

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



May 24, 2023

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 April 2023.

Per Commission approval in Case No. PU-17-398, the following changes to the Energy Adjustment Rider are reflected in the rates effective June 1, 2023:

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Allowance Adjustment Rider portion of the Environmental Cost Recovery Rider (Electric Rate Schedule Section 13.08) is no longer in effect.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.

10 PU-23-12 Filed 05/24/2023 Pages: 12
Fuel Cost Adjustment - effective June 1, 2023
Otter Tail Power Company

Waiver Request Update

Otter Tail requested a one-time waiver in its February 24, 2023 filing, which was approved on February 28, 2023. The approved tariff provisions allowed for a reduction of the FCA charges by \$14 million of January's costs in the March 2023 rate calculation and an increase of \$3.5 million in each month from April through July. This waiver permitted the smoothing of cost recovery for the energy costs so they did not rise (abruptly) for a single month, but instead, provided more gradual bill impacts for our customers. The waiver does not change the amount recovered over the period, only the timing of the recovery. The June adjustment is included on line 29 of the Energy Adjustment Tracker. Detailed information regarding the drivers of the higher costs for January are included in the Energy Adjustment Rider filing dated February 24, 2023.

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 June 2023 Energy Adjustment Rider based on the four-month period ending April 2023.
- 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 April 2023 marked as Attachment E.
- 7) Monthly Detail of Southwest Power Pool (SPP) Charges by Charge Group for Current Month and Year to Date marked as Attachment F.

Please email invoice for \$50 filing fee to: [Regulatory Filing Coordinators@otpc.com](mailto:Regulatory_Filing_Coordinators@otpc.com). Otter Tail requests to pay the invoice via credit card.

Sincerely,

/s/ *DEREK HAUGEN*
Derek Haugen
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 JUNE 1, 2023

Line	ENERGY COSTS & CREDITS	(A)	(B)	(C)	(D)	(E)
		2023	2023	2023	2023	Total
		January	February	March	April	This Period
1	Purchased Power	\$13,568,544	\$4,138,246	\$1,196,641	\$1,290,019	\$20,193,451
2	Wind Curtailment	(\$53,670)	(\$20,819)	\$60,282	(\$28,301)	(\$42,509)
3	Steam Plant Generation	\$2,035,561	\$2,841,230	\$4,418,984	\$2,724,439	\$12,020,213
4	Other Plant Generation	\$1,089,108	\$411,612	\$601,340	\$754,913	\$2,856,972
5	Hydro Plant Generation	\$0	\$0	\$0	\$0	\$0
6	Steam Plant Reagents	\$95,634	\$111,737	\$219,730	\$130,922	\$558,023
7	Hoot Lake Solar Adjustment	\$0	\$18,858	(\$8,809)	\$15,549	\$25,597
8	Emission Allowance Purchase	\$0	\$0	\$0	\$0	\$0
9	Less: Intersystem Sales	(\$209,329)	(\$421,160)	(\$859,798)	(\$488,187)	(\$1,978,474)
10	Planning Resource Auction Revenues	\$0	\$0	(\$7,568,049)	(\$715,476)	(\$8,283,525)
11	Net Retail MISO Day 2	\$11,525,168	\$6,410,515	\$6,084,707	\$1,776,049	\$25,796,438
12	Net Retail SPP	\$45,663	(\$107,784)	\$246,676	\$90,643	\$275,197
14	NET ENERGY COSTS	\$28,096,679	\$13,382,435	\$4,391,702	\$5,550,570	\$51,421,385
	ASSET-BASED MARGINS	2023	2023	2023	2023	Total
		March	April	May	June	This Period
15	Forecast of Margins - 85%	(\$14,220)	(\$179,127)	(\$55,485)	(\$90,552)	(\$339,384)
16	True-up of prior months margin forecast	\$2,661,234	\$933,300	(\$142,661)	\$125,518	\$3,577,391
17	Total Margin Credit	\$2,647,014	\$754,173	(\$198,146)	\$34,966	\$3,238,007
18	Prior (over) under recovery (line 30)					(\$15,191,158)
19	Adjusted Net Energy Costs (lines 14 + 17 + 18)					\$39,468,235
	ENERGY -- KWH	2023	2023	2023	2023	Total
		January	February	March	April	This Period
20	Retail Sales - kWhs	591,233,807	552,289,646	524,700,322	508,152,664	2,176,376,439
21	System Delivered Cost per kWh					\$0.01813
22	Service Category	E2-E8760 Alloc. Ratio	Class Energy Adjustment Factor (EAF)			
22a	Residential	1.0250	\$ 0.01858			
22b	Farms	0.9690	\$ 0.01757			
22c	General Service	1.0160	\$ 0.01842			
22d	Large General Service	0.9670	\$ 0.01753			
22e	Irrigation Services	0.9370	\$ 0.01699			
22f	Outdoor Lighting	0.7840	\$ 0.01421			
22g	OPA	1.0110	\$ 0.01833			
22h	Controlled Service Water Heating	1.0350	\$ 0.01876			
22i	Controlled Service Interruptible	1.0370	\$ 0.01880			
22j	Controlled Service Deferred	0.9630	\$ 0.01746			
TRUE UP FOR APRIL						
23	Retail Sales (kWhs) (Col D, Line 20)				508,152,664	
24	Net Energy Costs for the System -- Most recent month (Col D Line 14, Col B Line 17)				\$6,304,743	
25	COE Recovery Rate Effective for April				\$0.04242	
26	Amount Recovered by COE (Line 25 x Line 23)				\$21,555,836	
27	(Over) / Under Recovery (Line 26 minus Line 24)				(\$15,251,093)	
28	Cumulative (Over) / Under Recovery (prior month cumulative (over)/under) (Line 27 + Line 28 prior month)				(\$18,691,158)	
29	Deferral Adjustment (Line 34)				\$3,500,000	
30	Revised (Over)/Under Recovery (Line 28 + Line 29)				(\$15,191,158)	
	Rate Month		Deferral	Recovery		
31	Deferral Adjustment March 2023		(\$14,000,000)			
32	Deferral Adjustment April 2023			\$3,500,000		
33	Deferral Adjustment May 2023			\$3,500,000		
34	Deferral Adjustment June 2023			\$3,500,000		
35	Deferral Adjustment July 2023			\$3,500,000		
36			(\$14,000,000)	\$14,000,000		

Otter Tail Power Company								
Monthly Detail of MISO Day 2 Charges by Charge Type for ND Energy Adjustment Rider - System								
April 2023 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	\$ 6,926,194.47	\$ 6,949,621.91	\$ -	\$ -	\$ 6,949,621.91	\$ (23,427.44)
2	DA Non-asset Energy Amount	555.09	\$ (77,749.04)	\$ (77,749.04)	\$ -	\$ -	\$ (77,749.04)	\$ -
3	DA Virtual Energy Amount	555.12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	RT Asset Energy Amount	555.19	\$ (773,573.94)	\$ (773,573.94)	\$ -	\$ -	\$ (773,573.94)	\$ -
5	RT Non-Asset Energy Amount	555.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6	RT Virtual Energy Amount	555.32	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	ENERGY CHARGES TOTAL		\$ 6,074,871.49	\$ 6,098,298.93	\$ -	\$ -	\$ 6,098,298.93	\$ (23,427.44)
8	DA Mkt Admin Amount	555.01	\$ 64,012.07	\$ 63,956.65	\$ -	\$ -	\$ 63,956.65	\$ 55.42
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	\$ (1,516.56)	\$ (1,516.56)	\$ -	\$ -	\$ (1,516.56)	\$ -
16	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	\$ 8,274.44	\$ 7,954.28	\$ -	\$ -	\$ 7,954.28	\$ 320.16
17	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	\$ (3,556.32)	\$ (3,344.96)	\$ -	\$ -	\$ (3,344.96)	\$ (211.36)
18	FTR Mkt Admin Amount	555.13	\$ 1,583.68	\$ 1,583.68	\$ -	\$ -	\$ 1,583.68	\$ -
19	FTR Hourly Allocation Amount	555.14	\$ (4,371,654.70)	\$ (4,371,654.70)	\$ -	\$ -	\$ (4,371,654.70)	\$ -
20	FTR Monthly Allocation Amount	555.15	\$ (241,264.34)	\$ (241,264.34)	\$ -	\$ -	\$ (241,264.34)	\$ -
21	FTR Monthly Transaction Amount	555.35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
22	FTR Yearly Allocation Amount	555.17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23	RT Mkt Admin Amount	555.18	\$ 11,449.15	\$ 9,506.87	\$ -	\$ -	\$ 9,506.87	\$ 1,942.28
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	\$ (163,984.56)	\$ (163,984.56)	\$ -	\$ -	\$ (163,984.56)	\$ -
29	RT Misc Amount	555.25	\$ (41.86)	\$ (41.86)	\$ -	\$ -	\$ (41.86)	\$ -
30	RT Net Inadvertent Amount	555.27	\$ (11,519.95)	\$ (11,519.95)	\$ -	\$ -	\$ (11,519.95)	\$ -
31	RT Ramp Product	555.64	\$ 362.76	\$ 362.76	\$ -	\$ -	\$ 362.76	\$ -
32	RT Revenue Neutrality Uplift Amount	555.28	\$ 200,096.40	\$ 192,351.28	\$ -	\$ -	\$ 192,351.28	\$ 7,745.12
33	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29	\$ 5,058.51	\$ 4,862.99	\$ -	\$ -	\$ 4,862.99	\$ 195.52
34	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	\$ (37,642.43)	\$ -	\$ -	\$ -	\$ -	\$ (37,642.43)
35	RT Uninstructed Deviation Amount	555.31	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36	FTR Full Funding Guarantee Amount	555.36	\$ (231,101.84)	\$ (231,101.84)	\$ -	\$ -	\$ (231,101.84)	\$ -
37	FTR Guarantee Uplift Amount	555.37	\$ 227,412.00	\$ 227,412.00	\$ -	\$ -	\$ 227,412.00	\$ -
38	FTR Auction Revenue Rights Transaction Amount	555.39	\$ (6,230,967.71)	\$ (6,230,967.71)	\$ -	\$ -	\$ (6,230,967.71)	\$ -
39	FTR Annual Transaction Amount	555.38	\$ 6,216,353.40	\$ 6,216,353.40	\$ -	\$ -	\$ 6,216,353.40	\$ -

Otter Tail Power Company								
Monthly Detail of MISO Day 2 Charges by Charge Type for ND Energy Adjustment Rider - System								
April 2023 includes any adjustments								
No.	Charge Type Description	(A)	(B)	(C)		(D)	(E)	(F)
		Acct	Total	Retail	Other	Total	Non-Energy Adj. Rider	
40	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	\$ 31,407.02	\$ 31,407.02	\$ -	\$ 31,407.02	\$ -	
41	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	\$ (115,534.11)	\$ (115,534.11)	\$ -	\$ (115,534.11)	\$ -	
42	RT Price Volatility Make Whole Payment	555.42	\$ (18,870.00)	\$ (18,139.63)	\$ -	\$ (18,139.63)	\$ (730.37)	
43	DA_ASM_REG	555.43	\$ (34,952.53)	\$ (34,952.53)	\$ -	\$ (34,952.53)	\$ -	
44	DA_ASM_SPIN	555.44	\$ (16,981.83)	\$ (16,981.83)	\$ -	\$ (16,981.83)	\$ -	
45	DA_ASM_STR	555.66	\$ (21,130.93)	\$ (21,130.93)	\$ -	\$ (21,130.93)	\$ -	
46	DA_ASM_SUPP	555.45	\$ (5,164.02)	\$ (5,164.02)	\$ -	\$ (5,164.02)	\$ -	
47	RT_ASM_REG	555.46	\$ (14,343.96)	\$ (14,343.96)	\$ -	\$ (14,343.96)	\$ -	
48	RT_ASM_SPIN	555.47	\$ (3,642.39)	\$ (3,642.39)	\$ -	\$ (3,642.39)	\$ -	
49	RT_ASM_STR	555.67	\$ 1,829.56	\$ 1,829.56	\$ -	\$ 1,829.56	\$ -	
50	RT_ASM_SUPP	555.48	\$ 3,899.83	\$ 3,899.83	\$ -	\$ 3,899.83	\$ -	
51	RT_ASM_NRGA	555.49	\$ 479.41	\$ 479.41	\$ -	\$ 479.41	\$ -	
52	RT_ASM_EXE_DFE_DEP	555.50	\$ 7,440.49	\$ 7,440.49	\$ -	\$ 7,440.49	\$ -	
53	RT_ASM_CRDFC	555.51	\$ -	\$ -	\$ -	\$ -	\$ -	
54	RT_ASM_REG_DIST	555.52	\$ 17,429.90	\$ 17,429.90	\$ -	\$ 17,429.90	\$ -	
55	RT_ASM_SPIN_DIST	555.53	\$ 16,317.24	\$ 16,317.24	\$ -	\$ 16,317.24	\$ -	
56	RT_ASM_STR_DIST	555.68	\$ 8,933.37	\$ 8,933.37	\$ -	\$ 8,933.37	\$ -	
57	RT_ASM_SUPP_DIST	555.54	\$ 1,374.84	\$ 1,374.84	\$ -	\$ 1,374.84	\$ -	
58	RT_ASM_STRDFC	555.69	\$ -	\$ -	\$ -	\$ -	\$ -	
59	RT ASM Non-Excessive Energy Amount	555.55	\$ (184,789.63)	\$ 314,381.53	\$ -	\$ 314,381.53	\$ (499,171.16)	
60	RT ASM Excessive Energy Amount	555.56	\$ 1,903.45	\$ 2,533.28	\$ -	\$ 2,533.28	\$ (629.83)	
61	RT_ASM_MISC	555.25	\$ -	\$ -	\$ -	\$ -	\$ -	
62	RT Demand Response Allocation Uplift Amount	555.59	\$ 3,037.30	\$ 3,037.30	\$ -	\$ 3,037.30	\$ -	
63	RT Schedule 49 Cost Distribution Amount	555.65	\$ 29,627.86	\$ 29,627.86	\$ -	\$ 29,627.86	\$ -	
64	ENERGY CHARGES TOTAL		\$ (4,850,376.99)	\$ (4,322,250.34)	\$ -	\$ (4,322,250.34)	\$ (528,126.65)	
65	TOTAL MISO DAY 2 CHARGES		\$ 1,224,494.50	\$ 1,776,048.59	\$ -	\$ 1,776,048.59	\$ (551,554.09)	
66	Less: MISO RSG Bad Debt		\$ -	\$ -		\$ -	\$ -	
67	TOTAL FOR ND COST OF ENERGY ADJUSTMENT		\$ 1,224,494.50	\$ 1,776,048.59		\$ 1,776,048.59	\$ (551,554.09)	

Otter Tail Power Company										
Detail of MISO Day 2 Charges by Charge Group for Current Month - System										
April 2023 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	\$ 11,128,552.58	\$ (4,178,930.67)	\$ -	\$ 6,949,621.91	\$ (23,427.44)	\$ 6,926,194.47	444,925	(255,249)
2	DA FBT Loss Amount	555.04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
3	DA Non-asset Energy Amount	555.09	\$ -	\$ (77,749.04)	\$ -	\$ (77,749.04)	\$ -	\$ (77,749.04)	-	(4,106)
4	RT Asset Energy Amount	555.19	\$ 218,800.24	\$ (302,353.07)	\$ (690,021.11)	\$ (773,573.94)	\$ -	\$ (773,573.94)	10,806	(14,720)
5	RT Distribution of Losses Amount	555.24	\$ 10,021.80	\$ (183,500.27)	\$ 9,493.91	\$ (163,984.56)	\$ -	\$ (163,984.56)	-	-
6	RT FBT Loss Amount	555.21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
7	RT Non-Asset Energy Amount	555.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
8	TOTAL		\$ 11,357,374.62	\$ (4,742,533.05)	\$ (680,527.20)	\$ 5,934,314.37	\$ (23,427.44)	\$ 5,910,886.93	455,730	(274,075)
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	\$ 63,956.65	\$ -	\$ -	\$ 63,956.65	\$ 55.42	\$ 64,012.07	-	-
13	RT Mkt Admin Amount	555.18	\$ 10,105.08	\$ -	\$ (598.21)	\$ 9,506.87	\$ 1,942.28	\$ 11,449.15	-	-
14	FTR_Mkt Admin Amount	555.13	\$ 1,583.68	\$ -	\$ -	\$ 1,583.68	\$ -	\$ 1,583.68	-	-
15	TOTAL		\$ 75,645.41	\$ -	\$ (598.21)	\$ 75,047.20	\$ 1,997.70	\$ 77,044.90	-	-
Congest & FTRs										
16	DA FBT Congestion Amount	555.03	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
17	RT FBT Congestion Amount	555.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
18	FTR Hourly Allocation Amount	555.14	\$ 68,358.25	\$ (4,440,038.20)	\$ 25.25	\$ (4,371,654.70)	\$ -	\$ (4,371,654.70)	-	-
19	FTR Monthly Allocation Amount	555.15	\$ -	\$ (241,251.27)	\$ (13.07)	\$ (241,264.34)	\$ -	\$ (241,264.34)	-	-
20	FTR Yearly Allocation Amount	555.17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
21	FTR Monthly Transaction Amount	555.35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
22	FTR Full Funding Guarantee Amount	555.36	\$ 239,967.57	\$ (471,057.23)	\$ (12.18)	\$ (231,101.84)	\$ -	\$ (231,101.84)	-	-
23	FTR Guarantee Uplift Amount	555.37	\$ 471,057.23	\$ (243,657.41)	\$ 12.18	\$ 227,412.00	\$ -	\$ 227,412.00	-	-
24	FTR Auction Revenue Rights Transaction Amount	555.39	\$ 206,697.51	\$ (6,437,665.22)	\$ -	\$ (6,230,967.71)	\$ -	\$ (6,230,967.71)	-	-
25	FTR Annual Transaction Amount	555.38	\$ 6,423,182.78	\$ (206,829.38)	\$ -	\$ 6,216,353.40	\$ -	\$ 6,216,353.40	-	-
26	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	\$ 31,407.02	\$ -	\$ -	\$ 31,407.02	\$ -	\$ 31,407.02	-	-
27	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	\$ -	\$ (115,534.01)	\$ (0.10)	\$ (115,534.11)	\$ -	\$ (115,534.11)	-	-
28	TOTAL		\$ 7,440,670.36	\$ (12,156,032.72)	\$ 12.08	\$ (4,715,350.28)	\$ -	\$ (4,715,350.28)	-	-
RSG & Make Whole Payments										
29	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	\$ 7,956.32	\$ -	\$ (2.04)	\$ 7,954.28	\$ 320.16	\$ 8,274.44	-	-
30	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	\$ -	\$ (3,344.96)	\$ -	\$ (3,344.96)	\$ (211.36)	\$ (3,556.32)	-	-
31	RT Revenue Sufficiency Guarantee First Pass Distribution Amou	555.29	\$ 4,545.42	\$ -	\$ 317.57	\$ 4,862.99	\$ 195.52	\$ 5,058.51	-	-
32	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	\$ -	\$ -	\$ -	\$ -	\$ (37,642.43)	\$ (37,642.43)	-	-
33	RT Price Volatility Make Whole Payment	555.42	\$ -	\$ (18,134.13)	\$ (5.50)	\$ (18,139.63)	\$ (730.37)	\$ (18,870.00)	-	-
34	TOTAL		\$ 12,501.74	\$ (21,479.09)	\$ 310.03	\$ (8,667.32)	\$ (38,068.48)	\$ (46,735.80)	-	-
Revenue Neutrality Uplift										
35	RT Revenue Neutrality Uplift Amount	555.28	\$ 200,655.47	\$ (12,694.47)	\$ 4,390.28	\$ 192,351.28	\$ 7,745.12	\$ 200,096.40	-	-
36	TOTAL		\$ 200,655.47	\$ (12,694.47)	\$ 4,390.28	\$ 192,351.28	\$ 7,745.12	\$ 200,096.40	-	-
Other Charges										
37	RT Misc Amount	555.25	\$ -	\$ -	\$ (41.86)	\$ (41.86)	\$ -	\$ (41.86)	-	-
38	RT Net Inadvertent Amount	555.27	\$ 2,427.59	\$ (10,255.88)	\$ (3,691.66)	\$ (11,519.95)	\$ -	\$ (11,519.95)	-	-
39	RT Uninstructed Deviation Amount	555.31	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
40	RT Demand Response Allocation Uplift Amount	555.59	\$ -	\$ -	\$ 3,037.30	\$ 3,037.30	\$ -	\$ 3,037.30	-	-
41	DA Ramp Product Amount	555.63	\$ -	\$ (1,516.56)	\$ -	\$ (1,516.56)	\$ -	\$ (1,516.56)	-	-
42	RT Ramp Product Amount	555.64	\$ 905.74	\$ (542.98)	\$ -	\$ 362.76	\$ -	\$ 362.76	-	-
43	RT Schedule 49 Cost Distribution Amount	555.65	\$ -	\$ -	\$ 29,627.86	\$ 29,627.86	\$ -	\$ 29,627.86	-	-
44	TOTAL		\$ 3,333.33	\$ (12,315.42)	\$ (696.22)	\$ (9,678.31)	\$ -	\$ (9,678.31)	-	-
ASM Charges										
45	DA_ASM_REG	555.43	\$ -	\$ (34,952.53)	\$ -	\$ (34,952.53)	\$ -	\$ (34,952.53)	-	(4,432)
46	DA_ASM_SPIN	555.44	\$ -	\$ (16,981.83)	\$ -	\$ (16,981.83)	\$ -	\$ (16,981.83)	-	(1,992)
47	DA_ASM_STR	555.66	\$ -	\$ (21,130.93)	\$ -	\$ (21,130.93)	\$ -	\$ (21,130.93)	-	-
48	DA_ASM_SUPP	555.45	\$ -	\$ (5,164.02)	\$ -	\$ (5,164.02)	\$ -	\$ (5,164.02)	-	(17,796)
49	RT_ASM_REG	555.46	\$ 13,642.20	\$ (27,986.16)	\$ -	\$ (14,343.96)	\$ -	\$ (14,343.96)	-	-
50	RT_ASM_SPIN	555.47	\$ 5,271.47	\$ (8,913.86)	\$ -	\$ (3,642.39)	\$ -	\$ (3,642.39)	-	-
51	RT_ASM_STR	555.67	\$ 4,117.20	\$ (2,287.64)	\$ -	\$ 1,829.56	\$ -	\$ 1,829.56	-	-

Otter Tail Power Company										
Detail of MISO Day 2 Charges by Charge Group for Current Month - System										
April 2023 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 \$	3,906.84 \$	(7.01) \$	- \$	3,899.83 \$	- \$	3,899.83	-	-
53	RT_ASM_NRGA	555.49 \$	2,626.45 \$	(2,147.04) \$	- \$	479.41 \$	- \$	479.41	-	-
54	RT_ASM_EXE_DFE_DEP	555.50 \$	7,428.11 \$	(0.12) \$	12.50 \$	7,440.49 \$	- \$	7,440.49	-	-
55	RT_ASM_CRDFC	555.51 \$	- \$	- \$	- \$	- \$	- \$	-	-	-
56	RT_ASM_REG_DIST	555.52 \$	18,583.54 \$	(329.99) \$	(823.65) \$	17,429.90 \$	- \$	17,429.90	-	-
57	RT_ASM_SPIN_DIST	555.53 \$	16,842.30 \$	(42.01) \$	(483.05) \$	16,317.24 \$	- \$	16,317.24	-	-
58	RT_ASM_STR_DIST	555.68 \$	9,079.15 \$	(96.26) \$	(49.52) \$	8,933.37 \$	- \$	8,933.37	-	-
59	RT_ASM_SUPP_DIST	555.54 \$	1,446.98 \$	(2.50) \$	(69.64) \$	1,374.84 \$	- \$	1,374.84	-	-
60	RT_ASM_STRDFC	555.69 \$	- \$	- \$	- \$	- \$	- \$	-	-	-
61	RT ASM Non-Excessive Energy Amount	555.55 \$	664,801.50 \$	(365,430.94) \$	15,010.97 \$	314,381.53 \$	(499,171.16) \$	(184,789.63)	38,097	(29,227)
62	RT ASM Excessive Energy Amount	555.56 \$	1,211.37 \$	(41.88) \$	1,363.79 \$	2,533.28 \$	(629.83) \$	1,903.45	-	(208)
63	RT_ASM_MISC	555.25 \$	- \$	- \$	- \$	- \$	- \$	-	-	-
64	TOTAL	\$ 748,957.11	\$ (485,514.72)	\$ 14,961.40	\$ 278,403.79	\$ (499,800.99)	\$ (221,397.20)	38,097	(53,655)	
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	\$ 19,839,138.04	\$ (17,430,569.47)	\$ (662,147.84)	\$ 1,746,420.73	\$ (551,554.09)	\$ 1,194,866.64	493,827	(327,730)	
73	Less: MISO RSG Bad Debt									
74	TOTAL FOR ND COST OF ENERGY ADJUSTMENT	\$ 19,839,138.04	\$ (17,430,569.47)	\$ (662,147.84)	\$ 1,746,420.73					
75	Net MISO Charges for Retail = (B) + (C) + (D)		\$ 1,746,420.73							
76	Net KWH for retail = ((G) + (H)) * 1,000			166,097,462					166,097,462	
77	April covers time period of 3/24/2023 – 4/20/2023 ** increased for losses of 2.8%									
78	MISO Book Totals	\$ 2,408,568.57		166,097,462						
79	MISO RSG Bad Debt	\$ -								
80	April Adjustments	\$ (632,519.98)		(23,066,432)						
81	Total MISO	\$ 1,776,048.59		143,031,031						

Otter Tail Power Company						
Detail of Southwest Power Pool (SPP) Charges by Charge Group for Current Month - System						
April 2023 includes any adjustments						
(Revenue) Expense						
	(A)	(B)	(C)	(D)	(E)	(F) and (G)**
Charge Type Description	Acct	Retail Debits	Retail Credits	Retail Adjustments	Net Retail	Charge types with MWH for Retail
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	\$ -	\$ -	\$ -	\$ -
4	RT Non-Asset Energy Amount	555.00	\$ -	\$ -	\$ -	\$ -
5	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -
RSG & Make Whole Payments						
6	DA Make-Whole-Payment Distribution Amount	555.02	\$ -	\$ -	\$ -	\$ -
7	RT Make-Whole-Payment Distribution Amount	555.10	\$ -	\$ -	\$ -	\$ -
8	RT Revenue Sufficiency Guarantee Distribution Amount	555.18	\$ -	\$ -	\$ -	\$ -
9	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -
Revenue Neutrality Uplift						
10	RT Revenue Neutrality Uplift Distribution Amount	555.15	\$ -	\$ -	\$ -	\$ -
11	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -
Other Charges						
12	DA Regulation-Down Distribution Amount	555.04	\$ -	\$ -	\$ -	\$ -
13	DA Regulation-Up Distribution Amount	555.05	\$ -	\$ -	\$ -	\$ -
14	DA Spinning Reserve Distribution Amount	555.06	\$ -	\$ -	\$ -	\$ -
15	DA Supplemental Reserve Distribution Amount	555.07	\$ -	\$ -	\$ -	\$ -
16	RT Contingency Reserve Deployment Failure Amount	555.08	\$ -	\$ -	\$ -	\$ -
17	RT Over-Collected Losses Distribution Amount	555.11	\$ 147.86	\$ (8,110.07)	\$ (8,885.42)	\$ (16,847.63)
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	\$ 166,721.52	\$ (60,545.50)	\$ -	\$ 106,176.02
24	RT Pseudo Tie Loss Amount	555.21	\$ 8,020.51	\$ (6,706.16)	\$ -	\$ 1,314.35
25	Miscellaneous Amount	555.23	\$ -	\$ -	\$ -	\$ -
26	ARR Closeout Yearly Amount	555.26	\$ -	\$ -	\$ -	\$ -
27	RT Demand Reduction Distribution Amount	555.28	\$ -	\$ -	\$ -	\$ -
28	RT Schedule 1A3 Amount	555.29	\$ -	\$ -	\$ -	\$ -
29	RT Schedule 1A4 Amount	555.30	\$ -	\$ -	\$ -	\$ -
30	DA Ramp Up Distribution Amount	555.31	\$ -	\$ -	\$ -	\$ -
31	DA Ramp Down Distribution Amount	555.32	\$ -	\$ -	\$ -	\$ -
32	RT Ramp Non Performance Distribution Amount	555.33	\$ -	\$ -	\$ -	\$ -
33	RT Ramp Up Distribution Amount	555.34	\$ -	\$ -	\$ -	\$ -
34	RT Ramp Down Distribution Amount	555.35	\$ -	\$ -	\$ -	\$ -
35	TOTAL	\$ 174,889.89	\$ (75,361.73)	\$ (8,885.42)	\$ 90,642.74	\$ -
Grandfathered Charge Types						
36	DA GFA Carve Out Distribution Deployment Daily Amount	555.01	\$ -	\$ -	\$ -	\$ -
37	DA GFA Carve Out Distribution Deployment Monthly Amount	555.22	\$ -	\$ -	\$ -	\$ -
38	DA GFA Carve Out Distribution Deployment Yearly Amount	555.27	\$ -	\$ -	\$ -	\$ -
39	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -
40	TOTAL SPP CHARGES	\$ 174,889.89	\$ (75,361.73)	\$ (8,885.42)	\$ 90,642.74	\$ -
41	Net SPP Charges for Retail = (B) + (C) + (D)		\$ 90,642.74			
42	Net KWH for retail = ((F) + (G)) * 1,000					
					** (F) and (G) increased for losses of 2.8%	
43	April 2023 covers time period of 03/24/2023 -- 04/20/2023					
44	SPP Book Totals	\$ 99,528.16				
45	Adjustments	\$ (8,885.42)				
46	Total SPP	\$ 90,642.74				

