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April 26, 2024

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

Dear Mr. Kahl:

Enclosed is detail for determination of the Energy Adjustment Rider rates by Service Category based on the four months ending March 2024.

Per Commission approval in Case No. PU-17-398, the following changes to the Energy Adjustment Rider are reflected in the rates effective May 1, 2024:

1. All applicable revenues and costs allowed for recovery in the Energy Adjustment Rider are 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 are 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Allowance Adjustment Rider portion of the Environmental Cost Recovery Rider (Electric Rate Schedule Section 13.08) is no longer in effect.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 Coyote Station pebble lime reagent is no longer recovered in base rates but is recovered in the Energy Adjustment Rider. This is now included in the Steam Plant Reagents total (Line 6).

Per Commission approval in Case No. PU-21-443, the approved adjustment to exclude the impact of Hoot Lake Solar is reflected in line 7, effective January 1, 2023.

Per Commission approval in Case No. PU-23-27, inclusion of MISO Planning Resource Auction revenues and expenses in the calculation of the Monthly EAR or Fuel Clause Adjustment (FCA) rates, effective May 1, 2023.

Per Commission approval of interim rates in Case No. PU-23-342, Otter Tail ceased forecasting 85 percent of Asset Based Margins based on period ending December 31, 2023. Otter Tail will credit 100% of Asset Based Margins to customers effective January 1, 2024.

5 PU-24-12 Filed 04/26/2024 Pages: 13
Fuel Cost Adjustment - Effective May 1, 2024
Otter Tail Power Company
Doug Newby, Energy Recovery Analyst

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.

The calculation of the rate effective March incorrectly included a \$953,776 true-up from the 85% asset-based margin forecast. This addition created a \$232,849 over collection from customers in March. The revised cumulative (over)/under recovery (Line 30) returns the over collection through EAR rates effective May 1, 2024.

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

- 1) Calculation of the May 2024 Energy Adjustment Rider based on the four-month period ending March 2024.
- 2) Revised calculation of the March 2024 Energy Adjustment Rider based on the four-month period ending January 2024.
- 3) Monthly Detail of MISO Day 2 Charges by Charge Type for ND Energy Adjustment Rider marked as Attachment A (2 pages).
- 4) Monthly MISO Day 2 Charges for ND Energy Adjustment Rider marked as Attachment B.
- 5) Monthly MISO Day 2 Charges for ND Non-Energy Adjustment Rider marked as Attachment C.
- 6) Detail of MISO Day 2 Charges by Charge Group for Current Month marked as Attachment D (2 pages).
- 7) Otter Tail's Plant Conditions for March 2024 marked as Attachment E.
- 8) Monthly Detail of Southwest Power Pool (SPP) Charges by Charge Group for Current Month and Year to Date marked as Attachment F.

Sincerely,

/s/ DOUG NEWBY
Doug Newby
Energy Recovery Analyst
Regulatory Economics

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 MAY 1, 2024

Line	ENERGY COSTS & CREDITS	(A)	(B)	(C)	(D)	(E)
		2023 December	2024 January	2024 February	2024 March	Total This Period
1	Purchased Power	\$1,710,616	\$1,738,970	\$3,331,479	\$1,100,444	\$7,881,509
2	Wind Curtailment	3,736.73	11,396.12	(3,327.58)	11,368.57	\$23,174
3	Steam Plant Generation	\$4,177,475	\$5,081,961	\$3,462,268	\$3,851,523	\$16,573,228
4	Other Plant Generation	\$1,495,578	\$3,414,497	\$1,225,016	\$658,409	\$6,793,500
5	Hydro Plant Generation	\$0	\$0	\$0	\$0	\$0
6	Steam Plant Reagents	\$216,971	\$287,288	\$163,636	\$171,041	\$838,936
7	Hoot Lake Solar Adjustment	\$123,054	\$68,696	\$106,750	\$136,997	\$435,497
8	Emission Allowance Purchase	\$0	\$0	\$0	\$0	\$0
9	Less: Intersystem Sales	(\$779,866)	(\$1,512,905)	(\$470,378)	(\$384,788)	(\$3,147,936)
10	Planning Resource Auction Revenues	(\$13,290)	(\$13,450)	(\$23)	(\$32,179)	(\$58,942)
11	Net Retail MISO Day 2	\$4,862,723	\$9,707,845	\$4,492,471	\$1,451,334	\$20,514,373
12	Net Retail SPP	51,645.38	(199,798.99)	(133,565.43)	(36,839.89)	(\$318,559)
13						
14	NET ENERGY COSTS	\$11,848,644	\$18,584,500	\$12,174,325	\$6,927,310	\$49,534,779
	ASSET-BASED MARGINS					
		2024 February	2024 March	2024 April	2024 April	Total This Period
15	Forecast of Margins - 85%	\$0	\$0			\$0
16	True-up of prior months margin forecast	(\$166,088)	\$0			(\$166,088)
17	Total Margin Credit	(\$166,088)	\$0			(\$166,088)
		2023 December	2024 January	2024 February	2024 March	Total This Period
	Asset Based Margin 100%		\$ (132,067)	\$ (465,468)	\$ (138,507)	\$ (736,042)
18	Prior (over) under recovery (line 30)					\$551,312
19	Adjusted Net Energy Costs (lines 14 + 17 + 18)					<u>\$49,183,961</u>

Line	ENERGY -- KWH	2023	2024	2024	2024	Total
		December	January	February	March	This Period
20	Retail Sales - kWhs	511,614,225	568,627,800	536,426,943	485,103,013	2,101,771,981
21	System Delivered Cost per kWh					\$0.02340

22	Service Category	E2-E8760 Alloc. Ratio	Class Energy Adjustment Factor (EAF)	
			Ratio	EAF
22a	Residential	1.0250	\$	0.02399
22b	Farms	0.9690	\$	0.02267
22c	General Service	1.0160	\$	0.02377
22d	Large General Service	0.9670	\$	0.02263
22e	Irrigation Services	0.9370	\$	0.02193
22f	Outdoor Lighting	0.7840	\$	0.01835
22g	OPA	1.0110	\$	0.02366
22h	Controlled Service Water Heating	1.0350	\$	0.02422
22i	Controlled Service Interruptible	1.0370	\$	0.02427
22j	Controlled Service Deferred	0.9630	\$	0.02253

TRUE UP FOR MARCH

23	Retail Sales (kWhs) (Col D, Line 20)	485,103,013
24	Net Energy Costs for the System -- Most recent month (Col D Line 14, Col B Line 17)	\$6,788,803
25	COE Recovery Rate Effective for March	\$0.03064
26	Amount Recovered by COE (Line 25 x Line 23)	\$14,863,556
27	(Over) / Under Recovery (Line 24 minus Line 26)	(\$8,074,753)
28	Cumulative (Over) / Under Recovery (prior month cumulative (over)/under) (Line 27 + Line 28 prior month)	\$318,463
29	Adjustment Due to March Over Collection (Line 31)	232,849
30	Revised Cumulative (Over)/Under Recovery (Line 28 + Line 29)	\$551,312
31	March	
	kWh Sales	485,103,013
	Rate Corrected	0.03016
	Rate Implemented	0.03064
	(Over)/Under Recovery	(\$232,849)

NORTH DAKOTA
 OTTER TAIL POWER COMPANY
 ENERGY ADJUSTMENT RIDER BY SERVICE CATEGORY
 FOR BILLING TO BE EFFECTIVE MARCH 1, 2024

Line	ENERGY COSTS & CREDITS	(A)	(B)	(C)	(D)	(E)
		2023	2023	2023	2024	Total
		October	November	December	January	This Period
1	Purchased Power	\$698,893	\$1,169,846	\$1,710,616	\$1,738,970	\$5,318,325
2	Wind Curtailment	1,754.59	21,016.41	3,736.73	11,396.12	\$37,904
3	Steam Plant Generation	\$2,789,927	\$3,137,828	\$4,177,475	\$5,081,961	\$15,187,191
4	Other Plant Generation	\$1,315,535	\$1,405,533	\$1,495,578	\$3,414,497	\$7,631,143
5	Hydro Plant Generation	\$0	\$0	\$0	\$0	\$0
6	Steam Plant Reagents	\$120,951	\$207,355	\$216,971	\$287,288	\$832,564
7	Hoot Lake Solar Adjustment	\$277,240	\$109,577	\$123,054	\$68,696	\$578,568
8	Emission Allowance Purchase	\$0	\$0	\$0	\$0	\$0
9	Less: Intersystem Sales	(\$717,819)	(\$615,974)	(\$779,866)	(\$1,512,905)	(\$3,626,563)
10	Planning Resource Auction Revenues	(\$65,416)	(\$57,510)	(\$13,290)	(\$13,450)	(\$149,666)
11	Net Retail MISO Day 2	\$5,754,266	\$4,856,680	\$4,862,723	\$9,707,845	\$25,181,513
12	Net Retail SPP	158,509.08	12,217.23	51,645.38	(199,798.99)	\$22,573
13						
14	NET ENERGY COSTS	\$10,333,839	\$10,246,568	\$11,848,644	\$18,584,500	\$51,013,551
	ASSET-BASED MARGINS	2023	2024	2024	2024	Total
		December	January	February	March	This Period
15	Forecast of Margins - 85%	(\$44,123)	\$0			(\$44,123)
16	True-up of prior months margin forecast	(\$216,527)	(\$155,999)	(\$166,088)		(\$538,614)
17	Total Margin Credit	(\$260,650)	(\$155,999)	(\$166,088)	\$0	(\$582,737)
		2023	2023	2023	2024	
		October	November	December	January	
	Asset Based Margin 100%				\$ (132,067)	\$ (132,067)
18	Prior (over) under recovery (line 30)					\$9,472,572
19	Adjusted Net Energy Costs (lines 14 + 17 + 18)					<u>\$59,771,319</u>

Line	ENERGY -- KWH	2023	2023	2023	2024	Total
		October	November	December	January	This Period
20	Retail Sales - kWhs	425,758,081	475,685,935	511,614,225	568,627,800	1,981,686,042
21	System Delivered Cost per kWh					\$0.03016

22	Service Category	E2-E8760	Class Energy
		Alloc. Ratio	Adjustment Factor (EAF)
22a	Residential	1.0250	\$ 0.03091
22b	Farms	0.9690	\$ 0.02923
22c	General Service	1.0160	\$ 0.03064
22d	Large General Service	0.9670	\$ 0.02916
22e	Irrigation Services	0.9370	\$ 0.02826
22f	Outdoor Lighting	0.7840	\$ 0.02365
22g	OPA	1.0110	\$ 0.03049
22h	Controlled Service Water Heating	1.0350	\$ 0.03122
22i	Controlled Service Interruptible	1.0370	\$ 0.03128
22j	Controlled Service Deferred	0.9630	\$ 0.02904

TRUE UP FOR JANUARY

23	Retail Sales (kWhs) (Col D, Line 20)	568,627,800
24	Net Energy Costs for the System -- Most recent month (Col D Line 14, Col B Line 17)	\$18,296,433
25	COE Recovery Rate Effective for January	\$0.02219
26	Amount Recovered by COE (Line 25 x Line 23)	\$12,617,851
27	(Over) / Under Recovery (Line 24 minus Line 26)	\$5,678,582
28	Cumulative (Over) / Under Recovery (prior month cumulative (over)/under) (Line 27 + Line 28 prior month)	\$9,472,572

Otter Tail Power Company								
Monthly Detail of MISO Day 2 Charges by Charge Type for ND Energy Adjustment Rider - System								
March 2024 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	\$ 6,401,094.87	\$ 6,523,539.59	\$ -	\$ -	\$ 6,523,539.59	\$ (122,444.72)
2	DA Non-asset Energy Amount	555.09	\$ (67,219.81)	\$ (67,219.81)	\$ -	\$ -	\$ (67,219.81)	\$ -
3	DA Virtual Energy Amount	555.12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	RT Asset Energy Amount	555.19	\$ (286,873.90)	\$ (286,873.90)	\$ -	\$ -	\$ (286,873.90)	\$ -
5	RT Non-Asset Energy Amount	555.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6	RT Virtual Energy Amount	555.32	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	ENERGY CHARGES TOTAL		\$ 6,047,001.16	\$ 6,169,445.88	\$ -	\$ -	\$ 6,169,445.88	\$ (122,444.72)
8	DA Mkt Admin Amount	555.01	\$ 64,630.32	\$ 64,254.99	\$ -	\$ -	\$ 64,254.99	\$ 375.33
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	\$ (9,736.09)	\$ (9,736.09)	\$ -	\$ -	\$ (9,736.09)	\$ -
16	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	\$ 10,082.62	\$ 9,728.53	\$ -	\$ -	\$ 9,728.53	\$ 354.09
17	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	\$ (927.74)	\$ (699.63)	\$ -	\$ -	\$ (699.63)	\$ (228.11)
18	FTR Mkt Admin Amount	555.13	\$ 1,276.80	\$ 1,276.80	\$ -	\$ -	\$ 1,276.80	\$ -
19	FTR Hourly Allocation Amount	555.14	\$ (4,037,722.37)	\$ (4,037,722.37)	\$ -	\$ -	\$ (4,037,722.37)	\$ -
20	FTR Monthly Allocation Amount	555.15	\$ (82,330.16)	\$ (82,330.16)	\$ -	\$ -	\$ (82,330.16)	\$ -
21	FTR Monthly Transaction Amount	555.35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
22	FTR Yearly Allocation Amount	555.17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23	RT Mkt Admin Amount	555.18	\$ 10,664.70	\$ 8,993.30	\$ -	\$ -	\$ 8,993.30	\$ 1,671.40
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	\$ (262,390.02)	\$ (262,390.02)	\$ -	\$ -	\$ (262,390.02)	\$ -
29	RT Misc Amount	555.25	\$ (3,493.41)	\$ (3,493.41)	\$ -	\$ -	\$ (3,493.41)	\$ -
30	RT Net Inadvertent Amount	555.27	\$ (35,791.09)	\$ (35,791.09)	\$ -	\$ -	\$ (35,791.09)	\$ -
31	RT Ramp Product	555.64	\$ (809.62)	\$ (809.62)	\$ -	\$ -	\$ (809.62)	\$ -
32	RT Revenue Neutrality Uplift Amount	555.28	\$ 134,430.68	\$ 129,707.53	\$ -	\$ -	\$ 129,707.53	\$ 4,723.15
33	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29	\$ 1,639.49	\$ 1,582.12	\$ -	\$ -	\$ 1,582.12	\$ 57.37
34	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	\$ (60.63)	\$ -	\$ -	\$ -	\$ -	\$ (60.63)
35	RT Uninstructed Deviation Amount	555.31	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36	FTR Full Funding Guarantee Amount	555.36	\$ (178,669.14)	\$ (178,669.14)	\$ -	\$ -	\$ (178,669.14)	\$ -
37	FTR Guarantee Uplift Amount	555.37	\$ 178,672.16	\$ 178,672.16	\$ -	\$ -	\$ 178,672.16	\$ -
38	FTR Auction Revenue Rights Transaction Amount	555.39	\$ (3,825,325.05)	\$ (3,825,325.05)	\$ -	\$ -	\$ (3,825,325.05)	\$ -
39	FTR Annual Transaction Amount	555.38	\$ 3,522,269.12	\$ 3,522,269.12	\$ -	\$ -	\$ 3,522,269.12	\$ -

Otter Tail Power Company								
Monthly Detail of MISO Day 2 Charges by Charge Type for ND Energy Adjustment Rider - System								
March 2024 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	\$ 12,016.00	\$ 12,016.00	\$ -	\$ -	\$ 12,016.00	\$ -
41	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	\$ (223,185.36)	\$ (223,185.36)	\$ -	\$ -	\$ (223,185.36)	\$ -
42	RT Price Volatility Make Whole Payment	555.42	\$ (39,561.00)	\$ (38,171.01)	\$ -	\$ -	\$ (38,171.01)	\$ (1,389.99)
43	DA_ASM_REG	555.43	\$ (37,258.38)	\$ (37,258.38)	\$ -	\$ -	\$ (37,258.38)	\$ -
44	DA_ASM_SPIN	555.44	\$ (30,599.02)	\$ (30,599.02)	\$ -	\$ -	\$ (30,599.02)	\$ -
45	DA_ASM_STR	555.66	\$ (11,559.07)	\$ (11,559.07)	\$ -	\$ -	\$ (11,559.07)	\$ -
46	DA_ASM_SUPP	555.45	\$ (3,235.80)	\$ (3,235.80)	\$ -	\$ -	\$ (3,235.80)	\$ -
47	RT_ASM_REG	555.46	\$ (8,430.81)	\$ (8,430.81)	\$ -	\$ -	\$ (8,430.81)	\$ -
48	RT_ASM_SPIN	555.47	\$ 808.19	\$ 808.19	\$ -	\$ -	\$ 808.19	\$ -
49	RT_ASM_STR	555.67	\$ 29.07	\$ 29.07	\$ -	\$ -	\$ 29.07	\$ -
50	RT_ASM_SUPP	555.48	\$ 1,784.86	\$ 1,784.86	\$ -	\$ -	\$ 1,784.86	\$ -
51	RT_ASM_NRGA	555.49	\$ 5,499.09	\$ 5,499.09	\$ -	\$ -	\$ 5,499.09	\$ -
52	RT_ASM_EXE_DFE_DEP	555.50	\$ 2,567.91	\$ 2,567.91	\$ -	\$ -	\$ 2,567.91	\$ -
53	RT_ASM_CRDFC	555.51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
54	RT_ASM_REG_DIST	555.52	\$ 17,567.53	\$ 17,567.53	\$ -	\$ -	\$ 17,567.53	\$ -
55	RT_ASM_SPIN_DIST	555.53	\$ 15,489.00	\$ 15,489.00	\$ -	\$ -	\$ 15,489.00	\$ -
56	RT_ASM_STR_DIST	555.68	\$ 5,113.32	\$ 5,113.32	\$ -	\$ -	\$ 5,113.32	\$ -
57	RT_ASM_SUPP_DIST	555.54	\$ 1,457.61	\$ 1,457.61	\$ -	\$ -	\$ 1,457.61	\$ -
58	RT_ASM_STRDFC	555.69	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
59	RT ASM Non-Excessive Energy Amount	555.55	\$ (362,853.43)	\$ 43,524.78	\$ -	\$ -	\$ 43,524.78	\$ (406,378.21)
60	RT ASM Excessive Energy Amount	555.56	\$ 17,987.86	\$ 18,273.66	\$ -	\$ -	\$ 18,273.66	\$ (285.80)
61	RT_ASM_MISC	555.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
62	RT Demand Response Allocation Uplift Amount	555.59	\$ 6,378.22	\$ 6,378.22	\$ -	\$ -	\$ 6,378.22	\$ -
63	RT Schedule 49 Cost Distribution Amount	555.65	\$ 24,300.66	\$ 24,300.66	\$ -	\$ -	\$ 24,300.66	\$ -
64	ENERGY CHARGES TOTAL		\$ (5,119,272.98)	\$ (4,718,111.58)	\$ -	\$ -	\$ (4,718,111.58)	\$ (401,161.40)
65	TOTAL MISO DAY 2 CHARGES		\$ 927,728.18	\$ 1,451,334.30	\$ -	\$ -	\$ 1,451,334.30	\$ (523,606.12)
66	Less: MISO RSG Bad Debt		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
67	TOTAL FOR ND COST OF ENERGY ADJUSTMENT		\$ 927,728.18	\$ 1,451,334.30	\$ -	\$ -	\$ 1,451,334.30	\$ (523,606.12)

Otter Tail Power Company										
Detail of MISO Day 2 Charges by Charge Group for Current Month - System										
March 2024 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		
Day Ahead & Real Time Asset & Non Asset Energy & Loss										
1	DA Asset Energy Amount	555.02	\$ 10,642,526.54	\$ (4,118,986.95)	\$ -	\$ 6,523,539.59	\$ (122,444.72)	\$ 6,401,094.87	495,499	(283,528)
2	DA FBT Loss Amount	555.04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
3	DA Non-asset Energy Amount	555.09	\$ -	\$ (67,219.81)	\$ -	\$ (67,219.81)	\$ -	\$ (67,219.81)	-	(4,586)
4	RT Asset Energy Amount	555.19	\$ 179,236.39	\$ (233,258.94)	\$ (232,851.35)	\$ (286,873.90)	\$ -	\$ (286,873.90)	8,390	(13,275)
5	RT Distribution of Losses Amount	555.24	\$ 61,024.84	\$ (320,429.40)	\$ (2,985.46)	\$ (262,390.02)	\$ -	\$ (262,390.02)	-	-
6	RT FBT Loss Amount	555.21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
7	RT Non-Asset Energy Amount	555.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
8	TOTAL		\$ 10,882,787.77	\$ (4,739,895.10)	\$ (235,836.81)	\$ 5,907,055.86	\$ (122,444.72)	\$ 5,784,611.14	503,889	(301,389)
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	\$ 64,254.99	\$ -	\$ -	\$ 64,254.99	\$ 375.33	\$ 64,630.32	-	-
13	RT Mkt Admin Amount	555.18	\$ 8,831.78	\$ -	\$ 161.52	\$ 8,993.30	\$ 1,671.40	\$ 10,664.70	-	-
14	FTR_Mkt Admin Amount	555.13	\$ 1,276.80	\$ -	\$ -	\$ 1,276.80	\$ -	\$ 1,276.80	-	-
15	TOTAL		\$ 74,363.57	\$ -	\$ 161.52	\$ 74,525.09	\$ 2,046.73	\$ 76,571.82	-	-
Congest & FTRs										
16	DA FBT Congestion Amount	555.03	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
17	RT FBT Congestion Amount	555.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
18	FTR Hourly Allocation Amount	555.14	\$ 53,434.26	\$ (4,091,156.63)	\$ -	\$ (4,037,722.37)	\$ -	\$ (4,037,722.37)	-	-
19	FTR Monthly Allocation Amount	555.15	\$ -	\$ (82,316.51)	\$ (13.65)	\$ (82,330.16)	\$ -	\$ (82,330.16)	-	-
20	FTR Yearly Allocation Amount	555.17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
21	FTR Monthly Transaction Amount	555.35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
22	FTR Full Funding Guarantee Amount	555.36	\$ 63,704.02	\$ (242,386.81)	\$ 13.65	\$ (178,669.14)	\$ -	\$ (178,669.14)	-	-
23	FTR Guarantee Uplift Amount	555.37	\$ 242,386.81	\$ (63,704.02)	\$ (10.63)	\$ 178,672.16	\$ -	\$ 178,672.16	-	-
24	FTR Auction Revenue Rights Transaction Amount	555.39	\$ 4,325.57	\$ (3,829,650.62)	\$ -	\$ (3,825,325.05)	\$ -	\$ (3,825,325.05)	-	-
25	FTR Annual Transaction Amount	555.38	\$ 3,527,151.17	\$ (4,882.05)	\$ -	\$ 3,522,269.12	\$ -	\$ 3,522,269.12	-	-
26	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	\$ 12,016.00	\$ -	\$ -	\$ 12,016.00	\$ -	\$ 12,016.00	-	-
27	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	\$ -	\$ (223,185.36)	\$ -	\$ (223,185.36)	\$ -	\$ (223,185.36)	-	-
28	TOTAL		\$ 3,903,017.83	\$ (8,537,282.00)	\$ (10.63)	\$ (4,634,274.80)	\$ -	\$ (4,634,274.80)	-	-
RSG & Make Whole Payments										
29	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	\$ 12,095.85	\$ -	\$ (2,367.32)	\$ 9,728.53	\$ 354.09	\$ 10,082.62	-	-
30	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	\$ -	\$ (699.63)	\$ -	\$ (699.63)	\$ (228.11)	\$ (927.74)	-	-
31	RT Revenue Sufficiency Guarantee First Pass Distribution Amou	555.29	\$ 1,393.79	\$ -	\$ 188.33	\$ 1,582.12	\$ 57.37	\$ 1,639.49	-	-
32	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	\$ -	\$ -	\$ -	\$ -	\$ (60.63)	\$ (60.63)	-	-
33	RT Price Volatility Make Whole Payment	555.42	\$ -	\$ (38,171.01)	\$ -	\$ (38,171.01)	\$ (1,389.99)	\$ (39,561.00)	-	-
34	TOTAL		\$ 13,489.64	\$ (38,870.64)	\$ (2,178.99)	\$ (27,559.99)	\$ (1,267.27)	\$ (28,827.26)	-	-
Revenue Neutrality Uplift										
35	RT Revenue Neutrality Uplift Amount	555.28	\$ 136,255.30	\$ (7,210.00)	\$ 662.23	\$ 129,707.53	\$ 4,723.15	\$ 134,430.68	-	-
36	TOTAL		\$ 136,255.30	\$ (7,210.00)	\$ 662.23	\$ 129,707.53	\$ 4,723.15	\$ 134,430.68	-	-
Other Charges										
37	RT Misc Amount	555.25	\$ -	\$ -	\$ (3,493.41)	\$ (3,493.41)	\$ -	\$ (3,493.41)	-	-
38	RT Net Inadvertent Amount	555.27	\$ 18,817.82	\$ (51,885.24)	\$ (2,723.67)	\$ (35,791.09)	\$ -	\$ (35,791.09)	-	-
39	RT Uninstructed Deviation Amount	555.31	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
40	RT Demand Response Allocation Uplift Amount	555.59	\$ -	\$ -	\$ 6,378.22	\$ 6,378.22	\$ -	\$ 6,378.22	-	-
41	DA Ramp Product Amount	555.63	\$ -	\$ (9,736.09)	\$ -	\$ (9,736.09)	\$ -	\$ (9,736.09)	-	-
42	RT Ramp Product Amount	555.64	\$ 384.37	\$ (1,193.99)	\$ -	\$ (809.62)	\$ -	\$ (809.62)	-	-
43	RT Schedule 49 Cost Distribution Amount	555.65	\$ -	\$ -	\$ 24,300.66	\$ 24,300.66	\$ -	\$ 24,300.66	-	-
44	TOTAL		\$ 19,202.19	\$ (62,815.32)	\$ 161.14	\$ (43,451.99)	\$ -	\$ (43,451.99)	-	-
ASM Charges										
45	DA_ASM_REG	555.43	\$ -	\$ (37,258.38)	\$ -	\$ (37,258.38)	\$ -	\$ (37,258.38)	-	(5,829)
46	DA_ASM_SPIN	555.44	\$ -	\$ (30,599.02)	\$ -	\$ (30,599.02)	\$ -	\$ (30,599.02)	-	(3,577)
47	DA_ASM_STR	555.66	\$ -	\$ (11,559.07)	\$ -	\$ (11,559.07)	\$ -	\$ (11,559.07)	-	-
48	DA_ASM_SUPP	555.45	\$ -	\$ (3,235.80)	\$ -	\$ (3,235.80)	\$ -	\$ (3,235.80)	-	(13,757)
49	RT_ASM_REG	555.46	\$ 12,986.44	\$ (21,417.25)	\$ -	\$ (8,430.81)	\$ -	\$ (8,430.81)	-	-
50	RT_ASM_SPIN	555.47	\$ 7,629.82	\$ (6,821.63)	\$ -	\$ 808.19	\$ -	\$ 808.19	-	-
51	RT_ASM_STR	555.67	\$ 474.44	\$ (445.37)	\$ -	\$ 29.07	\$ -	\$ 29.07	-	-

Otter Tail Power Company										
Detail of MISO Day 2 Charges by Charge Group for Current Month - System										
March 2024 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		
52	RT_ASM_SUPP	555.48	\$ 1,784.86	\$ -	\$ -	\$ 1,784.86	\$ -	\$ 1,784.86	-	-
53	RT_ASM_NRGA	555.49	\$ 7,861.59	\$ (2,362.50)	\$ -	\$ 5,499.09	\$ -	\$ 5,499.09	-	-
54	RT_ASM_EXE_DFE_DEP	555.50	\$ 2,582.40	\$ (0.04)	\$ (14.45)	\$ 2,567.91	\$ -	\$ 2,567.91	-	-
55	RT_ASM_CRDFC	555.51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
56	RT_ASM_REG_DIST	555.52	\$ 18,141.59	\$ (439.84)	\$ (134.22)	\$ 17,567.53	\$ -	\$ 17,567.53	-	-
57	RT_ASM_SPIN_DIST	555.53	\$ 15,676.06	\$ (103.52)	\$ (83.54)	\$ 15,489.00	\$ -	\$ 15,489.00	-	-
58	RT_ASM_STR_DIST	555.68	\$ 6,128.87	\$ (89.81)	\$ (925.74)	\$ 5,113.32	\$ -	\$ 5,113.32	-	-
59	RT_ASM_SUPP_DIST	555.54	\$ 1,471.33	\$ (10.75)	\$ (2.97)	\$ 1,457.61	\$ -	\$ 1,457.61	-	-
60	RT_ASM_STRDFC	555.69	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
61	RT ASM Non-Excessive Energy Amount	555.55	\$ 673,126.89	\$ (601,008.33)	\$ (28,593.78)	\$ 43,524.78	\$ (406,378.21)	\$ (362,853.43)	42,322	(22,183)
62	RT ASM Excessive Energy Amount	555.56	\$ 19,687.29	\$ -	\$ (1,413.63)	\$ 18,273.66	\$ (285.80)	\$ 17,987.86	-	(486)
63	RT_ASM_MISC	555.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
64	TOTAL		\$ 767,551.58	\$ (715,351.31)	\$ (31,168.33)	\$ 21,031.94	\$ (406,664.01)	\$ (385,632.07)	42,322	(45,832)
Grandfathered Charge Types										
65	DA Congestion Rebate on COGA	555.05	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
66	DA Losses Rebate on COGA	555.06	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
67	DA Congestion Rebate on Option B GFA	555.07	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
68	DA Losses Rebate on Option B GFA	555.08	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
69	RT Congestion Rebate on COGA	555.22	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
70	RT Loss Rebate on COGA	555.23	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
71	TOTAL		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
72	TOTAL MISO DAY 2 CHARGES		\$ 15,796,667.88	\$ (14,101,424.37)	\$ (268,209.87)	\$ 1,427,033.64	\$ (523,606.12)	\$ 903,427.52	546,210	(347,220)
73	Less: MISO RSG Bad Debt									
74	TOTAL FOR ND COST OF ENERGY ADJUSTMENT		\$ 15,796,667.88	\$ (14,101,424.37)	\$ (268,209.87)	\$ 1,427,033.64				
75	Net MISO Charges for Retail = (B) + (C) + (D)			\$ 1,427,033.64						
76	Net KWH for retail = ((G) + (H)) * 1,000			198,990,120					198,990,120	
77	March covers time period of 2/22/2024 -- 3/21/2024 ** increased for losses of 2.8%									
78	MISO Book Totals		\$ 1,695,243.51	198,990,120						
79	MISO RSG Bad Debt		\$ -							
80	March Adjustments		\$ (243,909.21)	(5,888,939)						
81	Total MISO		\$ 1,451,334.30	193,101,181						

Otter Tail Power Company						
Detail of Southwest Power Pool (SPP) Charges by Charge Group for Current Month - System						
March 2024 includes any adjustments						
(Revenue) Expense						
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	\$ -	\$ -	\$ 46.90	\$ 46.90
4	RT Non-Asset Energy Amount	555.00	\$ -	\$ -	\$ -	\$ -
5	TOTAL		\$ -	\$ -	\$ 46.90	\$ 46.90
RSG & Make Whole Payments						
6	DA Make-Whole-Payment Distribution Amount	555.02	\$ -	\$ -	\$ -	\$ -
7	RT Make-Whole-Payment Distribution Amount	555.10	\$ -	\$ -	\$ 6.35	\$ 6.35
8	RT Revenue Sufficiency Guarantee Distribution Amount	555.18	\$ -	\$ -	\$ -	\$ -
9	TOTAL		\$ -	\$ -	\$ 6.35	\$ 6.35
Revenue Neutrality Uplift						
10	RT Revenue Neutrality Uplift Distribution Amount	555.15	\$ -	\$ -	\$ (7.54)	\$ (7.54)
11	TOTAL		\$ -	\$ -	\$ (7.54)	\$ (7.54)
Other Charges						
12	DA Regulation-Down Distribution Amount	555.04	\$ -	\$ -	\$ 0.14	\$ 0.14
13	DA Regulation-Up Distribution Amount	555.05	\$ -	\$ -	\$ 0.27	\$ 0.27
14	DA Spinning Reserve Distribution Amount	555.06	\$ -	\$ -	\$ 0.20	\$ 0.20
15	DA Supplemental Reserve Distribution Amount	555.07	\$ -	\$ -	\$ 0.05	\$ 0.05
16	RT Contingency Reserve Deployment Failure Amount	555.08	\$ -	\$ -	\$ -	\$ -
17	RT Over-Collected Losses Distribution Amount	555.11	\$ 354.50	\$ (6,884.43)	\$ 143.70	\$ (6,386.23)
18	RT Regulation-Down Distribution Amount	555.12	\$ -	\$ -	\$ -	\$ -
19	RT Regulation Non-Performance Distribution Amount	555.13	\$ -	\$ -	\$ -	\$ -
20	RT Regulation-Up Distribution Amount	555.14	\$ -	\$ -	\$ -	\$ -
21	RT Spinning Reserve Distribution Amount	555.16	\$ -	\$ -	\$ -	\$ -
22	RT Supplemental Reserve Distribution Amount	555.17	\$ -	\$ -	\$ -	\$ -
23	RT Pseudo Tie Congestion Amount	555.20	\$ 120,788.82	\$ (67,874.06)	\$ 936.45	\$ 53,851.21
24	RT Pseudo Tie Loss Amount	555.21	\$ 10,126.28	\$ (4,082.24)	\$ 111.94	\$ 6,155.98
25	Miscellaneous Amount	555.23	\$ -	\$ (0.14)	\$ -	\$ (0.14)
26	ARR Closeout Yearly Amount	555.26	\$ -	\$ -	\$ -	\$ -
27	RT Demand Reduction Distribution Amount	555.28	\$ -	\$ -	\$ 0.01	\$ 0.01
28	RT Schedule 1A3 Amount	555.29	\$ -	\$ -	\$ 0.08	\$ 0.08
29	RT Schedule 1A4 Amount	555.30	\$ -	\$ -	\$ 0.41	\$ 0.41
30	DA Ramp Up Distribution Amount	555.31	\$ -	\$ -	\$ 0.02	\$ 0.02
31	DA Ramp Down Distribution Amount	555.32	\$ -	\$ -	\$ -	\$ -
32	RT Ramp Non Performance Distribution Amount	555.33	\$ -	\$ -	\$ 0.01	\$ 0.01
33	RT Ramp Up Distribution Amount	555.34	\$ -	\$ -	\$ -	\$ -
34	RT Ramp Down Distribution Amount	555.35	\$ -	\$ -	\$ -	\$ -
35	ArrAucTxnAoAmt	555.36	\$ -	\$ (90,507.68)	\$ -	\$ (90,507.68)
36	TOTAL		\$ 131,269.60	\$ (169,348.55)	\$ 1,193.28	\$ (36,885.67)
Grandfathered Charge Types						
37	DA GFA Carve Out Distribution Deployment Daily Amount	555.01	\$ -	\$ -	\$ 0.07	\$ 0.07
38	DA GFA Carve Out Distribution Deployment Monthly Amount	555.22	\$ -	\$ -	\$ -	\$ -
39	DA GFA Carve Out Distribution Deployment Yearly Amount	555.27	\$ -	\$ -	\$ -	\$ -
40	TOTAL		\$ -	\$ -	\$ 0.07	\$ 0.07
41	TOTAL SPP CHARGES		\$ 131,269.60	\$ (169,348.55)	\$ 1,239.06	\$ (36,839.89)
42	Net SPP Charges for Retail = (B) + (C) + (D)			\$ (36,839.89)		
43	Net KWH for retail = ((F) + (G)) * 1,000					
44	March 2024 covers time period of 2/22/2024 - 3/21/2024					** (F) and (G) increased for losses of 2.8%
				Net SPP KWH		
				(adjusted		
				cumulatively)		
45	SPP Book Totals		\$ (38,078.95)	\$ -		
46	Adjustments		\$ 1,239.06	\$ -		
47	Total SPP		\$ (36,839.89)	\$ -		

