	\$ (32.28)	\$ 9.85	\$ (16.77)	\$ (533.77)	\$ (550.54)	-	(65)
58	RT_ASM_MISC	555.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
59	TOTAL		\$ 759,820.93	\$ (363,734.96)	\$ 3,146.30	\$ 399,232.27	\$ (192,265.09)	\$ 206,967.18	27,976	(32,093)
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		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
67	TOTAL MISO DAY 2 CHARGES		\$ 17,830,111.62	\$ (14,132,942.49)	\$ 295,392.32	\$ 3,992,561.45	\$ (409,505.33)	\$ 3,583,056.12	565,622	(483,463)
68	Less: MISO RSG Bad Debt				\$ -	\$ -				
69	TOTAL FOR ND COST OF ENERGY ADJUSTMENT		\$ 17,830,111.62	\$ (14,132,942.49)	\$ 295,392.32	\$ 3,992,561.45				
70	Net MISO Charges for Retail = (B) + (C) + (D)			\$ 3,992,561.45						
71	Net KWH for retail = ((G) + (H)) * 1,000			82,158,453					82,158,453	
72	December covers time period of 11/23/2018 -- 12/25/2018 ** increased for losses of 2.8%									
73	MISO Book Totals		\$ 3,697,169.13	82,158,453						
74	MISO RSG Bad Debt		\$ -							
75	December Adjustments		\$ 295,392.32	8,534,771						
76	Total MISO		\$ 3,992,561.45	90,693,223						

Otter Tail Power Company
Plant Conditions for December 2018

Plant	Net MWh	Unit Availability	Equivalent Availability	Outage			Fuel Prices	
		%	%	Days	Type	Reason	%	Actual vs Budget
Big Stone	168,616	100.0	98.8				4.32	Under
Coyote	95,507	88.8	86.6	3.46	Scheduled	Boiler wash	16.85	Under
Hoot Lake Unit 2	30,572	93.9	91.9	1.89	Forced	Boiler poke out and tube repair	28.28	Under
Hoot Lake Unit 3	22,144	94.9	92.0	1.33	Forced	DA line repair	28.28	Under

Note:
 Due to the infrequent and sometimes minimal operation of the Hoot Lake Units, the budget fuel price will be calculated annually with the total coal fuel costs for both units divided by the total coal tons for both units. The result will be a constant monthly budget \$/ton compared to the actual coal burned \$/ton that is calculated monthly. Both Hoot Lake Unit's Fuel Prices % and Actual vs Budget will therefore be the same.

Otter Tail Power Company								
Detail of Southwest Power Pool (SPP) Charges by Charge Group for Current Month - System								
December 2018 includes any adjustments								
Charge Type Description		(A)	(B)	(C)	(D)	(E)	(F) and (G)**	
		Acct	Retail Debits	Retail Credits	Retail Adjustments	Net Retail	Charge types with MWH for Retail	
No.	Day Ahead & Real Time Asset & Non Asset Energy & Loss							
1	DA Asset Energy Amount	555.19	\$ -	\$ -	\$ -	\$ -	-	-
2	DA Non-asset Energy Amount	555.03	\$ -	\$ -	\$ -	\$ -	-	-
3	RT Asset Energy Amount	555.09	\$ 3,129.14	\$ -	\$ 14.98	\$ 3,144.12	204	-
4	RT Non-Asset Energy Amount	555.00	\$ -	\$ -	\$ -	\$ -	-	-
5	TOTAL		\$ 3,129.14	\$ -	\$ 14.98	\$ 3,144.12	204	-
RSG & Make Whole Payments								
6	DA Make-Whole-Payment Distribution Amount	555.02	\$ -	\$ -	\$ -	\$ -	-	-
7	RT Make-Whole-Payment Distribution Amount	555.10	\$ 217.47	\$ -	\$ (3.36)	\$ 214.11	-	-
8	RT Revenue Sufficiency Guarantee Distribution Amount	555.18	\$ -	\$ -	\$ -	\$ -	-	-
9	TOTAL		\$ 217.47	\$ -	\$ (3.36)	\$ 214.11	-	-
Revenue Neutrality Uplift								
10	RT Revenue Neutrality Uplift Distribution Amount	555.15	\$ 20.14	\$ (20.94)	\$ 0.49	\$ (0.31)	-	-
11	TOTAL		\$ 20.14	\$ (20.94)	\$ 0.49	\$ (0.31)	-	-
Other Charges								
12	DA Regulation-Down Distribution Amount	555.04	\$ 48.78	\$ -	\$ 0.07	\$ 48.85	-	-
13	DA Regulation-Up Distribution Amount	555.05	\$ 43.72	\$ -	\$ (0.02)	\$ 43.70	-	-
14	DA Spinning Reserve Distribution Amount	555.06	\$ 34.16	\$ -	\$ (0.01)	\$ 34.15	-	-
15	DA Supplemental Reserve Distribution Amount	555.07	\$ 5.38	\$ -	\$ 0.01	\$ 5.39	-	-
16	RT Contingency Reserve Deployment Failure Amount	555.08	\$ -	\$ (0.21)	\$ -	\$ (0.21)	-	-
17	RT Over-Collected Losses Distribution Amount	555.11	\$ -	\$ (16,895.11)	\$ 2,175.11	\$ (14,720.00)	-	-
18	RT Regulation-Down Distribution Amount	555.12	\$ -	\$ (4.13)	\$ -	\$ (4.13)	-	-
19	RT Regulation Non-Performance Distribution Amount	555.13	\$ -	\$ (0.68)	\$ 0.60	\$ (0.08)	-	-
20	RT Regulation-Up Distribution Amount	555.14	\$ -	\$ (6.48)	\$ -	\$ (6.48)	-	-
21	RT Spinning Reserve Distribution Amount	555.16	\$ -	\$ -	\$ -	\$ -	-	-
22	RT Supplemental Reserve Distribution Amount	555.17	\$ -	\$ -	\$ -	\$ -	-	-
23	RT Pseudo Tie Congestion Amount	555.20	\$ 30,836.92	\$ (134,571.42)	\$ -	\$ (103,734.50)	-	-
24	RT Pseudo Tie Loss Amount	555.21	\$ 4,844.41	\$ (30,449.27)	\$ -	\$ (25,604.86)	-	-
25	Miscellaneous Amount	555.23	\$ -	\$ -	\$ (22.83)	\$ (22.83)	-	-
26	ARR Closeout Yearly Amount	555.26	\$ -	\$ -	\$ -	\$ -	-	-
27	TOTAL		\$ 35,813.37	\$ (181,927.30)	\$ 2,152.93	\$ (143,961.00)	-	-
Grandfathered Charge Types								
28	DA GFA Carve Out Distribution Deployment Daily Amount	555.01	\$ 10.37	\$ -	\$ (2.30)	\$ 8.07	-	-
29	DA GFA Carve Out Distribution Deployment Monthly Amount	555.22	\$ -	\$ -	\$ -	\$ -	-	-
30	DA GFA Carve Out Distribution Deployment Yearly Amount	555.27	\$ -	\$ -	\$ -	\$ -	-	-
31	TOTAL		\$ 10.37	\$ -	\$ (2.30)	\$ 8.07	-	-
32	TOTAL SPP CHARGES		\$ 39,190.49	\$ (181,948.24)	\$ 2,162.74	\$ (140,595.01)	204	-
33	Net SPP Charges for Retail = (B) + (C) + (D)			\$ (140,595.01)				
34	Net KWH for retail = ((F) + (G)) * 1,000						204,183	
35	December 2018 covers time period of 11/23/2018 - 12/25/2018							** (F) and (G) increased for losses of 2.8%
36	SPP Book Totals		\$ (142,757.75)	204,183				
37	Adjustments		\$ 2,162.74	-				
38	Total SPP		\$ (140,595.01)	204,183				

Otter Tail Power Company Detail of Southwest Power Pool (SPP) Charges by Charge Group - System Year to Date 2018 includes any adjustments															
Charge Type Description		Acct	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	YEAR TO DATE
5	Day Ahead & Real Time Asset & Non Asset Energy & Loss														
1	DA Asset Energy Amount	555.19	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,220.75	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,220.75
2	DA Non-asset Energy Amount	555.03	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	RT Asset Energy Amount	555.09	\$ 0.36	\$ 558.70	\$ 487.99	\$ 663.47	\$ 1,006.91	\$ (1,189.93)	\$ 3,586.30	\$ 1,039.91	\$ 886.97	\$ 899.51	\$ 2,929.60	\$ 3,144.12	\$ 14,013.91
4	RT Non-Asset Energy Amount	555.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5	TOTAL		\$ 0.36	\$ 558.70	\$ 487.99	\$ 663.47	\$ 1,006.91	\$ 1,030.82	\$ 3,586.30	\$ 1,039.91	\$ 886.97	\$ 899.51	\$ 2,929.60	\$ 3,144.12	\$ 16,234.66
RSG & Make Whole Payments															
6	DA Make-Whole-Payment Distribution Amount	555.02	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9.84	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9.84
7	RT Make-Whole-Payment Distribution Amount	555.10	\$ 24.69	\$ 10.47	\$ 19.52	\$ 9.72	\$ 45.18	\$ 84.14	\$ 87.84	\$ 47.87	\$ 39.88	\$ 34.57	\$ 53.47	\$ 214.11	\$ 671.46
8	RT Revenue Sufficiency Guarantee Distribution Amount	555.18	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9	TOTAL		\$ 24.69	\$ 10.47	\$ 19.52	\$ 9.72	\$ 45.18	\$ 93.98	\$ 87.84	\$ 47.87	\$ 39.88	\$ 34.57	\$ 53.47	\$ 214.11	\$ 681.30
Revenue Neutrality Uplift															
10	RT Revenue Neutrality Uplift Distribution Amount	555.15	\$ (0.22)	\$ 6.13	\$ (0.46)	\$ 1.90	\$ 19.12	\$ 1.62	\$ 4.95	\$ 1.99	\$ 11.37	\$ 5.40	\$ 36.36	\$ (0.31)	\$ 87.85
11	TOTAL		\$ (0.22)	\$ 6.13	\$ (0.46)	\$ 1.90	\$ 19.12	\$ 1.62	\$ 4.95	\$ 1.99	\$ 11.37	\$ 5.40	\$ 36.36	\$ (0.31)	\$ 87.85
Other Charges															
12	DA Regulation-Down Distribution Amount	555.04	\$ (6.08)	\$ 0.38	\$ 4.38	\$ 1.09	\$ 1.78	\$ 0.53	\$ 3.96	\$ 0.79	\$ 2.54	\$ 1.11	\$ 3.98	\$ 48.85	\$ 63.31
13	DA Regulation-Up Distribution Amount	555.05	\$ (5.10)	\$ 0.46	\$ 1.92	\$ 1.08	\$ 2.50	\$ 0.84	\$ 9.34	\$ 2.26	\$ 5.40	\$ 2.26	\$ 11.18	\$ 43.70	\$ 75.84
14	DA Spinning Reserve Distribution Amount	555.06	\$ (2.15)	\$ 1.94	\$ 4.22	\$ 2.81	\$ 6.40	\$ 3.99	\$ 9.90	\$ 4.09	\$ 8.63	\$ 4.79	\$ 22.15	\$ 34.15	\$ 100.92
15	DA Supplemental Reserve Distribution Amount	555.07	\$ (0.95)	\$ -	\$ 0.01	\$ -	\$ 0.59	\$ 0.78	\$ 1.35	\$ 0.48	\$ 0.86	\$ -	\$ 1.82	\$ 5.39	\$ 10.33
16	RT Contingency Reserve Deployment Failure Amount	555.08	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (0.06)	\$ -	\$ -	\$ -	\$ (10.12)	\$ (0.21)	\$ (10.39)
17	RT Over-Collected Losses Distribution Amount	555.11	\$ (15,957.84)	\$ (11,617.08)	\$ (9,294.53)	\$ (8,706.19)	\$ (6,493.59)	\$ (9,678.18)	\$ (11,742.85)	\$ (8,878.02)	\$ (10,161.69)	\$ (14,685.94)	\$ (15,106.15)	\$ (14,720.00)	\$ (137,042.06)
18	RT Regulation-Down Distribution Amount	555.12	\$ 0.47	\$ -	\$ (0.25)	\$ (0.01)	\$ (0.06)	\$ (0.02)	\$ (1.04)	\$ -	\$ (0.12)	\$ -	\$ 0.22	\$ (4.13)	\$ (4.94)
19	RT Regulation Non-Performance Distribution Amount	555.13	\$ 0.36	\$ -	\$ (0.17)	\$ (0.05)	\$ (0.13)	\$ (0.02)	\$ (0.48)	\$ (0.05)	\$ (0.02)	\$ -	\$ (0.66)	\$ (0.08)	\$ (1.30)
20	RT Regulation-Up Distribution Amount	555.14	\$ (0.01)	\$ -	\$ (0.06)	\$ (0.10)	\$ (0.17)	\$ (0.08)	\$ (1.69)	\$ -	\$ (0.57)	\$ -	\$ (0.42)	\$ (6.48)	\$ (9.58)
21	RT Spinning Reserve Distribution Amount	555.16	\$ 0.01	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.01
22	RT Supplemental Reserve Distribution Amount	555.17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23	RT Pseudo Tie Congestion Amount	555.20	\$ (54,917.14)	\$ 2,949.70	\$ (44,570.23)	\$ (28,904.83)	\$ (60,648.05)	\$ (55,653.96)	\$ (71,945.36)	\$ (31,072.61)	\$ (70,041.37)	\$ 96,018.52	\$ (31,482.53)	\$ (103,734.50)	\$ (454,002.36)
24	RT Pseudo Tie Loss Amount	555.21	\$ (10,914.02)	\$ 10,841.89	\$ (7,491.27)	\$ (11,687.88)	\$ (21,199.11)	\$ (25,153.29)	\$ (27,543.31)	\$ (15,167.05)	\$ (22,255.16)	\$ (12,974.17)	\$ (15,310.70)	\$ (25,604.86)	\$ (184,458.93)
25	Miscellaneous Amount	555.23	\$ (25.19)	\$ (13.73)	\$ (12.37)	\$ (0.48)	\$ (0.43)	\$ (1.26)	\$ (0.82)	\$ (0.24)	\$ 3.52	\$ 0.02	\$ (0.36)	\$ (22.83)	\$ (74.17)
26	ARR Closeout Yearly Amount	555.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (132,745.56)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (132,745.56)
27	TOTAL		\$ (81,827.64)	\$ 2,163.56	\$ (61,358.35)	\$ (49,294.56)	\$ (88,330.27)	\$ (223,226.23)	\$ (111,211.06)	\$ (55,110.35)	\$ (102,437.98)	\$ 68,366.59	\$ (61,871.59)	\$ (143,961.00)	\$ (908,098.88)
Grandfathered Charge Types															
28	DA GFA Carve Out Distribution Deployment Daily Amount	555.01	\$ (0.31)	\$ 0.72	\$ 1.01	\$ 1.22	\$ 1.42	\$ 3.74	\$ 11.02	\$ 4.62	\$ (1.73)	\$ 3.51	\$ 8.87	\$ 8.07	\$ 42.16
29	DA GFA Carve Out Distribution Deployment Monthly Amount	555.22	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
30	DA GFA Carve Out Distribution Deployment Yearly Amount	555.27	\$ -	\$ -	\$ -	\$ -	\$ 0.03	\$ (0.03)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
31	TOTAL		\$ (0.31)	\$ 0.72	\$ 1.01	\$ 1.22	\$ 1.45	\$ 3.71	\$ 11.02	\$ 4.62	\$ (1.73)	\$ 3.51	\$ 8.87	\$ 8.07	\$ 42.16
32	TOTAL SPP CHARGES - Energy Adjustment Rider		\$ (81,803.12)	\$ 2,739.58	\$ (60,850.29)	\$ (48,618.25)	\$ (87,257.61)	\$ (222,096.10)	\$ (107,520.95)	\$ (54,015.96)	\$ (101,501.49)	\$ 69,309.58	\$ (58,843.29)	\$ (140,595.01)	\$ (891,052.91)



215 S. Cascade Street, Fergus Falls MN 56537

Check No: **847300** 75-1592
912

Date: 15-Jan-19

Pay to the
Order of

NORTH DAKOTA PUBLIC SERVICE COMMISSION
600 E BLVD AVE
DEPT 408
BISMARCK ND 58505-0480

Check Amount

\$*****600.00

U.S. BANK NA
EAST GRAND FORKS MN 56721

Di Royer
President

35

Six Hundred and 00/100 Dollars

⑈00847300⑈ ⑆091215927⑆ 152118010957⑈



215 S. Cascade Street, Fergus Falls MN 56537

15-Jan-19 Check No: **847300**

Invoice	Date	Description	Discount	Net
10-JAN-2019i	01/10/19	2019 FILING FEE FUEL COST ADJ FILINGS	0.00	600.00
TOTALS:			\$0.00	\$600.00