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February 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 January 2023.

Per Commission approval in Case No. PU-17-398, the following changes to the Energy Adjustment Rider are reflected in the rates effective March 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Allowance Adjustment Rider portion of the Environmental Cost Recovery Rider (Electric Rate Schedule Section 13.08) is no longer in effect.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 recovery of Coyote Station pebble lime reagent is no longer in base rates, but is recovered in the Energy Adjustment Rider.

Waiver Request

Additionally, Otter Tail requests a one-time waiver, from its tariff provisions to permit reduction of the FCA charges by \$14 million of January's costs in the March 2023 rate calculation and increase them by \$3.5 million in each month from April through July. This waiver will permit the smoothing of cost recovery for the energy costs so they do not rise (abruptly) for a single month. Instead, the waiver will permit more gradual bill impacts for our customers. The waiver will not change the amount recovered over the period, only the timing of the recovery.

1 PU-23-81 Filed 02/24/2023 Pages: 13
Fuel Claus Adjustment Waiver Request
Otter Tail Power Company
Derek Haugen

Background / Bullet Point overview:

- Big Stone Plant was offline for outage from November 5, 2022 through the month of January 2023, for the purpose of examining and considering repair of its “exciter,” which was experiencing a vibration condition.
- Otter Tail procured replacement power in December from the market and through forward purchases to cover the expected energy that would have been produced by Big Stone but for the outage. These procurements were for both December 2022 and January 2023.
- The purchases were at a cost higher than the fuel costs that would have been incurred to operate the Big Stone Plant, and therefore the monthly fuel and purchased power costs for December and January were higher than prior months.
- Incorporating those December and January costs into our normal monthly fuel clause mechanism calculation would yield an average monthly rate for March of \$0.04554 per kWh. (For comparison, February’s average effective rate was \$0.03323, which did reflect higher December costs associated with the Big Stone outage).
- Big Stone Plant personnel located, rented, and installed a temporary “exciter” that allowed us to bring the plant back on-line on February 9, 2023.
- Because the outage and the increase to power costs was temporary and the plant is now back on-line, we expect costs to return to normal (of course, actual future costs will reflect actual market conditions and the ongoing performance of our generation facilities).
- There is an opportunity, in this unique circumstance, to mitigate the abruptness of rate impacts relating to the outage by spreading them over a somewhat longer period than would ordinarily occur under the terms of our tariff.
- We are therefore proposing a waiver to our tariff to defer and spread a portion of the January costs for recovery over the rate calculations for four months, April, May, June and July.
- The proposed deferral adjustment is \$14,000,000. Incorporating that cost deferral would reduce the system average March rate to \$0.03853 per kWh.
- Otter Tail proposes to include \$3,500,000 per month for the 4 months (April, May, June, July rate calcs) to recover those costs.
- The estimated impact of including the costs in each of those months is an increase in the monthly rate by approximately \$0.00175 per kWh.
- This request will not change the amount of costs recovered; it will only change the timing of recovery (instead of recovering them in one month, they will be recovered over four months).
- Given current views of market prices and assuming normal operations from Otter Tail generation resources, Otter Tail anticipates monthly costs be back to more historical levels and therefore this circumstance permits this one-time change to the timing of recovery.
- The risk associated with this requested approach is if other costs were to unexpectedly increase over the four-month period, the impacts in the four-month recovery window would need to be reconsidered so that they don’t cause undesirably high rates in those months. While we don’t expect that to occur, if it

did occur, we would follow up with the Commission to consider other options for the timing of recovery.

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 March 2023 Energy Adjustment Rider based on the four-month period ending January 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 January 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. 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 MARCH 1, 2023

Line	ENERGY COSTS & CREDITS	(A)	(B)	(C)	(D)	(E)
		2022	2022	2022	2023	Total
		October	November	December	January	This Period
1	Purchased Power	\$1,505,603	\$1,936,020	\$3,667,899	\$13,568,544	\$20,678,066
2	Wind Curtailment	\$183,104	(\$11,039)	\$148,176	(\$53,670)	\$266,571
3	Steam Plant Generation	\$2,664,435	\$1,916,783	\$2,169,127	\$2,035,561	\$8,785,905
4	Other Plant Generation	\$862,845	\$1,029,200	\$1,761,059	\$1,089,108	\$4,742,212
5	Hydro Plant Generation	\$0	\$0	\$0	\$0	\$0
6	Steam Plant Reagents	\$63,428	\$47,063	\$16,914	\$23,184	\$150,590
7	Coyote Lime	\$72,511	\$49,155	\$74,462	\$72,450	\$268,578
8	Emission Allowance Purchase	\$0	\$0	\$0	\$0	\$0
9	Less: Intersystem Sales	(\$537,746)	(\$369,386)	(\$1,251,840)	(\$209,329)	(\$2,368,302)
10	Net Retail MISO Day 2	\$6,653,563	\$7,755,643	\$19,167,391	\$11,525,168	\$45,101,765
11	Net Retail SPP	(\$229,838)	(\$208,007)	(\$420,942)	\$45,663	(\$813,124)
12						
13	NET ENERGY COSTS	\$11,237,906	\$12,145,432	\$25,332,245	\$28,096,679	\$76,812,261

Line	ASSET-BASED MARGINS	2022	2023	2023	2023	Total
		December	January	February	March	This Period
14	Forecast of Margins - 85%	(\$301,860)	(\$2,756,230)	(\$754,367)	(\$14,220)	(\$3,826,677)
15	True-up of prior months margin forecast	(\$102,605)	(\$17,542)	(\$2,093,947)	\$2,661,234	\$447,140
16	Total Margin Credit	(\$404,465)	(\$2,773,772)	(\$2,848,314)	\$2,647,014	(\$3,379,537)
17	Prior (over) under recovery (line 29)					\$3,556,387
18	Adjusted Net Energy Costs (lines 13 + 16 + 17)					\$76,989,112

Line	ENERGY -- KWH	2022	2022	2022	2023	Total
		October	November	December	January	This Period
19	Retail Sales - kWhs	429,364,579	459,289,285	518,170,378	591,233,807	1,998,058,049
20	System Delivered Cost per kWh					\$0.03853

21	Service Category	E2-E8760 Alloc. Ratio	Class Energy	
			Adjustment Factor (EAF)	
21a	Residential	1.0250	\$	0.03949
21b	Farms	0.9690	\$	0.03734
21c	General Service	1.0160	\$	0.03915
21d	Large General Service	0.9670	\$	0.03726
21e	Irrigation Services	0.9370	\$	0.03610
21f	Outdoor Lighting	0.7840	\$	0.03021
21g	OPA	1.0110	\$	0.03895
21h	Controlled Service Water Heating	1.0350	\$	0.03988
21i	Controlled Service Interruptible	1.0370	\$	0.03996
21j	Controlled Service Deferred	0.9630	\$	0.03710

TRUE UP FOR JANUARY

22	Retail Sales (kWhs) (Col D, Line 19)	591,233,807
23	Net Energy Costs for the System -- Most recent month (Col D Line 13, Col B Line 16)	\$25,322,907
24	COE Recovery Rate Effective for January	\$0.02481
25	Amount Recovered by COE (Line 24 x Line 22)	\$14,668,511
26	(Over) / Under Recovery (Line 23 minus Line 25)	\$10,654,396
27	Cumulative (Over) / Under Recovery (prior month cumulative (over)/under) (Line 26 + Line 27 prior month)	\$17,556,387
28	Deferral Adjustment (Line 30)	(\$14,000,000)
29	Revised (Over)/Under Recovery (Line 27 + Line 28)	\$3,556,387

Rate Month	Deferral	Recovery
30	Deferral Adjustment March 2023	(\$14,000,000)
31	Deferral Adjustment April 2023	\$3,500,000
32	Deferral Adjustment May 2023	\$3,500,000
33	Deferral Adjustment June 2023	\$3,500,000
34	Deferral Adjustment July 2023	\$3,500,000
35		(\$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								
January 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	Other			
1	DA Asset Energy Amount	555.02	\$ 12,112,725.69	\$ 12,299,841.74	\$ -	\$ -	\$ 12,299,841.74	\$ (187,116.05)
2	DA Non-asset Energy Amount	555.09	\$ (514,940.53)	\$ (514,940.53)	\$ -	\$ -	\$ (514,940.53)	\$ -
3	DA Virtual Energy Amount	555.12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	RT Asset Energy Amount	555.19	\$ 1,070,855.99	\$ 1,070,855.99	\$ -	\$ -	\$ 1,070,855.99	\$ -
5	RT Non-Asset Energy Amount	555.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6	RT Virtual Energy Amount	555.32	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	ENERGY CHARGES TOTAL		\$ 12,668,641.15	\$ 12,855,757.20	\$ -	\$ -	\$ 12,855,757.20	\$ (187,116.05)
8	DA Mkt Admin Amount	555.01	\$ 51,801.68	\$ 51,474.99	\$ -	\$ -	\$ 51,474.99	\$ 326.69
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	\$ 12,164.75	\$ 12,001.22	\$ -	\$ -	\$ 12,001.22	\$ 163.53
17	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18	FTR Mkt Admin Amount	555.13	\$ 1,530.16	\$ 1,530.16	\$ -	\$ -	\$ 1,530.16	\$ -
19	FTR Hourly Allocation Amount	555.14	\$ (2,051,060.48)	\$ (2,051,060.48)	\$ -	\$ -	\$ (2,051,060.48)	\$ -
20	FTR Monthly Allocation Amount	555.15	\$ (73,887.86)	\$ (73,887.86)	\$ -	\$ -	\$ (73,887.86)	\$ -
21	FTR Monthly Transaction Amount	555.35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
22	FTR Yearly Allocation Amount	555.17	\$ (61,725.85)	\$ (61,725.85)	\$ -	\$ -	\$ (61,725.85)	\$ -
23	RT Mkt Admin Amount	555.18	\$ 7,062.28	\$ 6,593.94	\$ -	\$ -	\$ 6,593.94	\$ 468.34
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	\$ (262,145.05)	\$ (262,145.05)	\$ -	\$ -	\$ (262,145.05)	\$ -
29	RT Misc Amount	555.25	\$ 3,942.99	\$ 3,942.99	\$ -	\$ -	\$ 3,942.99	\$ -
30	RT Net Inadvertent Amount	555.27	\$ (14,941.84)	\$ (14,941.84)	\$ -	\$ -	\$ (14,941.84)	\$ -
31	RT Ramp Product	555.64	\$ (119.14)	\$ (119.14)	\$ -	\$ -	\$ (119.14)	\$ -
32	RT Revenue Neutrality Uplift Amount	555.28	\$ 147,561.92	\$ 145,576.91	\$ -	\$ -	\$ 145,576.91	\$ 1,985.01
33	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29	\$ 8,213.54	\$ 8,103.17	\$ -	\$ -	\$ 8,103.17	\$ 110.37
34	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	\$ (37,054.36)	\$ -	\$ -	\$ -	\$ -	\$ (37,054.36)
35	RT Uninstructed Deviation Amount	555.31	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36	FTR Full Funding Guarantee Amount	555.36	\$ 65,830.02	\$ 65,830.02	\$ -	\$ -	\$ 65,830.02	\$ -
37	FTR Guarantee Uplift Amount	555.37	\$ (67,750.04)	\$ (67,750.04)	\$ -	\$ -	\$ (67,750.04)	\$ -
38	FTR Auction Revenue Rights Transaction Amount	555.39	\$ (7,483,097.05)	\$ (7,483,097.05)	\$ -	\$ -	\$ (7,483,097.05)	\$ -
39	FTR Annual Transaction Amount	555.38	\$ 7,480,579.15	\$ 7,480,579.15	\$ -	\$ -	\$ 7,480,579.15	\$ -

Otter Tail Power Company								
Monthly Detail of MISO Day 2 Charges by Charge Type for ND Energy Adjustment Rider - System								
January 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	\$ 9,195.17	\$ 9,195.17	\$ -	\$ 9,195.17	\$ -	
41	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	\$ (108,463.00)	\$ (108,463.00)	\$ -	\$ (108,463.00)	\$ -	
42	RT Price Volatility Make Whole Payment	555.42	\$ (31,789.74)	\$ (31,362.10)	\$ -	\$ (31,362.10)	\$ (427.64)	
43	DA_ASM_REG	555.43	\$ (8,750.14)	\$ (8,750.14)	\$ -	\$ (8,750.14)	\$ -	
44	DA_ASM_SPIN	555.44	\$ (665.14)	\$ (665.14)	\$ -	\$ (665.14)	\$ -	
45	DA_ASM_STR	555.66	\$ (5,673.55)	\$ (5,673.55)	\$ -	\$ (5,673.55)	\$ -	
46	DA_ASM_SUPP	555.45	\$ (8,248.57)	\$ (8,248.57)	\$ -	\$ (8,248.57)	\$ -	
47	RT_ASM_REG	555.46	\$ (2,799.07)	\$ (2,799.07)	\$ -	\$ (2,799.07)	\$ -	
48	RT_ASM_SPIN	555.47	\$ (2,196.80)	\$ (2,196.80)	\$ -	\$ (2,196.80)	\$ -	
49	RT_ASM_STR	555.67	\$ (585.05)	\$ (585.05)	\$ -	\$ (585.05)	\$ -	
50	RT_ASM_SUPP	555.48	\$ 3,425.05	\$ 3,425.05	\$ -	\$ 3,425.05	\$ -	
51	RT_ASM_NRGA	555.49	\$ (766.59)	\$ (766.59)	\$ -	\$ (766.59)	\$ -	
52	RT_ASM_EXE_DFE_DEP	555.50	\$ 645.98	\$ 645.98	\$ -	\$ 645.98	\$ -	
53	RT_ASM_CRDFC	555.51	\$ -	\$ -	\$ -	\$ -	\$ -	
54	RT_ASM_REG_DIST	555.52	\$ 23,463.63	\$ 23,463.63	\$ -	\$ 23,463.63	\$ -	
55	RT_ASM_SPIN_DIST	555.53	\$ 18,220.33	\$ 18,220.33	\$ -	\$ 18,220.33	\$ -	
56	RT_ASM_STR_DIST	555.68	\$ 12,371.05	\$ 12,371.05	\$ -	\$ 12,371.05	\$ -	
57	RT_ASM_SUPP_DIST	555.54	\$ 2,754.69	\$ 2,754.69	\$ -	\$ 2,754.69	\$ -	
58	RT_ASM_STRDFC	555.69	\$ -	\$ -	\$ -	\$ -	\$ -	
59	RT ASM Non-Excessive Energy Amount	555.55	\$ 885,008.80	\$ 984,681.48	\$ -	\$ 984,681.48	\$ (99,672.68)	
60	RT ASM Excessive Energy Amount	555.56	\$ 2,012.95	\$ 2,012.95	\$ -	\$ 2,012.95	\$ -	
61	RT_ASM_MISC	555.25	\$ -	\$ -	\$ -	\$ -	\$ -	
62	RT Demand Response Allocation Uplift Amount	555.59	\$ 2,339.61	\$ 2,339.61	\$ -	\$ 2,339.61	\$ -	
63	RT Schedule 49 Cost Distribution Amount	555.65	\$ 18,905.75	\$ 18,905.75	\$ -	\$ 18,905.75	\$ -	
64	ENERGY CHARGES TOTAL		\$ (1,464,689.82)	\$ (1,330,589.08)	\$ -	\$ (1,330,589.08)	\$ (134,100.74)	
65	TOTAL MISO DAY 2 CHARGES		\$ 11,203,951.33	\$ 11,525,168.12	\$ -	\$ 11,525,168.12	\$ (321,216.79)	
66	Less: MISO RSG Bad Debt		\$ -	\$ -		\$ -	\$ -	
67	TOTAL FOR ND COST OF ENERGY ADJUSTMENT		\$ 11,203,951.33	\$ 11,525,168.12		\$ 11,525,168.12	\$ (321,216.79)	

Otter Tail Power Company										
Detail of MISO Day 2 Charges by Charge Group for Current Month - System										
January 2023 includes any adjustments										
Charge Type Description	(A) Acct	(B) Retail Debits	(C) Retail Credits	(D) Retail Adjustments	(E) Net Retail	(F) Net Intersystem	(G) Total	(H)** Charge types with MWH for Retail		
52	RT_ASM_SUPP	555.48	\$ 3,477.54	\$ (52.49)	\$ -	\$ 3,425.05	\$ -	\$ 3,425.05	-	-
53	RT_ASM_NRGA	555.49	\$ 381.59	\$ (1,148.18)	\$ -	\$ (766.59)	\$ -	\$ (766.59)	-	-
54	RT_ASM_EXE_DFE_DEP	555.50	\$ 644.61	\$ (0.02)	\$ 1.39	\$ 645.98	\$ -	\$ 645.98	-	-
55	RT_ASM_CRDFC	555.51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
56	RT_ASM_REG_DIST	555.52	\$ 23,517.98	\$ (225.26)	\$ 170.91	\$ 23,463.63	\$ -	\$ 23,463.63	-	-
57	RT_ASM_SPIN_DIST	555.53	\$ 18,071.02	\$ (14.16)	\$ 163.47	\$ 18,220.33	\$ -	\$ 18,220.33	-	-
58	RT_ASM_STR_DIST	555.68	\$ 13,050.03	\$ (109.26)	\$ (569.72)	\$ 12,371.05	\$ -	\$ 12,371.05	-	-
59	RT_ASM_SUPP_DIST	555.54	\$ 2,726.47	\$ (6.47)	\$ 34.69	\$ 2,754.69	\$ -	\$ 2,754.69	-	-
60	RT_ASM_STRDFC	555.69	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
61	RT ASM Non-Excessive Energy Amount	555.55	\$ 1,304,858.76	\$ (304,801.07)	\$ (15,376.21)	\$ 984,681.48	\$ (99,672.68)	\$ 885,008.80	41,102	(13,429)
62	RT ASM Excessive Energy Amount	555.56	\$ 1,972.08	\$ (11.13)	\$ 52.00	\$ 2,012.95	\$ -	\$ 2,012.95	-	(44)
63	RT_ASM_MISC	555.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-
64	TOTAL		\$ 1,373,634.06	\$ (340,220.34)	\$ (15,523.47)	\$ 1,017,890.25	\$ (99,672.68)	\$ 918,217.57	41,102	(32,788)
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		\$ 29,866,870.93	\$ (18,388,920.03)	\$ 28,311.47	\$ 11,506,262.37	\$ (321,216.79)	\$ 11,185,045.58	582,839	(253,458)
73	Less: MISO RSG Bad Debt				\$ -	\$ -				
74	TOTAL FOR ND COST OF ENERGY ADJUSTMENT		\$ 29,866,870.93	\$ (18,388,920.03)	\$ 28,311.47	\$ 11,506,262.37				
75	Net MISO Charges for Retail = (B) + (C) + (D)			\$ 11,506,262.37						
76	Net KWH for retail = ((G) + (H)) * 1,000			329,380,558					329,380,558	
77	January covers time period of 12/27/2022 -- 1/22/2023 ** increased for losses of 2.8%									
78	MISO Book Totals		\$ 11,477,950.90	329,380,558						
79	MISO RSG Bad Debt		\$ -							
80	January Adjustments		\$ 47,217.22	3,368,323						
81	Total MISO		\$ 11,525,168.12	332,748,881						

Otter Tail Power Company							
Detail of Southwest Power Pool (SPP) Charges by Charge Group for Current Month - System							
January 2023 includes any adjustments							
(Revenue) Expense							
No.	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
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	\$ 562.28	\$ -	\$ 94.82	\$ 657.10	26
4	RT Non-Asset Energy Amount	555.00	\$ -	\$ -	\$ -	\$ -	-
5	TOTAL		\$ 562.28	\$ -	\$ 94.82	\$ 657.10	26
RSG & Make Whole Payments							
6	DA Make-Whole-Payment Distribution Amount	555.02	\$ -	\$ -	\$ -	\$ -	-
7	RT Make-Whole-Payment Distribution Amount	555.10	\$ 2.07	\$ -	\$ (5.77)	\$ (3.70)	-
8	RT Revenue Sufficiency Guarantee Distribution Amount	555.18	\$ -	\$ -	\$ -	\$ -	-
9	TOTAL		\$ 2.07	\$ -	\$ (5.77)	\$ (3.70)	-
Revenue Neutrality Uplift							
10	RT Revenue Neutrality Uplift Distribution Amount	555.15	\$ 21.16	\$ -	\$ 0.08	\$ 21.24	-
11	TOTAL		\$ 21.16	\$ -	\$ 0.08	\$ 21.24	-
Other Charges							
12	DA Regulation-Down Distribution Amount	555.04	\$ 1.79	\$ -	\$ 0.11	\$ 1.90	-
13	DA Regulation-Up Distribution Amount	555.05	\$ 5.32	\$ -	\$ 0.44	\$ 5.76	-
14	DA Spinning Reserve Distribution Amount	555.06	\$ 4.51	\$ -	\$ 0.40	\$ 4.91	-
15	DA Supplemental Reserve Distribution Amount	555.07	\$ 0.46	\$ -	\$ 0.09	\$ 0.55	-
16	RT Contingency Reserve Deployment Failure Amount	555.08	\$ -	\$ -	\$ -	\$ -	-
17	RT Over-Collected Losses Distribution Amount	555.11	\$ 114.66	\$ (14,256.77)	\$ (1,146.10)	\$ (15,288.21)	-
18	RT Regulation-Down Distribution Amount	555.12	\$ -	\$ (0.51)	\$ 0.09	\$ (0.42)	-
19	RT Regulation Non-Performance Distribution Amount	555.13	\$ -	\$ (0.04)	\$ (0.01)	\$ (0.05)	-
20	RT Regulation-Up Distribution Amount	555.14	\$ 0.03	\$ -	\$ (0.07)	\$ (0.04)	-
21	RT Spinning Reserve Distribution Amount	555.16	\$ -	\$ (0.02)	\$ -	\$ (0.02)	-
22	RT Supplemental Reserve Distribution Amount	555.17	\$ -	\$ -	\$ -	\$ -	-
23	RT Pseudo Tie Congestion Amount	555.20	\$ 134,871.32	\$ (91,020.55)	\$ -	\$ 43,850.77	-
24	RT Pseudo Tie Loss Amount	555.21	\$ 20,125.09	\$ (3,704.47)	\$ -	\$ 16,420.62	-
25	Miscellaneous Amount	555.23	\$ -	\$ -	\$ (10.84)	\$ (10.84)	-
26	ARR Closeout Yearly Amount	555.26	\$ -	\$ -	\$ -	\$ -	-
27	RT Demand Reduction Distribution Amount	555.28	\$ -	\$ -	\$ -	\$ -	-
28	RT Schedule 1A3 Amount	555.29	\$ 0.75	\$ -	\$ 0.05	\$ 0.80	-
29	RT Schedule 1A4 Amount	555.30	\$ 3.25	\$ -	\$ 0.26	\$ 3.51	-
30	DA Ramp Up Distribution Amount	555.31	\$ -	\$ -	\$ 0.26	\$ 0.26	-
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		\$ 155,127.18	\$ (108,982.36)	\$ (1,155.32)	\$ 44,989.50	-
Grandfathered Charge Types							
36	DA GFA Carve Out Distribution Deployment Daily Amount	555.01	\$ -	\$ (1.46)	\$ 0.05	\$ (1.41)	-
37	DA GFA Carve Out Distribution Deployment Monthly Amount	555.22	\$ -	\$ -	\$ (0.01)	\$ (0.01)	-
38	DA GFA Carve Out Distribution Deployment Yearly Amount	555.27	\$ -	\$ -	\$ -	\$ -	-
39	TOTAL		\$ -	\$ (1.46)	\$ 0.04	\$ (1.42)	-
40	TOTAL SPP CHARGES		\$ 155,712.69	\$ (108,983.82)	\$ (1,066.15)	\$ 45,662.72	26
41	Net SPP Charges for Retail = (B) + (C) + (D)			\$ 45,662.72			
42	Net KWH for retail = ((F) + (G)) * 1,000						25,926
43	January 2023 covers time period of 12/27/2022 -- 1/22/2023					** (F) and (G) increased for losses of 2.8%	
				Net SPP KWH			
				(adjusted			
				cumulatively)			
44	SPP Book Totals		\$ 46,728.87	25,926			
45	Adjustments		\$ (1,066.15)	-			
46	Total SPP		\$ 45,662.72	25,926			

