

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



September 23, 2022

Ms. Patricia Van Gerpen
Executive Director
South Dakota Public Utilities Commission
Capitol Building, 1st floor
500 East Capitol Avenue
Pierre, SD 57501-5070

Dear Ms. Van Gerpen:

Enclosed is the detail for determination of the Energy Adjustment Rider rates by Service Category based on the three months ending August 2022. The new adjustment factor is applicable on bills rendered on and after October 3, 2022 (Billing Cycle 1).

The calculation was made in compliance with the Energy Adjustment Rider, Electric Rate Schedule – Section 13.01, as approved by the South Dakota Public Utilities Commission in the Order Approving Interim Refund Plan; Order Approving Tariff Revisions dated July 9, 2019, in Docket No. EL18-021.

Per Commission approval in Docket No. EL18-021, the following changes to the Energy Adjustment Rider are applicable on bills rendered on and after August 1, 2019:

- 1) 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.
- 2) The recovery of Coyote Station pebble lime reagent is no longer in base rates, but are recovered in the Energy Adjustment Rider.
- 3) Otter Tail Power Company has removed the Non-Asset Based line from the energy adjustment rider calculation to reflect the discontinuation of Non-Asset Based transactions.

Otter Tail Power Company (Otter Tail) submits the following attachments:

- 1) Calculation of the October 2022 Energy Adjustment Rider based on the three-month period ending August 2022.

Ms. Patricia Van Gerpen
September 23, 2022
Page 2

- 2) South Dakota Over/Under Recovery (2 pages).
- 3) Detail of MISO Day 2 Charges by Charge Type for SD Energy Adjustment Rider marked as Attachment A.
- 4) Detail of MISO Day 2 Charges by Retail, Asset Based Wholesale, and Non-Asset Based Wholesale for Current Month and Year to Date marked as Attachment B.
- 5) Otter Tail's Plant Conditions for August 2022 marked as Attachment C.
- 6) Otter Tail's Wind Curtailment Report for FPL Energy North Dakota II, LLC, Langdon Wind, LLC and Ashtabula Wind III, LLC marked as Attachment D. Please note this document contains Trade Secret Data.
- 7) Detail of Southwest Power Pool (SPP) Charges by Charge Group for Current Month and Year to Date marked as Attachment E. The SPP charges are reported in the Purchased Power lines of the Energy Adjustment Rider calculation.

Otter Tail requests confidential treatment of columns (C), (D), (E), (F), and (G) of the Attachment D pursuant to ARSD Part 20:10:01:41 due to the competitive nature of the data in those columns. Otter Tail is requesting confidential treatment for a period of at least 12 months and will request an extension in the future if necessary. Contact Stuart Tommerdahl, Manager of Regulatory Administration at: (218) 739-8279, 215 South Cascade Street, Fergus Falls, MN 56537 with any questions of concerns regarding the confidentiality request.

Revenue from Energy Adjustment Rider for August 2022:

Total Sales in South Dakota	40,808,757 kWh
Sales Subject to Energy Adjustment Rider	37,680,475 kWh
Average Rate During Period	\$.02234
Revenue in Period	\$841,675.86

Sincerely,

/s/ *DEREK HAUGEN*

Derek Haugen
Energy Recovery Analyst
Regulatory Administration

Enclosures
By electronic filing

20:10:01:41. Requests for confidential treatment of information. A request for confidential treatment of information shall be made by submitting the material to the commission along with the following information:

(1) An identification of the document and the general subject matter of the materials or the portions of the document for which confidentiality is being requested;

(2) The length of time for which confidentiality is being requested and a request for handling at the end of that time. This does not preclude a later request to extend the period of confidential treatment;

(3) The name, address, and phone number of a person to be contacted regarding the confidentiality request;

(4) The statutory or common law grounds and any administrative rules under which confidentiality is requested. Failure to include all possible grounds for confidential treatment does not preclude the party from raising additional grounds in the future; and

(5) The factual basis that qualifies the information for confidentiality under the authority cited.

Information shall be sent to the commission's executive director, unless another person is designated. Information submitted must clearly state in large letters on each page and on the envelope that confidential treatment is requested.

Source: 16 SDR 148, effective March 22, 1990.

SOUTH DAKOTA
OTTER TAIL POWER COMPANY
ENERGY ADJUSTMENT RIDER
FOR BILLING TO BE EFFECTIVE OCTOBER 3, 2022

EFFECTIVE 10/03/2022
CYCLE 01

Line No.		(A)	(B)	(C)	(D)	(E)
		2022	2022	2022	Total	
ENERGY COSTS		<u>June</u>	<u>July</u>	<u>August</u>	<u>This Period</u>	
1	Purchased Power	\$ 326,401	\$ 683,914	\$ (318,424)	\$ 691,891	
2	Wind Curtailment	\$ 216,985	\$ 193,319	\$ (141,333)	\$ 268,971	
3	Steam Plant Generation	\$ 5,716,113	\$ 5,776,352	\$ 5,281,463	\$ 16,773,928	
4	Other Plant Generation	\$ 2,669,754	\$ 3,066,382	\$ 3,651,601	\$ 9,387,737	
5	Hydro Plant Generation	\$ -	\$ -	\$ -	\$ -	
6	Steam Plant Reagents	\$ 211,339	\$ 261,068	\$ 300,217	\$ 772,624	
7	Coyote Lime	\$ 66,994	\$ 68,770	\$ 83,029	\$ 218,793	
8	Emission Allowance Purchase	\$ -	\$ -	\$ -	\$ -	
9	Net Retail MISO Day 2	\$ 7,913,139	\$ 4,437,395	\$ 7,103,150	\$ 19,453,684	
10	MISO ASM	\$ (71,790)	\$ (135,221)	\$ 6,432	\$ (200,578)	
11	Less: Intersystem Sales	\$ (1,227,509)	\$ (1,217,323)	\$ (2,099,622)	\$ (4,544,454)	
12	Less: Emission Allowance Sales	\$ -	\$ -	\$ -	\$ -	
13	Less: Renewable Energy Credits	\$ -	\$ -	\$ -	\$ -	
14	NET ENERGY COSTS	\$ 15,821,426	\$ 13,134,655	\$ 13,866,514	\$ 42,822,595	\$ 14,274,198

ASSET BASED MARGINS

15	Asset Based Margin (Docket EL10-011)	\$ 1,604	\$ (605,417)	\$ (607,372)	\$ (1,211,185)	\$ (403,728)
16	Prior (Over) Under Recovery (line 45)				\$	(842,006)
17	Adjusted Net Energy Costs (lines 14 + 15 + 16)				\$	13,028,464

ASSOCIATED ENERGY -- kWh

18	Net Generation - Steam	168,878,156	223,435,964	243,881,167	636,195,287
19	Other Plant IC Generation	23,779,445	39,431,607	40,063,053	103,274,105
20	Hydro Plant Generation	1,654,326	1,688,069	1,750,964	5,093,359
21	Wind Generation	73,682,198	68,478,068	72,284,251	214,444,517
22	Solar Generation	8,499	10,917	9,894	29,310
23	Purchased Power	24,311,578	27,470,334	27,189,126	78,971,038
24	Wind Curtailment	6,356,640	5,810,610	(4,255,090)	7,912,160
25	Total Energy	298,670,842	366,325,569	380,923,365	1,045,919,776
26	Less Intersystem Sales	(23,571,454)	(28,497,795)	(40,053,056)	(92,122,305)
27	Net Retail MISO Day 2	196,385,086	105,412,386	108,823,140	410,620,612
28	Net Energy - kWhs	471,484,474	443,240,160	449,693,449	1,364,418,083

29	Energy Adjusted to Retail Sales (Net Energy X (1.00 - .08))				1,255,264,637	418,421,546
30	System Delivered Cost per kWh					\$0.03114

31	Service Category	E8760 Alloc. Ratio	Class Energy Adjustment Factor (EAF)
31a	Residential	1.024	\$ 0.03189
31b	Farms	1.017	\$ 0.03167
31c	General Service	1.031	\$ 0.03211
31d	Large General Service	0.981	\$ 0.03055
31e	Irrigation Services	0.912	\$ 0.02840
31f	Outdoor Lighting	0.808	\$ 0.02516
31g	OPA	1.007	\$ 0.03136
31h	Controlled Service Water Heating	1.038	\$ 0.03232
31i	Controlled Service Interruptible	1.013	\$ 0.03154
31j	Controlled Service Deferred	0.946	\$ 0.02946

True up for June 2022 to July 2022

32	kWh Sales for the Period Subject to Energy Adjustment Rider		396,533,072
33	kWh Sales for the Period		425,749,754
34	Net Energy Costs Recoverable for the Period		
35	Net Energy Cost to be Recovered Excl. Prior Over/Under	\$	11,758,995
36	Portion of Subtotal Previously Collected Thru Energy Adjustment Rider Base	\$	11,594,688
37	Remaining Portion of Net Energy Costs (line 35 minus line 36)	\$	164,307
38	Percentage of Total kWh Subject to Energy Adjustment Rider (line 32 / line 33)		93.138%
39	Remaining Net Energy Costs to be Collected Thru Energy Adjustment Rider (line 37 X line 38)	\$	153,032
40	Prior (Over) / Under Recoveries	\$	(1,764,125)
41	Net Energy Costs Recoverable Thru Energy Adjustment Rider (Sum of lines 39 and 40)	\$	(1,611,093)
42	Incremental Difference Between Energy Adj. Rider Base and Energy Adj. Rider Rate Effective for August		
		<u>E.A.R. Base</u>	<u>E.A.R. Rate</u>
		\$ 0.026292	Effective for August 0.02434
43	Amount Recovered by the Energy Adjustment Rider (line 32 X line 42)	\$	(774,033)
44	(Over) / Under Recovery Before Carrying Charge (line 41 - line 43)	\$	(837,060)
45	Carrying Charge (ROR / 12 x line 44)	\$	(4,946)
46	(Over) / Under Recovery (line 44 + line 45)	\$	(842,006)

SOUTH DAKOTA ENERGY ADJUSTMENT RIDER

**SOUTH DAKOTA OVER/UNDER
EFFECTIVE OCTOBER 3, 2022**

I. SYSTEM kWh SALES

BILLINGS EFFECTIVE AUGUST 3, 2022 thru SEPTEMBER 1, 2022

	kWh SALES SUBJECT TO E.A.R.	TOTAL kWh SALES
(1) kWh SALES - AUGUST 2022	396,533,072	425,749,754

SOURCE: LINE (1)--FROM CURRENT YTD RETAIL REVENUE BY STATE WITH COE (SYSTEM)

II. PORTION OF NET ENERGY COSTS COLLECTED THRU ENERGY ADJUSTMENT RIDER BASE

PERIOD: APRIL 2022 THRU JUNE 2022

	MONTH APRIL	MONTH MAY	MONTH JUNE	TOTAL FOR PERIOD	AVERAGE FOR PERIOD
(1) kWh SALES	463,245,937	451,565,243	408,179,201		
(2) ENERGY ADJ. RIDER BASE	\$0.026292	\$0.026292	\$0.026292		
(3) AMT. COLLECTED FROM F.A. BASE (LINE 1 X 2)	\$12,179,662	\$11,872,553	\$10,731,848	\$34,784,063	\$11,594,688

SOURCE: LINE (1)--FROM CURRENT YTD RETAIL REVENUE BY STATE WITH COE (SYSTEM)

(EXCLUDES - CO. USE, INTERSYSTEM SALES).

LINE (2)--BASE AMOUNT THAT WAS APPLIED TO SALES ON LINE 1.

LINE (3)--THREE MONTHS' TOTALS EXTENDED TO TOTAL FOR PERIOD...
DIVIDED FOR AVERAGE FOR PERIOD.

SD OVER/(UNDER) RECOVERY WORKSHEET

EFFECTIVE OCTOBER 3, 2022

BILLINGS EFFECTIVE AUGUST 3, 2022 thru SEPTEMBER 1, 2022

(1) kWh SALES FOR THE PERIOD SUBJECT TO ENERGY ADJUSTMENT RIDER		<u>396,533,072</u>															
(2) TOTAL kWh SALES FOR THE PERIOD		<u>425,749,754</u>															
(3) NET ENERGY COSTS RECOVERABLE FOR THE PERIOD THRU ENERGY ADJUSTMENT RIDER																	
(4) NET ENERGY COST TO BE RECOVERED EXCL. PRIOR OVER/(UNDER) RECOVERIES	<u>\$11,758,995</u>																
(5) PORTION OF SUBTOTAL PREVIOUSLY COLLECTED THRU ENERGY ADJ. RIDER BASE	<u>\$11,594,688</u>																
(6) REMAINING PORTION OF NET ENERGY COSTS (LINE 4 - 5)		<u>\$164,307</u>															
(7) PERCENTAGE OF TOTAL kWh SUBJECT TO ENERGY ADJUSTMENT RIDER (LINE 1 / LINE 2)	<u>0.93138</u>																
(8) REMAINING NET ENERGY COSTS TO BE COLLECTED THRU ENERGY ADJUSTMENT RIDER (LINE 6 X LINE 7)		<u>\$153,032</u>															
(9) PRIOR (OVER) / UNDER RECOVERIES		<u>(\$1,764,125)</u>															
(10) NET ENERGY COSTS RECOVERABLE THRU ENERGY ADJUSTMENT RIDER (LINE 8 - LINE 9)		<u>(\$1,611,093)</u>															
(11) INCREMENTAL DIFFERENCE BETWEEN ENERGY ADJ. RIDER BASE AND ENERGY ADJ. RIDER RATE EFFECTIVE FOR AUGUST																	
	<table border="0"> <tr> <td></td> <td align="center"><u>E.A.R. Base</u></td> <td></td> <td align="center"><u>E.A.R. Rate</u></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td align="center"><u>Effective for</u></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td align="center"><u>August</u></td> <td></td> </tr> </table>		<u>E.A.R. Base</u>		<u>E.A.R. Rate</u>					<u>Effective for</u>					<u>August</u>		
	<u>E.A.R. Base</u>		<u>E.A.R. Rate</u>														
			<u>Effective for</u>														
			<u>August</u>														
	\$ 0.026292	\$ 0.024340	<u>(\$0.00195)</u>														
(12) AMOUNT RECOVERED BY THE ENERGY ADJUSTMENT RIDER (LINE 1 X LINE 11)		<u>(\$774,033)</u>															
(13) (OVER) / UNDER RECOVERY BEFORE CARRYING CHARGE (LINE 12 - LINE 10)		<u>(\$837,060)</u>															
(14) CARRYING CHARGE (ROR / 12 X LINE 13)		<u>(4,946)</u>															
(15) (OVER) / UNDER RECOVERY (LINE 13 + LINE 14)		<u>(\$842,006)</u>															

SOURCE: LINES 1 & 2 FROM MANUAL WORKSHEET FOR SYSTEM kWh SALES.
 LINE 4 FROM TWO MONTHS' PREVIOUS F.A.C. CALCULATION FOR SO. DAK. (NET ENERGY COST BEFORE ADJ.)
 LINE 5 FROM MANUAL WORKSHEET FOR ENERGY COSTS COLLECTED THRU ENERGY ADJUSTMENT RIDER BASE.
 LINE 9 FROM LINE 15 OF THE WORKSHEET CALCULATED TWO MONTHS PREVIOUS.
 LINE 11 ENERGY ADJUSTMENT RIDER RECOVERY RATE FOR SOUTH DAKOTA FROM TWO MONTHS' PREVIOUS CALCULATION.
 LINE 14 CARRYING CHARGE (DEBIT OR CREDIT).
 R.O.R. (OVERALL RATE OF RETURN) = 7.09
 RATE GRANTED BY COMMISSION IN MOST RECENT RATE CASE.

Otter Tail Power Company
Detail of MISO Day 2 Charges by Charge Type for Current Month - System
August 2022 includes any adjustments

No.	Charge Type Description	(A) Charge Type	(B) Retail Debits	(C) Retail Credits	(D) Retail Adjustments	(E) Net Retail	(F) Net Intersystem	(G) Total	(H)** Charge types with MWH for Retail	
1	DA Mkt Admin Amount	555.01	\$ 66,350.85	\$ -	\$ -	\$ 66,350.85	\$ 1,299.04	\$ 67,649.89	-	
2	DA Asset Energy Amount	555.02	\$ 27,051,336.69	\$ (20,777,348.52)	\$ -	\$ 6,273,988.17	\$ (1,163,497.87)	\$ 5,110,490.30	466,629 (394,033)	
3	DA FBT Congestion Amount	555.03	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
4	DA FBT Loss Amount	555.04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
5	DA Congestion Rebate on COGA	555.05	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
6	DA Losses Rebate on COGA	555.06	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
7	DA Congestion Rebate on Option B GFA	555.07	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
8	DA Losses Rebate on Option B GFA	555.08	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
9	DA Non-asset Energy Amount	555.09	\$ -	\$ (359,065.73)	\$ -	\$ (359,065.73)	\$ -	\$ (359,065.73)	- (4,525)	
10	DA Ramp Product Amount	555.63	\$ -	\$ (1,809.26)	\$ -	\$ (1,809.26)	\$ -	\$ (1,809.26)	-	
11	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	\$ 21,364.60	\$ -	\$ (0.13)	\$ 21,364.47	\$ 2,117.23	\$ 23,481.70	-	
12	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	\$ -	\$ (42,936.03)	\$ -	\$ (42,936.03)	\$ (48,458.71)	\$ (91,394.74)	-	
13	DA Virtual Energy Amount	555.12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
14	FTR Mkt Admin Amount	555.13	\$ 2,648.56	\$ -	\$ -	\$ 2,648.56	\$ -	\$ 2,648.56	-	
15	FTR Hourly Allocation Amount	555.14	\$ 916,384.94	\$ (1,661,419.44)	\$ -	\$ (745,034.50)	\$ -	\$ (745,034.50)	-	
16	FTR Monthly Allocation Amount	555.15	\$ -	\$ (2,762.74)	\$ -	\$ -	\$ -	\$ (2,762.74)	-	
17	FTR Monthly Transaction Amount	555.35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
18	FTR Yearly Allocation Amount	555.17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
19	RT Mkt Admin Amount	555.18	\$ 8,262.55	\$ -	\$ (81.74)	\$ 8,180.81	\$ 2,401.31	\$ 10,582.12	-	
20	RT Asset Energy Amount	555.19	\$ 848,542.99	\$ (401,196.89)	\$ 231,105.74	\$ 678,451.84	\$ -	\$ 678,451.84	11,181 (9,519)	
21	RT FBT Congestion Amount	555.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
22	RT FBT Loss Amount	555.21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
23	RT Congestion Rebate on COGA	555.22	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
24	RT Loss Rebate on COGA	555.23	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
25	RT Distribution of Losses Amount	555.24	\$ 3,458.24	\$ (598,744.49)	\$ 201.35	\$ (595,084.90)	\$ -	\$ (595,084.90)	-	
26	RT Misc Amount	555.25	\$ -	\$ -	\$ 1,022.13	\$ 1,022.13	\$ -	\$ 1,022.13	-	
27	RT Non-Asset Energy Amount	555.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
28	RT Net Inadvertent Amount	555.27	\$ 21,357.53	\$ (9,291.37)	\$ 454.59	\$ 12,520.75	\$ -	\$ 12,520.75	-	
29	RT Ramp Product Amount	555.64	\$ 730.65	\$ (2,993.46)	\$ -	\$ (2,262.81)	\$ -	\$ (2,262.81)	-	
30	RT Revenue Neutrality Uplift Amount	555.28	\$ 32,179.37	\$ (25,324.57)	\$ (7,964.91)	\$ (1,110.11)	\$ (109.82)	\$ (1,219.93)	-	
31	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29	\$ 66,402.47	\$ -	\$ (1,547.94)	\$ 64,854.53	\$ 6,427.47	\$ 71,282.00	-	
32	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	\$ -	\$ -	\$ -	\$ -	\$ (228,901.81)	\$ (228,901.81)	-	
33	RT Uninstructed Deviation Amount	555.31	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
34	RT Virtual Energy Amount	555.32	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
35	FTR Full Funding Guarantee Amount	555.36	\$ 2,762.74	\$ (5,586.98)	\$ -	\$ (2,824.24)	\$ -	\$ (2,824.24)	-	
36	FTR Guarantee Uplift Amount	555.37	\$ 5,586.98	\$ (2,762.74)	\$ -	\$ 2,824.24	\$ -	\$ 2,824.24	-	
37	FTR Auction Revenue Rights Transaction Amount	555.39	\$ 637,288.56	\$ (7,200,972.32)	\$ -	\$ (6,563,683.76)	\$ -	\$ (6,563,683.76)	-	
38	FTR Annual Transaction Amount	555.38	\$ 7,198,060.56	\$ (637,421.91)	\$ -	\$ 6,560,638.65	\$ -	\$ 6,560,638.65	-	
39	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	\$ 9,195.02	\$ -	\$ -	\$ 9,195.02	\$ -	\$ 9,195.02	-	
40	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	\$ -	\$ (125,259.76)	\$ -	\$ (125,259.76)	\$ -	\$ (125,259.76)	-	
41	RT Price Volatility Make Whole Payment	555.42	\$ -	\$ (83,177.96)	\$ -	\$ (83,177.96)	\$ (8,243.80)	\$ (91,421.76)	-	
42	RT ASM Non-Excessive Energy Amount	555.55	\$ 2,298,999.37	\$ (401,027.58)	\$ (419.64)	\$ 1,897,552.15	\$ (1,270,562.14)	\$ 626,990.01	51,814 (16,582)	
43	RT ASM Excessive Energy Amount	555.56	\$ -	\$ (146.72)	\$ -	\$ (146.72)	\$ (4.28)	\$ (151.00)	160 (5)	
44	RT Demand Response Allocation Uplift Amount	555.59	\$ 1,448.11	\$ (76.61)	\$ 7,430.88	\$ 8,802.38	\$ -	\$ 8,802.38	-	
45	RT Schedule 49 Cost Distribution Amount	555.65	\$ -	\$ -	\$ 19,913.67	\$ 19,913.67	\$ -	\$ 19,913.67	-	
46	TOTAL FOR BOOK		\$ 39,192,360.78	\$ (32,339,325.08)	\$ 250,114.00	\$ 7,103,149.70	\$ (2,707,533.38)	\$ 4,395,616.32	529,784 (424,665)	
47	Less: MISO RSG Bad Debt				\$ -	\$ -	\$ -	\$ -		
48	Net MISO Charges for Retail = (B) + (C) + (D)		\$ 7,103,149.70							
49	Net KWH for retail = ((G) + (H)) * 1,000		105,118,846						105,118,846	
50	Cost per KWH		\$0.07							
51	* covers time period of ** increased for losses of 2.8%									
52	MISO Book Totals		\$ 6,853,035.70	\$ 105,118,846		\$ 0.06519	\$ (2,709,501.56)	\$ 4,143,534.14		
53	MISO RSG Bad Debt		\$ -			\$ -	\$ -	\$ -		
54	August Adjustments		\$ 250,114.00	\$ 3,704,294		\$ 0.06752	\$ 1,968.18	\$ 252,082.18		
55	Total MISO		\$ 7,103,149.70	\$ 108,823,140		\$ 0.065272	\$ (2,707,533.38)	\$ 4,395,616.32		

Otter Tail Power Company														
Detail of MISO Day 2 Charges - System														
August 2022 includes any adjustments														
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	
Charge Type Description	Acct	RETAIL			ASSET BASED WHOLESALE				NON ASSET BASED WHOLESALE					
		MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	
Day Ahead & Real Time Energy														
1	DA Asset Energy Amount	555.02	(466,629) \$	(27,051,336.69)	383,301 \$	20,777,348.52	0 \$	-	16,653 \$	1,163,497.87	0 \$	-	0 \$	-
2	DA Non-asset Energy Amount	555.09	0 \$	-	4,402 \$	359,065.73	0 \$	-	0 \$	-	0 \$	-	0 \$	-
3	RT Asset Energy Amount	555.19	(21,128) \$	(1,359,331.11)	15,098 \$	680,879.27	0 \$	-	0 \$	-	0 \$	-	0 \$	-
4	RT Non-Asset Energy Amount	555.26	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
5	SUBTOTAL		(487,756) \$	(28,410,667.80)	402,800 \$	21,817,293.52	0 \$	-	16,653 \$	1,163,497.87	0 \$	-	0 \$	-
Day Ahead & Real Time Energy Loss														
6	DA FBT Loss Amount	555.04	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
7	RT Distribution of Losses Amount	555.24	0 \$	(26,706.94)	0 \$	621,791.84	0 \$	-	0 \$	-	0 \$	-	0 \$	-
8	RT FBT Loss Amount	555.21	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
9	SUBTOTAL		0 \$	(26,706.94)	0 \$	621,791.84	0 \$	-	0 \$	-	0 \$	-	0 \$	-
Virtual Energy														
10	DA Virtual Energy Amount	555.12	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
11	RT Virtual Energy Amount	555.32	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
12	SUBTOTAL		0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
Schedules 16 & 17														
13	DA Mkt Admin Amount	555.01	0 \$	(66,350.85)	0 \$	-	0 \$	(1,299.04)	0 \$	-	0 \$	-	0 \$	-
14	RT Mkt Admin Amount	555.18	0 \$	(8,538.45)	0 \$	357.64	0 \$	(2,417.46)	0 \$	16.15	0 \$	-	0 \$	-
15	FTR Mkt Admin Amount	555.13	0 \$	(2,648.56)	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
16	SUBTOTAL		0 \$	(77,537.86)	0 \$	357.64	0 \$	(3,716.50)	0 \$	16.15	0 \$	-	0 \$	-
Congestion & FTRs														
17	DA FBT Congestion Amount	555.03	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
18	RT FBT Congestion Amount	555.20	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
19	FTR Hourly Allocation Amount	555.14	0 \$	(916,384.94)	0 \$	1,661,419.44	0 \$	-	0 \$	-	0 \$	-	0 \$	-
20	FTR Monthly Allocation Amount	555.15	0 \$	-	0 \$	2,762.74	0 \$	-	0 \$	-	0 \$	-	0 \$	-
21	FTR Yearly Allocation Amount	555.17	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
22	FTR Monthly Transaction Amount	555.35	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
23	FTR Full Funding Guarantee Amount	555.36	0 \$	(2,762.74)	0 \$	5,586.98	0 \$	-	0 \$	-	0 \$	-	0 \$	-
24	FTR Guarantee Uplift Amount	555.37	0 \$	(5,586.98)	0 \$	2,762.74	0 \$	-	0 \$	-	0 \$	-	0 \$	-
25	FTR Auction Revenue Rights Transaction Amount	555.39	0 \$	(637,288.56)	0 \$	7,200,972.32	0 \$	-	0 \$	-	0 \$	-	0 \$	-
26	FTR Annual Transaction Amount	555.38	0 \$	(7,198,060.56)	0 \$	637,421.91	0 \$	-	0 \$	-	0 \$	-	0 \$	-
27	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	0 \$	(9,195.02)	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
28	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	0 \$	-	0 \$	125,259.76	0 \$	-	0 \$	-	0 \$	-	0 \$	-
29	SUBTOTAL		0 \$	(8,769,278.80)	0 \$	9,636,185.89	0 \$	-	0 \$	-	0 \$	-	0 \$	-
RSG & Make Whole Payments														
30	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	0 \$	(21,364.60)	0 \$	0.13	0 \$	(2,117.24)	0 \$	0.01	0 \$	-	0 \$	-
31	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	0 \$	-	0 \$	42,936.03	0 \$	-	0 \$	48,458.71	0 \$	-	0 \$	-
32	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29	0 \$	(67,583.75)	0 \$	2,729.22	0 \$	(6,697.80)	0 \$	270.33	0 \$	-	0 \$	-
33	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	0 \$	-	0 \$	-	0 \$	-	0 \$	228,901.81	0 \$	-	0 \$	-
34	RT Price Volatility Make Whole Payment	555.42	0 \$	-	0 \$	83,177.96	0 \$	-	0 \$	8,243.80	0 \$	-	0 \$	-
35	SUBTOTAL		0 \$	(88,948.35)	0 \$	128,843.34	0 \$	(8,815.04)	0 \$	285,874.66	0 \$	-	0 \$	-
RNU & Misc Charges														
36	RT Misc Amount	555.25	0 \$	(1,634.34)	0 \$	612.21	0 \$	-	0 \$	-	0 \$	-	0 \$	-
37	RT Net Inadvertent Amount	555.27	0 \$	(30,518.95)	0 \$	17,998.20	0 \$	-	0 \$	-	0 \$	-	0 \$	-
38	RT Revenue Neutrality Uplift Amount	555.28	0 \$	(42,384.37)	0 \$	43,494.48	0 \$	(4,200.49)	0 \$	4,310.31	0 \$	-	0 \$	-
39	RT Uninstructed Deviation Amount	555.31	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
40	RT Demand Response Allocation Uplift Amount	555.59	0 \$	(10,189.68)	0 \$	1,387.30	0 \$	-	0 \$	-	0 \$	-	0 \$	-
41	DA Ramp Product	555.63	0 \$	-	0 \$	1,809.26	0 \$	-	0 \$	-	0 \$	-	0 \$	-
42	RT Ramp Product	555.64	0 \$	(730.65)	0 \$	2,993.46	0 \$	-	0 \$	-	0 \$	-	0 \$	-
43	RT Schedule 49 Cost Distribution Amount	555.65	0 \$	(19,913.67)	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
44	SUBTOTAL		0 \$	(105,371.66)	0 \$	68,294.91	0 \$	(4,200.49)	0 \$	4,310.31	0 \$	-	0 \$	-
ASM Charges														
45	RT ASM Non-Excessive Energy Amount	555.55	(51,815) \$	(2,299,019.79)	16,573 \$	401,467.64	(1,924) \$	(95,775.93)	25,324 \$	1,366,338.07	0 \$	-	0 \$	-
46	RT ASM Excessive Energy Amount	555.56	(197) \$	-	5 \$	146.72	0 \$	-	0 \$	4.28	0 \$	-	0 \$	-
47	SUBTOTAL		(52,012) \$	(2,299,019.79)	16,578 \$	401,614.36	(1,924) \$	(95,775.93)	25,324 \$	1,366,342.35	0 \$	-	0 \$	-

Otter Tail Power Company Detail of MISO Day 2 Charges - System August 2022 includes any adjustments																
Charge Type Description	(A) Acct	(B) RETAIL				(F) ASSET BASED WHOLESALE				(J) NON ASSET BASED WHOLESALE						
		(C) MWh	(C) Cost	(D) MWh	(E) Revenue	(G) MWh	(G) Cost	(H) MWh	(I) Revenue	(K) MWh	(L) Cost	(L) MWh	(M) Revenue			
Grandfathered Charge Types																
48	DA Congestion Rebate on COGA	555.05	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
49	DA Losses Rebate on COGA	555.06	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
50	DA Congestion Rebate on Option B GFA	555.07	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
51	DA Losses Rebate on Option B GFA	555.08	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
52	RT Congestion Rebate on COGA	555.22	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
53	RT Loss Rebate on COGA	555.23	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
54	SUBTOTAL		0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
55	TOTAL MISO DAY 2 CHARGES		(539,768) \$	(39,777,531.20)	419,378	\$ 32,674,381.50			(1,924) \$	(112,507.96)	41,977	\$ 2,820,041.34			0 \$	-
56	Total for SD Energy Adjustment Rider			\$ (39,777,531.20)		\$ 32,674,381.50										
57	Net Retail for SD Energy Adjustment Rider				\$ (7,103,149.70)											
58	Retail MWh include losses of 2.8%															
ADDITIONAL REVENUE AND COSTS OF ASSET BASED AND NON ASSET BASED TRANSACTIONS																
59	NET MISO (Rev-Cost and MWh)											\$ 2,707,533.38			\$	-
60	Less: Fuel Cost										40,053	\$ 2,099,621.90			\$	-
61	Less: Misc Cost Adjustment											\$ -			\$	-
62	Plus: Capacity Revenue														\$	-
63	Plus: Bilateral Sales														\$	-
64	Less: Bilateral Purchases														\$	-
65	Less: Schedule 24 for Asset Based Sales											\$ 539.69			\$	-
66															\$	-
67	TOTAL ASSET or NON ASSET BASED WHOLESALE											\$ 607,371.79			\$	-

Otter Tail Power Company Detail of MISO Day 2 Charges - System Year to Date 2022 includes any adjustments														
No.	Charge Type Description	(A) Acct	(B) RETAIL				(G) ASSET BASED WHOLESALE				(K) NON ASSET BASED WHOLESALE			
			(C) MWh	(C) Cost	(D) MWh	(E) Revenue	(F) MWh	(G) Cost	(H) MWh	(I) Revenue	(J) MWh	(K) Cost	(L) MWh	(M) Revenue
Day Ahead & Real Time Energy														
1	DA Asset Energy Amount	555.02	(3,762,987)	\$ (176,396,136.74)	2,361,996	\$ 84,756,157.50	0	\$ -	42,015	\$ 2,804,262.66	0	\$ -	0	\$ -
2	DA Non-asset Energy Amount	555.09	0	\$ -	33,429	\$ 1,749,895.56	0	\$ -	0	\$ -	0	\$ -	0	\$ -
3	RT Asset Energy Amount	555.19	(145,216)	\$ (6,970,305.38)	221,849	\$ 9,976,141.88	0	\$ -	0	\$ -	0	\$ -	0	\$ -
4	RT Non-Asset Energy Amount	555.26	(52)	\$ (3,074.92)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
5	SUBTOTAL		(3,908,255)	\$ (183,369,517.04)	2,617,274	\$ 96,482,194.94	0	\$ -	42,015	\$ 2,804,262.66	0	\$ -	0	\$ -
Day Ahead & Real Time Energy Loss														
6	DA FBT Loss Amount	555.04	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
7	RT Distribution of Losses Amount	555.24	0	\$ (182,411.77)	0	\$ 3,783,323.76	0	\$ -	0	\$ -	0	\$ -	0	\$ -
8	RT FBT Loss Amount	555.21	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
9	SUBTOTAL		0	\$ (182,411.77)	0	\$ 3,783,323.76	0	\$ -	0	\$ -	0	\$ -	0	\$ -
Virtual Energy														
10	DA Virtual Energy Amount	555.12	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
11	RT Virtual Energy Amount	555.32	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
12	SUBTOTAL		0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
Schedules 16 & 17														
13	DA Mkt Admin Amount	555.01	0	\$ (481,001.15)	0	\$ -	0	\$ (3,333.93)	0	\$ -	0	\$ -	0	\$ -
14	RT Mkt Admin Amount	555.18	0	\$ (70,471.81)	0	\$ 4,599.43	0	\$ (13,446.81)	0	\$ 39.28	0	\$ -	0	\$ -
15	FTR Mkt Admin Amount	555.13	0	\$ (17,415.76)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
16	SUBTOTAL		0	\$ (568,888.72)	0	\$ 4,599.43	0	\$ (16,780.74)	0	\$ 39.28	0	\$ -	0	\$ -
Congestion & FTRs														
17	DA FBT Congestion Amount	555.03	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
18	RT FBT Congestion Amount	555.20	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
19	FTR Hourly Allocation Amount	555.14	0	\$ (4,397,412.82)	0	\$ 45,656,252.18	0	\$ -	0	\$ -	0	\$ -	0	\$ -
20	FTR Monthly Allocation Amount	555.15	0	\$ -	0	\$ 1,044,418.20	0	\$ -	0	\$ -	0	\$ -	0	\$ -
21	FTR Yearly Allocation Amount	555.17	0	\$ -	0	\$ 531,221.25	0	\$ -	0	\$ -	0	\$ -	0	\$ -
22	FTR Monthly Transaction Amount	555.35	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
23	FTR Full Funding Guarantee Amount	555.36	0	\$ (1,568,265.61)	0	\$ 837,155.55	0	\$ -	0	\$ -	0	\$ -	0	\$ -
24	FTR Guarantee Uplift Amount	555.37	0	\$ (837,155.55)	0	\$ 1,611,273.75	0	\$ -	0	\$ -	0	\$ -	0	\$ -
25	FTR Auction Revenue Rights Transaction Amount	555.39	0	\$ (2,544,820.01)	0	\$ 30,046,718.81	0	\$ -	0	\$ -	0	\$ -	0	\$ -
26	FTR Annual Transaction Amount	555.38	0	\$ (30,023,088.93)	0	\$ 2,545,153.11	0	\$ -	0	\$ -	0	\$ -	0	\$ -
27	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	0	\$ (92,622.01)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
28	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	0	\$ -	0	\$ 669,744.73	0	\$ -	0	\$ -	0	\$ -	0	\$ -
29	SUBTOTAL		0	\$ (39,463,364.93)	0	\$ 82,941,937.58	0	\$ -	0	\$ -	0	\$ -	0	\$ -
RSG & Make Whole Payments														
30	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	0	\$ (145,463.55)	0	\$ 7.91	0	\$ (7,770.76)	0	\$ 0.33	0	\$ -	0	\$ -
31	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	0	\$ -	0	\$ 83,056.77	0	\$ -	0	\$ 56,365.80	0	\$ -	0	\$ -
32	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29	0	\$ (399,656.63)	0	\$ 21,829.98	0	\$ (22,854.40)	0	\$ 1,164.66	0	\$ -	0	\$ -
33	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	0	\$ -	0	\$ -	0	\$ (8.33)	0	\$ 1,404,772.48	0	\$ -	0	\$ -
34	RT Price Volatility Make Whole Payment	555.42	0	\$ (8.62)	0	\$ 476,353.91	0	\$ (0.41)	0	\$ 29,498.90	0	\$ -	0	\$ -
35	SUBTOTAL		0	\$ (545,128.80)	0	\$ 581,248.57	0	\$ (30,633.90)	0	\$ 1,491,802.17	0	\$ -	0	\$ -
RNU & Misc Charges														
36	RT Misc Amount	555.25	0	\$ (5,247.20)	0	\$ 2,684.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
37	RT Net Inadvertent Amount	555.27	0	\$ (186,654.77)	0	\$ 154,368.92	0	\$ -	0	\$ -	0	\$ -	0	\$ -
38	RT Revenue Neutrality Uplift Amount	555.28	0	\$ (1,433,464.38)	0	\$ 253,981.87	0	\$ (61,697.84)	0	\$ 14,103.70	0	\$ -	0	\$ -
39	RT Uninstructed Deviation Amount	555.31	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
40	RT Demand Response Allocation Uplift Amount	555.59	0	\$ (267,336.94)	0	\$ 7,796.05	0	\$ -	0	\$ -	0	\$ -	0	\$ -
41	DA Ramp Product	556.63	0	\$ -	0	\$ 37,660.91	0	\$ -	0	\$ -	0	\$ -	0	\$ -
42	RT Ramp Product	557.64	0	\$ (4,695.07)	0	\$ 14,956.50	0	\$ -	0	\$ -	0	\$ -	0	\$ -
43	RT Schedule 49 Cost Distribution Amount	555.65	0	\$ (117,646.01)	0	\$ 31.96	0	\$ -	0	\$ -	0	\$ -	0	\$ -
44	SUBTOTAL		0	\$ (2,015,044.37)	0	\$ 471,480.21	0	\$ (61,697.84)	0	\$ 14,103.70	0	\$ -	0	\$ -
ASM Charges														
45	RT ASM Non-Excessive Energy Amount	555.55	(341,180)	\$ (11,723,920.82)	143,321	\$ 3,913,494.00	(6,515)	\$ (433,699.75)	153,724	\$ 6,399,693.15	0	\$ -	0	\$ -
46	RT ASM Excessive Energy Amount	555.56	(392)	\$ (28,528.64)	1,163	\$ 4,255.19	0	\$ (1,446.94)	113	\$ 350.10	0	\$ -	0	\$ -
47	SUBTOTAL		(341,572)	\$ (11,752,449.46)	144,484	\$ 3,917,749.19	(6,515)	\$ (435,146.69)	153,837	\$ 6,400,043.25	0	\$ -	0	\$ -

Otter Tail Power Company Detail of MISO Day 2 Charges - System Year to Date 2022 includes any adjustments																
Charge Type Description	(A) Acct	(B) RETAIL				(G) ASSET BASED WHOLESALE				(K) NON ASSET BASED WHOLESALE						
		(C) MWh	(C) Cost	(D) MWh	(E) Revenue	(F) MWh	(G) Cost	(H) MWh	(I) Revenue	(J) MWh	(K) Cost	(L) MWh	(M) Revenue			
Grandfathered Charge Types																
48	DA Congestion Rebate on COGA	555.05	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-		
49	DA Losses Rebate on COGA	555.06	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-		
50	DA Congestion Rebate on Option B GFA	555.07	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-		
51	DA Losses Rebate on Option B GFA	555.08	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-		
52	RT Congestion Rebate on COGA	555.22	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-		
53	RT Loss Rebate on COGA	555.23	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-		
54	SUBTOTAL		0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-		
55	TOTAL MISO DAY 2 CHARGES		(4,249,827) \$	(237,896,805.09)	2,761,758	\$ 188,182,533.68			(6,515) \$	(544,259.17)	195,851	\$ 10,710,251.06	0 \$	-	0 \$	-
56	Total for SD Energy Adjustment Rider			\$ (237,896,805.09)		\$ 188,182,533.68										
57	Net Retail for SD Energy Adjustment Rider					\$ (49,714,271.41)										
58	Retail MWh include losses of 2.8%															
ADDITIONAL REVENUE AND COSTS OF ASSET BASED AND NON ASSET BASED TRANSACTIONS																
59	NET MISO (Rev-Cost and MWh) ¹											\$ 10,165,991.89		\$ -		
60	Less: Fuel Cost									189,330		\$ 8,113,773.72		\$ -		
61	Less: Misc Cost Adjustment											\$ -		\$ -		
62	Plus: Capacity Revenue											\$ -		\$ -		
63	Plus: Bilateral Sales											\$ -		\$ -		
64	Less: Bilateral Purchases											\$ -		\$ -		
65	Less: Schedule 24 for Asset Based Sales										\$ 2,543.52	\$ -		\$ -		
66												\$ -		\$ -		
67	TOTAL ASSET or NON ASSET BASED WHOLESALE											\$ 2,049,674.65		\$ -		
¹ Schedule 24 Costs and Revenues are not included in this calculation prior to October 2011																

Otter Tail Power Company
 Plant Conditions for August 2022

Plant	Net MWh	Unit Availability	Equivalent Availability	Outage			Fuel Prices	
		%	%	Days	Type	Reason	%	Actual vs Budget
Big Stone	152,998	100.0	97.6				3.52	Under
Coyote	90,883	95.1	91.3	1.51	Forced	Econimizer Tube Leak	16.84	Under

Note: Coyote Fuel price is vastly skewed due to coal purchases.

Otter Tail Power Company Detail of Southwest Power Pool (SPP) Charges by Charge Group for Current Month - System August 2022 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	\$ -	\$ -	\$ (29.68)	\$ (29.68)	-
4	RT Non-Asset Energy Amount	555.00	\$ -	\$ -	\$ -	\$ -	-
5	TOTAL		\$ -	\$ -	\$ (29.68)	\$ (29.68)	-
RSG & Make Whole Payments							
6	DA Make-Whole-Payment Distribution Amount	555.02	\$ -	\$ -	\$ -	\$ -	-
7	RT Make-Whole-Payment Distribution Amount	555.10	\$ -	\$ -	\$ (1.66)	\$ (1.66)	-
8	RT Revenue Sufficiency Guarantee Distribution Amount	555.18	\$ -	\$ -	\$ -	\$ -	-
9	TOTAL		\$ -	\$ -	\$ (1.66)	\$ (1.66)	-
Revenue Neutrality Uplift							
10	RT Revenue Neutrality Uplift Distribution Amount	555.15	\$ -	\$ -	\$ (5.38)	\$ (5.38)	-
11	TOTAL		\$ -	\$ -	\$ (5.38)	\$ (5.38)	-
Other Charges							
12	DA Regulation-Down Distribution Amount	555.04	\$ -	\$ -	\$ (0.05)	\$ (0.05)	-
13	DA Regulation-Up Distribution Amount	555.05	\$ -	\$ -	\$ (0.11)	\$ (0.11)	-
14	DA Spinning Reserve Distribution Amount	555.06	\$ -	\$ -	\$ (0.34)	\$ (0.34)	-
15	DA Supplemental Reserve Distribution Amount	555.07	\$ -	\$ -	\$ (0.02)	\$ (0.02)	-
16	RT Contingency Reserve Deployment Failure Amount	555.08	\$ -	\$ -	\$ -	\$ -	-
17	RT Over-Collected Losses Distribution Amount	555.11	\$ -	\$ (28,967.34)	\$ (641.94)	\$ (29,609.28)	-
18	RT Regulation-Down Distribution Amount	555.12	\$ -	\$ -	\$ 0.09	\$ 0.09	-
19	RT Regulation Non-Performance Distribution Amount	555.13	\$ -	\$ -	\$ 0.04	\$ 0.04	-
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	\$ 2,889.82	\$ (236,948.11)	\$ -	\$ (234,058.29)	-
24	RT Pseudo Tie Loss Amount	555.21	\$ -	\$ (95,052.28)	\$ -	\$ (95,052.28)	-
25	Miscellaneous Amount	555.23	\$ -	\$ -	\$ 358.07	\$ 358.07	-
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	\$ -	\$ -	\$ (0.14)	\$ (0.14)	-
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		\$ 2,889.82	\$ (360,967.73)	\$ (284.40)	\$ (358,362.31)	-
Grandfathered Charge Types							
36	DA GFA Carve Out Distribution Deployment Daily Amount	555.01	\$ -	\$ -	\$ (0.12)	\$ (0.12)	-
37	DA GFA Carve Out Distribution Deployment Monthly Amount	555.22	\$ -	\$ -	\$ -	\$ -	-
38	DA GFA Carve Out Distribution Deployment Yearly Amount	555.27	\$ -	\$ -	\$ -	\$ -	-
39	TOTAL		\$ -	\$ -	\$ (0.12)	\$ (0.12)	-
40	TOTAL SPP CHARGES		\$ 2,889.82	\$ (360,967.73)	\$ (321.24)	\$ (358,399.15)	-
41	Net SPP Charges for Retail = (B) + (C) + (D)			\$ (358,399.15)			-
42	Net KWH for retail = ((F) + (G)) * 1,000						-
43	August 2022 covers time period of 7/22/2022 – 8/23/2022					** (F) and (G) increased for losses of 2.8%	-
44	SPP Book Totals				Net Retail	(adjusted)	
45	Adjustments				\$ (358,077.91)	\$ -	
46	Total SPP				\$ (321.24)	\$ -	
					\$ (358,399.15)	\$ -	

Otter Tail Power Company Detail of Southwest Power Pool (SPP) Charges by Charge Group - Net Retail - System Year to Date 2022 includes any adjustments (Revenue) Expense															
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	DA Non-asset Energy Amount	555.03	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	RT Asset Energy Amount	555.09	\$ (7,518.51)	\$ 128.34	\$ (7.20)	\$ -	\$ 16,217.59	\$ 4,075.12	\$ -	\$ (29.68)	\$ -	\$ -	\$ -	\$ -	\$ 12,865.66
4	RT Non-Asset Energy Amount	555.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5	TOTAL		\$ (7,518.51)	\$ 128.34	\$ (7.20)	\$ -	\$ 16,217.59	\$ 4,075.12	\$ -	\$ (29.68)	\$ -	\$ -	\$ -	\$ -	\$ 12,865.66
RSG & Make Whole Payments															
6	DA Make-Whole-Payment Distribution Amount	555.02	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	RT Make-Whole-Payment Distribution Amount	555.10	\$ (113.96)	\$ 1.26	\$ 0.04	\$ -	\$ 907.48	\$ 230.55	\$ -	\$ (1.66)	\$ -	\$ -	\$ -	\$ -	\$ 1,023.71
8	RT Revenue Sufficiency Guarantee Distribution Amount	555.18	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9	TOTAL		\$ (113.96)	\$ 1.26	\$ 0.04	\$ -	\$ 907.48	\$ 230.55	\$ -	\$ (1.66)	\$ -	\$ -	\$ -	\$ -	\$ 1,023.71
Revenue Neutrality Uplift															
10	RT Revenue Neutrality Uplift Distribution Amount	555.15	\$ (90.36)	\$ 2.05	\$ (0.11)	\$ -	\$ 593.00	\$ 231.20	\$ -	\$ (5.38)	\$ -	\$ -	\$ -	\$ -	\$ 730.40
11	TOTAL		\$ (90.36)	\$ 2.05	\$ (0.11)	\$ -	\$ 593.00	\$ 231.20	\$ -	\$ (5.38)	\$ -	\$ -	\$ -	\$ -	\$ 730.40
Other Charges															
12	DA Regulation-Down Distribution Amount	555.04	\$ (12.15)	\$ 0.13	\$ -	\$ -	\$ 47.56	\$ 12.26	\$ -	\$ (0.05)	\$ -	\$ -	\$ -	\$ -	\$ 47.75
13	DA Regulation-Up Distribution Amount	555.05	\$ (20.50)	\$ 0.32	\$ (0.03)	\$ -	\$ 103.18	\$ 29.91	\$ -	\$ (0.11)	\$ -	\$ -	\$ -	\$ -	\$ 112.77
14	DA Spinning Reserve Distribution Amount	555.06	\$ (36.11)	\$ 0.36	\$ (0.02)	\$ -	\$ 166.71	\$ 50.92	\$ -	\$ (0.34)	\$ -	\$ -	\$ -	\$ -	\$ 181.52
15	DA Supplemental Reserve Distribution Amount	555.07	\$ (2.53)	\$ -	\$ -	\$ -	\$ 9.17	\$ 2.69	\$ -	\$ (0.02)	\$ -	\$ -	\$ -	\$ -	\$ 9.31
16	RT Contingency Reserve Deployment Failure Amount	555.08	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17	RT Over-Collected Losses Distribution Amount	555.11	\$ (25,055.36)	\$ (22,767.90)	\$ (17,835.88)	\$ (16,683.54)	\$ (21,173.23)	\$ (23,936.72)	\$ (27,130.32)	\$ (29,609.28)	\$ -	\$ -	\$ -	\$ -	\$ (184,192.23)
18	RT Regulation-Down Distribution Amount	555.12	\$ 0.65	\$ -	\$ -	\$ -	\$ 10.07	\$ 6.68	\$ -	\$ 0.09	\$ -	\$ -	\$ -	\$ -	\$ 17.49
19	RT Regulation Non-Performance Distribution Amount	555.13	\$ 3.22	\$ -	\$ -	\$ -	\$ (7.03)	\$ (3.69)	\$ -	\$ 0.04	\$ -	\$ -	\$ -	\$ -	\$ (7.46)
20	RT Regulation-Up Distribution Amount	555.14	\$ 20.54	\$ -	\$ -	\$ -	\$ (3.95)	\$ (3.52)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13.07
21	RT Spinning Reserve Distribution Amount	555.16	\$ 13.54	\$ -	\$ -	\$ -	\$ (1.05)	\$ (0.74)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11.75
22	RT Supplemental Reserve Distribution Amount	555.17	\$ (4.10)	\$ -	\$ -	\$ -	\$ 0.01	\$ 0.01	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (4.08)
23	RT Pseudo Tie Congestion Amount	555.20	\$ 4,239.67	\$ 43,022.06	\$ (262,957.41)	\$ (257,699.04)	\$ (353,121.59)	\$ (365,592.96)	\$ (241,942.60)	\$ (234,058.29)	\$ -	\$ -	\$ -	\$ -	\$ (1,668,110.16)
24	RT Pseudo Tie Loss Amount	555.21	\$ 10,398.45	\$ (19,015.78)	\$ (20,174.32)	\$ (27,737.34)	\$ (53,371.91)	\$ (53,440.44)	\$ (70,161.71)	\$ (95,052.28)	\$ -	\$ -	\$ -	\$ -	\$ (328,555.33)
25	Miscellaneous Amount	555.23	\$ (32.36)	\$ (208.38)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 358.07	\$ -	\$ -	\$ -	\$ -	\$ 117.33
26	ARR Closeout Yearly Amount	555.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (194,122.49)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (194,122.49)
27	RT Demand Reduction Distribution Amount	555.28	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
28	RT Schedule 1A3 Amount	555.29	\$ (3.31)	\$ 0.06	\$ (0.01)	\$ -	\$ 11.89	\$ 3.24	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11.87
29	RT Schedule 1A4 Amount	555.30	\$ (16.84)	\$ 0.31	\$ (0.02)	\$ -	\$ 58.03	\$ 15.81	\$ -	\$ (0.14)	\$ -	\$ -	\$ -	\$ -	\$ 57.15
30	DA Ramp Up Distribution Amount	555.31	\$ -	\$ -	\$ -	\$ -	\$ 36.86	\$ 12.28	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 49.14
31	DA Ramp Down Distribution Amount	555.32	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
32	RT Ramp Non Performance Distribution Amount	555.33	\$ -	\$ -	\$ -	\$ -	\$ (0.92)	\$ (0.32)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1.24)
33	RT Ramp Up Distribution Amount	555.34	\$ -	\$ -	\$ -	\$ -	\$ (1.33)	\$ (0.39)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1.72)
34	RT Ramp Down Distribution Amount	555.35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
35	TOTAL		\$ (10,507.19)	\$ 1,031.18	\$ (300,967.69)	\$ (302,119.92)	\$ (427,237.53)	\$ (636,967.47)	\$ (339,234.63)	\$ (358,362.31)	\$ -	\$ -	\$ -	\$ -	\$ (2,374,365.56)
Grandfathered Charge Types															
36	DA GFA Carve Out Distribution Deployment Daily Amount	555.01	\$ (11.48)	\$ (0.08)	\$ -	\$ -	\$ 70.66	\$ 18.23	\$ -	\$ (0.12)	\$ -	\$ -	\$ -	\$ -	\$ 77.21
37	DA GFA Carve Out Distribution Deployment Monthly Amount	555.22	\$ 0.51	\$ -	\$ -	\$ -	\$ (0.17)	\$ (0.04)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.30
38	DA GFA Carve Out Distribution Deployment Yearly Amount	555.27	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (23.47)	\$ (4.35)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (27.82)
39	TOTAL		\$ (10.97)	\$ (0.08)	\$ -	\$ -	\$ 70.49	\$ (5.28)	\$ (4.35)	\$ (0.12)	\$ -	\$ -	\$ -	\$ -	\$ 49.69
40	TOTAL SPP CHARGES - Energy Adjustment Rider		\$ (18,240.99)	\$ 1,162.75	\$ (300,974.96)	\$ (302,119.92)	\$ (409,448.97)	\$ (632,435.88)	\$ (339,238.98)	\$ (358,399.15)	\$ -	\$ -	\$ -	\$ -	\$ (2,359,696.10)