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February 28, 2025

Will Seuffert Executive Secretary Minnesota Public Utilities Commission 121 7th Place East, Suite 350 St. Paul, MN 55101-2147 PUBLIC DOCUMENT – NOT PUBLIC (OR PRIVILEGED) DATA HAS BEEN EXCISED

RE: In the Matter of Otter Tail Power Company's Petition for Approval of the Annual True-Up for its Energy Adjustment Rider, Rate Schedule 13.01
Docket No. E017/AA-23-181

Dear Mr. Seuffert:

Otter Tail Power Company (Otter Tail Power) hereby submits to the Minnesota Public Utilities Commission (Commission) its 2024 True-Up of Energy Adjustment rates in response to decisions rendered by the Commission in Docket No. E999/CI-03-802 and where applicable, in compliance with annual reporting requirements pursuant to Minn. R. 7825.2800 to 7825.2840 governing Automatic Adjustment of Charges.

Various portions and attachments to this filing contain information that Otter Tail Power considers trade secret. Otter Tail Power believes this filing comports with the Commission's Notice relating to Revised Procedures for Handling Trade Secret and Privileged Data, pursuant to Minn. R. 7829.0500. As required by the revised procedures, a statement providing the justification for excising the trade secret data follows this letter.

If you have any questions regarding this filing, please contact me at 218-739-8728 or at agrenier@otpco.com.

Sincerely,

/s/ AMBER GRENIER
Amber Grenier
Manager, Regulatory Economics

Enclosures
By electronic filing
c: Service List



STATEMENT REGARDING JUSTIFICATION FOR EXCISING TRADE SECRET INFORMATION

Please note that Otter Tail Power Company has marked the following portions of this filing with the caption **NOT PUBLIC DOCUMENT – NOT FOR PUBLIC DISCLOSURE**, according to Minn. Stat. § 13.37, subd. 1(b). This statute protects certain "government data," as that term is defined at Minn. Stat. § 13.02, Subd. 7, from being disclosed by an administrative agency to the public.

- Paragraphs 7.A.1. a) and b) of reporting requirements from Passing MISO Day 2 Costs Through Fuel Clause Order in Docket No. E-017/M-05-284 (Appendix A Section 3);
- Portion of reply to 22. of MN PUC Order Acting on Electric Utilities' Annual Reports and Requiring Additional Filings Docket Nos. E999/AA-09-961 and E999/AA-10-884 (Appendix A Section 6);
- Monthly Forecast to Actual Expense (Revenue) (Attachment 3);
- Monthly Cost Components by Fuel-Type (Attachment 7);
- MISO Module E Data (Attachment 8);
- Otter Tail's Forced Outage Information Change in Energy Costs Column (Attachment 13);
- Wind Curtailment Summary Report (Attachment 14)

The information being supplied in this filing is considered to be a "compilation" of data that (1) was supplied by Otter Tail Power Company, (2) is the subject of reasonable efforts by Otter Tail Power Company to maintain its secrecy, and (3) derives independent economic value, actual or potential, from not being generally known to or accessible to the public.

It is Otter Tail Power Company's understanding that marking the filing in this manner is consistent with the revised procedures for handling trade secret and privileged data, as announced in the joint memorandum of the Office of Energy Security and Public Utilities Commission dated August 18, 1999 and which became effective September 1, 1999.

Date prepared: February 28, 2025

STATE OF MINNESOTA BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION

In the Matter of Otter Tail Power Company's Petition for Approval of the Annual True-Up for its Energy Adjustment Rider, Rate Schedule 13.01 Docket No. E017/AA-23-181

SUMMARY OF FILING

Otter Tail Power Company (Otter Tail Power or Company) submits this Petition to the Minnesota Public Utilities Commission (Commission) for approval of its annual true-up rate for its Energy Adjustment Rider (EAR) under Otter Tail Power's Rate Schedule Section 13.01 for calendar year 2024.

STATE OF MINNESOTA BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION

In the Matter of Otter Tail Power Company's Petition for Approval of the Annual True-Up for its Energy Adjustment Rider, Rate Schedule 13.01

Docket No. E017/AA-23-181
PETITION

I. INTRODUCTION

Otter Tail Power Company (Otter Tail Power or the Company) submits this Petition to the Minnesota Public Utilities Commission (Commission) for approval of its true-up of annual costs and collections recovered through its Energy Adjustment Rider (EAR) under Rate Schedule Section 13.01 for the period of January 1 to December 31, 2024. Otter Tail Power also provides numerous annual reporting requirements in compliance with Minn. R. 7825.2800 to 7825.2840 governing Automatic Adjustment of Charges and as required by prior Commission Orders.

II. REGULATORY BACKGROUND AND REQUEST SUMMARY

On May 1, 2023, Otter Tail Power filed its Initial Petition for Approval of the 2024 Annual Forecasted Rates for its Energy Adjustment Rider, Rate Schedule Section 13.01 in Docket No. E017/AA-23-181. In its November 9, 2023 Order, the Commission authorized Otter Tail Power to implement its updated 2024 Fuel Clause Adjustment (FCA) forecast based on forecasted sales of 5,750,224 megawatt hours (MWh), fuel costs of \$150,076,693, and net system FCA costs of \$26.099 per MWh.

On March 1, 2024, Otter Tail Power filed its 2023 True-up filing in Docket 22-314 requesting to return a net over-recovered balance for 2023 and prior periods of \$5,201,983. The true-up was approved by the Commission's Order dated July 1, 2024, and the Commission ordered recovery of that balance over the September 2024 to August 2025 timeframe, with a decrease in the EAR by a rate of \$0.0020 per kWh.

On May 30, 2024, Otter Tail Power made a supplemental filing to its 2024 FCA forecast rates in Docket 23-181 to return an over-collection of approximately 12 million that accumulated from January 2024 through April 2024. The reduction in EAR rates to begin refunding this amount was (\$0.009120) per kWh beginning July 2024 and through December 2024. On November 22, 2024 Otter Tail Power made an additional

supplemental filing to return an approximately \$9.9 million over collection that accumulated from May 2024 through October 2024. The reduction in EAR rates to begin refunding this additional supplemental amount was (\$0.007200) per kWh beginning January 2025 through June 2025.

2024 EAR TRUE-UP REQUEST

In this filing, Otter Tail Power submits for approval, its proposed true-up of final FCA costs and collections for calendar year 2024, along with analysis of various factors that contributed to the variances that occurred between forecasted costs for 2024 and actual costs for 2024. Otter Tail Power will demonstrate that its FCA costs for 2024 were reasonable and prudent given market conditions that existed in 2024.

On a system-wide basis, Otter Tail Power's actual EAR recoverable costs for 2024 were \$106,714,012 as compared to the Company's forecasted costs for 2024 of \$150,076,693. Otter Tail Power's actual amounts have been adjusted to include the proposed return of the 2024 portion of the Midcontinent Independent System Operator (MISO) Planning Resource Auction (PRA) Revenues.

Based on the ratio of Minnesota kWh sales subject to the EAR to total system kWh sales subject to the EAR, Minnesota's share of 2024 system costs were \$51,291,196. Total collections from customers for 2024 recovery were \$72,629,514 resulting in an overcollection of \$21,338,318 for the 2024 recovery year before incorporating the impact of two supplemental filings¹ for 2024 and the early refunds initiated July through December of 2024 and January through June of 2025 for the 2024 recovery year. Accounting for the refunds implemented July 2024 through December 2024, and forecasted refunds from January 2025 through June 2025, the projected net balance for the 2024 recovery year is (\$774,941). Included for the first time in the 2024 true-up is a credit for Otter Tail Power-owned small scale solar.²

The final balance of over-recovery for 2022 FCA True-Up is \$497,485, which ended on August 31, 2024. The final balance from 2023 July Supplemental filing, which ended recovery on August 31, 2024, is (\$550,939). The balance of the 2023 FCA True-Up⁵ as of December 31, 2024, is \$115,808. Otter Tail Power continues to incorporate the rate adjustments implemented in September 2024 for the 2023 over-recovery. Based on forecasted sales from January through August 2025, Otter Tail Power estimates the net under-recovery balance for all periods to be (\$774,941) as of August 31, 2025.

¹ 2024 FCA, Docket No. E017/AA-23-181 Supplemental Filings dated May 30, 2024, and November 22, 2024.

² January 26, 2024 Order in Docket No. E017/M-23-338.

³ 2022 FCA True-Up, Docket No, E017/AA-21-311 dated March 1, 2023.

⁴ 2023 FCA, Docket No. E017/AA-22-214 Supplemental Filing dated July 24, 2023.

⁵ 2023 FCA True-Up, Docket No. E017/AA-22/214 dated March 1, 2024.

Otter Tail Power proposes to collect the 2024 under-recovery balance over a twelve-month period of September 1, 2025, through August 31, 2026, as stated in Otter Tail Power's EAR Rate Schedule, Section 13.01, which states "[t]he annual true-up shall be based . . . and shall be applied to the subsequent twelve months."

Otter Tail Power also submits in this filing reports and schedules required by Minnesota Rules 7825.2800 to 7825.2840 governing Automatic Adjustment of Charges, as well as those items required by prior Commission Orders from past Annual Automatic Adjustment (AAA) Dockets.

III. SUMMARY OF FILING

Pursuant to Minn. Rules 7829.1300, subp. 1, a one-paragraph summary of the filing accompanies this Petition.

IV. GENERAL FILING INFORMATION

Pursuant to Minn. R. 7829.1300, subp. 3, Otter Tail Power provides the following general information.

A. NAME, ADDRESS, AND TELEPHONE NUMBER OF UTILITY

(Minn. Rules 7829.1300, subp. 3(A))

Otter Tail Power Company 215 South Cascade Street P. O. Box 496 Fergus Falls, MN 56538-0496 (218) 739-8200

B. NAME, ADDRESS, AND TELEPHONE NUMBER OF UTILITY ATTORNEY

(Minn. Rules 7829.1300, subp. 3(B))

Lauren Donofrio Otter Tail Power Company 215 South Cascade Street P. O. Box 496 Fergus Falls, MN 56538-0496 (218) 739-8774 ldonofrio@otpco.com

C. DATE OF FILING AND PROPOSED EFFECTIVE DATE OF TRUE-UP

(Minn. Rules 7829.1300, subp. 3(C))

Consistent with the filing requirement in Minn. R. 7825.2840, the date of this filing is February 28, 2025. Otter Tail Power proposes to implement the True-Up rate effective September 1, 2025. The information contained in this filing is submitted in compliance with the aforementioned rules concerning Automatic Adjustment of Charges.

D. STATUTE CONTROLLING SCHEDULE FOR PROCESSING THE FILING

(Minn. Rules 7829.1300, subp. 3(D))

No statute establishes a schedule for processing this filing. The applicable rules are Minn. R. 7825.2800 through 7825.2840.

E. TITLE OF UTILITY EMPLOYEE RESPONSIBLE FOR FILING

(Minn. Rules 7829.1300, subp. 3(E))

Amber Grenier
Manager, Regulatory Economics
Otter Tail Power Company
215 South Cascade Street
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Fergus Falls, MN 56538-0496
(218) 739-8728
agrenier@otpco.com

F. IMPACT ON RATES

(Minn. Rules 7829.1300, subp. 3(F))

The True-Up rate has no effect on Otter Tail Power's base rates. The additional information required under this rule is included throughout the Petition.

G. SERVICE LIST

(Minn. Rules 7829.0700)

Otter Tail Power requests that the following persons be placed on the Commission's official service list for this matter and that any trade secret comments, requests, or information be provided to the following on behalf of Otter Tail Power:

Amber Grenier Manager, Regulatory Economics Otter Tail Power Company 215 South Cascade Street Fergus Falls, MN 56538-0496 (218) 739-8728 agrenier@otpco.com Lauren Donofrio Sr. Associate General Counsel Otter Tail Power Company 215 South Cascade Street Fergus Falls, MN 56538-0496 (218) 739-8774 ldonofrio@otpco.com

Regulatory Filing Coordinator
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regulatory_filing_coordinators@otpco.com

H. SERVICE ON OTHER PARTIES

(Minn. Rules 7829.1300, subp. 2; Minn. Rules 7829.0600)

Pursuant to Minn. Rule 7829.1300, subp. 2, Otter Tail Power served a copy of this Petition on the Department and the Residential Utilities Division of the Office of the Attorney General. A summary of the filing prepared in accordance with Minn. Rule 7829.1300, subp. 1 was served on all parties on Otter Tail Power's general service list.

V. DESCRIPTION OF FILING

A. FILING OVERVIEW

The primary purpose of this filing is to: (1) demonstrate that Otter Tail Power's fuel and purchased power costs to serve its customers for 2024 were reasonable and prudent; (2) provide the necessary support for the Commission to reach that conclusion; (3) obtain approval of Otter Tail Power's request to move forward in implementing its final true-up rates for 2024; and 4) obtain approval of all compliance reporting in accordance with Minnesota Rules 7825.2800 to

7825.2840 governing Automatic Adjustment of Charges, as well as those items required by prior Commission Orders from past Annual Automatic Adjustment (AAA) Dockets.

Otter Tail Power's proposed true-up in this filing will be a combination of an over-collection in 2024 and remaining collection balances from prior periods, resulting in a projected <u>net</u> under-collection of (\$774,941) as of August 31, 2025.

B. KEY RESULTS AND ANALYSIS OVERVIEW

Table 1 below provides key datapoints that provide insight into Otter Tail Power's FCA actual results for 2024, relative to its forecast. As the table indicates, the total actual average cost per MWh was \$18.86 per MWh, approximately 27.74 percent lower than forecast, and total actual system costs were \$106,714,012 for 2024, or approximately 28.89 percent under the forecast. Total system sales in 2024 were higher than forecast by approximately 1.60 percent. A significant decrease in Locational Marginal Prices (LMPs) and associated natural gas market prices in 2024 influenced Otter Tail Power's 27.74 percent decrease in average cost per MWh. On-peak LMPs were 21.53 percent lower than forecast, and off-peak LMPs were 31.06 percent lower than forecast. Otter Tail Power's total Power Purchase Agreements (PPAs) and Market purchases were up 8.71 percent and the overall average cost of market purchases and PPAs were 24.83 percent lower than forecast.

Table 1 2024 FCA Summary (Total System)

	Actual	Forecast	Variance	Variance %
Average Cost Per MWh	\$18.860	\$26.099	(\$7.239)	(27.74%)
MWh Sales Subject to COE	5,658,135	5,750,224	(92,089)	1.60%
Total Cost (Fuel & Purchased Power)	\$106,714,012	\$150,076,693	(\$43,362,681)	(28.89%)
Average On-Peak LMP Prices @ OTP.OTP	\$34.31	\$43.73	(\$9.41)	(21.53%)
Average Off-Peak LMP Prices @ OTP.OTP	\$23.92	\$34.70	(\$10.78)	(31.06%)
MWhs of PPAs and Market Purchases	2,833,445	2,606,498	226,947	8.71%
Total Cost of PPAs and Market Purchases	\$80,480,504	\$98,478,855	(\$17,998,351)	(18.28%)
Average Cost of PPAs and Market Purchases	\$28.40	\$37.78	(\$9.38)	(24.83%)

This filing includes a more detailed analysis of actual 2024 FCA recoverable costs in comparison to initial forecasted costs and associated rates from 2024, including a closer look at some of the key drivers impacting the results. Specifically, the analysis provides additional data and discussion on the following items:

- 1. Total Forecast costs for 2024 compared to actual costs.
- 2. Forecasted kWh sales for 2024 compared to actual kWh sales.
- 3. Forecasted rates for 2024 compared to actual rates.
- 4. Forecasted market prices for 2024 compared to actual market prices.
- 5. Forecasted generation and associated fuel costs compared to actual generation and associated costs, a discussion on changes in plant operations implemented in 2024, as well as a review of overall plant availability and associated forced outages.
- 6. Forecasted purchased power costs authorized for FCA recovery including PPAs and market purchases compared to actual results.
- 7. Forecasted MISO and SPP wholesale market charges compared to actual results.
- 8. Forecasted asset-based sales compared to actual results.
- 9. Reagent expenses and steam and water sales.
- 10. MISO Planning Resource Auction revenues

In addition, Attachment 2 to this filing includes a summary of monthly forecast and actual results for 2024 by month. Attachment 3 (marked as Not Public) to this filing includes detailed forecast to actual comparisons for each month of 2024, with separate monthly variance analysis for total monthly costs, monthly MWhs, and monthly cost per MWh, as well as Total Year results for those same components.

Otter Tail Power provides additional analysis associated with total FCA collections for 2024 relative to actual costs incurred and quantifies the applicable true-up balance subject to collection as authorized by the Commission.

Finally, Otter Tail Power provides information regarding numerous compliance items, as specified by applicable rules and prior Commission Orders.

C. 2024 TOTAL COSTS LOWER THAN FORECAST

Table 2 below summarizes Otter Tail Power's actual monthly FCA costs for 2024 compared to forecasted costs. As noted earlier, Attachment 2 to this filing

provides a further categorical breakdown of forecasted and actual monthly costs for 2024. Further discussion and analysis of these results follows.

Table 2 Monthly Fuel & Purchased Power Costs Forecast to Actual Comparison (Total System)

Month	Actual	Forecast	Variance
January 2024	\$18,104,554	\$18,340,962	(\$236,408)
February 2024	\$11,219,580	\$18,123,269	(\$6,903,688)
March 2024	\$6,330,101	\$12,838,768	(\$6,508,667)
April 2024	\$3,018,511	\$10,094,306	(\$7,075,794)
May 2024	\$7,897,939	\$9,314,380	(\$1,416,442)
June 2024	\$7,659,170	\$9,344,999	(\$1,685,829)
July 2024	\$9,828,818	\$11,218,022	(\$1,389,204)
August 2024	\$7,554,937	\$10,559,110	(\$3,004,172)
September 2024	\$3,686,953	\$10,101,212	(\$6,414,259)
October 2024	\$6,450,961	\$10,126,798	(\$3,675,836)
November 2024	\$8,431,061	\$13,113,367	(\$4,682,306)
December 2024	\$16,615,665	\$16,901,500	(\$285,835)
Total	\$107,518,207	\$150,076,693	(\$42,558,486)

D. 2024 SALES LOWER THAN FORECAST

Otter Tail Power developed its 2024 FCA forecast using the most current sales forecast available at the time of its May 1, 2023 Initial Filing. For 2024, overall kWh sales were down approximately 1.6 percent relative to forecast. In addition, weather also played a factor in 2024 sales. Heating degree days (HDD) for 2024 were approximately 83.7 percent⁶ of normal while cooling degree days (CDD) were 93.8 percent of normal in 2024.

Table 3 below shows the actual billed kWh sales compared to forecast for 2024:

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⁶ Actual 2024 HDD = 5,313 (83.7% of Normal); Actual 2024 CDD = 440 (93.8% of Normal).

Table 3
2024 Monthly kWh Sales
Forecast to Actual Comparison
Total System

Month	Actual	Forecast ⁷	Variance
January 2024	568,627,800	573,540,297	(4,912,497)
February 2024	536,426,943	528,036,003	8,390,940
March 2024	485,103,013	499,601,400	(14,498,388)
April 2024	506,391,362	448,888,320	57,503,042
May 2024	437,136,566	423,410,563	13,726,003
June 2024	405,118,314	420,242,012	(15,123,698)
July 2024	446,971,768	454,864,793	(7,893,026)
August 2024	455,798,056	446,078,431	9,719,625
September 2024	450,170,185	428,875,037	21,295,148
October 2024	406,143,181	450,028,798	(43,885,617)
November 2024	450,405,129	509,259,000	(58,853,871)
December 2024	509,842,218	567,399,777	(57,557,560)
Total	5,658,134,533	5,750,224,431	(92,089,898)

E. COMPARISON OF FORECASTED RATES TO ACTUAL COSTS PER KWH

Table 4 below shows Otter Tail Power's actual average cost of fuel and purchased power for calendar year 2024 was \$0.018860 per kWh compared to a forecast of \$0.026099 per kWh. Table 4 summarizes the approved forecasted monthly fuel rate per kWh, the actual fuel costs per kWh and the variances. Attachment 2 provides these costs on a monthly and total basis.

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⁷ November 9, 2023, Order in Docket No. E017/AA-23-181.

Table 4
Total FCA Cost Per kWh
2024 Initial Forecast to Actual Comparison
(Total System)

Month	Actual	Initial Forecast ⁸	Variance
January 2024	\$0.032164	\$0.031979	(\$0.000139)
February 2024	\$0.021240	\$0.034322	(\$0.013407)
March 2024	\$0.013374	\$0.025698	(\$0.012649)
April 2024	\$0.006119	\$0.022487	(\$0.016693)
May 2024	\$0.018392	\$0.021998	(\$0.003931)
June 2024	\$0.019231	\$0.022237	(\$0.003331)
July 2024	\$0.013195	\$0.024662	(\$0.002673)
August 2024	\$0.007780	\$0.023671	(\$0.007096)
September 2024	(\$0.002930)	\$0.023553	(\$0.015363)
October 2024	\$0.004763	\$0.022503	(\$0.006619)
November 2024	\$0.007599	\$0.025750	(\$0.007031)
December 2024	\$0.021470	\$0.029788	(\$0.002802)

Table 4-1 below shows the revised rates that Otter Tail Power implemented beginning in July 2024, in effect during the July through December 2024 timeframe, incorporating recovery of the over-collection from 2023 over the last four months of 2024, per Otter Tail Power's May 30, 2024 Supplemental Filing in this docket.

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⁸ November 9, 2023 Order in Docket No. E017/AA-23-181.

Table 4-1 **Total FCA Cost Per kWh Revised Forecast to Actual Comparison**

Month	Actual	Revised Rates ⁹	Variance
July 2024	\$0.024660	\$0.015865	(\$0.008795)
August 2024	\$0.023670	\$0.014875	(\$0.008795)
September 2024	\$0.023550	\$0.012430	(\$0.01112)
October 2024	\$0.022500	\$0.011380	(\$0.01112)
November 2024	\$0.025750	\$0.014630	(\$0.01112)
December 2024	\$0.029790	\$0.018670	(\$0.01112)

Table 4-2 below shows the revised rates that Otter Tail Power implemented beginning in January 2025, in effect through June 2025 incorporating the return of the over-collection from May 2024 through October 2024 per Otter Tail Power's November 22, 2024 Supplemental Filing in this docket.

Table 4-2 Total FCA Cost Per kWh 2025 ApprovedRates to Revised Rates Comparison

Month	Approved Rates ¹⁰	Revised Rates ¹¹	Variance
January 2025	\$0.02513	\$0.01793	(\$0.0072)
February 2025	\$0.02627	\$0.01907	(\$0.0072)
March 2025	\$0.02077	\$0.01357	(\$0.0072)
April 2025	\$0.02217	\$0.01497	(\$0.0072)
May 2025	\$0.02114	\$0.01394	(\$0.0072)
June 2025	\$0.01805	\$0.01085	(\$0.0072)

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Otter Tail Power's Supplement Filing, May 30, 2024 in Docket No. E017/AA-23-181.
 Otter Tail Power's Approved 2025 Forecasted rate in Docket No. E017/AA-24-65 with Otter Tail Power's Approved 2023 True-Up in Docket No. E017/AA-22-214.
 Otter Tail Power's Supplement Filing, May 30, 2024 in Docket No. E017/AA-23-181.

F. 2024 MARKET PRICES FOR NATURAL GAS AND ENERGY WERE LOWER

1. Natural Gas Prices

Natural gas pricing often drives MISO LMPs. This is due to natural gas generation facilities often being the marginal units, or price-setting units, within the MISO market. An example of this occurred in 2021, when natural gas prices spiked abnormally high in February during Winter Storm Uri, which impacted much of the central United States and resulted in a sharp increase in LMPs.

Otter Tail Power based its modeling inputs for natural gas in the initial forecast for 2024 on prices the Company captured on March 14, 2023. At that time, forward curves projected higher natural gas prices for 2024. The graph below compares the 2024 actual average monthly Ventura Hub natural gas prices relative to the forecasted prices from March 14, 2023. Otter Tail Power used these forecasted prices as key inputs in its FCA modeling to determine plant dispatch and associated market purchases it included in the Company's forecasted rates. On average, Otter Tail Power expected prices to be over \$7.00 in January and February, retreating to within a \$3.13 to \$5.42 per MMBtu bandwidth much of the rest of the year. However, actual natural gas prices decreased in early 2024 from under \$7.00 per MMBtu to an average of \$2.18 per MMBtu for the year. For the rest of 2024, natural gas prices in the Ventura Hub remained relatively flat. Contributing factors to natural gas prices being lower than forecasted included weather, as well adequate supplies of natural gas produced and associated storage levels relative to demand.

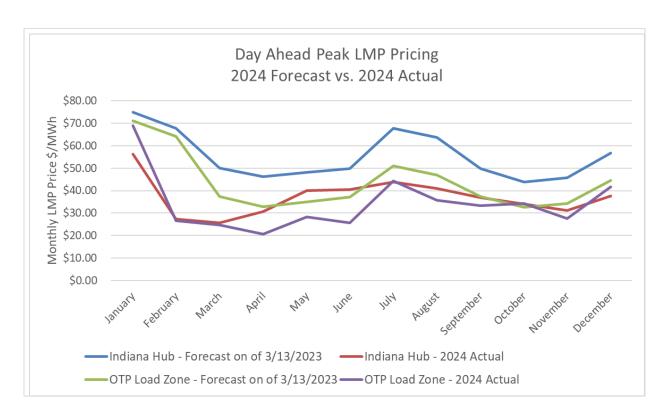
2. LMPs

Key inputs in Otter Tail Power's Encompass model used to develop 2024 forecasted rates are forecasted LMPs. The model uses these prices to estimate how MISO will dispatch generating resources based on their respective operating costs to meet forecasted load. When market prices are lower than the fuel costs to generate, the model assumes market purchases will meet load, just like how the real market works.

Otter Tail Power uses daily forward Indiana Hub price curves published by Intercontinental Exchange, Inc. (ICE) to forecast the LMPs for the Otter Tail Power load zone. The Company analyzes historical pricing basis between the Indiana Hub and the Otter Tail Power load zone, evaluates historical

market conditions, and considers current and future market expectations to develop our load zone forecast. As the Indiana Hub actual pricing deviates from forecasted pricing, the Otter Tail Power load zone actuals will similarly deviate from the forecast. For the 2024 Otter Tail Power load zone forecast, the Company used the March 14, 2023, Indiana Hub forward price curve published by ICE.

Actual average on-peak 2024 Indiana Hub pricing decreased approximately 18.5 percent compared to the March 14, 2023 forward Indiana Hub price curve. Similarly, actual on-peak 2024 Otter Tail Power load zone pricing decreased approximately 21.5 percent compared to the March 14, 2023 forecasted price curve. Lower natural gas pricing, discussed more fully above, was a main cause of the decrease in LMPs from forecasted. To illustrate, the graphs below show the Indiana Hub and Otter Tail Power load zone curves, forecast vs actual for peak and off-peak prices.



Appendix A, Section 3.7.C., of this filing provides additional discussion on how 2024 market conditions were incorporated into the Company's forecast of generation output.

As noted earlier, the Encompass model that Otter Tail Power used to develop its 2024 fuel forecasts modeled plant dispatch and associated fuel costs based on the operating parameters and associated costs of running the plants. In the model, the dispatch of plants is influenced by (1) the amount of load to be served, which varies seasonally; (2) energy acquired from long term PPAs or other forward purchases; and (3) forecasted LMPs estimating the cost at which Otter Tail Power could acquire energy from the market. Plant availability is another factor, as planned outages and estimated forced outage rates were also inputs into the model. The model attempts to balance all these variables to achieve the lowest cost portfolio of resources to meet load and other market requirements.

3. Baseload Generation Utilization

Actual baseload generation for 2024 was lower than forecasted amounts for 2024, with actual generation 17.6 percent lower than forecast, and associated fuel costs were 8.12 percent lower. Table 5 below summarizes actual baseload generation output and fuel costs for 2024 compared to forecast.

Table 5
2024 Baseload Generation
Forecast to Actual Comparison
(Total System)

Generating Unit	Actual MWhs	Forecast MWhs	Variance	Variance %
Big Stone Plant	863,726	910,940	(47,214)	(5.2%)
Coyote Station	769,380	1,071,160	(301,780)	(28.2%)
Total Baseload Generation - MWhs	1,633,105	1,982,100	(348,995)	(17.6%)
Total Baseload Fuel Costs	\$45,963,914	\$50,025,631	(\$4,061,717)	(8.12%)

4. Plant Availability

Big Stone Plant experienced two forced outages in 2024. The first forced outage was due to bearing vibration and lasted 2.9 days. The second was due to the loss of steam flow during a valve function test, which lasted 3.1 days. The estimated change in energy costs due to these outages in 2024 was approximately [Protected Data Begins... ...Protected Data Ends] as summarized in Attachment 13.

Coyote Station had nine forced outages in 2024, of which six were related to tube leaks. One was related to the gearbox to an air heater drive gear needing a new coupling. Another forced outage was related to a plug in the slag neck. Another outage was related to a split in the metal casing of the windbox. The estimated change in energy costs due to these outages in 2024 was approximately [**Protected Data Begins...** ...**Protected Data Ends**] as summarized in Attachment 13.

Attachment 13 (marked as Not Public) to this filing provides a complete listing of 2024 forced outages and the estimated change in energy costs attributable to those outages.

5. Wind Generation

Output from Otter Tail Power's owned wind generation fleet was approximately 15.8 percent lower than forecasted for 2024. As Table 6 below shows, all Otter Tail Power wind facilities, with the exception of Merricourt, saw from 18 percent to 37 percent reductions in generation output in 2024. This was the second year of Otter Tail Power's ownership of the Ashtabula III wind farm, which was purchased in early 2023.

Table 6 2024 OTP Owned Wind Generation Forecast to Actual Comparison (Total System)

	Actual MWhs	Forecast MWhs	Variance	Variance %
Langdon Wind	94,874	130,415	(35,541)	(27.25%)
Ashtabula Wind	116,065	142,965	(26,900)	(18.82%)
Ashtabula Wind III	142,585	201,003	(58,418)	(29.06%)
Luverne Wind	110,090	174,768	(64,678)	(37.01%)
Merricourt Wind	573,477	572,068	1,409	0.25%
Total Wind	1,037,092	1,221,220	(184,128)	(15.08%)

6. Gas and Oil Peaking Units, Hydro and Solar Generation

A small percentage of Otter Tail Power's generation comes from a natural gas peaking unit at Solway, MN, Otter Tail Power's new Astoria Station unit at Astoria, SD, several small oil peaking plants, a small amount of hydro, and small-scale solar generating facilities. MISO dispatched both Solway plant

and Astoria Station at significantly lower levels than forecast in 2024. MISO dispatches these units as needed to meet load in their respective geographic areas. Attachment 3 (marked as Not Public) includes a detailed comparison or forecast to actual results for all of these plants.

Hoot Lake Solar is a 50 MW solar facility located in Fergus Falls, MN. Hoot Lake Solar came online in the fall of 2023. The Company forecasted the solar facility would produce approximately 87 thousand MWhs and it actually produced 72 thousand MWhs. In addition to Hoot Lake Solar, fifteen Company-owned small scale solar facilities (approved by the Commission on January 26, 2024, in Docket No. E017/M-23-338) came online in the fourth quarter of 2024. This true-up includes a credit of \$2,423 for the limited operation of these facilities in 2024.

G. MARKET PURCHASES AND POWER PURCHASE AGREEMENTS

Otter Tail Power had three long-term wind PPAs included in our resource portfolio to serve our load in 2024. Additional energy is procured through shared service agreements and small co-gen agreements. Otter Tail Power obtains the majority of its purchased power through purchases in the MISO Day Ahead (DA) and Real Time (RT) markets, and through certain forward bilateral energy purchases executed to hedge market price volatility during periods of peak load or when generating units are unavailable due to major planned outages.

Table 7 below provides a summary of these various resources and their respective MWh contributions to Otter Tail Power's overall resource needs in 2024, relative to forecast, as well as a summary of the overall forecasted and actual costs.

Table 7
2024 Purchased Power Summary
Forecast to Actual Comparison
(Total System)

	Actual	Forecast	Variance	Variance %
Wind PPAs – MWhs	115,212	117,436	(2,224)	(1.89%)
Shared Loads/ Small Cogen - MWhs	154,730	163,843	(9,113)	(5.56%)
Bilateral & MISO Market purchases – MWhs	2,563,064	2,325,220	237,844	10.23%
Total Purchases - MWhs	2,833,445	2,606,498	226,947	8.71%
Total Purchases - Cost	\$80,480,504	\$98,478,855	(\$17,998,351)	(18.28%)
Average Cost per MWh	\$28.40	\$37.78	(\$9.38)	(24.82%)

As noted in Table 7 above, Otter Tail Power's wind PPAs generated approximately 1.9 percent less than the forecasted level for 2024. In addition, shared load agreements and small co-gen agreements supplement the Company's needs. These resources saw a slight decrease in output relative to forecast for 2024.

As discussed more fully above, market prices were lower in 2024 than what Otter Tail Power had forecasted when rates were set. The Company also experienced growth in system sales during 2024. As noted in Table 7, total bilateral and market-based purchases of 2,563,064 MWhs were 10.23 percent higher than the 2,325,220 MWhs forecast in 2024. As a portfolio, overall purchased power of 2,833,445 MWhs was approximately 8.7 percent higher than the 2,606,498 MWhs forecasted. Overall costs of purchased power were \$17.9 million lower than forecasted for 2024. The average cost was \$28.40/MWh compared to the forecasted average cost of \$37.78/MWh for the portfolio of resources summarized in Table 7.

H. MISO AND SPP WHOLESALE MARKET CHARGES

Wholesale market charges consist of various charges and credits Otter Tail Power is subject to as a participant in the MISO and the SPP¹² energy markets.

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 $^{^{\}rm 12}$ Additional background information on Otter Tail load in SPP can be found in Appendix A Section 4 of this filing.

This subset of wholesale market charges/credits does not include the primary charges/credits associated with the injection of energy (generation) and the withdrawal of energy (load), as the purchased power category of costs described above captures these charges. Between them, MISO and SPP assess nearly 70 different wholesale market charge types.

Table 8 below summarizes 2024 MISO and SPP Market Charges which, in aggregate, the Company forecasted to be an expense of approximately \$1 million but resulted in a revenue credit of approximately \$26.5 million. The largest variance occurred in the MISO market where Financial Transmission Rights (FTR) hourly allocation and FTR Auction Revenue Rights (ARRs) yielded the largest favorable variances, offsetting smaller unfavorable DA and RT congestion and loss variances. The Company includes detailed forecast to actual comparisons of all charge-types for both MISO and SPP in Attachment 3 (marked as Not Public).

Table 8
2024 MISO and SPP Wholesales Market Charges
Forecast to Actual Comparison
Expense (Revenue)
(Total System)

	Actual	Forecast	Variance	Variance %
MISO Market Charges	(\$26,495,663)	\$1,014,750	(\$27,510,413)	(2711.05%)
SPP Market Charges	(\$242,569)	(\$1,795,531)	\$1,552,962	(86.49%)
Total Market Charges	(\$26,738,232)	(\$780,781)	(\$25,957,451)	(3,324.6%)

I. ASSET BASED SALES

Plant availability, market prices, and load levels can all have an impact on when MISO dispatches plants to a point where units are net sellers into the market. For 2024, Otter Tail Power realized approximately \$4.9 million of asset-based sales that offset fuel costs and provided a margin of approximately \$2.3 million. The Company credits these amounts back to customers through its EAR Tariff Section 13.01. Otter Tail Power's Encompass model forecasted approximately \$5.4 million in asset-based sales for 2024. Lower average LMPs impacted the value of sales and associated margins when excess generation was available over and above

meeting Otter Tail Power's load. Table 9 below summarizes 2024 asset-based forecast to actual results.

Table 9 2024 Asset Based Sales Forecast to Actual Comparison Expense (Revenue) (Total System)

	Actual	Forecast	Variance	Variance %
Fuel Costs of Asset Based Sales	(\$7,296,915	(\$2,492,567)	(\$4,804,348)	(192.75%)
Margin on Asset Based Sales	\$2,368,629	(\$2,952,880)	\$5,321,509	180.21%
Total Asset Based Sales	(\$4,928,285)	(\$5,445,446)	\$517,161	(9.5%)

J. ANCILLARY SERVICES, WIND CURTAILMENTS

At times, MISO calls upon Otter Tail Power's generating resources to provide Ancillary Services Market (ASM) into the MISO market, which generates a revenue stream for the Company. In addition, certain provisions of Otter Tail Power's wind PPAs require curtailment payments when the facilities are shut down due to negative LMPs. These revenues and costs are a small component of the overall FCA costs. ASM revenues of \$1,401,005 were approximately 325.89 percent higher in 2024 than forecast, while curtailment costs of \$179,181 were 18.28 percent lower than forecast. Forecast to actual details can are in Attachments 2 and 3 for these items.

K. REAGENT EXPENSES AND STEAM AND WATER SALES

The 2024 EAR rates included forecasted costs for reagent expenses, which were 22.09 percent higher than forecasted. The use of reagents is a direct correlation to the operation of our baseload units, the more (or less) our units run, the more (or fewer) reagents we use. Total reagent costs incurred for 2024 were approximately \$2.93 million, as summarized in Attachment 2 on line 9.

The 2024 EAR rates also included forecasted steam and water sales. Actual sales were 11.59 percent lower than forecasted in 2024. Actual net margin attributable steam and water sales for 2024 was approximately \$1.1 million, as summarized in Attachment 2 on line 10.

L. MISO PLANNING RESOURCE AUCTION REVENUES

In Docket No. E017/AA-23-181, the Commission approved Otter Tail Power's request to include actual MISO PRA costs and revenues in this annual true-up filing for the 2024 calendar year. Otter Tail Power recognized \$471,407 (OTP Total) in 2024 MISO PRA Revenues as shown in Attachment 2, Line 11.

M. HOOT LAKE SOLAR ADJUSTMENT FOR 100 PERCENT OF OUTPUT

In Docket No. E017/M-20-844, the Commission approved Otter Tail Power's request to fully allocate to Minnesota the output and costs of the Hoot Lake Solar project. Otter Tail Power's current Minnesota EAR mechanism calculates Minnesota EAR rates based on total system costs divided by total system sales. Because Minnesota is not the only jurisdiction Otter Tail Power serves, the impact of the zero-fuel cost output of Hoot Lake Solar is diluted amongst all customers in the three states Otter Tail Power serves absent an adjustment. Because 100 percent of the output benefits Minnesota customers, the Company adjusts to gross up the value of the output in the EAR calculation so 100 percent of the benefit is attributed to Minnesota.

From a forecasting perspective, Otter Tail Power uses the forecasted monthly cost per MWh of Market Purchases and the forecasted monthly output for Hoot Lake Solar to calculate the avoided cost. On a monthly actual basis, Otter Tail Power obtains the actual revenue generated by Hoot Lake Solar through two primary MISO charge types: Day Ahead Asset Energy Amount and Non-Excessive Energy Amount. The difference between the total revenue generated by Hoot Lake Solar and the amount allocated to Minnesota through the standard calculation of Minnesota EAR is grossed up using Minnesota's percentage of total system sales to credit 100 percent of the Hoot Lake Solar revenue to the Minnesota EAR. The actual credit for 2024 was approximately \$2.4 million. The calculation for 2024 is included in Attachment 20 and reflected in Attachment 2 on line 8.

N. NET TRUE-UP BALANCE

Attachment 1 provides the monthly detail of total system sales, total system FCA costs, monthly recovery of costs, and remaining true-up balances from both 2023 and 2024 recovery years. Because existing true-up adjustments remain in current rates until August 2025, the proposed true-up balance reflects an estimated balance on August 31, 2024, of an *under-collection* of \$774,941, as summarized in Table 10 below. Attachment 1 provides the calculation of the annual true-up charge of (\$0.003000) per kWh.

Table 10 2024 Annual True-Up Balance MN Share

Line	Item	Amount
1	Total 2024 recovery from forecasted EAR:	\$72,629,514
2	Actual 2024 energy costs (MN Share)	\$51,291,196
3	2024 Over/(Under) Recovery before refund	\$21,338,318
4	Cumulative Over/(Under) through 2022 True-Up Collected	\$497,485
5	Cumulative Over/(Under) through 2023 Supplemental Collected	\$(550,939)
6	Projected Cumulative Over/(Under) through 2023 True-Up	\$150,114
7	Cumulative Over/(Under) through 2024 May Supplemental Collected Revenue	(\$12,012,457)
8	Cumulative Over/(Under) through 2024 November Supplemental Projected Revenue	(\$9,929,116)
9	Small Scale Solar Credit	(\$2,423)
10	Current Projected Over/(Under) to Customers	(\$774,941)

Line 1 in Table 10 above shows that total collections based on approved rates were approximately \$72.6 million, yielding an over-collection of approximately \$21.3 million for the 2024 recovery year. This amount does not consider any true ups from prior periods. Line 4 reflects the final balance of the 2022 True-Up in Docket No. E017/AA-21-311 that ended on August 31, 2024, accounting for rate adjustments implemented in September of 2023. Line 5 reflects the final balance of the amount collected under the July 2024 Supplemental filing in Docket No. E017/AA-22-214 as of August 31, 2024. Line 6 reflects the current balance of the 2023 True-Up in Docket No. E017/AA-22-214 that began September 1, 2024, and recovery will continue to August 31, 2025. Line 7 and 8 reflect the removal of revenue collected and projected to be collected through supplemental filings Otter Tail Powermade in May and November 2024 respectively. Line 9 provides a credit for the production from Company-owned small scale solar generation. As noted above, Attachment 1 details the calculation of the amounts in Table 10.

For reference, Otter Tail Power's current Energy Adjustment Rider, Section 13.01, Page 3, includes these two paragraphs describing the annual true-up:

In addition, subject to Commission approval, there shall be an annual true-up for any amount collected over or under the actual cost of energy for the twelve months ending December 31 of each year as reported in the Annual Automatic Adjustment True-up report to be filed by March 1 following the most recent reporting period. The annual true-up shall be based on a historic twelve-month period, comparing actual costs per kWh to the forecasted costs per kWh and shall be applied to the subsequent twelve months. The annual true-up will be effective on billings beginning the first of the month following Commission approval of the true-up, or as ordered by the Commission. In years when the over- or under-recovery amount is small (resulting in a true-up rate rounded to less than 0.001¢), the true-up balance will carry over to the next year's true-up.

The annual true-up rate for each class shall be calculated as follows. The over- or under-recovery amount as shown in the current year Annual Automatic Adjustment True-up report will be divided by the forecasted Minnesota Kilowatt-Hours subject to the fuel adjustment clause for the proposed twelve-month recovery period the true-up rate will be in effect and then multiplied by the applicable EAF ratio. This calculation will produce a true-up rate per Kilowatt-Hour (rounded to the nearest 0.001ϕ) for each class that will be applied to Customers' bills in the same manner as the monthly cost of energy adjustment.

This annual true-up for 2024 is being filed on or before March 1, 2025. Any remaining balances associated with the prior recovery period annual true-up filing are included as part of the true-up rate requested in this filing per Ordering point 10 of the June 12, 2019 Order in Docket E999/CI-03-802.

O. ANNUAL COMPLIANCE/REPORTING REQUIREMENTS

In Appendix A, Otter Tail Power provides annual reporting requirements specified in the Rule sections described below to satisfy compliance obligations stemming from either these Rules or prior Commission Orders. Rule variances for these rules were approved by the Commission Order dated June 12, 2019, in Docket No. E999/CI-03-802.

Minn. R. 7825.2810 Annual Report: Automatic Adjustment of Charges

Appendix A Section 2 contains a summary of the annual reporting (by month) of all actual electric automatic adjustment charges for the prior year of January 1 to December 31, 2024. It includes the following:

Appendix A Section 2.1	Subpt. 1.A. Commission Approved Base Cost of Fuel
Appendix A Section 2.2	Subpt. 1.B. Billing Adjustment Amounts
Appendix A Section 2.3	Subpt. 1.D. Total Cost of Fuel Delivered to Customers
Appendix A Section 2.4	Subpt. 1.E. Revenue Collected from Customer for Energy Delivered
Appendix A Section 2.5	Subpt. 1.G. The Amount of Refunds
Additional Reporting I	Requirements
Appendix A Section 3	Passing MISO Day 2 Costs Through Fuel Clause Order in Docket No. E017/M-05-284
Appendix A Section 4	Southwest Power Pool (SPP) Energy Costs Docket No. E017/GR-15-1033
Appendix A Section 5	MN DOC's Review of 2005/2006 AAA Report Docket No. E,G999/AA-06-1208, Use of Virtual Transactions for Retail and Generation Maintenance Expenses
Appendix A Section 6	MNPUC Order Acting on Electric Utilities' Annual Reports and Requiring Additional Filings (Lessons Learned, Outages, Congestion and FTR, MISO Accredited UCAP Docket No. E999/AA-09-961 and E999/AA-10-884
Appendix A Section 7	MN OES's Review of 2006/2007 AAA Report – MISO Day 2 Charges Docket E,G999/AA-07-1130
Appendix A Section 8	Petition to Revise Cost of Energy Adjustment Tariff to Accommodate Purchased Energy from Renewable Resources Docket No. E017/M-03-970 and Wind Curtailment Summary Docket No. E,G999/AA-06- 1208
Appendix A Section 9	MN OES's Order Authorizing Ongoing Use of Fuel Clause Adjustment and Setting Reporting Requirements and Petition for Approval Revisions to Riders for Fuel Adjustment to Recover Costs and Pass through Related to MISO Ancillary Services Market Docket No. E017/M-08-528
Appendix A Section 10	MNPUC Order Acting on Electric Utilities' Annual Reports and Requiring Additional Filings in 2013/2014 AAA Reports (FTR,ARRs) Docket No. E999/AA-14-579
Appendix A Section 11	MNPUC Order Acting on Electric Utilities' Annual Reports and Setting Further Requirements – Contractors Docket No. E999/AA-08-995

Minn. R. 7825.2820 Annual Auditor's Report

Appendix B contains the Independent Accountants' Report for the period of January 1 to December 31, 2024.

Minn. R. 7825.2830 Annual Five-Year Projection

Otter Tail Power submitted its Five-Year Projection as part of its 2025 Forecasted FCA rates filing submitted May 1, 2024, in Docket No. E017/AA-24-65.

Minn. R. 7825.2830 Notice of Reports Availability

Appendix C contains the Notice of Reports Availability, Certificate of Service, and Service Lists.

VI. CONCLUSION

Otter Tail Power's fuel clause expenses were lower than forecasted for 2024 causing over-collections throughout 2024. Otter Tail Power proactively updated rates for July 2024 through June 2025 in response to materially different market conditions that arose in 2024. This response avoided an even higher over-collection balance at year end. Otter Tail Power's actual costs were reasonable and prudent for 2024 and are reflective of the changes that occurred in 2024, as described above, to meet Otter Tail Power's loads. Otter Tail Power respectfully requests approval of the proposed true-up balance reflected in this filing.

Otter Tail Power also seeks Commission approval of all reporting and compliance components of this annual automatic adjustment of charges report, as required by rules and prior Commission orders.

Dated: February 28, 2025

Respectfully submitted,

OTTER TAIL POWER COMPANY

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OTTER TAIL POWER COMPANY FUEL CLAUSE ADJUSTMENT FORECAST PETITION ATTACHMENTS

Attachment 1 Attachment 2 Attachment 3 Attachment 4 Attachment 5 Attachment 6 Attachment 7 Attachment 8 Attachment 9 Attachment 10 Attachment 11 Attachment 12 Attachment 13 Attachment 14 Attachment 15-18 Attachment 19 Attachment 20	True-Up for kWh Subject to Energy Adjustment Forecast to Actual by Category Forecast to Actual Detail by Month with Variance (Not Public) Energy Adjustment Rider Rate Schedule kWh Sales by Primary Energy Source Energy Costs by Primary Energy Source Monthly Cost Components by Fuel Type (Not Public) MISO Module E (Not Public) MISO Day 2 Charges – MN Share MISO Day 2 by Retail, Asset, NonAsset SPP Charges Generation Maintenance Expense Plant Forced Outage (Not Public) Wind Curtailment (Not Public) MISO ASM Charges Planning Resource Auction Revenues Hoot Lake Solar Revenue
Appendix A Appendix B Appendix C	Compliance Items (Not Public) Rule 7825.2820 Independent Auditor's Report Rule 7825.2830 Notice of Report Availability

Otter Tail Power Company True-Up for kWh Subject to Energy Adjustment Rider (EAR) Docket No. E017/AA-23-181 Annual True-Up Period of January 2024 through December 2024

Line No.		Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	2024 Total
1	Total System Sales (kWh)	568,627,800	536,426,943	485,103,013	506,391,362	437,136,566	405,118,314	446,971,768	455,798,056	450,170,185	406,143,181	450,405,129	509,842,218	5,658,134,533
2	Total System Energy Cost	\$18.104.555	\$11,219,580	\$6,330,101	\$2,934,271	\$7,897,939	\$7,659,170	\$9,828,818	\$7,554,937	\$3,686,953	\$6,450,961	\$8,431,061	\$16,615,665	\$106,714,012
	MN kWh Sales Subject to Energy Adjustment									1.,,				
3	Rider (EAR)	265,902,314	249,034,194	233,633,452	233,337,087	212,375,459	208,097,062	223,720,802	231,285,264	214,766,494	195,999,368	217,355,017	234,028,431	2,719,534,945
	2024 MN FCA Revenue (Line 14 - Line 13 - Line 11 -Line 9 -													
4	Line 7)	\$8,147,582	\$8,238,157	\$7,746,088	\$5,955,039	\$4,847,651	\$4,652,287	\$6,441,777	\$5,479,610	\$5,321,398	\$4,476,677	\$5,068,514	\$6,254,732	\$72,629,514
5														
6	2022 True Up Rate	\$0.003600	\$0.003600	\$0.003600	\$0.003600	\$0.003600	\$0.003600	\$0.003600	\$0.003600	\$0.000000	\$0.000000	\$0.000000	\$0.000000	
7	2022 True Up (Line 3 x Line 6)	\$957,248	\$896,523	\$841,080	\$840,014	\$764,552	\$749,149	\$805,395	\$832,627	\$0	\$0	\$0	\$0	\$6,686,588
8	2023 Supplemental Rate	(\$0.003275)	(\$0.003275)	(\$0.003275)	(\$0.003275)	(\$0.003275)	(\$0.003275)	(\$0.003275)	(\$0.003275)	\$0.000000	\$0.000000	\$0.000000	\$0.000000	
9	2023 Supplemental (Line 3 x Line 8)	(\$870,830)	(\$815,587)	(\$765,150)	(\$764,179)	(\$695,530)	(\$681,518)	(\$732,686)	(\$757,459)	\$0	\$0	\$0	\$0	(\$6,082,938)
10	2023 True Up Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	(\$0.0020)	(\$0.0020)	(\$0.0020)	(\$0.0020)	
11	2023 True Up (Line 3 x Line 10)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$429,533)	(\$391,999)	(\$434,710)	(\$468,057)	(\$1,724,299)
12	2024 Supplemental Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	(\$0.0091)	(\$0.0091)	(\$0.0091)	(\$0.0091)	(\$0.0091)	(\$0.0091)	
13	2024 Supplemental (Line 3 x Line 12)	\$0	\$0	\$0	\$0	\$0	\$0	(\$2,040,334)	(\$2,109,322)	(\$1,958,670)	(\$1,787,514)	(\$1,982,278)	(\$2,134,339)	(\$12,012,457)
14	MN FCA Revenue Collection	\$8,234,000	\$8,319,093	\$7,822,019	\$6,030,874	\$4,916,673	\$4,719,919	\$4,474,153	\$3,445,456	\$2,933,195	\$2,297,164	\$2,651,526	\$3,652,336	\$59,496,408
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	% Over/(Under) Recovery (10 / 3): % of MN sales (subject to FCA) to system (Line I Energy costs allocated to MN for sales subject to 2022 FCA Proceast / True Up (Docket No Approved True-up Amount - over/(under) collect	FCA (2): E017/AA-21-311)		-1.5109% 48.0642% \$51,291,196				(lotes		Cumulative Over/(Und Projected Cumulat /(Under) through 20 ler) through 2024 No Current Pro	Recovery for 2024 (Under) through 2022 er) through 2023 Supp tive Over/(Under) thro 24 May Supplemental wember Supplemental	True-Up Collected lemental Collected ugh 2023 True-Up Collected Revenue Projected Revenue I Scale Solar Credit r) to Customers	(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12)	\$ (550,939) \$ (115,808) \$ (12,012,457) \$ (9,929,116) \$ (2,423)
32 33	Approved True-up Amount - over/(under) collect Amount collected / (refunded) Augus 2023 through					\$	(9,411,883) 3 222 779 R	ate = \$0.003600						
34	Amount collected / (refunded) January 2024 thr			1,857,385,635 kV	Vh	\$	6,686,588	,						
35	Final Balance - over/(under) collection:					(4) \$	497,485							
	2023 FCA Forecast / Supplemental (Dock		14)				N	otes						
36 37	Approved Supplemental - over/(under) collection Amount collected / (refunded) Augus 2023 through				·	\$	8,463,833	ate = (\$0.003275)			·		·	
38	Amount collected / (refunded) January 2024 thr			1,857,385,635 kV	Vh	\$		atc = (\$0.0032/3)						
39	Supplemental Balance - over/(under) collection:					(5) \$								
	2023 FCA Forecast /True Up (Docket No	E017/AA-22-214)					N	otes						
40	Approved True-Up Amount - over/(under) colle	ection:				\$	5,202,634							
41 42	Amount collected/ (refunded) September 2024 t Forecasted Amount collected/(refunded) Januar			862,149,311 1,797,071,670 kV	νħ	\$ \$		ate = (\$0.002000)						
42	profecasion Amount conected/(refunded) Januar	ı y 2020 tiirouğii Atiğüst a	2023.	1,/9/,U/1,0/U KV	¥11	\$	(3,394,143)							

OTTER TAIL POWER COMPANY ELECTRIC UTILITY - STATE OF MINNESOTA COST OF ENERGY CALCULATION

(A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N)

									FOR	ECASTED COSTS						
Line No.			January-24	February-	24	March-24	April-24	May-24	June-24	July-24	August-24	September-24	October-24	November-24	December-24	Year End Total
1	Plant Generation	8	10.225.676	\$ 6.720	504 \$	4.060.823 \$	3.192.326 \$	3.624.718 \$	3.707.100 s	6.772.750 \$	6.840.569	\$ 3.193.336 \$	2.395.530	\$ 3,557,969	s 6.037.181 s	60.328.482
2	Wholesale Market Charges	s	(335,855)		728) \$	(28.469) \$	4,925	10.702 \$	(201,621) \$	(43,429) \$	(113.752)					(780,782)
3	Purchased Power	s	10.846.325	s 12.117		9.088.227 \$	7.258,704	6.484.680 \$	6.634.300 \$	5.592.004 \$	4,699,448	\$ 7,443,118 \$	7,860,212	\$ 9,594,738	s 10.859,327 s	98,478,855
4	Wind Curtailment	s	(6,830)		210) \$	(281) \$	19.182		54,958 \$	21,708 \$	(11,871)		32,929	\$ 8,135	s 8,081 s	119,370
5	Fuel costs of Asset-Based Sales	s	(1.142.004)		103) \$	(3.756) \$	(24,093) 8		(198,402) \$	(283,006) \$	(249,192)					(2,492,567)
6	MISO ASM	s	5,547	\$ (26	835) \$	(26,384) \$	(35,362) 8	(35,020) \$	(98.850) \$	(103.117) \$	(42,455)	\$ (74,633) \$	10.949	\$ 16.160	s 81,037 s	(328,963)
7	Asset-Based Margins	s	(1,254,157)	\$ (288	648) \$	(1,061) \$	(29,478) 8	(266,593) \$	(245,238) \$	(368,972) \$	(333,673)	\$ (79,840) \$	-	\$ -	\$ (85,219) \$	(2,952,879)
8	Hoot Lake Solar Generation Credit	s	(163,296)		169) \$	(336,039) \$	(339,658) 8	(355,973) \$	(366,972) \$	(504,407) \$	(389,885)		(190.142)	\$ (125,672)		(3,515,483)
9	Steam Plant Reagents	s	276,199	\$ 304	538 \$	197,180 \$	129,375	139,940 \$	147,473 \$	256,494 \$	280,160	\$ 128,682 \$	86,782	\$ 160,328	\$ 297,516 \$	2,404,668
10	Steam and Water Sales: Net Margin	s	(110,642)	\$ (105	852) \$	(111,473) \$	(81,616)	(86,237) \$	(87,748) \$	(122,003) \$	(120,241)	\$ (83,507) \$	(55,656)	\$ (108,392)	\$ (110,642) \$	(1,184,010)
11	MISO Planning Resource Auction Results	s	-	\$	- \$	- \$	- 8	- \$	- \$	- \$	-	\$ - \$		\$ -	s - s	-
12	· ·															
13	Fuel Costs and Purchase Power for System Use	\$	18,340,962	\$ 18,123.	269 \$	12,838,768 \$	10,094,306	9,314,380 \$	9,344,999 \$	11,218,022 \$	10,559,110	\$ 10,101,212 \$	10,126,798	\$ 13,113,367	\$ 16,901,500 \$	150,076,693
14	•		-		- '			-	-		-					
15																
16	Energy for System Use (kWh)		573,540,297	528,036	003	499,601,400	448,888,320	423,410,563	420,242,012	454,864,793	446,078,431	428,875,037	450,028,798	509,259,000	567,399,777	5,750,224,431
17																
18																
19	Approved Forecast Cost per kWh	\$	0.031980	\$ 0.034	320 \$	0.025700 \$	0.022490	0.022000 \$	0.022240 \$	0.024660 \$	0.023670	\$ 0.023550 \$	0.022500	\$ 0.025750	\$ 0.029790 \$	0.026099
20																
21	2022 True-up Rate	\$	0.003600	\$ 0.00	600 \$	0.003600 \$	0.003600	0.003600 \$	0.003600 \$	0.003600 \$	0.003600	\$ - \$	-	\$ -	\$ -	
22	2023 Provisional Refund Rate	\$	(0.003275)	\$ (0.00)	275) \$	(0.003275) \$	(0.003275)	(0.003275) \$	(0.003275) \$	(0.003275) \$	(0.003275)	\$ - \$	-	\$ -	\$ -	
23	2023 True-up Rate	\$	-	\$ -	\$	- \$	- \$	- \$	- \$	- \$	-	\$ (0.002000) \$	(0.002000)	\$ (0.002000)	\$ (0.002000)	
24	2024 Provisional Refund Rate	\$	-	\$ -	\$	- \$	- \$	- \$	- \$	(0.009120) \$	(0.009120)	\$ (0.009120) \$	(0.009120)	\$ (0.009120)	\$ (0.009120)	
25	EAR Rate With Approved True Up and Refunds	ŝ	0.032305	\$ 0.034	645 \$	0.026025 \$	0.022815	0.022325 \$	0.022565 \$	0.015865 \$	0.014875	\$ 0.012430 \$	0.011380	s 0.014630	\$ 0.018670	

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)

		ACTUAL COSTS												
Line No.		January-24	February-24	March-24	April-24	May-24	June-24	July-24	August-24	September-24	October-24	November-24	December-24	Year End Total
1 Plant Generation	s	8,496,459	\$ 4,687,284 8	4,509,933 \$	3,180,141 \$	4,231,537 \$	4,912,531 \$	7,028,943 \$	4,928,979	\$ 3,033,160 \$	3,558,759	5,309,619	\$ 7,067,821	\$ 60,945,16
2 Wholesale Market Charges	s	(274,820)	\$ (1,354,889) 8	(2,461,711) \$	(3,238,419) \$	(2,051,005) \$	(2,386,660) \$	(4,941,010) \$	(414,495)	\$ (3,232,442) \$	(4,192,248) 8	(2,519,222)	\$ 433,503	\$ (26,633,41
3 Purchased Power	\$	11,694,672	\$ 8,939,293 8	5,027,560 \$	3,939,219 \$	6,695,670 \$	5,032,062 \$	4,248,902 \$	4,195,619	\$ 5,168,660 \$	7,694,399	6,125,501	\$ 10,809,935	\$ 79,571,49
4 Wind Curtailment	\$	11,396	\$ (3,328) 8	11,369 \$	432 \$	33,857 \$	25,705 \$	17,237 \$	(18,206)	\$ 11,240 \$	69,779	(8,732)	\$ 28,432	\$ 179,18
5 Fuel costs of Asset-Based Sales	\$	(1,557,018)	\$ (497,406) \$	(475,865) \$	(676,227) \$	(613,855) \$	441,991 \$	4,350,809 \$	(634,630)	\$ (544,622) \$	(349,128)	(414,750)	\$ (1,188,586)	\$ (2,159,28
6 MISO ASM	\$	(214,381)	\$ (35,020) 8	(40,767) \$	(122,297) \$	(120,294) \$	(132,045) \$	(114,587) \$	(102,999)	\$ (255,541) \$	(29,766) 8	(80,683)	\$ (152,627)	\$ (1,401,00
7 Asset Based Margins	\$	(132,067)	\$ (465,468) 8	(138,507) \$	142,351 \$	(126,365) \$	(151,115) \$	(557,132) \$	(317,361)	\$ (203,080) \$	(123,961) 8	(66,766)	\$ (629,525)	\$ (2,768,99
8 Hoot Lake Solar Generation Credit	\$	(79,233)	\$ (123,192) 8	(147,456) \$	(313,019) \$	(177,957) \$	(206,340) \$	(430,639) \$	(284,937)	\$ (308,340) \$	(225,744) 8	(77,234)	\$ (62,788)	\$ (2,436,87
9 Steam Plant Reagents	\$	287,288	\$ 163,636 \$	171,041 \$	135,530 \$	151,899 \$	243,998 \$	350,173 \$	319,689	\$ 167,058 \$	186,213	321,582	\$ 437,802	\$ 2,935,90
10 Steam and Water Sales: Net Margin	\$	(114,292)	\$ (91,307) 8	(93,315) \$	(64,371) \$	(81,777) \$	(93,041) \$	(90,919) \$	(91,791)	\$ (84,241) \$	(54,314) 8	(82,564)	\$ (104,812)	\$ (1,046,74
11 MISO Planning Resource Auction Results	\$	(13,450)	\$ (23) 8	(32,179) \$	(49,068) \$	(43,772) \$	(27,916) \$	(32,960) \$	(24,930)	\$ (64,899) \$	(83,029)	(75,690)	\$ (23,490)	\$ (471,40
12 13 Fuel Costs and Purchase Power for System Use	\$	18,104,555	\$ 11,219,580	8 6,330,101 \$	2,934,271 \$	7,897,939 \$	7,659,170 \$	9,828,818 \$	7,554,937	\$ 3,686,953	6,450,961	\$ 8,431,061	\$ 16,615,665	\$ 106,714,01
14		-	-	-	-	-	-	-	-	-	-	-	-	
16 Energy for System Use (kWh) 17		568,627,800	536,426,943	485,103,013	506,391,362	437,136,566	405,118,314	446,971,768	455,798,056	450,170,185	406,143,181	450,405,129	509,842,218	5,658,134,53
18 2022 True-up Rate	\$	0.003600	\$ 0.003600 8	0.003600 \$	0.003600 \$	0.003600 \$	0.003600 \$	0.003600 \$	0.003600	s - s	- 8	-	s -	
19 2023 Provisional Refund Rate	\$	(0.003275)	\$ (0.003275) \$	(0.003275) \$	(0.003275) \$	(0.003275) \$	(0.003275) \$	(0.003275) \$	(0.003275)	\$ - \$	- 8	-	\$ -	
20 2023 True-up Rate	\$	-	\$ - 5	\$	- \$	- \$	- \$	- \$	-	\$ (0.002000) \$	(0.002000) 8	(0.002000)	\$ (0.002000)	
21 2024 Provisional Refund Rate	\$	-	\$ - 5	\$	- \$	- \$	- \$	(0.009120) \$	(0.009120)	\$ (0.009120) \$	(0.009120)	(0.009120)	\$ (0.009120)	
22 Actual Cost per kWh	\$	0.032304	\$ 0.034647	8 0.026023 \$	0.022813 \$	0.022324 \$	0.022563 \$	0.015865 \$	0.014875	\$ 0.012430 \$	0.011380	\$ 0.014630	\$ 0.018670	\$ 0.01886

⁽¹⁾ Includes PPAs, shared loads, Bilateral purchases, MISO and SPP Market purchases

				nuary 2024	Janu	uary 2024	Actual - Exp	ense	(Kevenue)	
Line	Plant G	Generation	F	orecast		Actual				Notes
1 2		Big Stone								
3		Coyote Hoot Lake #2	‡							Hoot Lake plant closed in May 2021
- 4 - 5		Hoot Lake #3					PRO	TECT	ED DATA ENDS]	
6 7		Total Coal	\$ [PROT	5,384,923 ECTED DATA	\$ BEGIN	5,081,961 IS	\$ (302.	962)	-5.63%	
8 9		Langdon Wind Ashtabula Wind	F							
10		Luverne Wind Merricourt	‡							
12					_			TECT	ED DATA ENDS]	
13 14		Total Wind			\$	-	\$		0	
15 16		Total Hydro		- TECTED DATA	\$ BEGIN	- IS	\$	-	0	
17 18		Jamestown 1 Jamestown 2	-				ı		-	
19 20		Lake Preston		-			PRO	FECT	ED DATA ENDS	
21		Total Oil - Peaking Units				22,379		219)		
22		Natural gas - Solway	IFKOI	ECTED DATA	BEGIN	i3	l		' -	
24 25		Natural gas - Astoria							ED DATA ENDS]	
26 27		Total Natural Gas		4,477,155 ECTED DATA		3,392,118 IS	\$ (1,085	037)	-24.23%	
28 29		Solar - Blue Jay Solar - Blue Heron	+							
30 31		Solar - Hoot Lake	Ι				PRO	FCT	ED DATA ENDS	
32		Total Solar	\$		\$	-	\$	-	0	
33 34		Total OTP-Owned	\$	10,225,676	\$	8,496,458	\$ (1,729	218)	-16.91%	
35 36	Wholes	sale Market Charges								
37 38	555.02	MISO Wholesale Market Charges DA Asset Energy Amount***	\$		\$		\$		0	Energy Amounts - included/embedded within Market Purchases
39 40		DA FBT Loss Amount DA Non-asset Energy Amount***	\$		\$		\$	-	0	Energy Amounts - included/embedded within Market Purchases
41	555.19	RT Asset Energy Amount*** RT Distribution of Losses Amount	\$		\$		\$	- 919)	0	Energy Amounts - included/embedded within Market Purchases
43		RT FBT Loss Amount DA Loss Amount	\$		\$	1,475,337	\$	-	0 41 11%	
45	555.00	RT Loss Amount	\$	59,822	\$	102,795	\$ 42	973	71.84%	
46 47	555.08	RT Non-Asset Energy Amount*** DA Losses Rebate on Option B GFA	\$		\$		\$	-	0	
48 49	555.32	DA Virtual Energy Amount RT Virtual Energy Amount	\$	-	\$	-		-	0	
50 51		DA Mkt Admin Amount RT Mkt Admin Amount	\$	82,466 8,952		63,181 7,882		284) 070)		Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
52	555.13	FTR Mkt Admin Amount DA FBT Congestion Amount	\$	1,906	\$	1,094		812)	-42.61%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
53 54 55		DA Congestion RT FBT Congestion Amount	\$	3,028,672		1,988,058		613)	-34.36%	
56		RT Congestion	\$	331,138	\$	313,804	\$ (17.	335)	-5.23%	
57 58	555.15	FTR Hourly Allocation Amount FTR Monthly Allocation Amount	\$	(3,661,916) (89,668)	\$	(2,508,049) (70,600)		068	-31.51% -21.27%	
59 60	555.35	FTR Yearly Allocation Amount FTR Monthly Transaction Amount	\$	(296,474)	\$	(562,661)		187) -	0	
61 62	555.36 555.37	FTR Full Funding Guarantee Amount FTR Guarantee Uplift Amount	\$	337,989 (361,413)	\$	369,507 (423,111)	\$ 31. \$ (61.	518 698)	9.33% 17.07%	
63 64	555.39	FTR Auction Revenue Rights Transaction Amount FTR Annual Transaction Amount	\$	(4,483,052) 4,480,382		(3,620,020)		032	-19.25% -25.84%	
65 66	555.40	FTR Auction Revenue Rights Infeasible Uplift Amount FTR Auction Revenue Rights Stage 2 Distribution Amount	\$	8,285 (87,458)	\$	8,060 (207,942)	\$ (226)	-2.72%	
67	555.07	DA Congestion Rebate on Option B GFA	\$	-	\$	-	\$	-	0	
68 69	555.11	DA Revenue Sufficiency Guarantee Distribution Amount DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$		\$	18,047	\$	096	20.71%	
70 71	555.30	RT Revenue Sufficiency Guarantee First Pass Distribution Amount RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$	53,082 (229,119)	\$	9,587	\$ 229	495) 119	-81.94% -100.00%	
72 73	555.42 555.28	RT Price Volatility Make Whole Payment RT Revenue Neutrality Uplift Amount	\$	(55,542) 117,809	\$	(36,873) 211,984		669 175	-33.61% 79.94%	
74 75	555.25	RT Misc Amount RT Net Inadvertent Amount	\$	6,775 170		1,668	\$ (6. \$ 1.	775) 499	-100.00% 882.40%	
76 77	555.31	RT Uninstructed Deviation Amount RT Demand Response Allocation Uplift Amount	s	10.781	\$	578	#VA		0	
78 79	555.63	DA Ramp Product	\$	(1,752)	\$	(549) 63	\$ 1	203) 203 632	-68.68% -111.16%	
80	555.65	RT Ramp Product RT Schedule 49 Cost Distribution Amount	\$	14,974	\$	28,219	\$ 13	245	88.45%	
81 82	555.56	RT ASM Non-Excessive Energy Amount*** RT ASM Excessive Energy Amount***	\$	-	\$		\$:	0	Energy Amounts - included/embedded within Market Purchases Energy Amounts - included/embedded within Market Purchases
83 84	555.06	DA Congestion Rebate on COGA DA Losses Rebate on COGA	\$	-	\$		\$:	0	
85 86	555.22 555.23	RT Congestion Rebate on COGA RT Loss Rebate on COGA	\$	-	\$	- :	\$:	0	
87 88		Net Congestion and Losses Adjustment & No DA Generation Schedule	\$	-	\$	30,614	\$ 30.	614	0	
89 90		Total MISO Wholesale Market Charges	\$	(170,051)	\$	(75,105)	\$ 94	946	-55.83%	Total Excludes Schedule 16 and 17 (Lines 40, 41, 42 Above)
91	EEE 40	SPP Wholesale Market Charges DA Asset Energy Amount***	e		ę		ę			Energy Amounts - included/ambedded within Market Purchases
92 93	555.03	DA Non-asset Energy Amount	\$	-	\$		\$	-	0	Energy Amounts - included/embedded within Market Purchases
94 95	555.00	RT Non-Asset Energy Amount	\$	-			\$:	0	
96 97	555.02 555.10	DA Make-Whole-Payment Distribution Amount RT Make-Whole-Payment Distribution Amount	\$	1,109		(6)	\$ (1,	- 114)	-100.53%	
98	555.18	RT Revenue Sufficiency Guarantee Distribution Amount RT Revenue Neutrality Uplift Distribution Amount	\$	248	\$	- 2	\$	245)	-99.10%	
100	555.04	DA Regulation-Down Distribution Amount DA Regulation-Up Distribution Amount	\$	16 62	\$	(0)	\$	(17) (62)	-100.61%	
102	555.06	DA Spinning Reserve Distribution Amount	\$	74	\$	(0)	\$	(75)	-100.42%	
103	555.08	DA Supplemental Reserve Distribution Amount RT Contingency Reserve Deployment Failure Amount	\$	(2)	\$		\$	2	-100.00%	
105 106	555.12	RT Over-Collected Losses Distribution Amount RT Regulation-Down Distribution Amount	\$	(36,611)	\$	(31,300)	\$	(3)	-100.00%	
107 108	555.13 555.14	RT Regulation Non-Performance Distribution Amount RT Regulation-Up Distribution Amount	\$	(2)	\$	-	\$	3	-100.00% -100.00%	
109 110	555.16	RT Spinning Reserve Distribution Amount RT Supplemental Reserve Distribution Amount	\$	(1) (3)	\$		\$	1	-100.00%	
111	555.20	RT Pseudo Tie Congestion Amount RT Pseudo Tie Loss Amount	\$	(106,099) (24,741)	\$	85,595 36,730	\$ 191.	694 471	-180.67%	
113 114	555.23	Miscellaneous Amount ARR Closeout Yearly Amount	\$	(3)	\$	-	\$ 61.	3		
115	555.28	RT Demand Reduction Distribution Amount	\$	- 0	\$	-	\$	(0)	-100.00%	
116 117	555.30	RT Schedule 1A3 Amount RT Schedule 1A4 Amount	\$	7 37	\$	(0)	S	(8)	-101.56%	
118 119	555.32	DA Ramp Up Distribution Amount DA Ramp Down Distribution Amount	\$	74	\$	(0)	\$	(74) -	0	New charge type in 2022 New charge type in 2022
120 121	555.33	RT Ramp Non Performance Distribution Amount RT Ramp Up Distribution Amount	\$	(1) (5)			\$	1 5	-100.00%	New charge type in 2022 New charge type in 2022
122	555.35	RT Ramp Down Distribution Amount	\$		\$		\$	734)	0	New charge type in 2022 New charge type in 2024
120	300.30		. *		Ψ	(=00,104)	· \200.	. 57)		The state of the s

124		RtURDDistAoAmt	\$		\$		\$	-		New charge type in 2024
125		DA GFA Carve Out Distribution Deployment Daily Amount	\$	28		(0)		(28)	-100.54%	
126		DA GFA Carve Out Distribution Deployment Monthly Amount	\$	0		-	\$	(0)	-100.00%	
127	555.27	DA GFA Carve Out Distribution Deployment Yearly Amount	\$		\$		\$		0	
128		Total SPP Wholesale Market Charges	\$	(165,804)	\$	(199,715)	\$	(33,911)	20.45%	
129										
130		MISO ASM								
131		Day Ahead Regulation Amount	\$	(14,719)		(23,656)		(8,937)	60.71%	
132		Real Time Regulation Amount	\$	110		(23,734)		(23,845)	-21583.76%	
133		Regulation Cost Distribution Amount	\$	21,471		11,468		(10,003)	-46.59%	
134		Day Ahead Short-Term Reserve Amount	\$	(15,209)		(238,708)		(223,499)	1469.52%	
135		Real Time Short-Term Reserve Amount	\$	(1,004)		1,883		2,888	-287.49%	
136		Short-Term Reserve Cost Distribution Amount	\$	11,085		72,971		61,886	558.30%	
137		Day Ahead Spinning Reserve Amount	\$	(18,611)		(3,977)		14,633	-78.63%	
138		Real Time Spinning Reserve Amount	\$	3,153		(4,777)		(7,931)	-251.49%	
139		Spinning Reserve Cost Distribution Amount	\$	15,954	\$	14,463		(1,492)	-9.35%	
140		Day Ahead Supplemental Reserve Amount	\$	(10,721)		(28,429)		(17,708)	165.17%	
141		Real Time Supplemental Reserve Amount	\$	5,085		5,034		(51)	-1.00%	
142		Supplemental Reserve Cost Distribution Amount	\$	2,602		2,434		(168)	-6.45%	
143		Contingency Reserve Deployment Failure Charge Amount	\$	3,407		-	\$	(3,407)	-100.00%	
144		Real Time Excessive Deficient Energy Deployment Charge Amount	\$	1,927	\$	1,813		(115)	-5.95%	
145		Short-Term Reserve Deployment Failure Charge Amount	\$	-	\$	-	\$	-	0	
146	555.49	Net Regulation Adjustment Amount	\$			(1,165)		(2,180)	-214.68%	
147		Total MISO ASM	\$	5,547	\$	(214,381)	\$	(219,927)	-3965.07%	
148										
149		Total Wholesale Market Charges	\$	(330,308)	\$	(489,201)	\$	(158,892)	48.10%	
150										
151										
152	Durcho	sed Power								
	Fulcila	seu rowei								
153	Fulcila		[PRO	TECTED DATA	A BE	GINS				
153 154	Fuicila	Edgeley PPA	[PRO	TECTED DATA	A BE	GINS	-			
153 154 155	Furcila	Edgeley PPA Langdon PPA	[PRO	TECTED DATA	A BE	GINS				
153 154 155 156	Fulcila	Edgeley PPA Langdon PPA Ashtabula III PPA	[PRO	TECTED DATA	A BE	GINS				
153 154 155 156 157	Pulcila	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA)	[PRO	TECTED DATA	A BE	GINS	-			Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158	ruiciia	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance	[PRO	TECTED DATA	A BE	GINS	-			Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158 159	ruicha	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads	[PRO	TECTED DATA	A BE	GINS				Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158 159 160	Fulcila	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen	[PRO	TECTED DATA	A BE	GINS				Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158 159 160	rucia	Edgeley PPA Langdon PPA Ashtabula II PPA Tirbal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Balteral purchases	[PRO	TECTED DATA	A BE	GINS	-			
153 154 155 156 157 158 159 160 161	rucia	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen	[PRO	TECTED DATA	A BE	GINS	-			Not Applicable to EAR - Excluded from Total MISO and SPP Energy
153 154 155 156 157 158 159 160 161 162 163	rucia	Edgeley PPA Langdon PFA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Blatteral purchases Market Purchases			·				ED DATA ENDS]	MISO and SPP Energy
153 154 155 156 157 158 159 160 161 162 163 164	ruicia	Edgeley PPA Langdon PPA Ashtabula II PPA Tirbal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Balteral purchases		10,846,325	·	GINS 11,694,672	\$	PROTECT 848,348		
153 154 155 156 157 158 159 160 161 162 163 164		Edgeley PPA Langdon PPA Ashtabula III PPA Tirbal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases	\$	10,846,325	\$	11,694,672		848,348	7.82%	MISO and SPP Energy
153 154 155 156 157 158 159 160 161 162 163 164 165 166		Edgeley PPA Langdon PFA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Blatteral purchases Market Purchases			\$					MISO and SPP Energy
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167	Wind C	Edgeley PPA Langdon PPA Achtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtalliment	\$	10,846,325	\$	11,694,672	\$	848,348 18,226	7.82%	MISO and SPP Energy Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Enerry Imbalance Shared Loads Shared Loads Shall Co-gen Bilateral purchases Market Purchases Total Purchases urtailment assed Sales	\$	10,846,325 (6,830) (2,396,161)	\$ \$	11,694,672 11,396 (1,689,086)	\$	848,348 18,226 707,076	7.82% -266.87% -29.51%	MISO and SPP Energy
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Ferrary Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment sased Sales Fuel Costs	\$	10,846,325 (6,830) (2,396,161) (1,142,004)	\$ \$	11,694,672 11,396 (1,689,086) (1,512,905)	\$ \$ \$	848,348 18,226 707,076 (370,901)	7.82% -266.87% -29.51% 32.48%	MISO and SPP Energy Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Enerry Imbalance Shared Loads Shared Loads Shall Co-gen Bilateral purchases Market Purchases Total Purchases urtailment assed Sales	\$	10,846,325 (6,830) (2,396,161)	\$ \$	11,694,672 11,396 (1,689,086)	\$ \$ \$	848,348 18,226 707,076	7.82% -266.87% -29.51%	MISO and SPP Energy Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins	\$ \$ \$ \$	10,846,325 (6,830) (2,396,161) (1,142,004) (1,254,157)	\$ \$ \$ \$	11,694,672 11,396 (1,689,086) (1,512,905) (176,181)	\$ \$ \$	848,348 18,226 707,076 (370,901) 1,077,976	7.82% -266.87% -29.51% 32.48% -85.95%	MISO and SPP Energy Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Ferrary Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment sased Sales Fuel Costs	\$	10,846,325 (6,830) (2,396,161) (1,142,004)	\$ \$ \$ \$	11,694,672 11,396 (1,689,086) (1,512,905)	\$ \$ \$	848,348 18,226 707,076 (370,901)	7.82% -266.87% -29.51% 32.48% -85.95%	MISO and SPP Energy Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 170 171 172 173	Wind C Asset E	Edoeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Shatea'a purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins ake Solar Generation Credit	\$ \$ \$ \$ \$	10,846,325 (6,830) (2,396,161) (1,142,004) (1,254,157) (163,296)	\$ \$ \$ \$ \$ \$ \$ \$	11,694,672 11,396 (1,689,086) (1,512,905) (176,181) (79,233)	\$ \$ \$ \$	848,348 18,226 707,076 (370,901) 1,077,976 84,064	7.82% -266.87% -29.51% 32.48% -85.95% \$ (1)	MISO and SPP Energy Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174	Wind C Asset E	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins	\$ \$ \$ \$	10,846,325 (6,830) (2,396,161) (1,142,004) (1,254,157)	\$ \$ \$ \$ \$ \$ \$ \$	11,694,672 11,396 (1,689,086) (1,512,905) (176,181)	\$ \$ \$ \$	848,348 18,226 707,076 (370,901) 1,077,976	7.82% -266.87% -29.51% 32.48% -85.95% \$ (1)	MISO and SPP Energy Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 170 171 172 173 174 175	Wind C Asset E Hoot L	Edoeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Shared Loads Small Co-gen Shateral purchases Market Purchases Waret Purchases Urtallment Sased Sales Fuel Costs Asset Based Margins sake Solar Generation Credit Plant Reagents	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,846,325 (6,830) (2,396,161) (1,142,004) (1,254,157) (163,296) 276,199	\$ \$ \$ \$ \$	11,694,672 11,396 (1,689,086) (1,512,905) (176,181) (79,233) 287,288	\$ \$ \$ \$	848,348 18,226 707,076 (370,901) 1,077,976 84,064 11,090	7.82% -266.87% -29.51% 32.48% -85.95% \$ (1)	MISO and SPP Energy Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175	Wind C Asset E Hoot L	Edoeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Shatea'a purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins ake Solar Generation Credit	\$ \$ \$ \$ \$	10,846,325 (6,830) (2,396,161) (1,142,004) (1,254,157) (163,296)	\$ \$ \$ \$ \$	11,694,672 11,396 (1,689,086) (1,512,905) (176,181) (79,233)	\$ \$ \$ \$	848,348 18,226 707,076 (370,901) 1,077,976 84,064	7.82% -266.87% -29.51% 32.48% -85.95% \$ (1)	MISO and SPP Energy Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023
153 154 155 155 156 157 158 159 160 161 162 163 164 165 166 167 171 172 173 174 175 176	Wind C Asset E Hoot L Steam	Edoeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Shared Loads Small Co-gen Shated Purchases Market Purchases Water Sales Total Purchases Total Purchases Fuel Costs Asset Based Margins ake Solar Generation Credit Plant Reagents Water Sales Water Sales Water Sales Water Sales	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,846,325 (6,830) (2,396,161) (1,142,004) (1,254,157) (163,296) 276,199 (110,642)	\$ \$ \$ \$ \$	11,694,672 11,396 (1,689,086) (1,512,905) (176,181) (79,233) 287,288 (114,292)	\$ \$ \$ \$ \$	848,348 18,226 707,076 (370,901) 1,077,976 84,064 11,090 (3,650)	7.82% -266.87% -29.51% 32.48% -85.95% \$ (1) \$ 0	MISO and SPP Energy Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176	Wind C Asset E Hoot L Steam	Edoeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Shared Loads Small Co-gen Shateral purchases Market Purchases Waret Purchases Urtallment Sased Sales Fuel Costs Asset Based Margins sake Solar Generation Credit Plant Reagents	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,846,325 (6,830) (2,396,161) (1,142,004) (1,254,157) (163,296) 276,199 (110,642)	\$ \$ \$ \$ \$	11,694,672 11,396 (1,689,086) (1,512,905) (176,181) (79,233) 287,288	\$ \$ \$ \$ \$	848,348 18,226 707,076 (370,901) 1,077,976 84,064 11,090	7.82% -266.87% -29.51% 32.48% -85.95% \$ (1) \$ 0	MISO and SPP Energy Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178	Wind C Asset E Hoot L Steam Steam/	Edaeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Enerry Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment Based Sales Fuel Costs Asset Based Margins sake Solar Generation Credit Plant Reagents Water Sales g Resource Auction Revenues	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,846,325 (6,830) (2,396,161) (1,142,004) (1,254,157) (163,296) 276,199	\$ \$ \$ \$ \$	11,694,672 11,396 (1,688,086) (1,512,905) (176,181) (79,233) 287,288 (114,292) (13,450)	\$ \$ \$ \$ \$	848,348 18,226 707,076 (370,901) 1,077,976 84,064 11,090 (3,650)	7.82% -266.87% -226.87% -29.51% -32.48% -85.95% \$ (1) \$ 0	MISO and SPP Energy Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177	Wind C Asset E Hoot L Steam Steam/	Edoeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Shared Loads Small Co-gen Shated Purchases Market Purchases Water Sales Total Purchases Total Purchases Fuel Costs Asset Based Margins ake Solar Generation Credit Plant Reagents Water Sales Water Sales Water Sales Water Sales	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,846,325 (6,830) (2,396,161) (1,142,004) (1,254,157) (163,296) 276,199 (110,642)	\$ \$ \$ \$ \$	11,694,672 11,396 (1,689,086) (1,512,905) (176,181) (79,233) 287,288 (114,292)	\$ \$ \$ \$ \$	848,348 18,226 707,076 (370,901) 1,077,976 84,064 11,090 (3,650)	7.82% -266.87% -226.87% -29.51% -32.48% -85.95% \$ (1) \$ 0	MISO and SPP Energy Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719

^{***} These energy related charge types are reported in Market Purchases

			January 2024 January 2024	Forecast to Actual - January 2024	MWH	
			Forecast	Actual		Notes
Line 1		eneration Big Stone	[PROTECTED DATA	A BEGINS		
2		Coyote		-		Walter Divide It Manager
3 4		Hoot Lake #2 Hoot Lake #3				Hoot Lake Plant Closed in May 2021
5 6		Total Coal	P 207,768	PROTECTED DATA E 217,408	NDS]	
7		Langdon Wind	PROTECTED DAT			
8 9		Ashtabula Wind	_			
10 11		Ashtabula III Luverne Wind	_	-		
12		Merricourt				
13 14		Total Wind and Solar	F 120,676	ROTECTED DATA E 83,268		
15 16		Total Hydro	1,699	1,221		
17			[PROTECTED DAT	A BEGINS		
18 19		Jamestown 1 Jamestown 2	_			
20		Lake Preston	Р	ROTECTED DATA E	NDS]	
22 23		Total Oil - Peaking Units	1,680 [PROTECTED DAT	-		
24		Natural gas - Solway		A DECINO		
25 26		Natural gas - Astoria	Р	ROTECTED DATA E	NDS]	
27 28		Total Natural Gas	106,685 [PROTECTED DAT	86,314		
29		Solar - Blue Jay	_	-		
30 31		Solar - Blue Heron Solar - Hoot Lake				
32 33		Solar - Red Lake Falls Area SB Solar Solar - Karlstad Area SB	_	=		
34		Solar - Crookston Area SB	_	ROTECTED DATA E	NDer	
35 36		Total Solar	F 2,957		ופחויו	
37 38		Total OTP-Owned	441,465	390,089		
39 40	Wholes	sale Market Charges				
41		MISO Wholesale Market Charges	***			
42	555.04	DA Asset Energy Amount*** DA FBT Loss Amount	N/A N/A	N/A N/A		
44 45	555.09	DA Non-asset Energy Amount*** RT Asset Energy Amount***	N/A N/A	N/A N/A	\vdash	
46	555.24	RT Distribution of Losses Amount	N/A	N/A		
47 48		RT FBT Loss Amount DA Loss Amount	N/A N/A			
49 50		RT Loss Amount RT Non-Asset Energy Amount***	N/A N/A	N/A N/A	<u> </u>	
51 52	555.08	DA Losses Rebate on Option B GFA DA Virtual Energy Amount	N/A N/A	N/A N/A		
53	555.32	RT Virtual Energy Amount	N/A	N/A		
54 55	555.18	DA Mkt Admin Amount RT Mkt Admin Amount	N/A N/A		L	
56 57	555.13	FTR Mkt Admin Amount DA FBT Congestion Amount	N/A N/A	N/A N/A		
58		DA Congestion	N/A	N/A		
59 60		RT FBT Congestion Amount RT Congestion	N/A N/A	N/A N/A		
61 62	555.14	FTR Hourly Allocation Amount FTR Monthly Allocation Amount	N/A N/A	N/A N/A		
63	555.17	FTR Yearly Allocation Amount	N/A	N/A		
64 65	555.36	FTR Monthly Transaction Amount FTR Full Funding Guarantee Amount	N/A N/A	N/A N/A		
66 67		FTR Guarantee Uplift Amount FTR Auction Revenue Rights Transaction Amount	N/A N/A	N/A N/A		
68	555.38	FTR Annual Transaction Amount	N/A N/A	N/A N/A		
69 70	555.41	FTR Auction Revenue Rights Infeasible Uplift Amount FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A		
71 72	555.07 555.1	DA Congestion Rebate on Option B GFA DA Revenue Sufficiency Guarantee Distribution Amount	N/A N/A	N/A N/A		
73 74	555.11	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount RT Revenue Sufficiency Guarantee First Pass Distribution Amount	N/A N/A	N/A N/A		
75	555.3	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A		
76 77	555.28	RT Price Volatility Make Whole Payment RT Revenue Neutrality Uplift Amount	N/A N/A	N/A N/A		
78 79	555.25	RT Misc Amount RT Net Inadvertent Amount	N/A N/A	N/A N/A		
80	555.31	RT Uninstructed Deviation Amount	N/A	N/A		
81 82	555.63	RT Demand Response Allocation Uplift Amount DA Ramp Product	N/A N/A	N/A		
83 84	555.64 555.65	RT Ramp Product RT Schedule 49 Cost Distribution Amount	N/A N/A	N/A N/A	<u> </u>	
85 86	555.55	RT ASM Non-Excessive Energy Amount*** RT ASM Excessive Energy Amount***	N/A N/A	N/A N/A		
87	555.05	DA Congestion Rebate on COGA	N/A	N/A		
88 89	555.22	DA Losses Rebate on COGA RT Congestion Rebate on COGA	N/A N/A	N/A		
90 91		RT Loss Rebate on COGA Net Congestion and Losses Adjustment & No DA Generation Schedule	N/A N/A	N/A N/A		
92			INA	IN/A		
93 94		Total MISO Wholesale Market Charges				
95 96	555 19	SPP Wholesale Market Charges DA Asset Energy Amount***	N/A	N/A	F	
97	555.03	DA Non-asset Energy Amount	N/A	N/A		
98 99	555	RT Asset Energy Amount*** RT Non-Asset Energy Amount	N/A N/A	N/A N/A		
100 101	555.02	DA Make-Whole-Payment Distribution Amount RT Make-Whole-Payment Distribution Amount	N/A N/A	N/A N/A	<u> </u>	
102	555.18	RT Revenue Sufficiency Guarantee Distribution Amount RT Revenue Neutrality Uplift Distribution Amount	N/A N/A	N/A N/A		
104	555.04	DA Regulation-Down Distribution Amount	N/A	N/A		
105 106	555.06	DA Regulation-Up Distribution Amount DA Spinning Reserve Distribution Amount	N/A N/A	N/A N/A	L	
107 108	555.07	DA Supplemental Reserve Distribution Amount RT Contingency Reserve Deployment Failure Amount	N/A N/A	N/A N/A		
109	555.11	RT Over-Collected Losses Distribution Amount	N/A	N/A		
110 111	555.13	RT Regulation-Down Distribution Amount RT Regulation Non-Performance Distribution Amount	N/A N/A	N/A N/A		
112 113	555.14	RT Regulation-Up Distribution Amount RT Spinning Reserve Distribution Amount	N/A N/A	N/A N/A		
114	555.17	RT Supplemental Reserve Distribution Amount	N/A	N/A		
115 116	555.21	RT Pseudo Tie Congestion Amount RT Pseudo Tie Loss Amount	N/A N/A	N/A N/A		
117 118	555.23	Miscellaneous Amount ARR Closeout Yearly Amount	N/A N/A	N/A N/A	H	
119	555.28	RT Demand Reduction Distribution Amount	N/A N/A	N/A N/A		
120 121	555.30	RT Schedule 1A3 Amount RT Schedule 1A4 Amount	N/A	N/A		
122 123		DA Ramp Up Distribution Amount DA Ramp Down Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022 New charge type in 2022

	EEE 22	DT Dame New Desferonce Distribution Assessed	N/A	N/A		N b b i- 2022
124		RT Ramp Non Performance Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022
125		RT Ramp Up Distribution Amount				New charge type in 2022
126		RT Ramp Down Distribution Amount	N/A	N/A		New charge type in 2022
127		DA GFA Carve Out Distribution Deployment Daily Amount	N/A	N/A		
128		DA GFA Carve Out Distribution Deployment Monthly Amount	N/A	N/A		
129	555.27	DA GFA Carve Out Distribution Deployment Yearly Amount	N/A	N/A		
130		Total SPP Wholesale Market Charges				
131						
132		MISO ASM				
133		Day Ahead Regulation Amount	N/A	N/A		
134		Real Time Regulation Amount	N/A	N/A		
135		Regulation Cost Distribution Amount	N/A	N/A		
136		Day Ahead Short-Term Reserve Amount	N/A	N/A		
				N/A N/A		
137		Real Time Short-Term Reserve Amount	N/A			
138		Short-Term Reserve Cost Distribution Amount	N/A	N/A		
139		Day Ahead Spinning Reserve Amount	N/A	N/A		
140		Real Time Spinning Reserve Amount	N/A	N/A		
141		Spinning Reserve Cost Distribution Amount	N/A	N/A		
142		Day Ahead Supplemental Reserve Amount	N/A	N/A	_	
143		Real Time Supplemental Reserve Amount	N/A	N/A		
144		Supplemental Reserve Cost Distribution Amount	N/A	N/A		
145		Contingency Reserve Deployment Failure Charge Amount	N/A	N/A		
146		Real Time Excessive Deficient Energy Deployment Charge Amount	N/A	N/A		
147		Short-Term Reserve Deployment Failure Charge Amount	N/A	N/A		
148		Net Regulation Adjustment Amount	N/A	N/A		
149			N/A	IN/A		
		Total MISO ASM				
150						
151		Total Wholesale Market Charges				
152						
153						
154	Purcha	sed Power				
155			[PROTECTED DAT	A BEGINS		
156		Edgeley PPA				
157		Langdon PPA	_			
158		Langdon PPA Ashtabula III PPA				Not Applicable to FAR - Excluded from Total
158 159		Langdon PPA Ashtabula III PPA Tribal (WAPA)		: :		Not Applicable to EAR - Excluded from Total
158 159 160		Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance				Not Applicable to EAR - Excluded from Total
158 159 160 161		Langdon PPA Ashtabula III PPA Titibal (WAPA) WAPA Energy Imbalance Shared Loads		: : :		Not Applicable to EAR - Excluded from Total
158 159 160 161 162		Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Cogen		- - - -		Not Applicable to EAR - Excluded from Total
158 159 160 161 162 163		Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases				
158 159 160 161 162 163 164		Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Cogen		: - - - -		Not Applicable to EAR - Excluded from Total MISO and SPP Energy Only
158 159 160 161 162 163 164 165		Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-quen Bilateral purchases Market Purchases		ROTECTED DATA EI	NDS]	MISO and SPP Energy Only
158 159 160 161 162 163 164 165 166		Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases	P	ROTECTED DATA EI 253,371	NDS]	
158 159 160 161 162 163 164 165 166 167		Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases	200,826	253,371	NDS]	MISO and SPP Energy Only
158 159 160 161 162 163 164 165 166 167 168		Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-quen Bilateral purchases Market Purchases			NDS]	MISO and SPP Energy Only
158 159 160 161 162 163 164 165 166 167		Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases	200,826	253,371	NDS]	MISO and SPP Energy Only
158 159 160 161 162 163 164 165 166 167 168	Wind C	Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases	200,826	253,371	NDS]	MISO and SPP Energy Only
158 159 160 161 162 163 164 165 166 167 168	Wind C	Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-quen Balteral purchases Market Purchases Total Purchases urtaliment	200,826	253,371 291	NDS]	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total
158 159 160 161 162 163 164 165 166 167 168 169 170	Wind C	Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Shared Loads Small Co-gen Bilderal purchases Market Purchases Total Purchases urtaliment assed Sales	200,826	253,371 291	NDS]	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
158 159 160 161 162 163 164 165 166 167 168	Wind C	Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-quen Balteral purchases Market Purchases Total Purchases urtaliment	200,826	253,371 291	NDS]	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
158 159 160 161 162 163 164 165 166 167 168 169 170	Wind C	Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bisteral purchases Market Purchases Total Purchases urtailment assed Sales Fuel Costs	200,826	253,371 291	NDS]	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
158 159 160 161 162 163 164 165 166 167 168 169 170	Wind C	Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Shared Loads Small Co-gen Bilderal purchases Market Purchases Total Purchases urtaliment assed Sales	200,826	253,371 291	NDS]	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
158 159 160 161 162 163 164 165 166 167 168 169 170	Wind C	Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Shared Loads Small Cogen Bilateral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins	200,826 (174) (28,676)	253,371 291 (34,058)	NDS]	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
158 159 160 161 162 163 164 165 166 167 168 169 170 171	Wind C	Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bisteral purchases Market Purchases Total Purchases urtailment assed Sales Fuel Costs	200,826	253,371 291	NDS]	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
158 159 160 161 162 163 164 165 166 167 168 169 170 171	Wind C Asset E	Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Shared Loads Shared Loads Small Co-gen Biateral purchases Market Purchases Total Purchases urtailment lased Sales Fuel Costs Asset Based Margins Plant Reagents	200,826 (174) (28,676)	253,371 291 (34,058)	NDS]	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Effective July 2022 - Docket No. E017/GR-20-719
158 159 160 161 162 163 164 165 166 167 168 169 170 171 171 172 173 174 175	Wind C Asset E	Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Shared Loads Small Cogen Bilateral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins	200,826 (174) (28,676)	253,371 291 (34,058)	NDS]	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176	Wind C Asset E Steam	Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Shared Loads Small Co-gen Bisteral purchases Market Purchases Total Purchases urtaliment lased Sales Fuel Costs Asset Based Margins Plant Reagents Water Sales	200,826 (174) (28,676)	253,371 291 (34,058)	NDS]	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719
158 159 160 161 162 163 164 165 166 167 168 170 171 171 172 173 174 175 176	Wind C Asset E Steam	Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Shared Loads Shared Loads Small Co-gen Biateral purchases Market Purchases Total Purchases urtailment lased Sales Fuel Costs Asset Based Margins Plant Reagents	200,826 (174) (28,676)	253,371 291 (34,058)	NDS]	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Effective July 2022 - Docket No. E017/GR-20-719
158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176	Wind C Asset E Steam	Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Shared Loads Small Co-gen Bisteral purchases Market Purchases Total Purchases urtaliment lased Sales Fuel Costs Asset Based Margins Plant Reagents Water Sales	200,826 (174) (28,676)	253,371 291 (34,058)	NDS]	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719
158 159 160 161 162 163 164 165 166 167 168 170 171 171 172 173 174 175 176	Wind C Asset E Steam Steam/	Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Shared Loads Small Co-gen Bisteral purchases Market Purchases Total Purchases urtaliment lased Sales Fuel Costs Asset Based Margins Plant Reagents Water Sales	200,826 (174) (28,676)	253,371 291 (34,058)	NDS]	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719

F		Ţ	January 2024 Fo	orecast to Actual - January 2024	\$ per MW	'h
			Forecast	Actual		Notes
Line 1		eneration Big Stone	[PROTECTED DATA	BEGINS		
3		Coyote	-	PROTECTED DA	TA ENDO	
4		Total Coal	\$ 25.92	\$ 23.38	A ENDS	
5 6		Langdon Wind	[PROTECTED DATA	BEGINS		
7 8		Ashtabula Wind Ashtabula III	-			
9		Luverne Wind	-			
10 12		Merricourt		PROTECTED DA	TA ENDS1	
13 14		Total Wind	\$ -	\$ -		
15		Total Hydro	\$ -	\$ -		
16 17		Jamestown 1	[PROTECTED DATA	BEGINS		
18 19		Jamestown 2 Lake Preston	-	-		
20				PROTECTED DA	A ENDS]	
21		Total Oil - Peaking Units	\$ - [PROTECTED DATA	\$ - A BEGINS		
23 24		Natural gas - Solway	-			
25		Natural gas - Astoria		PROTECTED DA	A ENDS]	
26 27		Total Natural Gas	\$ 41.97 [PROTECTED DATA			
28 29		Solar - Blue Jay Solar - Blue Heron	_			
		Hoot Lake Solar	-			
30 31		Total Solar	\$ -	.PROTECTED DA	TA ENDS]	
32			\$ 57.00			
33		Total OTP-Owned	\$ 67.88	\$ 62.68		
35 36	Wholes	ale Market Charges MISO Wholesale Market Charges				
37 38	555.02	DA Asset Energy Amount*** DA FBT Loss Amount	N/A N/A	N/A N/A		
39	555.09	DA Non-asset Energy Amount***	N/A	N/A		
40	555.19 555.24	RT Asset Energy Amount*** RT Distribution of Losses Amount	N/A N/A	N/A N/A		
42 43	555.21	RT FBT Loss Amount DA Loss Amount	N/A N/A	N/A N/A		
44		RT Loss Amount	N/A	N/A		
45 46		RT Non-Asset Energy Amount*** DA Losses Rebate on Option B GFA	N/A N/A	N/A N/A		
47	555.12	DA Virtual Energy Amount	N/A	N/A		
48 49	555.32	RT Virtual Energy Amount DA Mkt Admin Amount	N/A N/A	N/A N/A		
50 51		RT Mkt Admin Amount FTR Mkt Admin Amount	N/A N/A	N/A N/A		
52	555.03	DA FBT Congestion Amount	N/A	N/A		
53 54	555.2	DA Congestion RT FBT Congestion Amount	N/A N/A	N/A N/A		
55 56		RT Congestion FTR Hourly Allocation Amount	N/A N/A	N/A N/A		
57	555.15	FTR Monthly Allocation Amount	N/A	N/A		
58 59	555.35	FTR Yearly Allocation Amount FTR Monthly Transaction Amount	N/A N/A	N/A N/A		
60	555.36 555.37	FTR Full Funding Guarantee Amount FTR Guarantee Uplift Amount	N/A N/A	N/A N/A		
62	555.39	FTR Auction Revenue Rights Transaction Amount	N/A	N/A		
63 64		FTR Annual Transaction Amount FTR Auction Revenue Rights Infeasible Uplift Amount	N/A N/A	N/A N/A		
65 66	555.41	FTR Auction Revenue Rights Stage 2 Distribution Amount DA Congestion Rebate on Option B GFA	N/A N/A	N/A N/A		
67	555.1	DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A		
68 69		DA Revenue Sufficiency Guarantee Make Whole Pymt Amount RT Revenue Sufficiency Guarantee First Pass Distribution Amount	N/A N/A	N/A N/A		
70 71	555.3	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount RT Price Volatility Make Whole Payment	N/A N/A	N/A N/A		
72	555.28	RT Revenue Neutrality Uplift Amount	N/A	N/A		
73 74		RT Misc Amount RT Net Inadvertent Amount	N/A N/A	N/A N/A		
75 76	555.31	RT Uninstructed Deviation Amount RT Demand Response Allocation Uplift Amount	N/A N/A	N/A N/A		
77	555.63	DA Ramp Product	N/A	N/A		
78 79	555.64 555.65	RT Ramp Product RT Schedule 49 Cost Distribution Amount	N/A N/A	N/A N/A		
80 81	555.55	RT ASM Non-Excessive Energy Amount*** RT ASM Excessive Energy Amount***	N/A	N/A		
82	555.05	DA Congestion Rebate on COGA	N/A N/A	N/A N/A		
83 84	555.22	DA Losses Rebate on COGA RT Congestion Rebate on COGA	N/A N/A	N/A N/A		
85 86	555.23	RT Loss Rebate on COGA Net Congestion and Losses Adjustment & No DA Generation Schedule	N/A N/A	N/A N/A		
87			IN/A	IN/A		
88 89		Total MISO Wholesale Market Charges				
90 91	555 10	SPP Wholesale Market Charges DA Asset Energy Amount***	N/A	N/A		
92	555.03	DA Non-asset Energy Amount	N/A	N/A		
93 94	555	RT Asset Energy Amount*** RT Non-Asset Energy Amount	N/A N/A	N/A N/A		
95	555.02	DA Make-Whole-Payment Distribution Amount	N/A	N/A		
96 97	555.18	RT Make-Whole-Payment Distribution Amount RT Revenue Sufficiency Guarantee Distribution Amount	N/A N/A	N/A N/A		
98 99	555.04	RT Revenue Neutrality Uplift Distribution Amount DA Regulation-Down Distribution Amount	N/A N/A	N/A N/A		
100	555.05	DA Regulation-Up Distribution Amount DA Spinning Reserve Distribution Amount	N/A N/A	N/A N/A		
101	555.07	DA Supplemental Reserve Distribution Amount	N/A	N/A		
103 104	555.08 555.11	RT Contingency Reserve Deployment Failure Amount RT Over-Collected Losses Distribution Amount	N/A N/A	N/A N/A		
105	555.12	RT Regulation-Down Distribution Amount	N/A	N/A		
106 107	555.14	RT Regulation Non-Performance Distribution Amount RT Regulation-Up Distribution Amount	N/A N/A	N/A N/A		
108	555.16	RT Spinning Reserve Distribution Amount RT Supplemental Reserve Distribution Amount	N/A N/A	N/A N/A		
110	555.2	RT Pseudo Tie Congestion Amount	N/A	N/A		
111	555.23	RT Pseudo Tie Loss Amount Miscellaneous Amount	N/A N/A	N/A N/A		
113 114	555.26	ARR Closeout Yearly Amount RT Demand Reduction Distribution Amount	N/A N/A	N/A N/A		
115	555.29	RT Schedule 1A3 Amount	N/A	N/A		
116 117	555.31	RT Schedule 1A4 Amount DA Ramp Up Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022
118 119	555.32	DA Ramp Down Distribution Amount RT Ramp Non Performance Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022 New charge type in 2022
120	555.34	RT Ramp Up Distribution Amount	N/A	N/A		New charge type in 2022
121 122	555.01	RT Ramp Down Distribution Amount DA GFA Carve Out Distribution Deployment Daily Amount	N/A N/A	N/A N/A		New charge type in 2022
123		DA GFA Carve Out Distribution Deployment Monthly Amount	N/A	N/A		

124	EEE 27	DA GFA Carve Out Distribution Deployment Yearly Amount	N/A	N/A		
125	333.21	Total SPP Wholesale Market Charges	IN/A	IN/A	-	
126		Total 3FF Wildlesale market Charges				
127		MISO ASM				
128		Day Ahead Regulation Amount	N/A	N/A		
129		Real Time Regulation Amount	N/A	N/A N/A		
130		Regulation Cost Distribution Amount	N/A	N/A		
131		Day Ahead Short-Term Reserve Amount	N/A	N/A		
132		Real Time Short-Term Reserve Amount	N/A	N/A		
133		Short-Term Reserve Cost Distribution Amount	N/A	N/A		
134		Day Ahead Spinning Reserve Amount	N/A	N/A		
135		Real Time Spinning Reserve Amount	N/A	N/A		
136		Spinning Reserve Cost Distribution Amount	N/A	N/A		
137		Day Ahead Supplemental Reserve Amount	N/A	N/A		
138		Real Time Supplemental Reserve Amount	N/A	N/A		
139		Supplemental Reserve Cost Distribution Amount	N/A	N/A		
140		Contingency Reserve Deployment Failure Charge Amount	N/A	N/A		
141		Real Time Excessive Deficient Energy Deployment Charge Amount	N/A	N/A		
142		Short-Term Reserve Deployment Failure Charge Amount	N/A	N/A		
143		Net Regulation Adjustment Amount	N/A	N/A		
144		Total MISO ASM				
145						
146		Total Wholesale Market Charges				
147						
148						
149	Purcha	sed Power				
150			[PROTECTED DATA	A BEGINS		
151		Edgeley PPA				
152		Langdon PPA				
153		Ashtabula III PPA	-			
154		Tribal (WAPA)	-			Not Applicable to EAR - Excluded from Total
155		WAPA Energy Imbalance	-			
156		Shared Loads	•			
157		Small Co-gen	•			
158		Bilateral purchases	-			
159		Market Purchases	•			MISO and SPP Energy Only
160				PROTECTED DA	TA ENDS1	23 2 3
161		Total Purchases				Tribal (WAPA) excluded from Total
162						
163	Wind C	urtailment	\$ 39.22	\$ 39.22		
164						
165	Asset F	Based Sales	\$ 83.56	\$ 49.59		
						Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
166		Fuel Costs	N/A	N/A		Based Sales
			.,,,			Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
167		Asset Based Margins	N/A	N/A		Based Sales
168		· · · · · · · · · · · · · · · · · · ·	1071	1471		
169	Steam	Plant Reagents	NA	NA		Effective July 2022 - Docket No. E017/GR-20-719
170				100		. ,
171	Steam	Water Sales	NA	NA		Effective July 2022 - Docket No. E017/GR-20-719
172	Otodini		100			Zanata zanj zazaz Bookok ko. Estitok Estitok Estito
173	Plannir	ng Resource Auction Revenues	N/A	N/A		Effective June 2022
174			1074	I.V.A		
175	Total S	ystem - Plant Level	\$ 29.90	\$ 29.69		Tribal (WAPA) excluded from Total: Asset Based Sales subtracted from Total
		,	- 20.00	20.00		The state of the s

						_	
			February 2024	February 2024	Actual - Expense	(Revenue)	
Line	Plant G	eneration	Forecast [PROTECTED DATA	Actual			Notes
1 2		Big Stone	-				
3		Coyote Hoot Lake #2	-				Hoot Lake plant closed in May 2021
4 5		Hoot Lake #3				ED DATA ENDS]	
6 7		Total Coal	\$ 6,031,276 [PROTECTED DATA	\$ 3,462,268 BEGINS	\$ (2,569,008)	-42.59%	
9		Langdon Wind Ashtabula Wind	-				
10		Luverne Wind	-				
11 12		Merricourt				ED DATA ENDS]	
13 14		Total Wind		\$ -	\$ -	0	
15 16		Total Hydro	\$ - [PROTECTED DATA	\$ - BEGINS	\$ -	0	
17 18		Jamestown 1 Jamestown 2	-				
19		Lake Preston					
20		Total Oil - Peaking Units	\$ -	\$ 7,293		TED DATA ENDS]	
22		Natural gas - Solway	[PROTECTED DATA	BEGINS			
24 25		Natural gas - Astoria			PROTECT	ED DATA ENDS	
26 27		Total Natural Gas	\$ 689,228 [PROTECTED DATA		\$ 528,496		
28		Solar - Blue Jay	-	CDEOINO	į.	1	
29 30		Solar - Blue Heron Solar - Hoot Lake	-				
31 32		Total Solar	\$ -	\$ -	PROTECT	TED DATA ENDS]	
33 34		Total OTP-Owned	\$ 6,720,504	\$ 4.687.285	\$ (2,033,219)	-30.25%	
35	Wholes		-,. 20,004	.,,	,_,_,_,,_,	00.2076	
36 37		ale Market Charges MISO Wholesale Market Charges					Francisco Carlottelland 11 1 20 At 1 5
38 39	555.04	DA Asset Energy Amount*** DA FBT Loss Amount	\$ -	\$ - \$ -	\$ - \$ -	C	Energy Amounts - included/embedded within Market Purchases
40 41	555.09	DA Non-asset Energy Amount*** RT Asset Energy Amount***	\$ -	\$ - \$ -	\$ - \$ -	C	Energy Amounts - included/embedded within Market Purchases Energy Amounts - included/embedded within Market Purchases
42	555.24	RT Distribution of Losses Amount RT FBT Loss Amount	\$ (380,762) \$ -				
44		DA Loss Amount		\$ 702,597	\$ (260,310)		
45 46	555.26	RT Loss Amount RT Non-Asset Energy Amount***	\$ -	\$ 22,798 \$ -	\$ -	C	Energy Amounts - included/embedded within Market Purchases
47 48	555.08 555.12	DA Losses Rebate on Option B GFA DA Virtual Energy Amount		s -	\$ - \$ -	0	
49 50	555.32	RT Virtual Energy Amount DA Mkt Admin Amount		\$	\$ -	9.52%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
51 52	555.18	RT Mkt Admin Amount FTR Mkt Admin Amount	\$ 10,026 \$ 1,757	\$ 11,080	\$ 1,055	10.52%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
53 54	555.03	DA FBT Congestion Amount	\$ -	\$ -	\$ -	C	
55	555.20				\$ -	C	
56 57		RT Congestion FTR Hourly Allocation Amount	\$ 304,977 \$ (3,372,611)	\$ (243,028) \$ (1,729,369)	\$ (548,005) \$ 1,643,243		
58 59	555.15	FTR Monthly Allocation Amount FTR Yearly Allocation Amount	\$ (82,584)	\$ (88,712)	\$ (6,128) \$ 0	7.42%	
60 61	555.35			\$ -	\$ -	C	
62	555.37	FTR Guarantee Uplift Amount	\$ 56,050	\$ (91,014)	\$ (147,064)	-262.38%	
63 64	555.38	FTR Auction Revenue Rights Transaction Amount FTR Annual Transaction Amount	\$ (4,483,052) \$ 4,480,382	\$ 3,322,721	\$ (1,157,662)	-25.84%	
65 66	555.40 555.41	FTR Auction Revenue Rights Infeasible Uplift Amount FTR Auction Revenue Rights Stage 2 Distribution Amount	\$ 8,285 \$ (87,458)	\$ 8,060 \$ (207,942)			
67 68	555.07 555.10	DA Congestion Rebate on Option B GFA DA Revenue Sufficiency Guarantee Distribution Amount		\$ -	\$ -	0	
69 70	555.11	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount RT Revenue Sufficiency Guarantee First Pass Distribution Amount	\$ (1,845) \$ 53,082	\$ (3,926)	\$ (2,080)	112.72%	
71	555.30	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (229,119)	\$	\$ 229,119	-100.00%	
72 73	555.28	RT Price Volatility Make Whole Payment RT Revenue Neutrality Uplift Amount	\$ (55,542) \$ 117,809	\$ 129,066	\$ 11,257	9.56%	
74 75	555.27	RT Misc Amount RT Net Inadvertent Amount	\$ 6,775 \$ 170	\$ (609,719) \$ 1,766	\$ 1,596	939.76%	
76 77	555.31	RT Uninstructed Deviation Amount RT Demand Response Allocation Uplift Amount		\$ -	#VALUE!	C	
78 79	555.63	DA Ramp Product RT Ramp Product	\$ (2,243) \$ (404)	\$ (2,774)	\$ (530)	23.65%	
80	555.65	RT Schedule 49 Cost Distribution Amount	\$ 14,974	\$ 1,610	\$ (13,364)	-89.25%	
81 82	555.56	RT ASM Excessive Energy Amount***	\$ -	\$ - \$ -	\$ - \$ -	C	Energy Amounts - included/embedded within Market Purchases Energy Amounts - included/embedded within Market Purchases
83 84	555.05	DA Congestion Rebate on COGA DA Losses Rebate on COGA	\$ -	\$ - \$ -	\$ -	C	
85 86	555.22		\$ -		\$ -	C	
87	300.20	Net Congestion and Losses Adjustment & No DA Generation Schedule		\$ (48,213)	\$ (48,213)		
88 89		Total MISO Wholesale Market Charges	\$ 132,847	\$ (1,221,323)	\$ (1,354,170)	-1019.35%	Total Excludes Schedule 16 and 17 (Lines 40, 41, 42 Above)
90 91		SPP Wholesale Market Charges					
92 93	555.19	DA Asset Energy Amount*** DA Non-asset Energy Amount		\$ - \$ -	\$ - \$ -	0	Energy Amounts - included/embedded within Market Purchases
94 95	555.09	RT Asset Energy Amount***	\$ -		\$ - \$ -	C	Energy Amounts - included/embedded within Market Purchases
96	555.02		\$	\$ -	\$ -	C	
97 98	555.18			\$ -	\$ (1,109) \$ -	C	
99 100	555.04	RT Revenue Neutrality Uplift Distribution Amount DA Regulation-Down Distribution Amount	\$ 248 \$ 16		\$ (248) \$ (16)	-100.00%	
101	555.05	DA Regulation-Up Distribution Amount DA Spinning Reserve Distribution Amount	\$ 62 \$ 74	\$ -	\$ (62)	-100.00%	
103	555.07	DA Supplemental Reserve Distribution Amount	\$ 11	\$ -	\$ (11)	-100.00%	
104 105	555.11	RT Contingency Reserve Deployment Failure Amount RT Over-Collected Losses Distribution Amount	\$ (33,719)	\$ (8,353)		-75.23%	
106 107	555.12 555.13	RT Regulation-Down Distribution Amount RT Regulation Non-Performance Distribution Amount	\$ 3 \$ (2)		\$ (3) \$ 2		
108 109	555.14	RT Regulation-Up Distribution Amount RT Spinning Reserve Distribution Amount	\$ (3) \$ (1)	\$ -	\$ 3 \$ 1	-100.00% -100.00%	
110 111	555.17	RT Supplemental Reserve Distribution Amount RT Pseudo Tie Congestion Amount	\$ (3) \$ (97,717)	\$ -	\$ 3	-100.00%	
112	555.21	RT Pseudo Tie Loss Amount	\$ (22,787)	\$ 22,640	\$ 45,427	-199.36%	
113 114	555.26			\$	\$ 3	C	
115 116	555.28 555.29	RT Demand Reduction Distribution Amount RT Schedule 1A3 Amount	\$ 0 \$ 7		\$ (0) \$ (7)	-100.00% -100.00%	
117	555.30	RT Schedule 1A4 Amount DA Ramp Up Distribution Amount	\$ 37 \$ 74	\$ -	\$ (37)	-100.00%	
119	555.32	DA Ramp Down Distribution Amount	\$ - \$ (1)	\$ -	\$ -	C	New charge type in 2022
120 121	555.34	RT Ramp Non Performance Distribution Amount RT Ramp Up Distribution Amount	\$ (5)	\$ -	\$ 5	-100.00%	New charge type in 2022 New charge type in 2022 New charge type in 2022
122 123	555.35 555.36	RT Ramp Down Distribution Amount ArrAucTxnAoAmt		\$ - \$ (338,707)	\$ (338,707)		New charge type in 2022 New charge type in 2024
						. —	

			_			1 -			I
124		RtURDDistAoAmt	\$	- 8	-	\$	- (00)		New charge type in 2024
125		DA GFA Carve Out Distribution Deployment Daily Amount	\$	28 \$		\$	(28)	-100.00%	
126		DA GFA Carve Out Distribution Deployment Monthly Amount	\$	(0) \$		\$	0	-100.00%	
127	555.27	DA GFA Carve Out Distribution Deployment Yearly Amount		- \$		\$			
128		Total SPP Wholesale Market Charges	\$ (152,	575) \$	(133,565)) \$	19,009	-12.46%	
129		W00 40W				_			
130		MISO ASM							
131		Day Ahead Regulation Amount		096) 3			(7,321)	34.70%	
132		Real Time Regulation Amount		905) 3			(12,365)	88.92%	
133		Regulation Cost Distribution Amount		700			(4,375)	-21.13%	
134		Day Ahead Short-Term Reserve Amount		006) \$			9,673	-64.46%	
135		Real Time Short-Term Reserve Amount		578			(1,556)	-269.03%	
136		Short-Term Reserve Cost Distribution Amount		826			(1,422)	-24.42%	
137		Day Ahead Spinning Reserve Amount		591) 3			12,880	-54.60%	
138		Real Time Spinning Reserve Amount		703 \$			(5,062)	-187.29%	
139		Spinning Reserve Cost Distribution Amount		195			(31)	-0.23%	
140		Day Ahead Supplemental Reserve Amount		413) \$			6,948	-82.58%	
141		Real Time Supplemental Reserve Amount		440 9			(2,779)	-80.79%	
142		Supplemental Reserve Cost Distribution Amount		385			(589)	-24.72%	
143	555.51	Contingency Reserve Deployment Failure Charge Amount		407 \$		\$	(3,407)	-100.00%	
144		Real Time Excessive Deficient Energy Deployment Charge Amount		927 5			166	8.59%	
145		Short-Term Reserve Deployment Failure Charge Amount		- \$		\$	-	. 0	
146	555.49	Net Regulation Adjustment Amount		016			1,055	103.85%	
147		Total MISO ASM	\$ (26,	835) \$	(35,020)) \$	(8,185)	30.50%	
148									
149		Total Wholesale Market Charges	\$ (46,	563)	(1,389,909)) \$	(1,343,346)	2885.01%	
150									
151									
152	Purcha	sed Power							
153			[PROTECTED I	DATA E	EGINS				
154		Edgeley PPA	_						
155		Langdon PPA	_						
156		Ashtabula III PPA	_						
157		Tribal (WAPA)	_						Not Applicable to EAR - Excluded from Total
158		WAPA Energy Imbalance	L						
159									
160		Shared Loads	_						
		Small Co-gen	-						
161		Small Co-gen Bilateral purchases	-						
162		Small Co-gen	-						MISO and SPP Energy Only
162 163		Small Co-gen Bilateral purchases Market Purchases	-					ED DATA ENDS]	
162 163 164		Small Co-gen Bilateral purchases	- - - \$ 12,117,	772	8,939,293		PROTECT (3,178,479)		MISO and SPP Energy Only Tribal (WAPA) excluded from Total
162 163 164 165		Small Co-gen Bilateral purchases Market Purchases Total Purchases				\$	(3,178,479)	-26.23%	
162 163 164 165 166	Wind C	Small Co-gen Bilateral purchases Market Purchases		772		\$			
162 163 164 165 166 167		Small Co-gen Bilateral purchases Market Purchases Total Purchases urtailment	\$ (1,	210) \$	(3,328)	\$	(3,178,479)	-26.23% 175.02%	Tribal (WAPA) excluded from Total
162 163 164 165 166 167 168		Snall Co-gen Bilderal purchases Market Purchases Total Purchases urtallment Sased Sales	\$ (1, \$ (535,	210) \$ 750) \$	(3,328) (962,874)	\$) \$) \$	(3,178,479) (2,118) (427,123)	-26.23% 175.02% 79.72%	
162 163 164 165 166 167 168 169		Small Co-gen Bilateral purchases Market Purchases Total Purchases urtallment assed Sales Fuel Costs	\$ (1, \$ (535, \$ (247,	210) \$ 750) \$ 103) \$	(3,328) (962,874) (470,378)	\$) \$) \$	(3,178,479) (2,118) (427,123) (223,275)	-26.23% 175.02% 79.72% 90.36%	Tribal (WAPA) excluded from Total
162 163 164 165 166 167 168 169 170		Snall Co-gen Bilderal purchases Market Purchases Total Purchases urtallment Sased Sales	\$ (1, \$ (535, \$ (247,	210) \$ 750) \$	(3,328) (962,874) (470,378)	\$) \$) \$	(3,178,479) (2,118) (427,123)	-26.23% 175.02% 79.72%	Tribal (WAPA) excluded from Total
162 163 164 165 166 167 168 169 170	Asset I	Small Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment Sased Salos Fuel Costs Asset Based Margins	\$ (1, \$ (535, \$ (247, \$ (288,	210) \$ 750) \$ 103) \$ 648) \$	6 (3,328) 6 (962,874) 6 (470,378) 6 (492,496)	\$) \$) \$) \$) \$	(2,118) (427,123) (223,275) (203,848)	-26.23% 175.02% 79.72% 90.36% 70.62%	Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total
162 163 164 165 166 167 168 169 170 171 172	Asset I	Small Co-gen Bilateral purchases Market Purchases Total Purchases urtallment assed Sales Fuel Costs	\$ (1, \$ (535, \$ (247, \$ (288,	210) \$ 750) \$ 103) \$	6 (3,328) 6 (962,874) 6 (470,378) 6 (492,496)	\$) \$) \$) \$) \$	(3,178,479) (2,118) (427,123) (223,275)	-26.23% 175.02% 79.72% 90.36% 70.62%	Tribal (WAPA) excluded from Total
162 163 164 165 166 167 168 169 170 171 172 173	Asset I	Small Co-gen Bilateral purchases Market Purchases Total Purchases urtailment Sased Sales Fuel Costs Asset Based Margins sake Solar Generation Credit	\$ (1, \$ (535, \$ (247, \$ (288,	210) \$ 750) \$ 103) \$ 648) \$	(3,328) (962,874) (470,378) (492,496) (123,192)	\$ 0 \$ 0 \$ 0 \$ 0 \$	(3,178,479) (2,118) (427,123) (223,275) (203,848) 206,977	-26.23% 175.02% 79.72% 90.36% 70.62% \$ (1)	Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023
162 163 164 165 166 167 168 169 170 171 172 173 174	Asset I	Small Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment Sased Salos Fuel Costs Asset Based Margins	\$ (1, \$ (535, \$ (247, \$ (288,	210) \$ 750) \$ 103) \$ 648) \$	(3,328) (962,874) (470,378) (492,496) (123,192)	\$ 0 \$ 0 \$ 0 \$ 0 \$	(2,118) (427,123) (223,275) (203,848)	-26.23% 175.02% 79.72% 90.36% 70.62% \$ (1)	Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total
162 163 164 165 166 167 168 169 170 171 172 173 174	Asset I Hoot L Steam	Small Co-gen Bilateral purchases Market Purchases Total Purchases urtailment ased Sales Fuel Costs Asset Based Margins ake Solar Generation Credit Plant Reagents	\$ (1, \$ (535, \$ (247, \$ (288, \$ (330,	210) \$ 750) \$ 103) \$ 648) \$ 169) \$	(3,328) (962,874) (470,378) (492,496) (123,192) (163,636)	\$ (S)	(3,178,479) (2,118) (427,123) (223,275) (203,848) 206,977 (140,903)	-26.23% 175.02% 79.72% 90.36% 70.62% \$ (1)	Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719
162 163 164 165 166 167 168 169 170 171 172 173 174 175 176	Asset I Hoot L Steam	Small Co-gen Bilateral purchases Market Purchases Total Purchases urtailment Sased Sales Fuel Costs Asset Based Margins sake Solar Generation Credit	\$ (1, \$ (535, \$ (247, \$ (288, \$ (330,	210) \$ 750) \$ 103) \$ 648) \$	(3,328) (962,874) (470,378) (492,496) (123,192) (163,636)	\$ (S)	(3,178,479) (2,118) (427,123) (223,275) (203,848) 206,977	-26.23% 175.02% 79.72% 90.36% 70.62% \$ (1)	Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023
162 163 164 165 166 167 168 169 170 171 172 173 174 175 176	Asset I Hoot L Steam	Small Co-gen Bilateral purchases Market Purchases Total Purchases urtailment ased Sales Fuel Costs Asset Based Margins ake Solar Generation Credit Plant Reagents	\$ (1, \$ (535, \$ (247, \$ (288, \$ (330, \$ 304, \$ (105,	210) \$ 750) \$ 103) \$ 648) \$ 169) \$	(3,328) (962,874) (470,378) (492,496) (123,192) (123,192) (13,636) (91,307)	\$ () \$ () \$ () \$ () \$ () \$ () \$ () \$ ()	(3,178,479) (2,118) (427,123) (223,275) (203,848) 206,977 (140,903)	-26.23% 175.02% 79.72% 90.36% 70.62% \$ (1) \$ (0)	Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719
162 163 164 165 166 167 168 169 170 171 172 173 174 175	Hoot L Steam	Small Co-gen Bilateral purchases Market Purchases Total Purchases urtailment ased Sales Fuel Costs Asset Based Margins ake Solar Generation Credit Plant Reagents	\$ (1, \$ (535, \$ (247, \$ (288, \$ 330, \$ 304,	210) \$ 750) \$ 103) \$ 648) \$ 169) \$	(3,328) (962,874) (470,378) (492,496) (123,192) (123,192) (13,636) (91,307)	\$ () \$ () \$ () \$ () \$ () \$ () \$ () \$ ()	(3,178,479) (2,118) (427,123) (223,275) (203,848) 206,977 (140,903)	-26.23% 175.02% 79.72% 90.36% 70.62% \$ (1) \$ (0)	Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719
162 163 164 165 166 167 168 169 170 171 172 173 174 175 176	Hoot L Steam Steam	Small Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins Asset Based Margins Water Sales Water Sales g Resource Auction Revenues	\$ (1, \$ (535, \$ (247, \$ (288, \$ (330, \$ 304, \$ (105,	210) \$ 750) \$ 103) \$ 648) \$ 169) \$ 538 \$ 852) \$	(3,328) (962,874) (470,378) (492,496) (123,192) (123,192) (13,636) (91,307)	\$ () \$ () \$ () \$ () \$ () \$ () \$ () \$ ()	(3,178,479) (2,118) (427,123) (223,275) (203,848) 206,977 (140,903)	-26.23% 175.02% 79.72% 90.36% 70.62% \$ (1) \$ (0)	Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719
162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178	Hoot L Steam Steam	Small Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins ake Solar Generation Credit Plant Reagents Water Sales Water Sales Water Sales	\$ (1, \$ (535, \$ (247, \$ (288, \$ (330, \$ 304, \$ (105,	210) \$ 750) \$ 103) \$ 648) \$ 169) \$ 538 \$ - \$	(3,328) (962,874) (470,378) (492,496) (123,192) (133,192) (143,192) (143,192) (143,192) (143,192) (143,192)	\$ () \$ () \$ () \$ () \$ () \$ () \$ () \$ ()	(3,178,479) (2,118) (427,123) (223,275) (203,848) 206,977 (140,903)	-26.23% 175.02% 79.72% 90.36% 70.62% \$ (1) \$ (0)	Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719

^{***} These energy related charge types are reported in Market Purchases

		-	February 2024 February 2024	Forecast to Actual - February 2024	MWH	
Line	Plant G	eneration	Forecast [PROTECTED DATA	Actual		Notes
1 2		Big Stone Coyote	_			
3		Hoot Lake #2	_	:		Hoot Lake plant closed in May 2021
4 5		Hoot Lake #3		ROTECTED DATA E		
6 7		Total Coal	230,344 [PROTECTED DAT	120,697 A BEGINS		
8 9		Langdon Wind Ashtabula Wind	_			
10 11		Ashtabula III Luverne Wind	F	-		
12		Merricourt	_	DOTECTED DATA E	NDCI	
13		Total Wind and Solar	119,807	ROTECTED DATA E 86,872		
15 16		Total Hydro	1,534	1,306		
17		Jamestown 1	[PROTECTED DAT	A BEGINS		
19 20		Jamestown 2 Lake Preston	F			
21 22		Total Oil - Peaking Units	Р	ROTECTED DATA E	NDS]	
23			[PROTECTED DAT	A BEGINS		
24 25		Natural gas - Solway Natural gas - Astoria	_	-		
26 27		Total Natural Gas	9,636			
28 29		Solar - Blue Jay	[PROTECTED DAT	A BEGINS		
30 31		Solar - Blue Heron Solar - Hoot Lake		-		
32		Solar - Red Lake Falls Area SB Solar Solar - Karlstad Area SB	F	-		
34		Solar - Karistad Area SB Solar - Crookston Area SB	_	DOTECTED C.T.	NDC.	
35 36		Total Solar	P 4,452	ROTECTED DATA E 5,482		
37 38		Total OTP-Owned	365,773	270,011		
39 40	Wholes	sale Market Charges				
41		MISO Wholesale Market Charges DA Asset Energy Amount***	N/A	N/A		
43	555.04	DA FBT Loss Amount	N/A N/A	N/A N/A		
44	555.19	DA Non-asset Energy Amount*** RT Asset Energy Amount***	N/A	N/A		
46 47	555.21	RT Distribution of Losses Amount RT FBT Loss Amount	N/A N/A	N/A N/A		
48 49		DA Loss Amount RT Loss Amount	N/A N/A	N/A N/A		
50 51		RT Non-Asset Energy Amount*** DA Losses Rebate on Option B GFA	N/A N/A	N/A N/A		
52 53	555.12	DA Virtual Energy Amount RT Virtual Energy Amount	N/A N/A	N/A N/A		
54 55	555.01	DA Mkt Admin Amount RT Mkt Admin Amount	N/A N/A	N/A N/A		
56	555.13	FTR Mkt Admin Amount	N/A	N/A		
57 58		DA FBT Congestion Amount DA Congestion	N/A N/A	N/A N/A		
59 60		RT FBT Congestion Amount RT Congestion	N/A N/A	N/A N/A		
61 62	555.14 555.15	FTR Hourly Allocation Amount FTR Monthly Allocation Amount	N/A N/A	N/A N/A		
63 64	555.17	FTR Yearly Allocation Amount FTR Monthly Transaction Amount	N/A N/A	N/A N/A		
65 66	555.36	FTR Full Funding Guarantee Amount FTR Guarantee Uplift Amount	N/A N/A	N/A N/A		
67	555.39	FTR Auction Revenue Rights Transaction Amount	N/A	N/A		
68 69	555.40	FTR Annual Transaction Amount FTR Auction Revenue Rights Infeasible Uplift Amount	N/A N/A	N/A N/A		
70 71	555.07	FTR Auction Revenue Rights Stage 2 Distribution Amount DA Congestion Rebate on Option B GFA	N/A N/A	N/A N/A		
72 73		DA Revenue Sufficiency Guarantee Distribution Amount DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A N/A	N/A N/A		
74 75		RT Revenue Sufficiency Guarantee First Pass Distribution Amount RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A N/A	N/A N/A		
76 77	555.42	RT Price Volatility Make Whole Payment RT Revenue Neutrality Uplift Amount	N/A N/A	N/A N/A		
78 79	555.25	RT Misc Amount RT Net Inadvertent Amount	N/A N/A	N/A N/A		
80	555.31	RT Uninstructed Deviation Amount	N/A	N/A		
81	555.63	RT Demand Response Allocation Uplift Amount DA Ramp Product	N/A N/A	N/A N/A		
83 84	555.65	RT Ramp Product RT Schedule 49 Cost Distribution Amount	N/A N/A	N/A N/A		
85 86	555.56	RT ASM Non-Excessive Energy Amount*** RT ASM Excessive Energy Amount***	N/A N/A	N/A N/A		
87 88	555.05	DA Congestion Rebate on COGA DA Losses Rebate on COGA	N/A N/A	N/A N/A		
89 90	555.22	RT Congestion Rebate on COGA RT Loss Rebate on COGA	N/A N/A	N/A N/A		
91	550.23	Net Congestion and Losses Adjustment & No DA Generation Schedule		N/A N/A		
92 93		Total MISO Wholesale Market Charges				
94 95		SPP Wholesale Market Charges				
96 97	555.03	DA Asset Energy Amount*** DA Non-asset Energy Amount	N/A N/A	N/A N/A		
98 99	555.09	RT Asset Energy Amount*** RT Non-Asset Energy Amount	N/A N/A	N/A N/A		
100	555.02	DA Make-Whole-Payment Distribution Amount RT Make-Whole-Payment Distribution Amount	N/A N/A	N/A N/A		
102	555.18	RT Revenue Sufficiency Guarantee Distribution Amount RT Revenue Neutrality Uplift Distribution Amount	N/A N/A	N/A N/A		
104	555.04	DA Regulation-Down Distribution Amount	N/A	N/A		
105 106	555.06	DA Regulation-Up Distribution Amount DA Spinning Reserve Distribution Amount	N/A N/A	N/A N/A		
107 108	555.08	DA Supplemental Reserve Distribution Amount RT Contingency Reserve Deployment Failure Amount	N/A N/A	N/A N/A		
109 110	555.11	RT Over-Collected Losses Distribution Amount RT Regulation-Down Distribution Amount	N/A N/A	N/A N/A		
111	555.13	RT Regulation Non-Performance Distribution Amount RT Regulation-Up Distribution Amount	N/A N/A	N/A N/A		
113	555.16	RT Spinning Reserve Distribution Amount RT Supplemental Reserve Distribution Amount	N/A N/A	N/A N/A N/A		
115	555.2	RT Pseudo Tie Congestion Amount	N/A	N/A		
116 117	555.23	RT Pseudo Tie Loss Amount Miscellaneous Amount	N/A N/A	N/A N/A		
118 119	555.26 555.28	ARR Closeout Yearly Amount RT Demand Reduction Distribution Amount	N/A N/A	N/A N/A		
120	555.29	RT Schedule 1A3 Amount RT Schedule 1A4 Amount	N/A N/A	N/A N/A		
122	555.31	DA Ramp Up Distribution Amount	N/A N/A	N/A		New charge type in 2022
123	555.32	DA Ramp Down Distribution Amount	N/A	N/A		New charge type in 2022

124	EEE 22	RT Ramp Non Performance Distribution Amount	N/A	N/A		New charge type in 2022
124		RT Ramp Non Performance Distribution Amount RT Ramp Up Distribution Amount	N/A N/A	N/A N/A	-	New charge type in 2022 New charge type in 2022
		RT Ramp Down Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022
126						New charge type in 2022
127		DA GFA Carve Out Distribution Deployment Daily Amount	N/A	N/A		
128		DA GFA Carve Out Distribution Deployment Monthly Amount	N/A	N/A		
129	555.27	DA GFA Carve Out Distribution Deployment Yearly Amount	N/A	N/A		
130		Total SPP Wholesale Market Charges				
131						
132		MISO ASM				
133		Day Ahead Regulation Amount	N/A	N/A		
134		Real Time Regulation Amount	N/A	N/A		
135		Regulation Cost Distribution Amount	N/A	N/A		
136		Day Ahead Short-Term Reserve Amount	N/A	N/A		
137		Real Time Short-Term Reserve Amount	N/A	N/A		
138		Short-Term Reserve Cost Distribution Amount	N/A	N/A		
139		Day Ahead Spinning Reserve Amount	N/A	N/A		
140		Real Time Spinning Reserve Amount	N/A	N/A		
141		Spinning Reserve Cost Distribution Amount	N/A	N/A		
142		Day Ahead Supplemental Reserve Amount	N/A	N/A		
143		Real Time Supplemental Reserve Amount	N/A	N/A		
144		Supplemental Reserve Cost Distribution Amount	N/A	N/A		
145		Contingency Reserve Deployment Failure Charge Amount	N/A	N/A		
146		Real Time Excessive Deficient Energy Deployment Charge Amount	N/A	N/A		
147		Short-Term Reserve Deployment Failure Charge Amount	N/A	N/A		
148		Net Regulation Adjustment Amount	N/A	N/A		
149		Total MISO ASM				
150						
151		Total Wholesale Market Charges				
152						
153						
153 154	Purcha	sed Power				
154	Purcha	sed Power	IPROTECTED DATA	A BEGINS		
154 155			[PROTECTED DATA	A BEGINS		
154 155 156		Edgeley PPA	[PROTECTED DATA	A BEGINS		
154 155 156 157		Edgeley PPA Langdon PPA	[PROTECTED DAT	A BEGINS		
154 155 156 157 158		Edgeley PPA Langdon PPA Ashtabula III PPA	[PROTECTED DAT	A BEGINS		Net Amilicable to EAR , Evoluted from Total
154 155 156 157 158 159		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA)	[PROTECTED DATA	A BEGINS		Not Applicable to EAR - Excluded from Total
154 155 156 157 158 159 160		Edgeley PPA Langdon PPA Ashtabula III PPA Titbal (WAPA) WAPA Energy Imbalance	[PROTECTED DATA	A BEGINS		Not Applicable to EAR - Excluded from Total
154 155 156 157 158 159 160 161		Edgeley PPA Langdon PPA Ashtabulau III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads	[PROTECTED DAT.	A BEGINS		Not Applicable to EAR - Excluded from Total
154 155 156 157 158 159 160 161 162		Edgeley PPA Langdon PPA Ashtabula III PPA Titbal (WAPA) WAPA Energy Imbalance Shared Loads Shared Loads	[PROTECTED DAT	A BEGINS		Not Applicable to EAR - Excluded from Total
154 155 156 157 158 159 160 161 162 163		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases	[PROTECTED DAT	A BEGINS		
154 155 156 157 158 159 160 161 162 163 164		Edgeley PPA Langdon PPA Ashtabula III PPA Titbal (WAPA) WAPA Energy Imbalance Shared Loads Shared Loads			MIDEL	Not Applicable to EAR - Excluded from Total MISO and SPP Energy Only
154 155 156 157 158 159 160 161 162 163 164 165		Edgeley PPA Langdon PPA Ashtabula III PPA Trībal (WAPA) WAPA Fanergy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases	P	ROTECTED DATA E	NDS]	MISO and SPP Energy Only
154 155 156 157 158 159 160 161 162 163 164 165		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases			NDS]	
154 155 156 157 158 159 160 161 162 163 164 165 166 167		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases	P	ROTECTED DATA E 251,008		MISO and SPP Energy Only
154 155 156 157 158 159 160 161 162 163 164 165 166 166 167		Edgeley PPA Langdon PPA Ashtabula III PPA Trībal (WAPA) WAPA Fanergy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases	P	ROTECTED DATA E		MISO and SPP Energy Only
154 155 156 157 158 159 160 161 162 163 164 165 166 167 168	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribsi (WAPA) WAPA Energy imbalance Shared Loads Small Co-pen Silateral purchases Market Purchases Total Purchases urtailment	P 202,139 3,773	ROTECTED DATA E 251,008 (85)		MISO and SPP Energy Only Tribal (WAPA) excluded from Total
154 155 156 157 158 159 160 161 162 163 164 165 166 166 167	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases	P	ROTECTED DATA E 251,008		MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total
154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy imbalance Shared Loads Small Co-gen Silateral purchases Market Purchases Market Purchases Total Purchases urtailment lased Sales	P 202,139 3,773	ROTECTED DATA E 251,008 (85)		MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
154 155 156 157 158 159 160 161 162 163 164 165 166 167 168	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribsi (WAPA) WAPA Energy imbalance Shared Loads Small Co-pen Silateral purchases Market Purchases Total Purchases urtailment	P 202,139 3,773	ROTECTED DATA E 251,008 (85)		MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy imbalance Shared Loads Shared Loads Small Co-gen Bilderal purchases Market Purchases Total Purchases trialiment lassed Sales Fuel Costs	P 202,139 3,773	ROTECTED DATA E 251,008 (85)		MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy imbalance Shared Loads Small Co-gen Silateral purchases Market Purchases Market Purchases Total Purchases urtailment lased Sales	P 202,139 3,773	ROTECTED DATA E 251,008 (85)		MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy imbalance Shared Loads Small Co-gen Bilderal purchases Market Purchases Total Purchases Total Purchases Total Purchases Fuel Costs Asset Based Margins	202,139 3,773 (8,824)	ROTECTED DATA E 251,008 (85) (26,691)		MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy imbalance Shared Loads Shared Loads Small Co-gen Bilderal purchases Market Purchases Total Purchases trialiment lassed Sales Fuel Costs	P 202,139 3,773	ROTECTED DATA E 251,008 (85)		MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175	Wind C Asset E	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy imbalance Shared Loads Shared Loads Shall Cogen Bilateral purchases Market Purchases Total Purchases Total Purchases Fuel Costs Asset Based Margins Plant Reagents	202,139 3,773 (8,824)	ROTECTED DATA E 251,008 (85) (26,691)		MiSO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Effective July 2022 - Docket No. E017/GR-20-719
154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 171 172 173 174 175	Wind C Asset E	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy imbalance Shared Loads Small Co-gen Bilderal purchases Market Purchases Total Purchases Total Purchases Total Purchases Fuel Costs Asset Based Margins	202,139 3,773 (8,824)	ROTECTED DATA E 251,008 (85) (26,691)		MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
154 155 156 157 158 159 160 161 162 163 164 165 166 166 167 171 171 172 173 174 175 176	Wind C Asset E Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy imbalance Shared Loads Shared Loads Shall Cogen Bilateral purchases Market Purchases Total Purchases urtailment lassed Sales Fuel Costs Asset Based Margins Plant Reagents Water Sales Water Sales	202,139 3,773 (8,824)	ROTECTED DATA E 251,008 (85) (26,691)		MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719
154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 171 172 173 174 175 176	Wind C Asset E Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy imbalance Shared Loads Shared Loads Shall Cogen Bilateral purchases Market Purchases Total Purchases Total Purchases Fuel Costs Asset Based Margins Plant Reagents	202,139 3,773 (8,824)	ROTECTED DATA E 251,008 (85) (26,691)		MiSO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Effective July 2022 - Docket No. E017/GR-20-719
154 155 156 157 158 159 160 161 162 163 164 165 166 166 167 171 171 172 173 174 175 176	Wind C Asset E Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy imbalance Shared Loads Shared Loads Shall Cogen Bilateral purchases Market Purchases Total Purchases urtailment lassed Sales Fuel Costs Asset Based Margins Plant Reagents Water Sales Water Sales	202,139 3,773 (8,824)	ROTECTED DATA E 251,008 (85) (26,691)		MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719
154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 171 172 173 174 175 176	Wind C Asset E Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy imbalance Shared Loads Shared Loads Shall Cogen Bilateral purchases Market Purchases Total Purchases urtailment lassed Sales Fuel Costs Asset Based Margins Plant Reagents Water Sales Water Sales	202,139 3,773 (8,824)	ROTECTED DATA E 251,008 (85) (26,691)		MiSO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719
154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 171 172 173 174 175 176	Wind C Asset E Steam Steam/	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy imbalance Shared Loads Shared Loads Shall Cogen Bilateral purchases Market Purchases Total Purchases urtailment lassed Sales Fuel Costs Asset Based Margins Plant Reagents Water Sales Water Sales	202,139 3,773 (8,824)	ROTECTED DATA E 251,008 (85) (26,691)		MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719

F			February 2024 F	February 2024	- \$ per MV	Vh
			Forecast	Actual		Notes
Line 1		Generation Big Stone	[PROTECTED DATA	BEGINS		
3		Coyote	_	PROTECTED DAT	TA ENDO	
4		Total Coal	\$ 26.18	\$ 28.69	A ENDS	
5 6		Langdon Wind	[PROTECTED DATA	A BEGINS		
7 8		Ashtabula Wind	_	-		
9		Ashtabula III Luverne Wind	_			
10		Merricourt Hoot Lake Solar	_			
12		Total Wind		PROTECTED DAT	TA ENDS]	
13 14				-		
15 16		Total Hydro	\$ - [PROTECTED DATA	\$ - A BEGINS		
17 18		Jamestown 1	_	_		
19		Jamestown 2 Lake Preston	_			
20		Total Oil - Peaking Units	s -	.PROTECTED DAT	A ENDS]	
22			[PROTECTED DATA	BEGINS		
24		Natural gas - Solway Natural gas - Astoria	-			
25 26		Total Natural Gas		.PROTECTED DATE		
27 28		Solar - Blue Jay	PROTECTED DATA	BEGINS		
29		Solar - Blue Heron	-			
30 31		Total Solar	\$ -	.PROTECTED DAT	A ENDS]	
32		Total OTP-Owned	\$ 97.71	\$ 50.57		
34			y 97./1	φ 5U.57		
35 36	Wholes	sale Market Charges MISO Wholesale Market Charges				
37 38	555.02	DA Asset Energy Amount*** DA FBT Loss Amount	N/A N/A	N/A N/A		
39	555.09	DA Non-asset Energy Amount***	N/A	N/A		
40		RT Asset Energy Amount*** RT Distribution of Losses Amount	N/A N/A	N/A N/A		
42	555.21	RT FBT Loss Amount	N/A N/A	N/A N/A		
44		DA Loss Amount RT Loss Amount	N/A	N/A		
45 46		RT Non-Asset Energy Amount*** DA Losses Rebate on Option B GFA	N/A N/A	N/A N/A		
47	555.12	DA Virtual Energy Amount RT Virtual Energy Amount	N/A N/A	N/A N/A		
49	555.01	DA Mkt Admin Amount	N/A	N/A		
50 51	555.18 555.13	RT Mkt Admin Amount FTR Mkt Admin Amount	N/A N/A	N/A N/A		
52	555.03	DA FBT Congestion Amount	N/A	N/A		
53 54	555.2	DA Congestion RT FBT Congestion Amount	N/A N/A	N/A N/A		
55 56	555 14	RT Congestion FTR Hourly Allocation Amount	N/A N/A	N/A N/A		
57	555.15	FTR Monthly Allocation Amount	N/A N/A	N/A		
58 59	555.35	FTR Yearly Allocation Amount FTR Monthly Transaction Amount	N/A	N/A N/A		
60		FTR Full Funding Guarantee Amount FTR Guarantee Uplift Amount	N/A N/A	N/A N/A		
62 63	555.39	FTR Auction Revenue Rights Transaction Amount FTR Annual Transaction Amount	N/A N/A	N/A N/A		
64	555.40	FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A		
65 66		FTR Auction Revenue Rights Stage 2 Distribution Amount DA Congestion Rebate on Option B GFA	N/A N/A	N/A N/A		
67	555.1	DA Revenue Sufficiency Guarantee Distribution Amount	N/A N/A	N/A N/A		
69	555.29	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount RT Revenue Sufficiency Guarantee First Pass Distribution Amount	N/A	N/A		
70 71	555.3 555.42	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount RT Price Volatility Make Whole Payment	N/A N/A	N/A N/A		
72	555.28	RT Revenue Neutrality Uplift Amount	N/A	N/A		
73 74	555.27	RT Misc Amount RT Net Inadvertent Amount	N/A N/A	N/A N/A		
75 76	555.31 555.59	RT Uninstructed Deviation Amount RT Demand Response Allocation Uplift Amount	N/A N/A	N/A N/A		
77	555.63	DA Ramp Product	N/A	N/A		
78 79	555.65	RT Ramp Product RT Schedule 49 Cost Distribution Amount	N/A N/A	N/A N/A		
80 81	555.55 555.56	RT ASM Non-Excessive Energy Amount*** RT ASM Excessive Energy Amount***	N/A N/A	N/A N/A		
82		DA Congestion Rebate on COGA	N/A	N/A		
83 84	555.22	DA Losses Rebate on COGA RT Congestion Rebate on COGA	N/A N/A	N/A N/A		
85 86	555.23	RT Loss Rebate on COGA Net Congestion and Losses Adjustment & No DA Generation Schedule	N/A N/A	N/A N/A		
87			INA	IWA		
88 89		Total MISO Wholesale Market Charges				
90 91	555 19	SPP Wholesale Market Charges DA Asset Energy Amount***	N/A	N/A		
92	555.03	DA Non-asset Energy Amount	N/A	N/A		
93 94	555	RT Asset Energy Amount*** RT Non-Asset Energy Amount	N/A N/A	N/A N/A		
95 96	555.02	DA Make-Whole-Payment Distribution Amount RT Make-Whole-Payment Distribution Amount	N/A N/A	N/A N/A		
97	555.18	RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A		
98 99	555.04	RT Revenue Neutrality Uplift Distribution Amount DA Regulation-Down Distribution Amount	N/A N/A	N/A N/A		
100	555.05	DA Regulation-Up Distribution Amount DA Spinning Reserve Distribution Amount	N/A N/A	N/A N/A		
102	555.07	DA Supplemental Reserve Distribution Amount	N/A	N/A		
103 104	555.08 555.11	RT Contingency Reserve Deployment Failure Amount RT Over-Collected Losses Distribution Amount	N/A N/A	N/A N/A		
105	555.12	RT Regulation-Down Distribution Amount	N/A	N/A		
106 107	555.14	RT Regulation Non-Performance Distribution Amount RT Regulation-Up Distribution Amount	N/A N/A	N/A N/A		
108 109	555.16	RT Spinning Reserve Distribution Amount RT Supplemental Reserve Distribution Amount	N/A N/A	N/A N/A		
110	555.2	RT Pseudo Tie Congestion Amount	N/A	N/A		
111 112	555.23	RT Pseudo Tie Loss Amount Miscellaneous Amount	N/A N/A	N/A N/A		
113 114	555.26	ARR Closeout Yearly Amount RT Demand Reduction Distribution Amount	N/A N/A	N/A N/A		
115	555.29	RT Schedule 1A3 Amount	N/A	N/A		
116 117	555.31	RT Schedule 1A4 Amount DA Ramp Up Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022
118 119	555.32	DA Ramp Down Distribution Amount RT Ramp Non Performance Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022 New charge type in 2022
120	555.34	RT Ramp Up Distribution Amount	N/A	N/A		New charge type in 2022
121 122	555.01	RT Ramp Down Distribution Amount DA GFA Carve Out Distribution Deployment Daily Amount	N/A N/A	N/A N/A		New charge type in 2022
123		DA GFA Carve Out Distribution Deployment Monthly Amount	N/A	N/A		

						*
124	555.27 DA GFA Carve Out Distribution Deployment Yearly Amount		N/A	N/A		
125	Total SPP Wholesale Market	Charges				
126						
127	MISO ASM					
128	Day Ahead Regulation Amount		N/A	N/A		
129	Real Time Regulation Amount		N/A	N/A		
130	Regulation Cost Distribution Amount		N/A	N/A		
131	Day Ahead Short-Term Reserve Amount		N/A	N/A		
132	Real Time Short-Term Reserve Amount		N/A	N/A		
133	Short-Term Reserve Cost Distribution Amount		N/A	N/A		
134	Day Ahead Spinning Reserve Amount		N/A	N/A		
135	Real Time Spinning Reserve Amount		N/A	N/A		
136	Spinning Reserve Cost Distribution Amount		N/A	N/A		
137	Day Ahead Supplemental Reserve Amount		N/A	N/A		
138	Real Time Supplemental Reserve Amount		N/A	N/A		
139	Supplemental Reserve Cost Distribution Amount		N/A	N/A		
140	Contingency Reserve Deployment Failure Charge Amount		N/A	N/A		
141	Real Time Excessive Deficient Energy Deployment Charge A	Amount	N/A	N/A		
142	Short-Term Reserve Deployment Failure Charge Amount		N/A	N/A		
143	Net Regulation Adjustment Amount		N/A	N/A		
144		ISO ASM				
145	TOWN IN					
146	Total Wholesale Market	Charges				
147	Total Wildesdie Market	Onarges				
148						
149	Purchased Power					
150	Purchased Power		ROTECTED DATA	BEODIO		
	F. I. DD4	ĮP	KUIECIED DAIA	DEGINS		
151	Edgeley PPA					
152	Langdon PPA					
153	Ashtabula III PPA					
154	Tribal (WAPA)					Not Applicable to EAR - Excluded from Total
155	WAPA Energy Imbalance					
156	Shared Loads					
157	Small Co-gen					
158	Bilateral purchases					
159	Market Purchases					MISO and SPP Energy Only
160				PROTECTED DA	TA ENDS1	
161	Total Po	urchases \$				Tribal (WAPA) excluded from Total
162	10001	u. 0.1.0000 \$	00.00	v 00.01		This (1771 7) stouded from Total
163	Wind Curtailment	\$	(0.32)	\$ 39.22		
164	Willia Curtailinent	*	(0.32)	\$ 35.22		
	1	s				
165	Asset Based Sales	\$	60.72	\$ 36.07	1	
						Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
166	Fuel Costs		N/A	N/A		Based Sales
					1	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
167	Asset Based Margins		N/A	N/A		Based Sales
168	*			·		
169	Steam Plant Reagents		NA	NA		Effective July 2022 - Docket No. E017/GR-20-719
170	· · · · · · · · · · · · · · · · · · ·		• • • • • • • • • • • • • • • • • • • •	•		
171	Steam/Water Sales		NA	NA		Effective July 2022 - Docket No. E017/GR-20-719
	Stourn Tratol Onles		NA.	NA.		Emouro say Local Docket No. Com/Ore20-110
			N/A	N/A	-	Effective June 2022
172	Planning Pascurca Auction Payanues			N/A	1	Ellective dulle 2022
172 173	Planning Resource Auction Revenues		IVA			
172 173 174				¢ 00=0		Table (MADA) and add from Table Apart Board Color and baset 17
172 173	Planning Resource Auction Revenues Total System - Plant Level	\$		\$ 22.70		Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

			March 2024	2024 Forecast to March 2024	Actual - Expense ((Revenue)	
Line	Plant C	eneration	Forecast [PROTECTED DATA	Actual			Notes
1		Big Stone			1	+	
3		Coyote Hoot Lake #2	_				Hoot Lake plant closed in May 2021
5		Hoot Lake #3	\$		PROTECT	TED DATA ENDS]	
6 7		Total Coal	\$ 3,991,812 [PROTECTED DATA	\$ 3,851,523 BEGINS	\$ (140,289)	-3.51%	
8		Langdon Wind Ashtabula Wind	-		1		
10		Luverne Wind	= -				
11 12		Merricourt			PROTECT	TED DATA ENDS]	
13 14		Total Wind	\$ -	\$ -	\$ -	0	
15 16		Total Hydro	\$ - [PROTECTED DATA	\$ - BEGINS	\$ -	0	
17		Jamestown 1	-		1		
18 19		Jamestown 2 Lake Preston	-				
20 21		Total Oil - Peaking Units	\$ -	\$ 3,230		TED DATA ENDS] 0	
22		Natural gas - Solway	PROTECTED DATA	BEGINS			
24 25		Natural gas - Astoria	_		PROTECT	TED DATA ENDS]	
26 27		Total Natural Gas	\$ 69,011 [PROTECTED DATA				
28		Solar - Blue Jay	-	A BEGINS			
29 30		Solar - Blue Heron Solar - Hoot Lake	_	1	ı	į.	
31 32		Total Solar	S -	S -	PROTECT	TED DATA ENDS]	
33 34		Total OTP-Owned	\$ 4,060,823	\$ 4,509,932	\$ 449,109	11.06%	
35	14"		→ →,∪0∪,023	-,000,332	4 445,109	11.00%	
36 37		ale Market Charges MISO Wholesale Market Charges					
38 39	555.04	DA FBT Loss Amount	\$ -	\$ - \$ -	\$ - \$ -	0	
40	555.09	DA Non-asset Energy Amount***	\$ -	\$ -	\$ - \$ -	0	Energy Amounts - included/embedded within Market Purchases Energy Amounts - included/embedded within Market Purchases
42	555.24	RT Distribution of Losses Amount	\$ (359,936) \$ -		\$ 97,546	-27.10%	
44		DA Loss Amount	\$ 910,239	\$ 444,030		-51.22%	
45 46	555.26			\$ 40,595 \$ -	\$ (11,487) \$ -		Energy Amounts - included/embedded within Market Purchases
47 48	555.08 555.12	DA Losses Rebate on Option B GFA DA Virtual Energy Amount		\$ - \$ -	\$ - \$ -	0	
49 50	555.32	RT Virtual Energy Amount DA Mkt Admin Amount		\$ -	\$ - \$ (2,453)	-3 68%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
51	555.18	RT Mkt Admin Amount	\$ 10,346	\$ 8,993	\$ (1,352)	-13.07%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
52 53 54	555.03			\$ -	\$ -	0	
54 55	555.20	DA Congestion RT FBT Congestion Amount	\$ 2,636,825 \$ -	\$ 2,058,626 \$ -	\$ (578,200) \$ -	-21.93% 0	
56 57		RT Congestion FTR Hourly Allocation Amount	\$ 288,296 \$ (3,188,141)			-182.93% 26.65%	
58 59	555.15	FTR Monthly Allocation Amount	\$ (78,067)				
60	555.35	FTR Monthly Transaction Amount	\$ -	\$ -	\$ -	0	
61 62	555.37	FTR Full Funding Guarantee Amount FTR Guarantee Uplift Amount	\$ (22,492) \$ 23,452	\$ 178,672	\$ 155,220	694.36% 661.86%	
63 64	555.39 555.38	FTR Auction Revenue Rights Transaction Amount FTR Annual Transaction Amount	\$ (3,922,956) \$ 3,914,118				
65 66	555.40 555.41	FTR Auction Revenue Rights Infeasible Uplift Amount FTR Auction Revenue Rights Stage 2 Distribution Amount	\$ 24,084 \$ (84,610)	\$ 12,016 \$ (223,185		-50.11% 163.78%	
67 68	555.07	DA Congestion Rebate on Option B GFA DA Revenue Sufficiency Guarantee Distribution Amount	\$ (0) \$ 16,983	\$ -	\$ 0 \$ (7,255)		
69	555.11		\$ (5,506)	\$ (700)	\$ 4,807	-87.29%	
70 71	555.30	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (229,119)	\$ -	\$ 229,119	-100.00%	
72 73	555.42 555.28	RT Price Volatility Make Whole Payment RT Revenue Neutrality Uplift Amount	\$ (55,542) \$ 117,809	\$ (38,171) \$ 129,708		-31.28% 10.10%	
74 75	555.25 555.27	RT Misc Amount RT Net Inadvertent Amount	\$ 6,775 \$ 170			-151.57% -21175.07%	
76 77	555.31			\$ -	\$ -	0	
78 79	555.63		\$ (4,401) \$ (807)	\$ (9,736)	\$ (5,335)		
80	555.65	RT Schedule 49 Cost Distribution Amount	\$ 14,974	\$ 24,301	\$ 9,327	62.28%	
81 82	555.56		\$ -	\$ - \$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases Energy Amounts - included/embedded within Market Purchases
83 84	555.05 555.06	DA Congestion Rebate on COGA DA Losses Rebate on COGA		\$ -	\$ -	0	
85 86	555.22		\$ -	\$ - \$ -	\$ - \$ -	0	
87 88		Net Congestion and Losses Adjustment & No DA Generation Schedule	\$ -	\$ 84,669	\$ 84,669	Ö	
89		Total MISO Wholesale Market Charges	\$ 115,670	\$ (2,424,825)	\$ (2,540,495)	-2196.32%	Total Excludes Schedule 16 and 17 (Lines 40, 41, 42 Above)
90 91		SPP Wholesale Market Charges					
92 93	555.03	DA Asset Energy Amount*** DA Non-asset Energy Amount		s	\$ -	0	Energy Amounts - included/embedded within Market Purchases
94 95	555.09		\$ -	\$ - \$ -	\$ - \$ -	0	Energy Amounts - included/embedded within Market Purchases
96	555.02	DA Make-Whole-Payment Distribution Amount	\$ -	\$ -	\$ -	0	
97 98	555.18		\$ -	\$ -	\$ -	-99.43% 0	
99 100	555.04	DA Regulation-Down Distribution Amount	\$ 248 \$ 16	\$ 0	\$ (16)	-99.15%	
101 102	555.05 555.06	DA Regulation-Up Distribution Amount DA Spinning Reserve Distribution Amount	\$ 62 \$ 74	\$ 0	\$ (61)	-99.56%	
103	555.07		\$ 11 \$ (2)	\$ 0			
105	555.11	RT Over-Collected Losses Distribution Amount	\$ (31,874)	\$ (6,386)	\$ 25,488	-79.96%	
106 107	555.13	RT Regulation Non-Performance Distribution Amount	\$ 3 \$ (2)	\$ -	\$ (3) \$ 2	-100.00%	
108 109	555.16	RT Regulation-Up Distribution Amount RT Spinning Reserve Distribution Amount	\$ (3) \$ (1)	\$ -	\$ 3 \$ 1	-100.00%	
110	555.17	RT Supplemental Reserve Distribution Amount RT Pseudo Tie Congestion Amount	\$ (3) \$ (92,372)	\$ -	\$ 3	-100.00%	
112	555.21	RT Pseudo Tie Loss Amount	\$ (21,540)	\$ 6,156	\$ 27,696	-128.58%	
113 114	555.26			\$ -	\$ -	-94.46% 0	
115 116	555.29	RT Schedule 1A3 Amount	\$ 0 \$ 7	\$ 0	\$ (7)		
117 118	555.30 555.31	RT Schedule 1A4 Amount DA Ramp Up Distribution Amount	\$ 37 \$ 74		\$ (36)	-98.88%	New charge type in 2022
119 120	555.32		\$ - \$ (1)	\$ -	\$ -	0	New charge type in 2022 New charge type in 2022
121	555.34	RT Ramp Up Distribution Amount	\$ (5)	\$ -	\$ 5	-100.00%	New charge type in 2022
122 123	555.36			\$ - \$ (90,508)	\$ -) \$ (90,508)		New charge type in 2022 New charge type in 2024

126	- 0 New charge type in 2024 (28) -99.75% - 0 - 2.252 -74.41%
126	0 0
127 555.27 DA GFA Carve Out Distribution Deployment Yearly Amount \$ - \$ - \$ - \$ \$ - \$ \$ \$ \$ \$	- 0 0 .252 -74.41%
128	7.252 -74.41%
129	
130 MISO ASM	900 4 599/
131 555.43 Day Ahead Regulation Amount \$ (39,067) \$ (37,258) \$ 1.8 132 555.46 Real Time Regulation Amount \$ (3,227) \$ (8,431) \$ (5.2 133) \$ (555.52 Regulation Cost Distribution Amount \$ 22,588 \$ 17,568 \$ (5.0 134) \$ (556.66 Day Ahead Short-Term Reserve Amount \$ (8,557) \$ (11,559) \$ (3.0 13,556.66 Day Ahead Short-Term Reserve Amount \$ (8,557) \$ (11,559) \$ (3.0 13,556.66 Day Ahead Short-Term Reserve Amount \$ (8,557) \$ (11,559) \$ (3.0 13,556.66 Day Ahead Short-Term Reserve Amount \$ (8,557) \$ (11,559) \$ (3.0 13,556.66 Day Ahead Short-Term Reserve Amount \$ (8,557) \$ (11,559) \$ (3.0 13,556.66 Day Ahead Short-Term Reserve Amount \$ (8,557) \$ (11,559)	800 4 639/
132 555.68 Real Time Regulation Amount \$ (3,227) \$ (8,431) \$ (5.5) 133 555.52 Regulation Cost Distribution Amount \$ 22,588 \$ (7,688) \$ (5.0) 134 555.66 Day Ahead Short-Term Reserve Amount \$ (8,557) \$ (11,559) \$ (3.0)	
133 555.52 Regulation Cost Distribution Amount \$ 22,588 \$ 17,568 \$ (5,0 134 555.66 Day Ahead Short-Term Reserve Amount \$ (8,551) \$ (11,559) \$ (3,0	
134 555.66 Day Ahead Short-Term Reserve Amount \$ (8,551) \$ (11,559) \$ (3,0	
	(145) -83.30%
	251 5.16%
	3,713) 13.81%
	(998) -55.26%
	1,936) -11.11%
	2,526 -43.84%
	(385) -17.72%
142 555.54 Supplemental Reserve Cost Distribution Amount \$ 1,735 \$ 1,458 \$ (2	(277) -15.98%
	3,407) -100.00%
	640 33.23%
	- 0
	441.44%
	4,383) 54.51%
148	
149 Total Wholesale Market Charges \$ (54,853) \$ (2,502,478) \$ (2,447,6	7,625) 4462.19%
150	
151	
152 Purchased Power	
153 [PROTECTED DATA BEGINS	
154 Edgeley PPA	
155 Langdon PPA	
156 Ashtabula III PPA	
157 Tribal (WAPA)	Not Applicable to EAR - Excluded from Total
158 WAPA Energy Imbalance	
159 Shared Loads	
160 Small Co-gen	
161 Bilateral purchases	
162 Market Purchases	MISO and SPP Energy Only TECTED DATA ENDS1
164 Total Purchases \$ 9,088,227 \$ 5,027,560 \$ (4,060,6	0,667) -44.68% Tribal (WAPA) excluded from Total
165	C40 44F4 0F0/
	1,649 -4151.25%
167	
167	
167	1,032) 10144.50%
167	1,032) 10144.50%
167	.032) 10144.50% .524) 21544.50%
167	1,032) 10144.50%
167	.032) 10144.50% 3,524) 21544.50% 3,683 \$ (1) Effective January 2023
167	.032) 10144.50% .524) 21544.50%
167	.032) 10144.50% .1524) 21544.50% .1,683 \$ (1) Effective January 2023 .139) \$ (0) Effective July 2022 - Docket No. E017/GR-20-719
167	.032) 10144.50% 3,524) 21544.50% 3,683 \$ (1) Effective January 2023
167	10144.50% 21544.50% 21544.50% 3,583 (1) Effective January 2023 5,139 (0) Effective July 2022 - Docket No. E017/GR-20-719 5,158 (0) Effective July 2022 - Docket No. E017/GR-20-719
167	.032) 10144.50% .1524) 21544.50% .1,583 \$ (1) Effective January 2023 .139) \$ (0) Effective July 2022 - Docket No. E017/GR-20-719
167	10144.50% 21544.50% 21544.50% 3,583 (1) Effective January 2023 3,139] \$ (0) Effective July 2022 - Docket No. E017/GR-20-719 6 6 6 6 6 7 7 7 7 7

^{***} These energy related charge types are reported in Market Purchases

### ### ### ### ### ### ### ### ### ##							
Part	F			March 2024 F March 2024	orecast to Actual March 2024	- MWI	1
1	15	Dr		Forecast	Actual		Notes
Company	1			LPROTECTED DATA	BEGINS		
No. Law 25			Coyote				Host Lake plant algored in May 2024
The Court	4						Proof Lake plant closed in way 2021
PROTECTIO DATA SECOND.			Total Coal				
	7			[PROTECTED DAT	A BEGINS		
	9		Ashtabula Wind		-		
				_	-		
Treat Print	12			- DD	TECTED DATA E	NDC1	
	14		Total Wind and Solar		92,312	NDOJ	
PROTECTIO DATA SECRED.			Total Hydro	1,699	1.112		
	17			[PROTECTED DAT	A BEGINS		
Total Oil - Pending Units	19		Jamestown 2				
POTICID DATA SECRET	20		Lake Preston	PR0	TECTED DATA E	NDS]	
Section Sect			Total Oil - Peaking Units	IDPOTECTED DAT	A REGINS		
Total Name Section Total Name Total	24		Natural gas - Solway	- I NO LEGIZE BAI			
	26						
Sect. Sect			Total Natural Gas				
	29						
	31		Solar - Hoot Lake				
Sector - Condition Area (1989)				E			
Total State	34		Solar - Crookston Area SB	pn	TECTED DATA F	NDei	
Trial Off-Developed 274,596	36		Total Solar			נטטו	
10			Total OTP-Owned	274,956	270,845		
Modern March Mar	39	Wholes					
40	41		MISO Wholesale Market Charges				
March Marc	43	555.04	DA FBT Loss Amount		N/A		
66 Sep 24 FT Designation of Joseph Amount MA	44	555.09	DA Non-asset Energy Amount***				
All Color Amount	46	555.24	RT Distribution of Losses Amount	N/A	N/A		
Sec. 20 File Non-Americal Borrigo Amount** NA NA							
50 550 DA Loseen Related on Cycle in Grant NA NA NA		555 26	RT Non-Asset Energy Amount***				
Second Color Col	51	555.08	DA Losses Rebate on Option B GFA	N/A	N/A		
Sec. D. M. All Anno Annount		555.12 555.32	DA Virtual Energy Amount RT Virtual Energy Amount				
56 Sept. FITR. Mith. Administration Amount	54	555.01	DA Mkt Admin Amount				
December Company Com	56	555.13	FTR Mkt Admin Amount	N/A	N/A		
595 595 Fit P Starty Albacidan Amount	58						
61 555.14 PTR Noterly Aboution Amount 62 555.25 PTR Morthly Transaction Amount 63 555.25 PTR Morthly Transaction Amount 64 65 555.25 PTR Morthly Transaction Amount 65 655.25 PTR Morthly Transaction Amount 66 65 555.25 PTR Morthly Transaction Amount 67 855.25 PTR Morthly Transaction Amount 68 855.25 PTR Morthly Transaction Amount 69 855.25 PTR Morthly Transaction Amount 60 855.25 PTR Morthly Transaction Amount 60 855.25 PTR Morthly Transaction Amount 61 855.25 PTR Morthly Transaction Amount 62 855.25 PTR Morthly Transaction Amount 63 855.25 PTR Amount Transaction Amount 64 855.25 PTR Amount Transaction Amount 65 855.25 PTR Amount Transaction Amount 66 855.25 PTR Amount Transaction Amount 67 855.25 PTR Amount Transaction Amount 68 855.25 PTR Amount Transaction Amount 69 855.25 PTR Amount Transaction Amount 60 855.25 PTR Amount Transaction Amount 60 855.25 PTR Amount Transaction Amount 61 855.25 PTR Amount Transaction Amount 62 855.25 PTR Amount Transaction Amount 63 855.25 PTR Amount Transaction Amount 64 855.25 PTR Amount Transaction Amount 65 855.25 PTR Morthly State Professor Amount 66 855.25 PTR Morthly State Ptransaction Amount 67 855.25 PTR Morthly State Ptransaction Amount 68 855.25 PTR Morthly State Ptransaction Amount 68 855.25 PTR Morthly State Ptransaction Amount 69 855.25 PTR Morthly State Ptransaction Amount 69 855.25 PTR Morthly State Ptransaction Amount 60 855.25 PTR Morthly State Ptransaction Amount 60 855.25 PTR Morthly State Ptransaction Amount 61 855.25 PTR Morthly State Ptransaction Amount 62 855.25 PTR Morthly State Ptransaction Amount 63 855.25 PTR Morthly State Ptransaction Amount 64 855.25 PTR Morthly State Ptransaction Amount 65 855.25 PTR Morthly State Ptransaction Amount 66 855.25 PTR Morthly State Ptransaction Amount 67 855.25 PTR Morthly State Ptransaction Amount 68 855.25 PTR Morthly State Ptransaction Amount 68 855.25 PTR Morthly State Ptransaction Amount 69 855.25 PTR Morthly State Ptransaction Amount 60 855.25 PTR Morthly State Ptransac		555.2	RT FBT Congestion Amount				
555 7 Fir K Yearh Macadian Amount	61	555.14	FTR Hourly Allocation Amount	N/A	N/A		
	63	555.17	FTR Yearly Allocation Amount	N/A	N/A		
95.53.7 FTR Guarantee Uptit Amount							
85.53.8] FTR Amount Transaction Amount	66	555.37	FTR Guarantee Uplift Amount	N/A	N/A		
555.41 FTR Auction Revenue Right Stage 2 Distribution Amount	68	555.38	FTR Annual Transaction Amount	N/A	N/A		
71 555.07 DA Concestion Relate on Option B GFA							
	71	555.07	DA Congestion Rebate on Option B GFA		N/A		
	73	555.11	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A		
		555.29 555.3	RT Revenue Sufficiency Guarantee First Pass Distribution Amount RT Revenue Sufficiency Guarantee Make Whole Pymt Amount				
	76	555.42	RT Price Volatility Make Whole Payment				
805 555 T. Diman Response Allocation Upifit Amount	78	555.25	RT Misc Amount	N/A	N/A		
S55.59 RT Demard Response Allocation Upiff Amount	80	555.31	RT Uninstructed Deviation Amount	N/A	N/A		
83	81	555.59	RT Demand Response Allocation Uplift Amount	N/A	N/A		
555.55 T. T. SAN Non-Excessive Energy Amount*** N/A	83	555.64	RT Ramp Product	N/A	N/A		
	85	555.55	RT ASM Non-Excessive Energy Amount***	N/A	N/A		
88		555.56	RT ASM Excessive Energy Amount***				
91 S55.23 RT Loss Rebate on COGA N/A	88	555.06	DA Losses Rebate on COGA	N/A	N/A		
91	90	555.23	RT Loss Rebate on COGA	N/A	N/A		
	91						
SP Wholesale Market Charges	93		Total MISO Wholesale Market Charges				
96 555.19 DA Asset Energy Amount** NIA NIA 97 555.09 RT Non-Asset Energy Amount NIA NIA 98 555.09 RT Asset Energy Amount** NIA NIA 99 555 RT Non-Asset Energy Amount NIA NIA 100 555.02 DA Make-Whole-Parent Distribution Amount NIA NIA 101 555.11 RT Make-Whole-Parent Distribution Amount NIA NIA 102 555.18 RT Revenue Sufficiency Guarantee Distribution Amount NIA NIA 103 555.15 RT Revenue Rutrality Uplif Distribution Amount NIA NIA 104 555.04 DA Regulation-Down Distribution Amount NIA NIA 105 555.06 DA Regulation-Down Distribution Amount NIA NIA 106 555.06 DA Spariation-Distribution Amount NIA NIA 107 555.07 DA Supplemental Reserve Distribution Amount NIA NIA 108 555.06 DA Spariation-Distribution Amount NIA NIA 109 555.07 DA Supplemental Reserve Distribution Amount NIA NIA 109 555.08 RT Contingency Reserve Distribution Amount NIA NIA 109 555.18 RT Requisition Down Distribution Amount NIA NIA 109 555.18 RT Requisition Down Distribution Amount NIA NIA 101 555.12 RT Requisition-Down Distribution Amount NIA NIA 111 555.13 RT Requisition Non-Performance Distribution Amount NIA NIA 112 555.14 RT Requisition Non-Performance Distribution Amount NIA NIA 113 555.17 RT Supplemental Reserve Distribution Amount NIA NIA 114 555.17 RT Supplemental Reserve Distribution Amount NIA NIA 115 555.21 RT Regulation Non-Performance Distribution Amount NIA NIA 116 555.21 RT Regulation Non-Performance Distribution Amount NIA NIA 117 555.23 Miscellaneous Amount NIA NIA 118 555.22 RT Pseudo Tie Congestion Amount NIA NIA 119 555.23 RT Shedule 1A3 Amount NIA NIA 110 555.23 RT Shedule 1A3 Amount NIA NIA 121 555.30 RT Shedule 1A3 Amount NIA NIA 121 555.30 RT Shedule 1A3 Amount NIA NIA 121 5	95		SPP Wholesale Market Charges				
99	96	555.19 555.09	DA Asset Energy Amount***				
	98	555.09	RT Asset Energy Amount***	N/A	N/A		
101		555.02	NI Non-Asset Energy Amount DA Make-Whole-Payment Distribution Amount				
103	101	555.1	RT Make-Whole-Payment Distribution Amount	N/A	N/A		
105	103	555.15	RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A		
106	105	555.05	DA Regulation-Up Distribution Amount	N/A	N/A		
108	106	555.06	DA Spinning Reserve Distribution Amount				
110 555.12 RT Regulation-Down Distribution Amount N/A N/A 111 555.12 RT Regulation Non-Performance Distribution Amount N/A N/A 112 555.14 RT Regulation-Up Distribution Amount N/A N/A 113 555.16 RT Sprining Reserve Distribution Amount N/A N/A 114 555.17 RT Supplemental Reserve Distribution Amount N/A N/A 115 555.22 RT Pseudo Tie Congestion Amount N/A N/A 116 555.21 RT Pseudo Tie Loss Amount N/A N/A 117 555.23 Miscellaneous Amount N/A N/A 118 555.26 ARR Closeout Yearly Amount N/A N/A 119 555.28 RT Pseudo Tie Loss Amount N/A N/A 119 555.28 RT Pseudo I Yearly Amount N/A N/A 110 555.28 RT Schedule IA3 Amount N/A N/A 111 555.30 RT Schedule IA3 Amount N/A N/A 112 555.30 RT Schedule IA3 Amount N/A N/A 121 555.30 RT Schedule IA3 Amount N/A N/A 122 555.30 RT Schedule IA3 Amount N/A N/A 123 N/A N/A N/A N/A 124 N/A N/A N/A N/A N/A 125 N/A N/A N/A N/A N/A 126 N/A N/A N/A N/A N/A 127 N/A N/A N/A N/A N/A N/A 128 N/A N/A N/A N/A N/A N/A 129 N/A N/A N/A N/A N/A N/A N/A 120 1	108	555.08	RT Contingency Reserve Deployment Failure Amount	N/A	N/A		
111 555.13 RT Regulation Non-Performance Distribution Amount N/A N/A 112 555.14 RT Regulation-Up Distribution Amount N/A N/A 113 555.16 RT Spinning Reserve Distribution Amount N/A N/A 114 555.17 RT Supplemental Reserve Distribution Amount N/A N/A 115 555.2 RT Pseudo Tie Congestion Amount N/A N/A 116 555.2 RT Pseudo Tie Loss Amount N/A N/A 117 555.23 Miscellaneous Amount N/A N/A 118 555.26 ARR Closeout Vearly Amount N/A N/A 119 555.28 RT Demand Reduction Distribution Amount N/A N/A 119 555.28 RT Schedule 1/A Amount N/A N/A 121 555.30 RT Schedule 1/A Amount N/A N/A 121 555.30 RT Schedule 1/A Amount N/A N/A 122 555.31 DA Ramp Up Distribution Amount N/A N/A 124 N/A N/A N/A N/A 125 N/A N/A N/A N/A N/A 126 N/A N/A N/A N/A N/A 127 N/A N/A N/A N/A N/A N/A N/A 128 N/A N/A N/A N/A N/A N/A N/A 129 N/A N/A N/A N/A N/A N/A N/A N/A 120 12	110	555.12	RT Regulation-Down Distribution Amount	N/A	N/A		
113 555.16 RT Spinning Reserve Distribution Amount NIA NIA 114 555.17 RT Supplemental Reserve Distribution Amount NIA NIA 115 555.2 RT Pseudo Tie Congestion Amount NIA NIA 116 555.2 RT Pseudo Tie Loss Amount NIA NIA 117 555.23 Miscellaneous Amount NIA NIA 118 555.26 ARR Closeout Verify Amount NIA NIA 119 555.28 RT Schedule IA3 Amount NIA NIA 110 555.28 RT Schedule IA3 Amount NIA NIA 121 555.30 RT Schedule IA3 Amount NIA NIA 121 555.30 RT Schedule IA3 Amount NIA NIA 122 555.31 DA Ramp Up Distribution Amount NIA NIA 123 NIA NIA NIA NIA 124 NIA NIA NIA NIA 125 NIA NIA NIA NIA NIA 126 NIA NIA NIA NIA NIA 127 NIA NIA NIA NIA NIA 128 NIA NIA NIA NIA NIA NIA 129 NIA NIA NIA NIA NIA NIA NIA NIA 120 NIA	111	555.13	RT Regulation Non-Performance Distribution Amount	N/A	N/A		
115	113	555.16	RT Spinning Reserve Distribution Amount	N/A	N/A		
116	115	555.2	RT Pseudo Tie Congestion Amount	N/A	N/A	L	
118 555.28 ARR Closeout Yearly Amount N/A N/A N/A 119 555.29 RT Demand Reduction Distribution Amount N/A N/A 120 555.29 RT Schedule 1A3 Amount N/A N/A 121 555.30 RT Schedule 1A3 Amount N/A N/A 122 555.31 DA Ramp Up Distribution Amount N/A N/A N/A N/A N/A N/A	116	555.21	RT Pseudo Tie Loss Amount	N/A	N/A		
120 555.29 RT Schedule 1A3 Amount N/A N/A N/A 121 555.30 RT Schedule 1A4 Amount N/A N/A N/A 122 555.31 DA Ramp Up Distribution Amount N/A N/A New charge type in 2022	118	555.26	ARR Closeout Yearly Amount	N/A	N/A		
121 555.30 RT Schedule 1A4 Amount N/A N/A 122 555.31 DA Ramp Up Distribution Amount N/A N/A New charge type in 2022	120	555.29	RT Schedule 1A3 Amount		N/A		
	121	555.30	RT Schedule 1A4 Amount	N/A	N/A		New charge type in 2022

124	555.33 RT Ramp Non Performance Distribution Amount	N/A	N/A	$\overline{}$	New charge type in 2022
124	555.34 RT Ramp Non Performance Distribution Amount	N/A N/A	N/A N/A	-	New charge type in 2022 New charge type in 2022
125	555.35 RT Ramp Op Distribution Amount 555.35 RT Ramp Down Distribution Amount	N/A N/A	N/A N/A	-	New charge type in 2022 New charge type in 2022
				-	New charge type in 2022
127	555.01 DA GFA Carve Out Distribution Deployment Daily Amount	N/A	N/A	-	
128	555.22 DA GFA Carve Out Distribution Deployment Monthly Amount	N/A	N/A	—	
129	555.27 DA GFA Carve Out Distribution Deployment Yearly Amount	N/A	N/A		
130	Total SPP Wholesale Market Charges				
131				Щ.	
132	MISO ASM			Щ.	
133	Day Ahead Regulation Amount	N/A	N/A	1	
134	Real Time Regulation Amount	N/A	N/A	Щ.	
135	Regulation Cost Distribution Amount	N/A	N/A	1	
136	Day Ahead Short-Term Reserve Amount	N/A	N/A		
137	Real Time Short-Term Reserve Amount	N/A	N/A		
138	Short-Term Reserve Cost Distribution Amount	N/A	N/A		
139	Day Ahead Spinning Reserve Amount	N/A	N/A		
140	Real Time Spinning Reserve Amount	N/A	N/A		
141	Spinning Reserve Cost Distribution Amount	N/A	N/A		
142	Day Ahead Supplemental Reserve Amount	N/A	N/A		
143	Real Time Supplemental Reserve Amount	N/A	N/A	\vdash	
144	Supplemental Reserve Cost Distribution Amount	N/A	N/A	\vdash	
144	Contingency Reserve Deployment Failure Charge Amount	N/A	N/A	-	+
145	Real Time Excessive Deficient Energy Deployment Charge Amount	N/A N/A	N/A N/A	-	
				-	
147	Short-Term Reserve Deployment Failure Charge Amount	N/A	N/A	-	
148	Net Regulation Adjustment Amount	N/A	N/A	—	
149	Total MISO ASM				
150				Щ.	
151	Total Wholesale Market Charges			Ь—	
152				Щ.	
153				Щ.	
154	Purchased Power			Щ.	
155		[PROTECTED DATA	A BEGINS	1	
156	Edgeley PPA				
157	Langdon PPA				
158	Ashtabula III PPA	_			
159	Tribal (WAPA)				Not Applicable to EAR - Excluded from Total
160	WAPA Energy Imbalance				
161	Shared Loads	_			
162	Small Co-gen	_			
163	Bilateral purchases	_	İ		
164	Market Purchases	_	•		MISO and SPP Energy Only
165		DDC	TECTED DATA E	NDS1	
166	Total Purchases	253.486	239.529	.501	Tribal (WAPA) excluded from Total
167	Total Purchases	200,400	200,029	-	Thibai (**75) 5) SAGIGGE HOTH TOTAL
168	Wind Curtailment	(7)	290	-	+
169	Willu Gurtaillient	(1)	290	-	
	Acced Deced Color	(4.40)	(40.000)	-	Constitute MAN ECA Colombridae Contracted from Total
170	Asset Based Sales	(140)	(19,390)	-	Credit to MN FCA Calculation - Subtracted from Total
171	Fuel Costs			1	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
T					Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
172	Asset Based Margins			I	Based Sales
173	, add based margins				
174	Steam Plant Reagents			-	Effective July 2022 - Docket No. E017/GR-20-719
175	Oteam i rain redgents	-	-	-	Emocuve duly 2022 - DUCKEL NO. EU17/GN=20=719
175	Ct	_	_	-	F#
	Steam/Water Sales	-	-	-	Effective July 2022 - Docket No. E017/GR-20-719
177				—	577 1 0000
178	Planning Resource Auction Revenues		-	—	Effective June 2022
179 180	Total System - Plant Level	528.294	491.275	—	
					Tribal (WAPA) excluded from Total: Asset Based Sales subtracted from Total

Į				ecast to Actual - \$ March 2024	per MWh	
			March 2024 Forecast	March 2024 Actual		Notes
Line		eneration	[PROTECTED DATA			
2		Big Stone Coyote	_			
3		Total Coal		PROTECTED DAT	A ENDS	
4 5		I otai Coai	\$ 26.48 [PROTECTED DATA			
6 7		Langdon Wind Ashtabula Wind	_	-		
8		Ashtabula III	_			
9 10		Luverne Wind Merricourt	-	-		
11				PROTECTED DAT	A ENDS	
12		Total Wind	\$ -	\$ -		
14		Total Hydro	\$ -	\$ -		
15 16		Jamestown 1	[PROTECTED DATA	BEGINS		
17 18		Jamestown 2	_	=		
19		Lake Preston		PROTECTED DAT	A ENDS]	
20		Total Oil - Peaking Units	\$ - [PROTECTED DATA	\$ -		
22		Natural gas - Solway	_	BEGINS		
23 24		Natural gas - Astoria		PROTECTED DAT	TA FNDS1	
25		Total Natural Gas	\$ 270.63	\$ 21.36	A ENDO	
26 27		Solar - Blue Jay	[PROTECTED DATA	BEGINS		
28		Solar - Blue Heron	_			
29 30		Hoot Lake Solar		PROTECTED DAT	[A ENDS]	
31		Total Solar	\$ -	0		
32		Total OTP-Owned	\$ 297.11	\$ 48.92		
34 35	Wholes	ale Market Charges				
36		MISO Wholesale Market Charges				
37 38	555.02 555.04	DA Asset Energy Amount*** DA FBT Loss Amount	N/A N/A	N/A N/A		
39	555.09	DA Non-asset Energy Amount***	N/A	N/A		
40	555.19 555.24	RT Asset Energy Amount*** RT Distribution of Losses Amount	N/A N/A	N/A N/A		
42	555.21	RT FBT Loss Amount	N/A	N/A		
43 44		DA Loss Amount RT Loss Amount	N/A N/A	N/A N/A		
45	555.26	RT Non-Asset Energy Amount***	N/A N/A	N/A N/A		
46 47	555.12	DA Losses Rebate on Option B GFA DA Virtual Energy Amount	N/A	N/A		
48 49	555.32	RT Virtual Energy Amount DA Mkt Admin Amount	N/A N/A	N/A N/A		
50	555.18	RT Mkt Admin Amount	N/A	N/A		
51 52		FTR Mkt Admin Amount DA FBT Congestion Amount	N/A N/A	N/A N/A		
53		DA Congestion	N/A	N/A		
54 55	555.2	RT FBT Congestion Amount RT Congestion	N/A N/A	N/A N/A		
56	555.14	FTR Hourly Allocation Amount	N/A	N/A		
57 58	555.15 555.17	FTR Monthly Allocation Amount FTR Yearly Allocation Amount	N/A N/A	N/A N/A		
59	555.35	FTR Monthly Transaction Amount	N/A	N/A		
60	555.37	FTR Full Funding Guarantee Amount FTR Guarantee Uplift Amount	N/A N/A	N/A N/A		
62 63	555.39	FTR Auction Revenue Rights Transaction Amount FTR Annual Transaction Amount	N/A N/A	N/A N/A		
64	555.40	FTR Auction Revenue Rights Infeasible Uplift Amount	N/A N/A	N/A		
65 66		FTR Auction Revenue Rights Stage 2 Distribution Amount DA Congestion Rebate on Option B GFA	N/A N/A	N/A N/A		
67	555.1	DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A		
68 69	555.11 555.29	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount RT Revenue Sufficiency Guarantee First Pass Distribution Amount	N/A N/A	N/A N/A		
70	555.3	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A		
71 72	555.42 555.28	RT Price Volatility Make Whole Payment RT Revenue Neutrality Uplift Amount	N/A N/A	N/A N/A		
73	555.25	RT Misc Amount RT Net Inadvertent Amount	N/A	N/A		
74 75		RT Uninstructed Deviation Amount	N/A N/A	N/A N/A		
76 77	555.59	RT Demand Response Allocation Uplift Amount DA Ramp Product	N/A N/A	N/A N/A		
78	555.64	RT Ramp Product	N/A	N/A		
79 80		RT Schedule 49 Cost Distribution Amount RT ASM Non-Excessive Energy Amount***	N/A N/A	N/A N/A		
81	555.56	RT ASM Excessive Energy Amount***	N/A	N/A		
82 83	555.05 555.06	DA Congestion Rebate on COGA DA Losses Rebate on COGA	N/A N/A	N/A N/A		
84	555.22	RT Congestion Rebate on COGA	N/A	N/A		
85 86	555.23	RT Loss Rebate on COGA Net Congestion and Losses Adjustment & No DA Generation Schedule	N/A N/A	N/A N/A		
87 88						
89		Total MISO Wholesale Market Charges				
90 91	555 10	SPP Wholesale Market Charges DA Asset Energy Amount***	N/A	N/A		
92	555.03	DA Non-asset Energy Amount	N/A	N/A		
93 94	555.09 555	RT Asset Energy Amount*** RT Non-Asset Energy Amount	N/A N/A	N/A N/A		
95	555.02	DA Make-Whole-Payment Distribution Amount	N/A	N/A		
96 97	555.1 555.18	RT Make-Whole-Payment Distribution Amount RT Revenue Sufficiency Guarantee Distribution Amount	N/A N/A	N/A N/A		
98	555.15	RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A		
99 100		DA Regulation-Down Distribution Amount DA Regulation-Up Distribution Amount	N/A N/A	N/A N/A		
101	555.06	DA Spinning Reserve Distribution Amount	N/A	N/A		
102 103	555.08	DA Supplemental Reserve Distribution Amount RT Contingency Reserve Deployment Failure Amount	N/A N/A	N/A N/A		
104	555.11	RT Over-Collected Losses Distribution Amount	N/A	N/A	-	
105 106	555.13	RT Regulation-Down Distribution Amount RT Regulation Non-Performance Distribution Amount	N/A N/A	N/A N/A		
107 108	555.14	RT Regulation-Up Distribution Amount RT Spinning Reserve Distribution Amount	N/A N/A	N/A N/A		
109	555.17	RT Supplemental Reserve Distribution Amount	N/A	N/A		
110 111	555.2	RT Pseudo Tie Congestion Amount RT Pseudo Tie Loss Amount	N/A N/A	N/A N/A		
112	555.23	Miscellaneous Amount	N/A	N/A		
113 114	555.26	ARR Closeout Yearly Amount RT Demand Reduction Distribution Amount	N/A N/A	N/A N/A		
115	555.29	RT Schedule 1A3 Amount	N/A	N/A		
116 117		RT Schedule 1A4 Amount DA Ramp Up Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022
118	555.32	DA Ramp Down Distribution Amount	N/A	N/A		New charge type in 2022
119 120		RT Ramp Non Performance Distribution Amount RT Ramp Up Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022 New charge type in 2022
121	555.35	RT Ramp Down Distribution Amount	N/A	N/A		New charge type in 2022
122 123		DA GFA Carve Out Distribution Deployment Daily Amount DA GFA Carve Out Distribution Deployment Monthly Amount	N/A N/A	N/A N/A		

~ .	555.07	DA 054 0 0 1 B 1 1 1 1 1 1 1 1 1	A1/A			
124	555.27	DA GFA Carve Out Distribution Deployment Yearly Amount	N/A	N/A		
125		Total SPP Wholesale Market Charges				
126						
127		MISO ASM				
128		Day Ahead Regulation Amount	N/A	N/A		
129		Real Time Regulation Amount	N/A	N/A		
130		Regulation Cost Distribution Amount	N/A			
131		Day Ahead Short-Term Reserve Amount	N/A	N/A		
132		Real Time Short-Term Reserve Amount	N/A	N/A		
133		Short-Term Reserve Cost Distribution Amount	N/A	N/A		
134		Day Ahead Spinning Reserve Amount	N/A	N/A		
135		Real Time Spinning Reserve Amount	N/A	N/A		
136		Spinning Reserve Cost Distribution Amount	N/A	N/A		
137		Day Ahead Supplemental Reserve Amount	N/A	N/A		
138		Real Time Supplemental Reserve Amount	N/A	N/A		
139		Supplemental Reserve Cost Distribution Amount	N/A	N/A		
140		Contingency Reserve Deployment Failure Charge Amount	N/A	N/A		
141		Real Time Excessive Deficient Energy Deployment Charge Amount	N/A	N/A		
142		Short-Term Reserve Deployment Failure Charge Amount	N/A			
143		Net Regulation Adjustment Amount	N/A		-	
144		Total MISO ASM	19/73	1975		
145		Total MISO ASM			-	
146		Total Wholesale Market Charges				
147		Total Milolesale Market Cliarges				
148						
149	Dometer	sed Power				
150	Purcha	sed Power	IPROTECTED DATA	A DECIME		
151		Edgeley PPA	[FROIECIED DAI/	H DEGINO		
			_	-		
152		Langdon PPA	_	-		
153		Ashtabula III PPA	_	-		
154		Tribal (WAPA)	_	_		Not Applicable to EAR - Excluded from Total
155		WAPA Energy Imbalance	_	-		
156		Shared Loads	_	-		
157		Small Co-gen	_	_		
158		Bilateral purchases	_	_		
159		Market Purchases		1		MISO and SPP Energy Only
160				PROTECTED DA	A ENDS]	
161		Total Purchases	\$ 35.85	\$ 20.99		Tribal (WAPA) excluded from Total
162						
163	Wind C	urtailment	\$ 39.22	\$ 39.22		
164						
165	Asset E	Based Sales	\$ 34.48	\$ 31.69		
T					l –	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
166		Fuel Costs	N/A	N/A		Based Sales
						Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
167		Asset Based Margins	N/A	N/A		Based Sales
168		<u> </u>				
169	Steam	Plant Reagents	NA.	NA.		Effective July 2022 - Docket No. E017/GR-20-719
170			167			. ,
171	Steam/	Water Sales	NA.	NA		Effective July 2022 - Docket No. E017/GR-20-719
172	Oteall!	TILLOT GUICO	NA.	INA	-	Emouro day Edel Docket No. Com/Or-20-118
173	Plannin	a Resource Auction Revenues	N/A	N/A		Effective June 2022
174	r randill	g noodard radion november	IN/A	N/A		Endouro dano Edel
		ystem - Plant Level	\$ 24.30	\$ 12.89		Tribal (WAPA) excluded from Total: Asset Based Sales subtracted from Total
175						

_							
			April 2 April 2024	024 Forecast to	Actual - Expense (Revenue)	
	DI		Forecast	April 2024 Actua	1		Notes
Line 1		eneration Big Stone	[PROTECTED DATA	DEGINS	1	1	
3		Coyote Hoot Lake #2	_				Hoot Lake plant closed in May 2021
4		Hoot Lake #3	- \$		1	1	Thore barn crosed in way 2021
5 6		Total Coal	\$ 3,032,494	\$ 2,635,837		TED DATA ENDS] -13.08%	
7 8			[PROTECTED DATA	BEGINS			
9		Langdon Wind Ashtabula Wind	_				
10		Luverne Wind Merricourt	-				
12						TED DATA ENDS]	
13 14		Total Wind		٠ -	\$ -		
15 16		Total Hydro	\$ - [PROTECTED DATA	\$ -	\$ -		
17		Jamestown 1	-		1	+	
18 19		Jamestown 2 Lake Preston	=				
20		Total Oil - Peaking Units	•	\$ 7,592		TED DATA ENDS]	
22			[PROTECTED DATA		¥ 1,002		
23 24		Natural gas - Solway Natural gas - Astoria	-				
25 26		Total Natural Gas	\$ 159.831	\$ 536,712		TED DATA ENDS] 235.80%	
27			PROTECTED DATA		\$ 570,001	255.00 /	
28 29		Solar - Blue Jay Solar - Blue Heron					
30 31		Solar - Hoot Lake			DECTEC	TED DATA ENDS	
32		Total Solar	\$ -	\$ -	\$ -	(CONTACION	
33 34		Total OTP-Owned	\$ 3,192,325	\$ 3,180,141	\$ (12,184)	-0.38%	
35	What-		, , , , , ,	, ,	, , , , , ,		
36 37		ale Market Charges MISO Wholesale Market Charges			ļ		
38 39		DA Asset Energy Amount*** DA FBT Loss Amount		\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
40 41	555.09	DA Non-asset Energy Amount***	\$ -		\$ - \$	ğ	Energy Amounts - included/embedded within Market Purchases Energy Amounts - included/embedded within Market Purchases
42	555.24	RT Distribution of Losses Amount	\$ (323,140)	\$ (149,943) \$ 173,197		
43 44	555.21	RT FBT Loss Amount	\$ - \$ 817,187	\$ - \$ 449,038	\$ -	-45.05%	
45 46		RT Loss Amount	\$ 46,758	\$ 81,913	\$ 35,156	75.19%	Energy Amounts - included/embedded within Market Purchases
47	555.08	DA Losses Rebate on Option B GFA	\$ -	\$ -	\$ -	0	
48 49	555.32	DA Virtual Energy Amount RT Virtual Energy Amount	\$ -	\$ -	\$ -	0	
50 51	555.01	DA Mkt Admin Amount	\$ 68,531 \$ 11,332				Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
52	555.13	FTR Mkt Admin Amount	\$ 2,244	\$ 1,212	\$ (1,031)	-45.97%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
53 54		DA Congestion	\$ 2,367,267	\$ 2,321,066	\$ (46,201)	-1.95%	
55 56	555.20		\$ - \$ 258,824	\$ 276,928	\$ -	6.99%	
57 58	555.14	FTR Hourly Allocation Amount	\$ (2,862,223)	\$ (5,804,409) \$ (2,942,187)	102.79%	
59	555.17	FTR Yearly Allocation Amount	\$ -	\$ -	\$ 21,340	C	
60 61	555.36	FTR Full Funding Guarantee Amount	\$ - \$ (54,157)	\$ (477,098	\$ -	780.95%	
62 63		FTR Guarantee Uplift Amount FTR Auction Revenue Rights Transaction Amount	\$ 53,437 \$ (1,004,967)				
64	555.38	FTR Annual Transaction Amount	\$ 1,003,431	\$ 3,522,269	\$ 2,518,839	251.02%	
65 66	555.41	FTR Auction Revenue Rights Infeasible Uplift Amount FTR Auction Revenue Rights Stage 2 Distribution Amount	\$ 8,657 \$ (38,241)	\$ 11,997 \$ (223,246			
67 68	555.07 555.10	DA Congestion Rebate on Option B GFA DA Revenue Sufficiency Guarantee Distribution Amount	\$ - \$ 11,676		\$ -	-18.81%	
69	555.11	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (3,343)	\$ (1,720) \$ 1,623	-48.55%	
70 71	555.30		\$ 53,082 \$ (229,119)	\$ -	\$ 229,119		
72 73	555.42 555.28	RT Price Volatility Make Whole Payment RT Revenue Neutrality Uplift Amount	\$ (55,542) \$ 117,809	\$ (54,124 \$ 118,940		-2.55% 0.96%	
74 75	555.25	RT Misc Amount RT Net Inadvertent Amount	\$ 6,775	\$ 214	\$ (6,561)		
76	555.31	RT Uninstructed Deviation Amount	\$ -	\$ -	\$ -	(
77 78		RT Demand Response Allocation Uplift Amount DA Ramp Product	\$ 17,872 \$ (3,021)				
79 80	555.64	RT Ramp Product RT Schedule 49 Cost Distribution Amount	\$ 82 \$ 14,974	\$ (1,545) \$ (1,627)	-1990.90%	
81	555.55	RT ASM Non-Excessive Energy Amount***	\$ -	\$ -	\$ -	C	Energy Amounts - included/embedded within Market Purchases
82 83			\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
84	555.06	DA Losses Rebate on COGA	\$ -	\$ -	\$ - \$ -	, c	
85 86	555.23	RT Loss Rebate on COGA	\$ -	\$ -	\$ -	C	
87 88		Net Congestion and Losses Adjustment & No DA Generation Schedule		\$ 125,444			
89 90		Total MISO Wholesale Market Charges	\$ 134,161	\$ (3,186,203) \$ (3,320,364)	-2474.91%	Total Excludes Schedule 16 and 17 (Lines 40, 41, 42 Above)
91	5EE 10	SPP Wholesale Market Charges DA Asset Energy Amount***	S -	e	ę	,	Energy Amounts - included/amherided within Market Durchesses
92 93	555.03	DA Non-asset Energy Amount	\$ -	\$ -	\$ -	(Energy Amounts - included/embedded within Market Purchases
94 95	555.09 555.00	RT Asset Energy Amount*** RT Non-Asset Energy Amount		\$ - \$ -	\$ - \$ -	0	Energy Amounts - included/embedded within Market Purchases
96 97	555.02	DA Make-Whole-Payment Distribution Amount	\$ -	\$ - \$ 522	\$ -		
98	555.18		\$ -	\$ -	\$ -	(
99 100	555.04	DA Regulation-Down Distribution Amount	\$ 248 \$ 16	\$ 45	\$ 29	176.08%	
101 102	555.05	DA Regulation-Up Distribution Amount	\$ 62 \$ 74	\$ 85	\$ 24	38.85%	
103	555.07	DA Supplemental Reserve Distribution Amount	\$ 11	\$ 13	\$ 2	23.43%	
104 105	555.11		\$ (2) \$ (28,616)) \$ 22,063	-77.10%	
106 107	555.12		\$ 3 \$ (2)				
108	555.14	RT Regulation-Up Distribution Amount RT Spinning Reserve Distribution Amount	\$ (3) \$ (1)	\$ (2) \$ 2	-50.62%	
110	555.17	RT Supplemental Reserve Distribution Amount	\$ (3)	\$ (2) \$ 1	-48.30%	
111 112	555.20 555.21	RT Pseudo Tie Congestion Amount RT Pseudo Tie Loss Amount	\$ (82,929) \$ (19,338)				
113 114	555.23	Miscellaneous Amount	\$ (3)		\$ 3		
115	555.28	RT Demand Reduction Distribution Amount	\$ 0	\$ -	\$ (0)	-100.00%	
116 117	555.30	RT Schedule 1A4 Amount	\$ 7 \$ 37	\$ 40	\$ 3	9.18%	
118 119	555.31	DA Ramp Up Distribution Amount	\$ 74 \$ -	\$ 5	\$ (69)	-92.66%	New charge type in 2022 New charge type in 2022
120	555.33	RT Ramp Non Performance Distribution Amount RT Ramp Up Distribution Amount	\$ (1)	\$ (0) \$ 1	-91.08%	New charge type in 2022 New charge type in 2022
122	555.35	RT Ramp Down Distribution Amount	\$ -	\$ -	\$ -		New charge type in 2022
123	555.36	ArrAucTxnAoAmt	\$ -	\$ -	\$ -	(New charge type in 2024

			_	— т	_		-			I
124		RtURDDistAoAmt	\$	-	\$	-	\$	- (0)		New charge type in 2024
125		DA GFA Carve Out Distribution Deployment Daily Amount	\$	28		18		(9)	-33.39%	
126		DA GFA Carve Out Distribution Deployment Monthly Amount	\$		\$	-	\$	0	-100.00%	
127	555.27	DA GFA Carve Out Distribution Deployment Yearly Amount	\$		\$		\$		0	
128 129		Total SPP Wholesale Market Charges	\$ (129	,236)	\$	(52,215)	\$	77,020	-59.60%	
130		MICO ACM								
		MISO ASM	. (0.	.994)	•	(40.604)		(0.040)	00.040/	
131		Day Ahead Regulation Amount						(8,610)	26.91%	
132		Real Time Regulation Amount		.902		(52,550)		(58,647)	-961.89% -22.02%	
		Regulation Cost Distribution Amount				17,079		(4,822)	-22.02% 4.66%	
134		Day Ahead Short-Term Reserve Amount		,781)		(30,121)		(1,340)	104.30%	
135 136		Real Time Short-Term Reserve Amount Short-Term Reserve Cost Distribution Amount		,076 .272		2,198 13.758	\$	1,122	-9.91%	
136		Day Ahead Spinning Reserve Amount		416)		(31.073)	\$		-9.91% -47.70%	
137		Real Time Spinning Reserve Amount		,416)		12,162	\$	28,344 (3,854)	-47.70%	
139		Spinning Reserve Cost Distribution Amount		,016		14,202	\$	(9,089)	-24.06%	
140							S		-55.04%	
140		Day Ahead Supplemental Reserve Amount Real Time Supplemental Reserve Amount		,640) .622		(7,481) (43,302)	\$	9,159 (51,924)	-55.04% -602.25%	
141		Supplemental Reserve Cost Distribution Amount		845		3.249	\$	(51,924)	-602.25% 14.20%	
143		Contingency Reserve Deployment Failure Charge Amount		.407		3,249	\$	(3,407)	-100.00%	
143	555.51	Real Time Excessive Deficient Energy Deployment Charge Amount		,407		16,739	\$	14,812	768.65%	
145		Short-Term Reserve Deployment Failure Charge Amount	\$		\$	10,739	S	14,012	700.05%	
145		Net Regulation Adjustment Amount			\$	3,446	S	2,430	239.18%	
146	555.49	Total MISO ASM		.362)		(122,297)		(86,935)	245.84%	
147		TOTAL MISO ASM	9 (30	,302)	÷	(122,297)	ą	(00,935)	245.04%	
149		Total Wholesale Market Charges	e (2)	.437)	•	(3,360,716)	s	(3,330,279)	10941.72%	
150		Total Wildlesale Market Charges	\$ (30	,437)	* ((3,360,716)	- P	(3,330,273)	10541.72/6	
151										
152	Durcha	end Downer								
152	Purcha	sed Power	IPROTECTED	ΠΔΤΔ	BEGI	NS				
153			[PROTECTED	DATA	BEGI	NS				
153 154		Edgeley PPA	PROTECTED	DATA	BEGI	NS				
153 154 155		Edgeley PPA Langdon PPA	IPROTECTED - -	DATA	BEGI	NS				
153 154 155 156		Edgeley PPA Langdon PPA Ashtabula III PPA	IPROTECTED	DATA	BEGIN	NS				Not Applicable to EAR - Excluded from Total
153 154 155 156 157		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA)	IPROTECTED	DATA	BEGIN	NS				Not Applicable to EAR - Excluded from Total
153 154 155 156		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance	IPROTECTED	DATA	BEGI	NS				Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158 159		Edoeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads	PROTECTED	DATA	BEGIN	NS				Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen	PROTECTED	DATA	BEGIN	NS				Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158 159 160		Edoeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads	PROTECTED	DATA	BEGI	NS				Not Applicable to EAR - Excluded from Total MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Balteral purchases	PROTECTED	DATA	BEGI	NS		PROTECT	ED DATA ENDS)	
153 154 155 156 157 158 159 160 161 162		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Balteral purchases				NS	\$	PROTECT (3,319,486)		
153 154 155 156 157 158 159 160 161 162 163		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Blatteral purchases Market Purchases					\$			MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Blatteral purchases Market Purchases	\$ 7,258		\$		\$			MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164 165		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases	\$ 7,258	,704	\$	3,939,218		(3,319,486)	-45.73%	MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164 165 166	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases	\$ 7,258	,704	\$	3,939,218	\$	(3,319,486)	-45.73% -97.75%	MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment	\$ 7,258	,704	\$ \$	3,939,218	\$	(3,319,486)	-45.73% -97.75%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Enerry Imbalance Shared Loads Shared Loads Shall Co-gen Bilateral purchases Market Purchases Total Purchases urtallment Jased Sales	\$ 7,258 \$ 15 \$ (53 \$ (24	,704 ,182 ,571)	\$ \$ \$	3,939,218 432 (533,876)	\$ \$ \$	(3,319,486) (18,751) (480,305)	-45.73% -97.75% 896.58%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 188	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment 3ased Sales Fuel Costs	\$ 7,258 \$ 15 \$ (53 \$ (24	,704 ,182 ,571)	\$ \$ \$	3,939,218 432 (533,876) (550,783)	\$ \$ \$	(3,319,486) (18,751) (480,305) (526,690)	-45.73% -97.75% 896.58% 2186.07%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 170	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment 3ased Sales Fuel Costs	\$ 7,256 \$ 19 \$ (55 \$ (25 \$ (25	,704 ,182 ,571)	\$ \$	3,939,218 432 (533,876) (550,783)	\$ \$ \$ \$	(3,319,486) (18,751) (480,305) (526,690)	-45.73% -97.75% 896.58% 2186.07% -157.35%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 177	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtallment Sased Sales Fuel Costs Asset Based Margins	\$ 7,256 \$ 19 \$ (55 \$ (25 \$ (25	,704 ,182 ,571) ,093) ,478)	\$ \$	3,939,218 432 (533,876) (550,783) 16,907	\$ \$ \$ \$	(3,319,486) (18,751) (480,305) (526,690) 46,385	-45.73% -97.75% 896.58% 2186.07% -157.35%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 171 172 172 173 174	Wind C Asset E	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtallment Sased Sales Fuel Costs Asset Based Margins	\$ 7,258 \$ 19 \$ (5: \$ (2: \$ (2: \$ (3:	,704 ,182 ,571) ,093) ,478)	\$ \$ \$ \$ \$	3,939,218 432 (533,876) (550,783) 16,907	\$ \$ \$ \$	(3,319,486) (18,751) (480,305) (526,690) 46,385	-45.73% -97.75% 896.58% 2186.07% -157.35% \$ (0)	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total
153 154 155 156 157 158 159 160 161 162 163 164 166 167 168 169 170 171 172	Wind C Asset E	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Balteral purchases Market Purchases Total Purchases urtaliment sased Sales Fuel Costs Asset Based Margins sake Solar Generation Credit	\$ 7,258 \$ 19 \$ (5: \$ (2: \$ (2: \$ (3:	,704 ,182 ,571) ,093) ,478)	\$ \$ \$ \$ \$	3,939,218 432 (533,876) (550,783) 16,907 (313,019)	\$ \$ \$ \$	(3,319,486) (18,751) (480,305) (526,690) 46,385 26,638	-45.73% -97.75% 896.58% 2186.07% -157.35% \$ (0)	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 170 171 172 173 174 175	Wind C Asset E Hoot L	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Balteral purchases Market Purchases Total Purchases urtaliment sased Sales Fuel Costs Asset Based Margins sake Solar Generation Credit	\$ 7,258 \$ 15 \$ (55 \$ (22 \$ (23 \$ 125	,704 ,182 ,571) ,093) ,478)	\$ \$ \$ \$ \$ \$ \$ \$	3,939,218 432 (533,876) (550,783) 16,907 (313,019)	\$ \$ \$	(3,319,486) (18,751) (480,305) (526,690) 46,385 26,638	-45.73% -97.75% 896.58% 2186.07% -157.35% \$ (0)	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176	Wind C Asset E Hoot L	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Batteral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents	\$ 7,258 \$ 15 \$ (55 \$ (22 \$ (23 \$ 125	,704 ,182 ,571) ,093) ,478)	\$ \$ \$ \$ \$ \$ \$ \$	3,939,218 432 (533,876) (550,783) 16,907 (313,019)	\$ \$ \$	(3,319,486) (18,751) (480,305) (526,690) 46,385 26,638 6,155	-45.73% -97.75% 896.58% 2186.07% -157.35% \$ (0)	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 170 171 172 173 174 175	Wind C Asset E Hoot L Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Batteral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents	\$ 7,258 \$ 15 \$ (55 \$ (22 \$ (23 \$ 125	,704 ,182 ,571) ,093) ,478) ,658) ,375	\$ \$ \$ \$ \$ \$ \$ \$	3,939,218 432 (533,876) (550,783) 16,907 (313,019)	\$ \$ \$ \$ \$	(3,319,486) (18,751) (480,305) (526,690) 46,385 26,638 6,155	-45.73% -97.75% 896.58% 2186.07% -157.35% \$ (0) \$ (0)	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176	Wind C Asset E Hoot L Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Longdon Shared Longdon Belateral purchases Market Purchases Total Purchases urtaliment Sased Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents Water Sales Water Sales Water Sales	\$ 7,256 \$ 15 \$ 15 \$ (53 \$ (22 \$ 22 \$ 125 \$ (81	,704 ,182 ,571) ,093) ,478) ,658) ,375	\$ \$ \$ \$ \$ \$	3,939,218 432 (533,876) (550,783) 16,907 (313,019) 135,530 (64,371)	\$ \$ \$ \$ \$	(3,319,486) (18,751) (480,305) (526,690) 46,385 26,638 6,155 17,245	-45.73% -97.75% 896.58% 2186.07% -157.35% \$ (0) \$ (0)	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178	Wind C Asset E Hoot L Steam Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Longdon Shared Longdon Belateral purchases Market Purchases Total Purchases urtaliment Sased Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents Water Sales Water Sales Water Sales	\$ 7,256 \$ 15 \$ 15 \$ (53 \$ (22 \$ 22 \$ 125 \$ (81	,704 ,182 ,571) ,093) ,478) ,375 ,666)	\$ \$ \$ \$ \$ \$ \$	3,939,218 432 (533,876) (550,783) 16,907 (313,019) 135,530 (64,371)	\$ \$ \$ \$ \$	(3,319,486) (18,751) (480,305) (526,690) 46,385 26,638 6,155 17,245	-45.73% -97.75% 896.58% 2186.07% -157.35% \$ (0) \$ 0	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719

^{***} These energy related charge types are reported in Market Purchases

F	-		April 2024 Forecast April 2024	to Actual - Expen	se (Re	evenue)
15	D:		Forecast	April 2024 Actual		Notes
Line 1		eneration Big Stone	[PROTECTED DATA	A BEGINS		
3		Coyote Hoot Lake #2		-		Host Lake plant algored in May 2024
4		Hoot Lake #2				Hoot Lake plant closed in May 2021
5 6		Total Coal	PR	OTECTED DATA E 102,109		
7 8		Langdon Wind	[PROTECTED DAT			
9		Ashtabula Wind				
10 11		Ashtabula III Luverne Wind	-	-		
12 13		Merricourt	- DD	TECTED DATA E	NDSI	
14		Total Wind and Solar	110,987		i Doj	
15 16		Total Hydro	1,644	1,004		
17 18		Jamestown 1	[PROTECTED DAT	A BEGINS		
19		Jamestown 2		•		
20 21		Lake Preston	PR	TECTED DATA E	NDS]	
22		Total Oil - Peaking Units	PROTECTED DAT	A BEGINS		
24 25		Natural gas - Solway Natural gas - Astoria	_			
26				TECTED DATA E		
27 28		Total Natural Gas	3,203 [PROTECTED DAT	27,459 A BEGINS		
29 30		Solar - Blue Jay Solar - Blue Heron		٠.		
31		Solar - Hoot Lake				
32 33		Solar - Red Lake Falls Area SB Solar Solar - Karlstad Area SB				
34 35		Solar - Crookston Area SB	PR	TECTED DATA E	NDS1	
36 37		Total Solar	9,386	5,707		
38		Total OTP-Owned	246,342	237,473		
39 40	Wholes	ale Market Charges			L	
41		MISO Wholesale Market Charges DA Asset Energy Amount***	N/A	N/A		
43	555.04	DA FBT Loss Amount	N/A	N/A		
44 45	555.19	DA Non-asset Energy Amount*** RT Asset Energy Amount***	N/A N/A			
46 47	555.24	RT Distribution of Losses Amount RT FBT Loss Amount	N/A N/A			
48		DA Loss Amount RT Loss Amount	N/A	N/A		
49 50	555.26	RT Non-Asset Energy Amount***	N/A N/A	N/A N/A		
51 52		DA Losses Rebate on Option B GFA DA Virtual Energy Amount	N/A N/A	N/A N/A		
53 54	555.32	RT Virtual Energy Amount DA Mkt Admin Amount	N/A N/A			
55	555.18	RT Mkt Admin Amount	N/A	N/A		
56 57	555.13 555.03	FTR Mkt Admin Amount DA FBT Congestion Amount	N/A N/A	N/A N/A		
58 59		DA Congestion RT FBT Congestion Amount	N/A N/A	N/A N/A		
60		RT Congestion	N/A	N/A		
61 62		FTR Hourly Allocation Amount FTR Monthly Allocation Amount	N/A N/A			
63 64	555.17	FTR Yearly Allocation Amount FTR Monthly Transaction Amount	N/A N/A	N/A N/A		
65 66	555.36	FTR Full Funding Guarantee Amount	N/A N/A			
67	555.39	FTR Guarantee Uplift Amount FTR Auction Revenue Rights Transaction Amount	N/A	N/A		
68 69		FTR Annual Transaction Amount FTR Auction Revenue Rights Infeasible Uplift Amount	N/A N/A	N/A N/A		
70 71	555.41	FTR Auction Revenue Rights Stage 2 Distribution Amount DA Congestion Rebate on Option B GFA	N/A N/A	N/A N/A		
72	555.1	DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A		
73 74	555.29	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount RT Revenue Sufficiency Guarantee First Pass Distribution Amount	N/A N/A	N/A N/A		
75 76	555.3	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount RT Price Volatility Make Whole Payment	N/A N/A	N/A N/A		
77 78	555.28	RT Revenue Neutrality Uplift Amount	N/A	N/A N/A		
79	555.27	RT Misc Amount RT Net Inadvertent Amount	N/A N/A	N/A		
80 81	555.59	RT Uninstructed Deviation Amount RT Demand Response Allocation Uplift Amount	N/A N/A	N/A		
82 83	555.63	DA Ramp Product RT Ramp Product	N/A N/A	N/A N/A		
84	555.65	RT Schedule 49 Cost Distribution Amount	N/A	N/A		
85 86	555.56	RT ASM Non-Excessive Energy Amount*** RT ASM Excessive Energy Amount***	N/A N/A	N/A N/A		
87 88	555.05 555.06	DA Congestion Rebate on COGA DA Losses Rebate on COGA	N/A N/A			
89 90	555.22	RT Congestion Rebate on COGA RT Loss Rebate on COGA	N/A N/A	N/A		
91		Net Congestion and Losses Adjustment & No DA Generation Schedu	N/A N/A	N/A N/A		
92 93		Total MISO Wholesale Market Charges			L	
94 95		SPP Wholesale Market Charges				
96	555.19	DA Asset Energy Amount***	N/A			
97 98	555.09	DA Non-asset Energy Amount RT Asset Energy Amount***	N/A N/A		L	
99 100	555	RT Non-Asset Energy Amount DA Make-Whole-Payment Distribution Amount	N/A N/A	N/A N/A		
101	555.1	RT Make-Whole-Payment Distribution Amount	N/A	N/A		
102 103	555.15	RT Revenue Sufficiency Guarantee Distribution Amount RT Revenue Neutrality Uplift Distribution Amount	N/A N/A			
104 105	555.04	DA Regulation-Down Distribution Amount DA Regulation-Up Distribution Amount	N/A N/A			
106	555.06	DA Spinning Reserve Distribution Amount DA Supplemental Reserve Distribution Amount	N/A N/A	N/A		
108	555.08	RT Contingency Reserve Deployment Failure Amount	N/A	N/A		
109 110	555.12	RT Over-Collected Losses Distribution Amount RT Regulation-Down Distribution Amount	N/A N/A	N/A N/A	L	
111 112	555.13	RT Regulation Non-Performance Distribution Amount RT Regulation-Up Distribution Amount	N/A N/A	N/A N/A		
113	555.16	RT Spinning Reserve Distribution Amount	N/A	N/A		
114 115	555.2	RT Supplemental Reserve Distribution Amount RT Pseudo Tie Congestion Amount	N/A N/A	N/A		
116 117	555.21	RT Pseudo Tie Loss Amount Miscellaneous Amount	N/A N/A	N/A N/A		
118	555.26	ARR Closeout Yearly Amount	N/A	N/A		
119 120	555.29	RT Demand Reduction Distribution Amount RT Schedule 1A3 Amount	N/A N/A			
121 122		RT Schedule 1A4 Amount DA Ramp Up Distribution Amount	N/A N/A			New charge type in 2022
123		DA Ramp Down Distribution Amount	N/A			New charge type in 2022

124	555.33 RT Ramp Non Performance Distribution Amount	N/A	N/A		New charge type in 2022
125	555.34 RT Ramp Up Distribution Amount	N/A N/A	N/A	\vdash	New charge type in 2022
126	555.35 RT Ramp Own Distribution Amount	N/A	N/A	—	New charge type in 2022
				—	New charge type in 2022
127	555.01 DA GFA Carve Out Distribution Deployment Daily Amount	N/A	N/A	-	
128	555.22 DA GFA Carve Out Distribution Deployment Monthly Amount	N/A	N/A	⊢	
129	555.27 DA GFA Carve Out Distribution Deployment Yearly Amount	N/A	N/A	Ь—	
130	Total SPP Wholesale Market Charges			Ь—	
131			1	<u></u>	
132	MISO ASM		ı	Щ_	
133	Day Ahead Regulation Amount	N/A	N/A	ĺ	
134	Real Time Regulation Amount	N/A	N/A		
135	Regulation Cost Distribution Amount	N/A	N/A	ĺ	
136	Day Ahead Short-Term Reserve Amount	N/A	N/A		
137	Real Time Short-Term Reserve Amount	N/A	N/A		
138	Short-Term Reserve Cost Distribution Amount	N/A	N/A		
139	Day Ahead Spinning Reserve Amount	N/A	N/A		
140	Real Time Spinning Reserve Amount	N/A	N/A		
141	Spinning Reserve Cost Distribution Amount	N/A	N/A		
142	Day Ahead Supplemental Reserve Amount	N/A	N/A		
143	Real Time Supplemental Reserve Amount	N/A	N/A	_	
144	Supplemental Reserve Cost Distribution Amount	N/A	N/A		
144	Contingency Reserve Deployment Failure Charge Amount	N/A	N/A	_	
145	Real Time Excessive Deficient Energy Deployment Charge Amount	N/A N/A	N/A N/A	—	
				-	
147	Short-Term Reserve Deployment Failure Charge Amount	N/A	N/A	-	
148	Net Regulation Adjustment Amount	N/A	N/A	⊢	
149	Total MISO ASM			Ь—	
150			1	<u></u>	
151	Total Wholesale Market Charges		1	<u></u>	
152			1	<u></u>	
153			ı	Щ_	
154	Purchased Power		1	Ш	
155		[PROTECTED DATA	A BEGINS	ĺ	
156	Edgeley PPA				
157	Langdon PPA	_	Ī		
158	Ashtabula III PPA	_			
159	Tribal (WAPA)		Ī		Not Applicable to EAR - Excluded from Total
160	WAPA Energy Imbalance		1		·
161	Shared Loads	_	†		
162	Small Co-gen	_			
163	Bilateral purchases	_	t		
164	Market Purchases	_	†		MISO and SPP Energy Only
165	Walket I dichases	DDC	TECTED DATA EN	NDSI	INIOO and or 1 Energy only
166	Total Purchases	228,676	255,154		Tribal (WAPA) excluded from Total
167	Total Purchases	220,070	200,154	_	Thiodi (1474) 27 Oxoloded Hottl Total
168	Wind Curtailment	489	11	—	
	wind Curtailment	409	11	-	
169	A	,	(00.55-	-	0 51 10 50 0 1 15 0 11 1 15
170	Asset Based Sales	(938)	(22,825)	\vdash	Credit to MN FCA Calculation - Subtracted from Total
171	Fuel Costs	,	i	l	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
					Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
172	Asset Based Margins		ı	1	Based Sales
173	noout pastu waryins			_	54504 54605
174	Steam Plant Reagents	-	-	—	Effective July 2022 - Docket No. E017/GR-20-719
175	Steam Flant Neagents	-	-	—	Ellective July 2022 - Docket No. E017/GN-20-/ 19
	0			—	5% (* 11 0000 B 1 11) 5047/0B 00 740
176	Steam/Water Sales		-	⊢—	Effective July 2022 - Docket No. E017/GR-20-719
177				Ь—	
178	Planning Resource Auction Revenues	-	-	\vdash	Effective June 2022
179 180	Total System - Plant Level	474,569	469.814		Tribal (WAPA) excluded from Total: Asset Based Sales subtracted from Total

F			April 2024 Forecas	t to Actual - Expen	se (Reven	ue)
			Forecast	April 2024 Actual		Notes
Line 1		eneration Big Stone	[PROTECTED DATA	A BEGINS		
2		Coyote		.PROTECTED DAT	A ENDO	
3 4		Total Coal	\$ 25.04	\$ 25.81	A ENDS	
5 6		Langdon Wind	[PROTECTED DATA	BEGINS		
7 8		Ashtabula Wind Ashtabula III		=		
9		Luverne Wind				
10		Merricourt		PROTECTED DAT	A ENDS]	
12 13		Total Wind	\$ -	\$ -		
14		Total Hydro	\$ -	\$ -		
15 16		Jamestown 1	[PROTECTED DATA	A BEGINS		
17 18		Jamestown 2 Lake Preston		=		
19				PROTECTED DAT	A ENDS]	
20		Total Oil - Peaking Units	[PROTECTED DATA	S - A BEGINS		
22		Natural gas - Solway Natural gas - Astoria	-			
24 25		Total Natural Gas	\$ 49.91	PROTECTED DATE	A ENDS	
26			\$ 49.91 [PROTECTED DATA			
27 28		Solar - Blue Jay Solar - Blue Heron	=	•		
29		Solar - Hoot Lake				
30 31		Total Solar	\$ -	.PROTECTED DAT	A ENDS]	
32		Total OTP-Owned	\$ 74.94	\$ 45.36		
34	14.0		7 7.34			
35 36		ale Market Charges MISO Wholesale Market Charges				
37 38	555.02	DA Asset Energy Amount*** DA FBT Loss Amount	N/A N/A	N/A N/A	-	
39	555.09	DA Non-asset Energy Amount***	N/A	N/A		
40 41	555.24	RT Asset Energy Amount*** RT Distribution of Losses Amount	N/A N/A	N/A N/A		
42 43	555.21	RT FBT Loss Amount DA Loss Amount	N/A N/A	N/A N/A		
44		RT Loss Amount	N/A	N/A		
45 46	555.26 555.08	RT Non-Asset Energy Amount*** DA Losses Rebate on Option B GFA	N/A N/A	N/A N/A		
47 48	555.12	DA Virtual Energy Amount	N/A N/A	N/A N/A		
49	555.01	RT Virtual Energy Amount DA Mkt Admin Amount	N/A	N/A		
50 51		RT Mkt Admin Amount FTR Mkt Admin Amount	N/A N/A	N/A N/A		
52		DA FBT Congestion Amount	N/A	N/A		
53 54	555.2	DA Congestion RT FBT Congestion Amount	N/A N/A	N/A N/A		
55 56		RT Congestion FTR Hourly Allocation Amount	N/A N/A	N/A N/A		
57	555.15	FTR Monthly Allocation Amount FTR Yearly Allocation Amount	N/A N/A	N/A N/A		
58 59	555.35	FTR Monthly Transaction Amount	N/A	N/A		
60	555.36 555.37	FTR Full Funding Guarantee Amount FTR Guarantee Uplift Amount	N/A N/A	N/A N/A		
62 63	555.39	FTR Auction Revenue Rights Transaction Amount FTR Annual Transaction Amount	N/A N/A	N/A N/A		
64	555.40	FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A		
65 66		FTR Auction Revenue Rights Stage 2 Distribution Amount DA Congestion Rebate on Option B GFA	N/A N/A	N/A N/A		
67 68	555.1	DA Revenue Sufficiency Guarantee Distribution Amount DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A N/A	N/A N/A		
69	555.29	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	N/A	N/A		
70 71		RT Revenue Sufficiency Guarantee Make Whole Pymt Amount RT Price Volatility Make Whole Payment	N/A N/A	N/A N/A		
72 73	555.28	RT Revenue Neutrality Uplift Amount RT Misc Amount	N/A N/A	N/A N/A		
74	555.27	RT Net Inadvertent Amount	N/A	N/A		
75 76	555.59	RT Uninstructed Deviation Amount RT Demand Response Allocation Uplift Amount	N/A N/A	N/A N/A		
77 78	555.63	DA Ramp Product RT Ramp Product	N/A N/A	N/A N/A		
79	555.65	RT Schedule 49 Cost Distribution Amount	N/A	N/A		
80 81	555.56	RT ASM Non-Excessive Energy Amount*** RT ASM Excessive Energy Amount***	N/A N/A	N/A N/A		
82 83	555.05	DA Congestion Rebate on COGA DA Losses Rebate on COGA	N/A N/A	N/A N/A		
84	555.22	RT Congestion Rebate on COGA	N/A	N/A		
85 86	555.23	RT Loss Rebate on COGA Net Congestion and Losses Adjustment & No DA Generation Schedule	N/A N/A	N/A N/A		
87 88	,	Total MISO Wholesale Market Charges				
89						
90 91	555.19	SPP Wholesale Market Charges DA Asset Energy Amount***	N/A	N/A		
92 93	555.03	DA Non-asset Energy Amount RT Asset Energy Amount***	N/A N/A	N/A N/A		
94	555	RT Non-Asset Energy Amount	N/A	N/A		
95 96	555.1	DA Make-Whole-Payment Distribution Amount RT Make-Whole-Payment Distribution Amount	N/A N/A	N/A N/A		
97 98	555.18	RT Revenue Sufficiency Guarantee Distribution Amount RT Revenue Neutrality Uplift Distribution Amount	N/A N/A	N/A N/A		
99	555.04	DA Regulation-Down Distribution Amount	N/A	N/A		
100 101	555.06	DA Regulation-Up Distribution Amount DA Spinning Reserve Distribution Amount	N/A N/A	N/A N/A		
102 103	555.07	DA Supplemental Reserve Distribution Amount RT Contingency Reserve Deployment Failure Amount	N/A N/A	N/A N/A		
104	555.11	RT Over-Collected Losses Distribution Amount	N/A	N/A		
105 106	555.13	RT Regulation-Down Distribution Amount RT Regulation Non-Performance Distribution Amount	N/A N/A	N/A N/A		
107 108	555.14	RT Regulation-Up Distribution Amount RT Spinning Reserve Distribution Amount	N/A N/A	N/A N/A	-	
109	555.17	RT Supplemental Reserve Distribution Amount	N/A	N/A		
110 111	555.21	RT Pseudo Tie Congestion Amount RT Pseudo Tie Loss Amount	N/A N/A	N/A N/A		
112 113	555.23	Miscellaneous Amount ARR Closeout Yearly Amount	N/A N/A	N/A N/A		
114	555.28	RT Demand Reduction Distribution Amount	N/A	N/A		
115 116		RT Schedule 1A3 Amount RT Schedule 1A4 Amount	N/A N/A	N/A N/A		
117	555.31	DA Ramp Up Distribution Amount DA Ramp Down Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022 New charge type in 2022
119	555.33	RT Ramp Non Performance Distribution Amount	N/A	N/A		New charge type in 2022
120 121	555.35	RT Ramp Up Distribution Amount RT Ramp Down Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022 New charge type in 2022
122 123	555.01	DA GFA Carve Out Distribution Deployment Daily Amount	N/A N/A	N/A N/A		
123	JJJ.22	DA GFA Carve Out Distribution Deployment Monthly Amount	IN/A	IN/A		I

124	555 27	DA GFA Carve Out Distribution Deployment Yearly Amount	N/A	T	N/A		
125	300.21	Total SPP Wholesale Market Charges	1973		19/75		
126		Total of 1 Wholesale market offarges					
127		MISO ASM					
128		Day Ahead Regulation Amount	N/A		N/A		
129		Real Time Regulation Amount	N/A		N/A		
130		Regulation Cost Distribution Amount	N/A		N/A		
131		Day Ahead Short-Term Reserve Amount	N/A		N/A		
132		Real Time Short-Term Reserve Amount	N/A		N/A		
133		Short-Term Reserve Cost Distribution Amount	N/A		N/A		
134		Day Ahead Spinning Reserve Amount	N/A		N/A		
135		Real Time Spinning Reserve Amount	N/A		N/A		
136		Spinning Reserve Cost Distribution Amount	N/A		N/A		
		Day Ahead Supplemental Reserve Amount	N/A N/A		N/A		
137 138		Real Time Supplemental Reserve Amount	N/A N/A		N/A		
139		Supplemental Reserve Cost Distribution Amount	N/A N/A		N/A		
140		Contingency Reserve Deployment Failure Charge Amount	N/A N/A		N/A		
141		Real Time Excessive Deficient Energy Deployment Charge Amount	N/A N/A		N/A		
141		Short-Term Reserve Deployment Failure Charge Amount	N/A N/A		N/A N/A		
		Net Regulation Adjustment Amount	N/A N/A		N/A		
143		Net Regulation Adjustment Amount Total MISO ASM	N/A	!	N/A		
144		TOTAL MISO ASM					
145		T. (1997)					
146		Total Wholesale Market Charges					
147							
148							
149	Purcha	sed Power					
150			[PROTECTED DATA	A BEGINS			
151		Edgeley PPA	_				
152		Langdon PPA	L				
153		Ashtabula III PPA	L				
154		Tribal (WAPA)	L				Not Applicable to EAR - Excluded from Total
155		WAPA Energy Imbalance					
156		Shared Loads					
157		Small Co-gen	L				
158		Bilateral purchases	L				
159		Market Purchases					MISO and SPP Energy Only
160				PROTEC		A ENDS]	
161		Total Purchases	\$ 31.74	\$	15.44		Tribal (WAPA) excluded from Total
162							
163	Wind C	urtailment	\$ 39.23	\$	39.20		
164							
165	Asset E	Based Sales	\$ 57.09	\$	23.39		
							Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
166		Fuel Costs	N/A		N/A		Based Sales
				1			Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
167		Asset Based Margins	N/A	1	N/A		Based Sales
168							
169	Steam	Plant Reagents	N/A		N/A		Effective July 2022 - Docket No. E017/GR-20-719
170							
171	Steam/	Water Sales	N/A		N/A		Effective July 2022 - Docket No. E017/GR-20-719
172							
173	Plannir	g Resource Auction Revenues	N/A		N/A		Effective June 2022
174							
175	Total S	ystem - Plant Level	\$ 21.27	\$	6.25		Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total
		•					,
						,	

Prof. Security Prof	Г		May 20	24 Forecast to A	ctual - Expense (F	Revenue)	
1. Prof. Cont. Prof. Con			•		, , , , , , , , , , , , , , , , , , ,		Notes
Company	Line 1						
Marie and Part Mari		Coyote	_				Heat Lake plant elected in May 2021, removed of fuel remaining before deconstruction
Total Control Control Total Control Control Total Control Control Total Control Control Total Contro	4		<u>\$</u>		-		Proof Lake plant closed in way 2021 - Terrioval of fuel remaining before deconstruction
	6	Total Coal					
	8		PROTECTED DATA	BEGINS			
	10	Luverne Wind	_				
	12	Merricourt			PROTECT	ED DATA ENDS]	
		Total Wind	\$ -	\$ -	\$ -	0	
	15	Total Hydro			\$ -	0	
1.	17		-		ļ		
	19		-		PROTECT	ED DATA ENDO	
Supplement Sup	21	Total Oil - Peaking Units					
	23		\$	BEGINS		-	
	25		,				
	27	Total Natural Gas			\$ 503,245	111.71%	
Trans face			-				
Total below	30	Solar - Hoot Lake	-		PROTECT	FD DATA ENDS	
	32	Total Solar	\$ -	\$ -			
Western Comment Comm	34	Total OTP-Owned	\$ 3,624,718	\$ 4,231,537	\$ 606,819	16.74%	
3	36	Wholesale Market Charges					
Column	38	555.02 DA Asset Energy Amount***					
1. 1. 1. 1. 1. 1. 1. 1.	40	555.09 DA Non-asset Energy Amount***	\$ -			0	Energy Amounts - included/embedded within Market Purchases
20	41 42	555.19 RT Asset Energy Amount*** 555.24 RT Distribution of Losses Amount	\$ -	\$ - (23,896)	\$ 280,687	0	Energy Amounts - included/embedded within Market Purchases
FT Law Annual			\$ - \$ 770.258		\$ -	-73.08%	
20 10 10 10 10 10 10 10	45	RT Loss Amount	\$ 44,072	\$ 12,195		-72.33%	Fneray Amounts - included/embedded within Market Purchases
40	47	555.08 DA Losses Rebate on Option B GFA	\$ -		\$ -	0	
50 100 101 101 40 400 50 101 40 400 50 101 40 400 50 400	49	555.32 RT Virtual Energy Amount	\$ -			0	
50 550 Sept Tel Companion Amount	51	555.18 RT Mkt Admin Amount	\$ 9,935	\$ 10,506	\$ 571	5.75%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
50	52 53	555.13 FTR Mkt Admin Amount 555.03 DA FBT Congestion Amount		\$ -	\$ -	0	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
Second File Congestion				\$ 378,185 \$ -	\$ (1,853,135) \$ -	-83.05% 0	
50	56	RT Congestion	\$ 243,960				
60 505.3 FTM Activity Transaction Amount 3	58	555.15 FTR Monthly Allocation Amount	\$ (66,061)	\$ (60,727)	\$ 5,334	-8.08%	
Col.	60	555.35 FTR Monthly Transaction Amount	\$ -		\$ -		
56.53 FTR. Annal Thronauchin Amount \$ 1,000.431 \$ 3,022.083 \$ 2,010.079 \$ 3.50	62	555.37 FTR Guarantee Uplift Amount	\$ 13,052	\$ 137,857	\$ 124,804	956.17%	
66 SS.6.1 FTR Aution Revenue Rates State 2 Distriction Amount \$ \$ \$ \$ \$ \$ \$ \$ \$	64	555.38 FTR Annual Transaction Amount	\$ 1,003,431	\$ 3,522,269	\$ 2,518,839	251.02%	
56. 16 10 A Revenue Sufficiency Guarnete New York Print Amount \$ 11,924 \$ 0,038 \$ 11,900 \$ 0,050 \$ 1,000 \$	66	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	\$ (38,241)	\$ (223,246)	\$ (185,005)	483.79%	
55.50 Fit Fleeness Sufficiency Guarantee New North Piper Amount \$ (279.11)	68	555.10 DA Revenue Sufficiency Guarantee Distribution Amount	\$ 18,224	\$ 6,288	\$ (11,936)	-65.50%	
55.542 R. Piner Volksligh Make Whole Payment	70	555.29 RT Revenue Sufficiency Guarantee First Pass Distribution Amount	\$ 53,082	\$ 4,795	\$ (48,287)	-90.97%	
17.5 19.5 17.5 19.5 17.5 19.5		555.42 RT Price Volatility Make Whole Payment			\$ 229,119 \$ 32,590	-100.00% -58.68%	
55.27 RT Not Indevelored Amount	73 74		\$ 117,809	\$ 58,346	\$ (59,463)	-50.47%	
	75	555.27 RT Net Inadvertent Amount	\$ 170	\$ 27,270			
	77	555.59 RT Demand Response Allocation Uplift Amount	\$ 32,659	\$ 35			
555.55 RT ASM Non-Excessive Energy Amount***	79	555.64 RT Ramp Product	\$ (416)	\$ (260)	\$ 156	-37.56%	
	81	555.55 RT ASM Non-Excessive Energy Amount***	\$ -	\$ -		0	Energy Amounts - included/embedded within Market Purchases
	83	555.05 DA Congestion Rebate on COGA	\$ -	\$ -		0	
Net Concestion and Losses Adjustment & No DA Generation Schedule S	85	555.22 RT Congestion Rebate on COGA	\$ -	\$ -	\$ -	0	
Fig.	87					0	
SPP Wholesale Market Charges		Total MISO Wholesale Market Charges	\$ 132,421	\$ (1,992,305)	\$ (2,124,726)	-1604.52%	Total Excludes Schedule 16 and 17 (Lines 40, 41, 42 Above)
Section Description Section	90 91	SPP Wholesale Market Charges					
	92	555.19 DA Asset Energy Amount***					
55502 DA Nake-Whole Payment Distribution Amount \$	94	555.09 RT Asset Energy Amount***	\$ -	\$ -	\$ -	C	Energy Amounts - included/embedded within Market Purchases
Section Sect	96	555.02 DA Make-Whole-Payment Distribution Amount	\$ -	\$ -	\$ -	0	
555.04 D.A. Requisition-Down Distribution Amount \$ 16 \$ 0 \$ (16) .97.39%	98	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	\$ -	\$ -	\$ -	0	
	100	555.04 DA Regulation-Down Distribution Amount	\$ 16	\$ 0	\$ (16)	-97.39%	
104 555.08 RT Contingency Reserve Deployment Failure Amount \$ (2) \$. \$ 2 . +00.00%	102	555.06 DA Spinning Reserve Distribution Amount	\$ 74	\$ 1	\$ (74)	-98.90%	
105	104	555.08 RT Contingency Reserve Deployment Failure Amount	\$ (2)	\$ -	\$ 2	-100.00%	
107 555.13 RT Regulation Non-Performance Distribution Amount \$ (2) \$ (1) \$ 2 .70.18%	106	555.12 RT Regulation-Down Distribution Amount	\$ 3	\$ (0)	\$ (3)	-104.70%	
109 555.16 RT Spinning Reserve Distribution Amount \$ 11 \$ \$ \$ \$ \$ \$ \$	107	555.13 RT Regulation Non-Performance Distribution Amount		\$ (1)	\$ 2	-70.18%	
111 555.20 RT Peaudo Tie Congestion Amount \$ (78.167) \$ (50.759) \$ 27.408 .35.06% 112 555.21 RT Peaudo Tie Loss Amount \$ (18.228) \$ (2.435) \$ 15.792 .86.64% 113 555.23 Miscellaneous Amount \$ (18.228) \$ 5 . \$ 3 .00.00% 114 555.26 JART Closeout Vestry Amount \$ 0 \$ \$ \$ \$ \$ \$ \$ \$	109	555.16 RT Spinning Reserve Distribution Amount	\$ (1)	\$ -	\$ 1		
113 555.23 Miscoellaneous Amount \$ (3) \$. \$ 3 . 100.00% 114 555.26 ARR Closeoul Yearly Amount \$. \$. \$. \$. \$. 0 115 555.28 RT Demand Reduction Distribution Amount \$. 0 \$. \$. (0) . 100.00% 116 555.28 RT Demand Reduction Distribution Amount \$. 0 \$. \$. (0) . 100.00% 117 555.30 RT Schedule 1A3 Amount \$. 7 \$. 0 \$. (7) . 95.04% 117 555.30 RT Schedule 1A4 Amount \$. 37 \$. 1 \$. (35) . 496.90% 118 555.31 DA Ramp Up Distribution Amount \$. 7 \$. \$. (74) . 100.00% 119 555.32 DA Ramp Down Distribution Amount \$ \$. \$. \$. 0 New charge type in 2022 120 555.33 RT Ramp No Performance Distribution Amount \$. (1) \$. \$. 1 . (10.00% New charge type in 2022 121 555.34 RT Ramp Up Distribution Amount \$. (5) \$. \$. \$. 10.000% New charge type in 2022 122 555.34 RT Ramp Up Distribution Amount \$. (5) \$. \$. \$. 10.000% New charge type in 2022 123 555.34 RT Ramp Up Distribution Amount \$. (5) \$. \$. \$. 10.000% New charge type in 2022 124 555.34 RT Ramp Up Distribution Amount \$. (5) \$. \$. \$ 0 New charge type in 2022 125 555.36 RT Ramp Up Distribution Amount \$ \$ \$ \$ 0 New charge type in 2022 126 127 128 1	111	555.20 RT Pseudo Tie Congestion Amount	\$ (78,167)	\$ (50,759)	\$ 27,408	-35.06%	
115 555.28 RT Demand Reduction Distribution Amount \$ 0 \$. \$ (0) -100.00% -1	113	555.23 Miscellaneous Amount	\$ (3)	\$ -	\$ 3		
117 555.30 RT Schedule 1A4 Amount \$ 37 \$ 1 \$ (35) -96.90% 118 555.31 DR Arm pU Distribution Amount \$ 74 \$ - \$ (74) -100.00% New charge type in 2022 119 555.32 DA Ramp Down Distribution Amount \$ - \$ - \$ (74) -100.00% New charge type in 2022 120 555.33 PT Ramp No Performance Distribution Amount \$ (1) \$ - \$ 1 -100.00% New charge type in 2022 121 555.34 RT Ramp Up Distribution Amount \$ (5) \$ - \$ 5 -100.00% New charge type in 2022 122 555.36 PT Ramp Down Distribution Amount \$ (5) \$ - \$ - \$ - 0 New charge type in 2022	115	555.28 RT Demand Reduction Distribution Amount	\$ 0	\$ -	\$ (0)		
118 555.31 DA Ramp Up Distribution Amount \$ 74 \$ - \$ (74) -100.00% New charge type in 2022 119 555.32 DA Ramp Quom Distribution Amount \$ - \$ - \$ - \$ 0 New charge type in 2022 120 555.33 RT Ramp Non Performance Distribution Amount \$ (1) \$ - \$ 1 -100.00% New charge type in 2022 121 555.34 RT Ramp Up Distribution Amount \$ (5) \$ - \$ 5 -100.00% New charge type in 2022 122 555.36 RT Ramp Dum Distribution Amount \$ (5) \$ - \$ 5 -100.00% New charge type in 2022 125 555.36 RT Ramp Dum Distribution Amount \$ - \$ 5 -100.00% New charge type in 2022	117	555.30 RT Schedule 1A4 Amount	\$ 37	\$ 1	\$ (35)	-96.90%	
120 555.33 RT Ramp Non Performance Distribution Amount \$ (1) \$ - \$ 1 -100,00% New charge type in 2022 121 555.34 RT Ramp Up Distribution Amount \$ (5) \$ - \$ 5 -100,00% New charge type in 2022 122 555.36 RT Ramp Down Distribution Amount \$ - \$ 5 - \$ 0 New charge type in 2022	119	555.31 DA Ramp Up Distribution Amount 555.32 DA Ramp Down Distribution Amount	\$ -	\$ -	\$ -	0	New charge type in 2022
122 555.35 RT Ramp Down Distribution Amount \$ - \$ - \$ - 0 New charge type in 2022	121	555.34 RT Ramp Up Distribution Amount	\$ (5)	\$ -	\$ 5	-100.00% -100.00%	New charge type in 2022 New charge type in 2022
			\$ -	\$ -		0	New charge type in 2022 New charge type in 2024

			-							I
124		RtURDDistAoAmt	\$	-	\$		\$	(07)		New charge type in 2024
125		DA GFA Carve Out Distribution Deployment Daily Amount	\$	28		1		(27)	-96.00%	
126		DA GFA Carve Out Distribution Deployment Monthly Amount	\$	(0)		-	\$	0	-100.00%	
127	555.27	DA GFA Carve Out Distribution Deployment Yearly Amount	\$	 	\$		\$		0	
128 129		Total SPP Wholesale Market Charges	\$ (1	21,719)	\$	(58,700)	\$	63,019	-51.77%	
130		MICO ACM			_		1			
		MISO ASM	_		-	,	-			
131		Day Ahead Regulation Amount		20,722)		(82,384)		(61,662)	297.57%	
132		Real Time Regulation Amount	\$	(2,589)		(23,283)		(20,695)	799.38%	
133		Regulation Cost Distribution Amount		26,453		17,624		(8,830)	-33.38%	
134		Day Ahead Short-Term Reserve Amount		23,606)		(54,092)		(30,487)	129.15%	
135		Real Time Short-Term Reserve Amount	\$	(428)		2,458		2,887	-673.74%	
136		Short-Term Reserve Cost Distribution Amount	\$	13,752		26,890		13,137	95.53%	
137		Day Ahead Spinning Reserve Amount		55,918)		(47,736)		8,182	-14.63%	
138		Real Time Spinning Reserve Amount	\$	4,219		(1,167)		(5,385)	-127.66%	
139		Spinning Reserve Cost Distribution Amount		26,241		22,918		(3,323)	-12.66%	
140		Day Ahead Supplemental Reserve Amount		25,822)		(17,207)		8,615	-33.36%	
141		Real Time Supplemental Reserve Amount	\$	14,283		6,681		(7,602)	-53.23%	
142		Supplemental Reserve Cost Distribution Amount	\$	2,766		2,306		(460)	-16.62%	
143	555.51	Contingency Reserve Deployment Failure Charge Amount	\$	3,407			\$	(3,407)	-100.00%	
144		Real Time Excessive Deficient Energy Deployment Charge Amount	\$	1,927		26,685		24,758	1284.50%	
145		Short-Term Reserve Deployment Failure Charge Amount	\$		\$		\$		0	
146	555.49	Net Regulation Adjustment Amount	\$	1,016		14		(1,002)	-98.66%	
147		Total MISO ASM	\$	35,020)	\$	(120,294)	\$	(85,273)	243.50%	
148					L.		١			
149		Total Wholesale Market Charges	\$	24,318)	\$	(2,171,298)	\$	(2,146,980)	8828.82%	
150					1		1			
151			l		1		1			II
							_			
152	Purcha	sed Power								
153			[PROTECTI	D DATA	A BE	GINS				
153 154		Edgeley PPA	[PROTECTI	D DATA	A BE	GINS				
153 154 155		Edgeley PPA Langdon PPA	[PROTECTI	D DATA	A BE	GINS				
153 154 155 156		Edgeley PPA Langdon PPA Ashtabula III PPA	[PROTECTI	D DATA	A BEG	GINS				
153 154 155 156 157		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA)	IPROTECTI 	D DATA	A BE	GINS				Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance	[PROTECTI	ED DATA	A BEG	GINS				Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158 159		Edoeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads	[PROTECTI	ED DATA	A BEG	GINS				Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158 159 160		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen	[PROTECTI	ED DATA	A BEG	GINS				Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158 159 160 161		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Balteral purchases	[PROTECTI		A BEG					
153 154 155 156 157 158 159 160 161 162		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen	IPROTECTI							Not Applicable to EAR - Excluded from Total MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Blatteral purchases Market Purchases			<u> </u>				ED DATA ENDS]	MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Balteral purchases			<u> </u>			PROTECT 210,990		
153 154 155 156 157 158 159 160 161 162 163 164 165		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases	\$ 6,4	84,680	\$	6,695,670	\$	210,990	3.25%	MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164 165 166		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Blatteral purchases Market Purchases			\$		\$			MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164 165 166	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment	\$ 6,4	84,680 (4,824)	\$	6,695,670 33,857	\$	210,990 38,681	3.25% -801.87%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Enerry Imbalance Shared Loads Shared Loads Shall Co-gen Bilateral purchases Market Purchases Total Purchases urtallment Jased Sales	\$ 6,4	84,680 (4,824) 63,606)	\$ \$	6,695,670 33,857 (740,220)	\$	210,990 38,681 (276,614)	3.25% -801.87% 59.67%	MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 188	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment 3ased Sales Fuel Costs	\$ 6,4	84,680 (4,824) 63,606) 97,013)	\$ \$	6,695,670 33,857 (740,220) (576,975)	\$ \$ \$	210,990 38,681 (276,614) (379,962)	3.25% -801.87% 59.67% 192.86%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 170	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Enerry Imbalance Shared Loads Shared Loads Shall Co-gen Bilateral purchases Market Purchases Total Purchases urtallment Jased Sales	\$ 6,4	84,680 (4,824) 63,606)	\$ \$	6,695,670 33,857 (740,220)	\$ \$ \$	210,990 38,681 (276,614)	3.25% -801.87% 59.67%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 177	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtallment Sased Sales Fuel Costs Asset Based Margins	\$ 6,4	84,680 (4,824) 63,606) 97,013) 66,593)	\$ \$ \$ \$ \$ \$ \$ \$	6,695,670 33,857 (740,220) (576,975) (163,245)	\$ \$ \$ \$ \$ \$	210,990 38,681 (276,614) (379,962) 103,348	3.25% -801.87% -59.67% 192.86% -38.77%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment 3ased Sales Fuel Costs	\$ 6,4	84,680 (4,824) 63,606) 97,013)	\$ \$ \$ \$ \$ \$ \$ \$	6,695,670 33,857 (740,220) (576,975)	\$ \$ \$ \$ \$ \$	210,990 38,681 (276,614) (379,962)	3.25% -801.87% -59.67% 192.86% -38.77%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 166 167 168 169 170 171 172	Wind C Asset E	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Balteral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins ake Solar Generation Credit	\$ 6,4 \$ \$ (2) \$ \$ (2) \$ \$ (3)	84,680 (4,824) 63,606) 97,013) 66,593) 55,973)	\$ \$ \$ \$ \$	6,695,670 33,857 (740,220) (576,975) (163,245)	\$ \$ \$ \$ \$ \$ \$	210,990 38,681 (276,614) (379,962) 103,348 178,016	3.25% -801.87% 59.67% 192.86% -38.77% \$ (1)	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 171 172 172 173 174	Wind C Asset E	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtallment Sased Sales Fuel Costs Asset Based Margins	\$ 6,4 \$ \$ (2) \$ \$ (2) \$ \$ (3)	84,680 (4,824) 63,606) 97,013) 66,593)	\$ \$ \$ \$ \$	6,695,670 33,857 (740,220) (576,975) (163,245)	\$ \$ \$ \$ \$ \$ \$	210,990 38,681 (276,614) (379,962) 103,348	3.25% -801.87% 59.67% 192.86% -38.77% \$ (1)	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174	Wind C Asset E Hoot L	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Batteral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents	\$ 6,4 \$ \$ \$ (1) \$ (2) \$ (3)	84,680 (4,824) 63,606) 97,013) 66,593) 55,973) 39,940	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6,695,670 33,857 (740,220) (576,975) (163,245) (177,957) 151,899	\$ \$ \$ \$ \$ \$ \$ \$	210,990 38,681 (276,614) (379,962) 103,348 178,016	3.25% -801.87% -59.67% 192.86% -38.77% \$ (1)	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 170 171 172 173 174 175	Wind C Asset E Hoot L	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Balteral purchases Market Purchases Total Purchases urtaliment sased Sales Fuel Costs Asset Based Margins sake Solar Generation Credit	\$ 6,4 \$ \$ \$ (1) \$ (2) \$ (3)	84,680 (4,824) 63,606) 97,013) 66,593) 55,973)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6,695,670 33,857 (740,220) (576,975) (163,245)	\$ \$ \$ \$ \$ \$ \$ \$	210,990 38,681 (276,614) (379,962) 103,348 178,016	3.25% -801.87% -59.67% 192.86% -38.77% \$ (1)	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176	Wind C Asset E Hoot L	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Batteral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents	\$ 6,4 \$ 5 (4 \$ (3 \$ (3	84,680 (4,824) 63,606) 97,013) 66,593) 55,973) 39,940	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6,695,670 33,857 (740,220) (576,975) (163,245) (177,957) 151,899 (81,777)	\$ \$ \$ \$ \$ \$ \$ \$	210,990 38,681 (276,614) (379,962) 103,348 178,016	3.25% -801.87% 59.67% 192.86% -38.77% \$ (1) \$ (0)	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178	Wind C Asset E Hoot L Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Batteral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents	\$ 6,4 \$ \$ \$ (1) \$ (2) \$ (3)	84,680 (4,824) 63,606) 97,013) 66,593) 55,973) 39,940	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	6,695,670 33,857 (740,220) (576,975) (163,245) (177,957) 151,899	\$ \$ \$ \$ \$ \$ \$ \$	210,990 38,681 (276,614) (379,962) 103,348 178,016	3.25% -801.87% 59.67% 192.86% -38.77% \$ (1) \$ (0)	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 177 177	Wind C Asset E Hoot L Steam Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Shared Loads Small Co-gen Belieteral purchases Market Purchases Total Purchases urtailment Sased Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents Water Sales g Resource Auction Revenues	\$ 6,4 \$ \$ \$ (4 \$ (2) \$ (2) \$ (3) \$ (3) \$ (4)	84,680 (4,824) 63,606) 97,013 66,593 39,940 86,237)	\$ \$ \$ \$ \$ \$	6,695,670 33,857 (740,220) (576,975) (163,245) (177,957) 151,899 (81,777) (43,772)	\$ \$ \$ \$ \$ \$ \$ \$	210,990 38,681 (276,614) (379,962) 103,348 178,016 11,959 4,460	3.25% -801.87% -59.67% -92.86% -38.77% -38.77% -38.00 -38.00 -38.00 -38.00 -38.00 -38.00 -38.00 -38.00 -38.00 -38.00 -38.00 -38.00 -38.00 -38.00	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective January 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719 Effective June 2022
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178	Wind C Asset E Hoot L Steam Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Longdon Shared Longdon Bilderal purchases Market Purchases Total Purchases urtaliment Sased Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents Water Sales Water Sales Water Sales	\$ 6,4 \$ \$ \$ (4 \$ (2) \$ (2) \$ (3) \$ (3) \$ (4)	84,680 (4,824) 63,606) 97,013) 66,593) 55,973) 39,940 86,237)	\$ \$ \$ \$ \$ \$	6,695,670 33,857 (740,220) (576,975) (163,245) (177,957) 151,899 (81,777)	\$ \$ \$ \$ \$ \$ \$ \$	210,990 38,681 (276,614) (379,962) 103,348 178,016 11,959 4,460	3.25% -801.87% -59.67% -92.86% -38.77% -38.77% -38.00 -38.00 -38.00 -38.00 -38.00 -38.00 -38.00 -38.00 -38.00 -38.00 -38.00 -38.00 -38.00 -38.00	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719

^{***} These energy related charge types are reported in Market Purchases

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F	-		May 2024 Forecast	to Actual - Expen	se (Re	venue)
Line	Plant C	eneration	May 2024 Forecast [PROTECTED DATA	May 2024 Actual		Notes
1		Big Stone				
2		Coyote Hoot Lake #2				Hoot Lake plant closed in May 2021
5		Hoot Lake #3	PR	TECTED DATA E	NDS]	
6 7		Total Coal	124,546 IPROTECTED DAT	94,821		
8		Langdon Wind Ashtabula Wind	_			
10		Ashtabula III				
11 12		Luverne Wind Merricourt	_			
13 14		Total Wind and Solar	PR	OTECTED DATA E 90,948	NDS]	
15 16		Total Hydro	1,699	1,047		
17			[PROTECTED DAT	A BEGINS		
18 19		Jamestown 1 Jamestown 2				
20		Lake Preston	PR	TECTED DATA E	NDS]	
22		Total Oil - Peaking Units	PROTECTED DAT	A BEGINS		
24 25		Natural gas - Solway Natural gas - Astoria	_			
26 27		Total Natural Gas	PR	OTECTED DATA E 42,611		
28			[PROTECTED DAT	A BEGINS		
29 30		Solar - Blue Jay Solar - Blue Heron	_			
31 32		Solar - Hoot Lake Solar - Red Lake Falls Area SB Solar	_			
33 34		Solar - Karlstad Area SB Solar - Crookston Area SB	-			
35 36		Total Solar	PR	OTECTED DATA E 8,069	NDS]	
37						
38 39		Total OTP-Owned	235,447	237,497		
40 41		ale Market Charges MISO Wholesale Market Charges				
42 43	555.02	DA Asset Energy Amount*** DA FBT Loss Amount	N/A N/A	N/A N/A		
44 45	555.09	DA Non-asset Energy Amount*** RT Asset Energy Amount***	N/A N/A	N/A		
46	555.24	RT Distribution of Losses Amount	N/A	N/A		
47 48		RT FBT Loss Amount DA Loss Amount	N/A N/A			
49 50		RT Loss Amount RT Non-Asset Energy Amount***	N/A N/A	N/A N/A		
51 52	555.08	DA Losses Rebate on Option B GFA DA Virtual Energy Amount	N/A N/A	N/A N/A		
53 54	555.32	RT Virtual Energy Amount DA Mkt Admin Amount	N/A N/A			
55	555.18	RT Mkt Admin Amount	N/A	N/A		
56 57	555.03	FTR Mkt Admin Amount DA FBT Congestion Amount	N/A N/A	N/A N/A		
58 59	555.2	DA Congestion RT FBT Congestion Amount	N/A N/A	N/A N/A		
60 61		RT Congestion FTR Hourly Allocation Amount	N/A N/A			
62 63	555.15	FTR Monthly Allocation Amount FTR Yearly Allocation Amount	N/A N/A			
64	555.35	FTR Monthly Transaction Amount	N/A	N/A		
65 66	555.37	FTR Full Funding Guarantee Amount FTR Guarantee Uplift Amount	N/A N/A	N/A		
67 68	555.38	FTR Auction Revenue Rights Transaction Amount FTR Annual Transaction Amount	N/A N/A	N/A N/A		
69 70		FTR Auction Revenue Rights Infeasible Uplift Amount FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A N/A	N/A N/A		
71 72	555.07 555.1	DA Congestion Rebate on Option B GFA DA Revenue Sufficiency Guarantee Distribution Amount	N/A N/A			
73 74	555.11	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A N/A			
75	555.3	RT Revenue Sufficiency Guarantee First Pass Distribution Amount RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A		
76 77	555.28	RT Price Volatility Make Whole Payment RT Revenue Neutrality Uplift Amount	N/A N/A	N/A N/A		
78 79	555.25 555.27	RT Misc Amount RT Net Inadvertent Amount	N/A N/A	N/A N/A		
80 81	555.31	RT Uninstructed Deviation Amount RT Demand Response Allocation Uplift Amount	N/A N/A	N/A		
82	555.63	DA Ramp Product	N/A	N/A		
83 84	555.65	RT Ramp Product RT Schedule 49 Cost Distribution Amount	N/A N/A	N/A N/A		
85 86	555.56	RT ASM Non-Excessive Energy Amount*** RT ASM Excessive Energy Amount***	N/A N/A	N/A N/A		
87 88	555.06	DA Congestion Rebate on COGA DA Losses Rebate on COGA	N/A N/A	N/A	Ŀ	
89 90	555.22	RT Congestion Rebate on COGA RT Loss Rebate on COGA	N/A N/A	N/A		
91 92		Net Congestion and Losses Adjustment & No DA Generation Schedu	N/A	N/A		
93		Total MISO Wholesale Market Charges				
94 95		SPP Wholesale Market Charges				
96 97	555.03	DA Asset Energy Amount*** DA Non-asset Energy Amount	N/A N/A	N/A	L	
98 99	555.09	RT Asset Energy Amount*** RT Non-Asset Energy Amount	N/A N/A			
100	555.02	DA Make-Whole-Payment Distribution Amount	N/A	N/A		
101	555.18	RT Make-Whole-Payment Distribution Amount RT Revenue Sufficiency Guarantee Distribution Amount	N/A N/A	N/A N/A		
103 104	555.04	RT Revenue Neutrality Uplift Distribution Amount DA Regulation-Down Distribution Amount	N/A N/A	N/A		
105 106	555.06	DA Regulation-Up Distribution Amount DA Spinning Reserve Distribution Amount	N/A N/A	N/A		
107	555.07	DA Supplemental Reserve Distribution Amount RT Contingency Reserve Deployment Failure Amount	N/A N/A			
109	555.11	RT Over-Collected Losses Distribution Amount	N/A	N/A		
110 111	555.13	RT Regulation-Down Distribution Amount RT Regulation Non-Performance Distribution Amount	N/A N/A	N/A N/A		
112 113	555.16	RT Regulation-Up Distribution Amount RT Spinning Reserve Distribution Amount	N/A N/A			
114 115	555.17	RT Supplemental Reserve Distribution Amount RT Pseudo Tie Congestion Amount	N/A N/A	N/A		
116 117	555.21	RT Pseudo Tie Loss Amount Miscellaneous Amount	N/A N/A			
118	555.26	ARR Closeout Yearly Amount	N/A	N/A		
119 120	555.29	RT Demand Reduction Distribution Amount RT Schedule 1A3 Amount	N/A N/A			
121 122		RT Schedule 1A4 Amount DA Ramp Up Distribution Amount	N/A N/A			New charge type in 2022
123		DA Ramp Down Distribution Amount	N/A			New charge type in 2022

124	555.33 RT Ramp Non Performance Distribution Amount	N/A	N/A	$\overline{}$	New charge type in 2022
124	555.34 RT Ramp Non Performance Distribution Amount	N/A N/A	N/A N/A	-	New charge type in 2022 New charge type in 2022
125	555.35 RT Ramp Op Distribution Amount 555.35 RT Ramp Down Distribution Amount	N/A N/A	N/A N/A	-	New charge type in 2022 New charge type in 2022
				-	New charge type in 2022
127	555.01 DA GFA Carve Out Distribution Deployment Daily Amount	N/A	N/A	-	
128	555.22 DA GFA Carve Out Distribution Deployment Monthly Amount	N/A	N/A	—	
129	555.27 DA GFA Carve Out Distribution Deployment Yearly Amount	N/A	N/A		
130	Total SPP Wholesale Market Charges				
131				Ь.	
132	MISO ASM	<u> </u>		Щ.	
133	Day Ahead Regulation Amount	N/A	N/A	1	
134	Real Time Regulation Amount	N/A	N/A		
135	Regulation Cost Distribution Amount	N/A	N/A	1	
136	Day Ahead Short-Term Reserve Amount	N/A	N/A		
137	Real Time Short-Term Reserve Amount	N/A	N/A		
138	Short-Term Reserve Cost Distribution Amount	N/A	N/A		
139	Day Ahead Spinning Reserve Amount	N/A	N/A		
140	Real Time Spinning Reserve Amount	N/A	N/A		
141	Spinning Reserve Cost Distribution Amount	N/A	N/A		
142	Day Ahead Supplemental Reserve Amount	N/A	N/A		
143	Real Time Supplemental Reserve Amount	N/A	N/A	\vdash	
144	Supplemental Reserve Cost Distribution Amount	N/A	N/A	\vdash	
144	Contingency Reserve Deployment Failure Charge Amount	N/A	N/A	-	+
145	Real Time Excessive Deficient Energy Deployment Charge Amount	N/A N/A	N/A N/A	-	
				-	
147	Short-Term Reserve Deployment Failure Charge Amount	N/A	N/A	-	
148	Net Regulation Adjustment Amount	N/A	N/A	—	
149	Total MISO ASM				
150				Щ.	
151	Total Wholesale Market Charges			Щ.	
152				Щ.	
153		<u> </u>		Щ.	
154	Purchased Power	<u> </u>	<u> </u>	Щ.	
155		[PROTECTED DATA	A BEGINS	1	
156	Edgeley PPA	i .			
157	Langdon PPA		Ţ		
158	Ashtabula III PPA	_	Ţ		
159	Tribal (WAPA)	_	T		Not Applicable to EAR - Excluded from Total
160	WAPA Energy Imbalance		7		
161	Shared Loads	_	†		
162	Small Co-gen	_	†		
163	Bilateral purchases	_	+		
164	Market Purchases		+		MISO and SPP Energy Only
165		DDC	TECTED DATA EN	NDS1	
166	Total Purchases	208,382	225,758	.501	Tribal (WAPA) excluded from Total
167	Total Purchases	200,302	220,/50	-	Thibai (**75) 5) SAGIGGE HOTH TOTAL
168	Wind Curtailment	(500)	863	-	
	Willia Gurtainnefft	(509)	663	-	
169	110		(0.5	-	0 51 10 50 0 1 15 0 11 1 15
170	Asset Based Sales	(7,447)	(25,919)	—	Credit to MN FCA Calculation - Subtracted from Total
171	Fuel Costs			1	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
F.,	1.00.0000				Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
172	Asset Based Margins		į į	I	Based Sales
173	nasot basou margins			\vdash	5000 0000
174	Steam Plant Reagents		-	-	Effective July 2022 - Docket No. E017/GR-20-719
175	Steam Flant Neagents	-		-	Ellective July 2022 - Docket No. E017/GN-20-7 19
	0			-	5" " 11 0000 B 1 11 5047/0B 00 740
176	Steam/Water Sales	-	-	-	Effective July 2022 - Docket No. E017/GR-20-719
177				Ь—	
178	Planning Resource Auction Revenues	-	-	Ь—	Effective June 2022
179 180	Total System - Plant Level	ļ		—	
		435.872	438.198		Tribal (WAPA) excluded from Total: Asset Based Sales subtracted from Total

-			May 2024 Forecast	to Actual - Expen	se (Reveni	ue)
Line	Diam's C		May 2024 Forecast	May 2024 Actual		Notes
1	Plant G	eneration Big Stone		A DEGINS		
3		Coyote		PROTECTED DAT	TA ENDS1	
4 5		Total Coal	\$ 25.49 [PROTECTED DATA	\$ 34.47		
6		Langdon Wind	_			
7 8		Ashtabula Wind Ashtabula III	_	_		
9 10		Luverne Wind Merricourt	_	_		
11		Total Wind		PROTECTED DAT	A ENDS	
13						
14 15		Total Hydro	PROTECTED DATA	\$ - A BEGINS		
16 17		Jamestown 1 Jamestown 2	_			
18 19		Lake Preston		PROTECTED DAT	TA ENDO	
20		Total Oil - Peaking Units	\$ -	\$ -	A ENDS]	
21		Natural gas - Solway	[PROTECTED DATA	A BEGINS		
23 24		Natural gas - Astoria		PROTECTED DAT	TA ENDS1	
25 26		Total Natural Gas	\$ 36.14 [PROTECTED DATA	\$ 22.38		
27		Solar - Blue Jay	-	BEGING		
28 29		Solar - Blue Heron Solar - Hoot Lake	i	i.		
30 31		Total Solar	s -	.PROTECTED DAT	A ENDS]	
32		Total OTP-Owned				
34			¥ 01.03	J 00.05		
35 36		ale Market Charges MISO Wholesale Market Charges				
37 38	555.02	DA Asset Energy Amount*** DA FBT Loss Amount	N/A N/A	N/A N/A		
39 40	555.09	DA Non-asset Energy Amount*** RT Asset Energy Amount***	N/A N/A	N/A N/A		
41	555.24	RT Distribution of Losses Amount	N/A	N/A		
42 43		RT FBT Loss Amount DA Loss Amount	N/A N/A	N/A N/A		
44 45	555 26	RT Loss Amount RT Non-Asset Energy Amount***	N/A N/A	N/A N/A		
46 47	555.08	DA Losses Rebate on Option B GFA DA Virtual Energy Amount	N/A N/A	N/A N/A		
48	555.32	RT Virtual Energy Amount	N/A	N/A		
49 50		DA Mkt Admin Amount RT Mkt Admin Amount	N/A N/A	N/A N/A		
51 52	555.13 555.03	FTR Mkt Admin Amount DA FBT Congestion Amount	N/A N/A	N/A N/A		
53 54		DA Congestion	N/A N/A	N/A N/A		
55		RT FBT Congestion Amount RT Congestion	N/A	N/A		
56 57		FTR Hourly Allocation Amount FTR Monthly Allocation Amount	N/A N/A	N/A N/A		
58 59	555.17 555.35	FTR Yearly Allocation Amount FTR Monthly Transaction Amount	N/A N/A	N/A N/A		
60 61	555.36	FTR Full Funding Guarantee Amount FTR Guarantee Uplift Amount	N/A N/A	N/A N/A		
62	555.39	FTR Auction Revenue Rights Transaction Amount	N/A	N/A		
63 64	555.40	FTR Annual Transaction Amount FTR Auction Revenue Rights Infeasible Uplift Amount	N/A N/A	N/A N/A		
65 66		FTR Auction Revenue Rights Stage 2 Distribution Amount DA Congestion Rebate on Option B GFA	N/A N/A	N/A N/A		
67 68	555.1	DA Revenue Sufficiency Guarantee Distribution Amount DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A N/A	N/A N/A		
69 70	555.29	RT Revenue Sufficiency Guarantee First Pass Distribution Amount RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A N/A	N/A N/A		
71	555.42	RT Price Volatility Make Whole Payment	N/A	N/A		
72 73		RT Revenue Neutrality Uplift Amount RT Misc Amount	N/A N/A	N/A N/A		
74 75		RT Net Inadvertent Amount RT Uninstructed Deviation Amount	N/A N/A	N/A N/A		
76 77	555.59	RT Demand Response Allocation Uplift Amount DA Ramp Product	N/A N/A	N/A N/A		
78	555.64	DA Kamp Product RT Ramp Product RT Schedule 49 Cost Distribution Amount	N/A	N/A		
79 80	555.55	RT ASM Non-Excessive Energy Amount***	N/A N/A	N/A N/A		
81 82	555.56 555.05	RT ASM Excessive Energy Amount*** DA Congestion Rebate on COGA	N/A N/A	N/A N/A		
83 84	555.06	DA Losses Rebate on COGA RT Congestion Rebate on COGA	N/A N/A	N/A N/A		
85	555.23	RT Loss Rebate on COGA	N/A	N/A		
86 87		Net Congestion and Losses Adjustment & No DA Generation Schedule	N/A	N/A		
88 89		Total MISO Wholesale Market Charges				
90 91	555 10	SPP Wholesale Market Charges DA Asset Energy Amount***	N/A	N/A	-	
92	555.03	DA Non-asset Energy Amount	N/A N/A	N/A N/A		
94	555	RT Asset Energy Amount*** RT Non-Asset Energy Amount	N/A	N/A		
95 96	555.1	DA Make-Whole-Payment Distribution Amount RT Make-Whole-Payment Distribution Amount	N/A N/A	N/A N/A		
97 98	555.18	RT Revenue Sufficiency Guarantee Distribution Amount RT Revenue Neutrality Uplift Distribution Amount	N/A N/A	N/A N/A		
99	555.04	DA Regulation-Down Distribution Amount DA Regulation-Up Distribution Amount	N/A N/A	N/A N/A		
101	555.06	DA Segulation-op Distribution Amount DA Spinning Reserve Distribution Amount DA Supplemental Reserve Distribution Amount	N/A	N/A		
102 103	555.08	RT Contingency Reserve Deployment Failure Amount	N/A N/A	N/A N/A		
104 105	555.12	RT Over-Collected Losses Distribution Amount RT Regulation-Down Distribution Amount	N/A N/A	N/A N/A		
106 107	555.13	RT Regulation Non-Performance Distribution Amount RT Regulation-Up Distribution Amount	N/A N/A	N/A N/A		
108	555.16	RT Spinning Reserve Distribution Amount	N/A N/A	N/A N/A		
110	555.2	RT Supplemental Reserve Distribution Amount RT Pseudo Tie Congestion Amount	N/A	N/A		
111 112	555.23	RT Pseudo Tie Loss Amount Miscellaneous Amount	N/A N/A	N/A N/A		
113 114	555.26	ARR Closeout Yearly Amount RT Demand Reduction Distribution Amount	N/A N/A	N/A N/A	_	
115	555.29	RT Schedule 1A3 Amount RT Schedule 1A4 Amount	N/A N/A	N/A N/A		
117	555.31	DA Ramp Up Distribution Amount	N/A	N/A		New charge type in 2022
118 119	555.33	DA Ramp Down Distribution Amount RT Ramp Non Performance Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022 New charge type in 2022
120 121		RT Ramp Up Distribution Amount RT Ramp Down Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022 New charge type in 2022
122 123	555.01	DA GFA Carve Out Distribution Deployment Daily Amount DA GFA Carve Out Distribution Deployment Monthly Amount	N/A N/A	N/A N/A		
123	JJJ.22		IN/A	IN/A		ı

24	555.27	DA GFA Carve Out Distribution Deployment Yearly Amount	N/A	N/A		
25	555.21	Total SPP Wholesale Market Charges	19/73	19//3		
26		Total of F Wholesale market of all goo				
127		MISO ASM				
128		Day Ahead Regulation Amount	N/A	N/A		
129		Real Time Regulation Amount	N/A N/A	N/A N/A		
130			N/A N/A	N/A N/A		
		Regulation Cost Distribution Amount				
131		Day Ahead Short-Term Reserve Amount	N/A	N/A		
132		Real Time Short-Term Reserve Amount	N/A	N/A		
133		Short-Term Reserve Cost Distribution Amount	N/A	N/A		
134		Day Ahead Spinning Reserve Amount	N/A	N/A		
135		Real Time Spinning Reserve Amount	N/A	N/A		
136		Spinning Reserve Cost Distribution Amount	N/A	N/A		
137		Day Ahead Supplemental Reserve Amount	N/A	N/A		
138		Real Time Supplemental Reserve Amount	N/A	N/A		
139		Supplemental Reserve Cost Distribution Amount	N/A	N/A		
140		Contingency Reserve Deployment Failure Charge Amount	N/A	N/A		
141		Real Time Excessive Deficient Energy Deployment Charge Amount	N/A	N/A		
142		Short-Term Reserve Deployment Failure Charge Amount	N/A	N/A		
143		Net Regulation Adjustment Amount	N/A	N/A		
144		Total MISO ASM				
145		Total miles From				
146		Total Wholesale Market Charges				
147		Total Prilotodic Market Orlarges			-	
148						
149	Domeles	sed Power				
150	Purcha		IPROTECTED DATA	A DECINE		
151		Edgeley PPA	[FROIECIED DAI/	H DEGINS		
			-			
152		Langdon PPA	_			
153		Ashtabula III PPA	_			
154		Tribal (WAPA)	_			Not Applicable to EAR - Excluded from Total
155		WAPA Energy Imbalance	_			
156		Shared Loads				
157		Small Co-gen	L			
158		Bilateral purchases				
159		Market Purchases		i		MISO and SPP Energy Only
160				PROTECTED DA	TA ENDS]	
161		Total Purchases	\$ 31.12	\$ 29.66		Tribal (WAPA) excluded from Total
162						
163	Wind C	urtailment	\$ 9.47	\$ 39.23		
164						
165	Asset F	Based Sales	\$ 62.26	\$ 28.56		
.00	, .336t L	2000 0000	y 02.20	¥ 20.50		Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
166		Fuel Costs	N/A	N/A	1	Based Sales
100		rudi Cosis	IN/A	IN/A		Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
407					1	Huel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
167		Asset Based Margins	N/A	N/A		Daseu Sales
168						
169	Steam	Plant Reagents	N/A	N/A		Effective July 2022 - Docket No. E017/GR-20-719
170						
171	Steam/	Water Sales	N/A	N/A		Effective July 2022 - Docket No. E017/GR-20-719
172						
173	Plannin	g Resource Auction Revenues	N/A	N/A		Effective June 2022
174		-		1		
		ystem - Plant Level	\$ 21.37	\$ 18.02		Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total
175						

_						
		June 2024	June 2024	Actual - Expense (Revenue)	
Line	Plant Generation	Forecast [PROTECTED DATA	Actual			Notes
1	Big Stone	-	DEGING	-		
3	Coyote Hoot Lake #2	-				Hoot Lake plant closed in May 2021
4 5	Hoot Lake #3	-		PROTEC	TED DATA ENDS]	
6	Total Coal					
7	Langdon Wind	PROTECTED DATA	BEGINS	I	1	
9	Ashtabula Wind	-				
10 11	Luverne Wind Merricourt	-				
12					TED DATA ENDS]	
13 14	Total Wind	• -	\$ -	\$ -	0	
15 16	Total Hydro	\$ - [PROTECTED DATA	\$ -	\$ -	0	
17	Jamestown 1	-	BEGINS	1	+	
18 19	Jamestown 2 Lake Preston	= .				
20					TED DATA ENDS]	
21 22	Total Oil - Peaking Units	[PROTECTED DATA	\$ 1,275 BEGINS	\$ 1,275	0	
23 24	Natural gas - Solway Natural gas - Astoria			•		
25					TED DATA ENDS]	
26 27	Total Natural Gas	\$ 443,611 [PROTECTED DATA		\$ (35,295	-7.96%	
28	Solar - Blue Jay	-		1	1	
29 30	Solar - Blue Heron Solar - Hoot Lake	<u> </u>				
31 32	Total Solar	•	s -	PROTEC	TED DATA ENDS]	
33						
34 35	Total OTP-Owned	\$ 3,707,101	\$ 4,912,531	\$ 1,205,430	32.52%	
36	Wholesale Market Charges					
37 38	MISO Wholesale Market Charges 555.02 DA Asset Energy Amount***	s -	s -	s -	0	Energy Amounts - included/embedded within Market Purchases
39	555.04 DA FBT Loss Amount	\$ -	\$ -	\$ -	0	
40 41	555.09 DA Non-asset Energy Amount*** 555.19 RT Asset Energy Amount***	\$ -	\$ - \$ -	\$ - \$ -	0	Energy Amounts - included/embedded within Market Purchases Energy Amounts - included/embedded within Market Purchases
42 43	555.24 RT Distribution of Losses Amount	\$ (302,234)	\$ (183,511) \$ -	\$ 118,723	-39.28%	
44	555.21 RT FBT Loss Amount DA Loss Amount	\$ - \$ 764,317	\$ 81,097	\$ (683,220	-89.39%	
45 46	RT Loss Amount 555.26 RT Non-Asset Energy Amount***		\$ (6,563) \$ -	\$ (50,295	-115.01%	Energy Amounts - included/embedded within Market Purchases
47	555.08 DA Losses Rebate on Option B GFA	\$ -	\$ -	\$ -	0	
48 49	555.12 DA Virtual Energy Amount 555.32 RT Virtual Energy Amount	\$ - \$ -	\$ - \$ -	\$ -	0	
50 51	555.01 DA Mkt Admin Amount 555.18 RT Mkt Admin Amount	\$ 56,267 \$ 11,278	\$ 52,412 \$ 8,970	\$ (3,855 \$ (2,308	-6.85%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
52	555.13 FTR Mkt Admin Amount	\$ 2,243		\$ (2,306)		Excluded from Total MISO Wholesale Market Charges - Not MIN EAR Applicable Excluded from Total MISO Wholesale Market Charges - Not MIN EAR Applicable
53 54	555.03 DA FBT Congestion Amount DA Congestion	\$ - \$ 2,214,110	\$ - \$ 590,198	\$ -	73.34%	
55	555.20 RT FBT Congestion Amount	\$ -	\$ -	\$ -	0	
56 57	RT Congestion 555.14 FTR Hourly Allocation Amount	\$ 242,079 \$ (2,677,043)		\$ (205,141 \$ 1,002,545		
58	555.15 FTR Monthly Allocation Amount	\$ (65,552)	\$ (19,117)	\$ 46,435	-70.84%	
59 60	555.17 FTR Yearly Allocation Amount 555.35 FTR Monthly Transaction Amount	\$ - \$ -	\$ -	\$ -	0	
61 62	555.36 FTR Full Funding Guarantee Amount 555.37 FTR Guarantee Uplift Amount	\$ 59,646 \$ (59,845)		\$ (89,313 \$ 106,545		
63	555.39 FTR Auction Revenue Rights Transaction Amount	\$ (4,428,580)	\$ (4,005,939)	\$ 422,641	-9.54%	
64 65	555.38 FTR Annual Transaction Amount 555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	\$ 4,418,041 \$ 13,217				
66 67	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount 555.07 DA Congestion Rebate on Option B GFA	\$ (97,807) \$ -	\$ (214,831)			
68	555.10 DA Revenue Sufficiency Guarantee Distribution Amount	\$ 16,726	\$ 5,218	\$ (11,508	-68.81%	
69 70	555.11 DA Revenue Sufficiency Guarantee Make Whole Pymt Amount 555.29 RT Revenue Sufficiency Guarantee First Pass Distribution Amount	\$ (14,382) \$ 53,082		\$ 7,115 \$ (50,124		
71	555.30 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (229,119)	\$ -	\$ 229,119	-100.00%	
72 73	555.42 RT Price Volatility Make Whole Payment 555.28 RT Revenue Neutrality Uplift Amount	\$ (55,542) \$ 117,809	\$ (35,289) \$ 112,305	\$ 20,253 \$ (5,504		
74 75	555.25 RT Misc Amount 555.27 RT Net Inadvertent Amount	\$ 6,775 \$ 170	\$ -	\$ (6,775	-100.00%	
76	555.31 RT Uninstructed Deviation Amount	\$ -	\$ -	\$ -	0	
77 78	555.59 RT Demand Response Allocation Uplift Amount 555.63 DA Ramp Product	\$ 28,141 \$ (3,965)		\$ (28,087 \$ (11,519		
79	555.64 RT Ramp Product	\$ (883)	\$ (1,064)	\$ (180) 20.40%	
80 81	555.65 RT Schedule 49 Cost Distribution Amount 555.55 RT ASM Non-Excessive Energy Amount***	\$ 14,974 \$ -	\$ 25,458 \$ -	\$ 10,484 \$ -	70.02%	
82 83	555.56 RT ASM Excessive Energy Amount*** 555.05 DA Congestion Rebate on COGA	\$ -	\$ - \$ -	\$ - \$ -	0	
84	555.06 DA Losses Rebate on COGA	\$ -	\$ -	\$ -	0	
85 86	555.22 RT Congestion Rebate on COGA 555.23 RT Loss Rebate on COGA		\$ - \$ -	\$ -	0	
87 88	Net Congestion and Losses Adjustment & No DA Generation Schedule	\$ -	\$ (703,053)			
89	Total MISO Wholesale Market Charges	\$ 57,868	\$ (2,028,669)	\$ (2,086,537	-3605.69%	Total Excludes Schedule 16 and 17 (Lines 40, 41, 42 Above)
90 91	SPP Wholesale Market Charges					
92	555.19 DA Asset Energy Amount***	\$ -	\$ -	\$ -		Energy Amounts - included/embedded within Market Purchases
93 94	555.03 DA Non-asset Energy Amount 555.09 RT Asset Energy Amount***	\$ - \$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
95	555.00 RT Non-Asset Energy Amount	\$ -	\$ -	\$ -	0	
96 97	555.02 DA Make-Whole-Payment Distribution Amount 555.10 RT Make-Whole-Payment Distribution Amount	\$ - \$ 1,109	\$ -	\$ - \$ (1,148) -103.55%	
98 99	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	\$ - \$ 248	\$ -	\$ -	106.54%	
100	555.15 RT Revenue Neutrality Uplift Distribution Amount 555.04 DA Regulation-Down Distribution Amount	\$ 16	\$ (2)	\$ (18	-109.65%	
101 102	555.05 DA Regulation-Up Distribution Amount 555.06 DA Spinning Reserve Distribution Amount	\$ 62 \$ 74				
103	555.07 DA Supplemental Reserve Distribution Amount	\$ 11	\$ (0)	\$ (11	-101.80%	
104 105	555.08 RT Contingency Reserve Deployment Failure Amount 555.11 RT Over-Collected Losses Distribution Amount	\$ (2) \$ (26,765)		\$ 2 \$ 21,716	-81.14%	
106 107	555.12 RT Regulation-Down Distribution Amount	\$ 3 \$ (2)				
108	555.13 RT Regulation Non-Performance Distribution Amount 555.14 RT Regulation-Up Distribution Amount	\$ (3)	\$ 0	\$ 3	-109.75%	
109 110	555.16 RT Spinning Reserve Distribution Amount 555.17 RT Supplemental Reserve Distribution Amount	\$ (1) \$ (3)	\$ (0)	\$ 1 \$ 3		
111	555.20 RT Pseudo Tie Congestion Amount	\$ (77,564)	\$ (72,893)	\$ 4,671	-6.02%	
112 113	555.21 RT Pseudo Tie Loss Amount 555.23 Miscellaneous Amount	\$ (18,087) \$ (3)	\$ -	\$ 3	-100.00%	
114	555.26 ARR Closeout Yearly Amount	\$ (138,684)	\$ (267,888)	\$ (129,204	93.16%	
116	555.28 RT Demand Reduction Distribution Amount 555.29 RT Schedule 1A3 Amount	\$ 0 \$ 7	\$ (0)		-104.29%	
117 118		\$ 37 \$ 74	\$ (1)	\$ (38	-102.79%	New charge type in 2022
119	555.32 DA Ramp Down Distribution Amount	\$ -	\$ -	\$ -	0	New charge type in 2022
120 121	555.33 RT Ramp Non Performance Distribution Amount 555.34 RT Ramp Up Distribution Amount	\$ (1) \$ (5)		\$ 0 \$ 5	-100.00%	New charge type in 2022 New charge type in 2022
122	555.35 RT Ramp Down Distribution Amount	\$ -	\$ -	\$ -	0	New charge type in 2022
123	555.36 ArrAucTxnAoAmt	\$ -	\$ -	\$ -	1 0	New charge type in 2024

						- 1 -			
124		RtURDDistAoAmt	\$. :	\$ -	4) 8	- (00)		New charge type in 2024
125		DA GFA Carve Out Distribution Deployment Daily Amount	\$	28 :		1) \$		-103.97%	
126		DA GFA Carve Out Distribution Deployment Monthly Amount	\$	(0)		\$		-100.00%	
127	555.27	DA GFA Carve Out Distribution Deployment Yearly Amount		(38)		3) \$		-39.67%	
128 129		Total SPP Wholesale Market Charges	\$ (259,	189)	\$ (357,99	1) \$	(98,502)	37.96%	
130		MICO ACM		_		_			
		MISO ASM							
131		Day Ahead Regulation Amount		26)				62.89%	
132		Real Time Regulation Amount		65)				-453.68%	
133		Regulation Cost Distribution Amount		31					
134		Day Ahead Short-Term Reserve Amount		970)				160.89%	
135		Real Time Short-Term Reserve Amount		360)				153.05%	
136		Short-Term Reserve Cost Distribution Amount		25				29.61%	
137		Day Ahead Spinning Reserve Amount			\$ (48,46			-29.35%	
138		Real Time Spinning Reserve Amount		781				-174.54%	
139		Spinning Reserve Cost Distribution Amount)57				-37.62%	
140		Day Ahead Supplemental Reserve Amount		860)				-77.34%	
141		Real Time Supplemental Reserve Amount		242				-54.94%	
142		Supplemental Reserve Cost Distribution Amount		35				-77.21%	
143	555.51	Contingency Reserve Deployment Failure Charge Amount		107		\$			
144		Real Time Excessive Deficient Energy Deployment Charge Amount		27				-464.05%	
145		Short-Term Reserve Deployment Failure Charge Amount			\$ <u>-</u>			0	
146	555.49	Net Regulation Adjustment Amount		16				514.55%	
147		Total MISO ASM	\$ (98,	350)	\$ (132,04	5) \$	(33,195)	33.58%	
148						_			
149		Total Wholesale Market Charges	\$ (300,	71)	\$ (2,518,70	5) \$	\$ (2,218,234)	738.25%	
150						_ _			
151				- 1					
				_		_			
152	Purcha	sed Power							
153			[PROTECTED [ATA I	BEGINS				
153 154		Edgeley PPA	[PROTECTED I	ATA I	BEGINS				
153 154 155		Edgeley PPA Langdon PPA	[PROTECTED [ATA	BEGINS				
153 154 155 156		Edgeley PPA Langdon PPA Ashtabula III PPA	[PROTECTED [ATA I	BEGINS				
153 154 155 156 157		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA)	[PROTECTED [ATA I	BEGINS				Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance	[PROTECTED I	ATA I	BEGINS				Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158 159		Edoeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads	[PROTECTED I	DATA I	BEGINS				Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158 159 160		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen	[PROTECTED I	IATA I	BEGINS				Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158 159 160 161		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Balteral purchases	[PROTECTED I	JATA I	BEGINS				
153 154 155 156 157 158 159 160 161 162		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen	[PROTECTED I	DATA I	BEGINS				Not Applicable to EAR - Excluded from Total MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Blatteral purchases Market Purchases						ED DATA ENDS]	MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Balteral purchases			BEGINS \$ 5,032,06	2 \$			
153 154 155 156 157 158 159 160 161 162 163 164 165		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases	\$ 6,634,	300	\$ 5,032,06		(1,602,238)	-24.15%	MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164 165 166		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Blatteral purchases Market Purchases	\$ 6,634,	800			(1,602,238)		MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment	\$ 6,634,	800	\$ 5,032,06 \$ 25,70	5 \$	(1,602,238)	-24.15% -53.23%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Enerry Imbalance Shared Loads Shared Loads Shall Co-gen Bilateral purchases Market Purchases Total Purchases urtallment Jased Sales	\$ 6,634; \$ 54,	958	\$ 5,032,06 \$ 25,70 \$ 290,87	5 \$	\$ (1,602,238) \$ (29,253) \$ 734,516	-24.15% -53.23% -165.57%	MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 188	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment 3ased Sales Fuel Costs	\$ 6,634; \$ 54,1 \$ (443,1 \$ (198,2)	300 958 641)	\$ 5,032,06 \$ 25,70 \$ 290,87 \$ (204,58	5 \$ 6 \$ 9) \$	\$ (1,602,238) \$ (29,253) \$ 734,516 \$ (6,187)	-24.15% -53.23% -165.57% 3.12%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 170	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Enerry Imbalance Shared Loads Shared Loads Shall Co-gen Bilateral purchases Market Purchases Total Purchases urtallment Jased Sales	\$ 6,634; \$ 54,1 \$ (443,1 \$ (198,2)	958	\$ 5,032,06 \$ 25,70 \$ 290,87 \$ (204,58	5 \$ 6 \$ 9) \$	\$ (1,602,238) \$ (29,253) \$ 734,516 \$ (6,187)	-24.15% -53.23% -165.57%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 177	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtallment Sased Sales Fuel Costs Asset Based Margins	\$ 6,634, \$ 54, \$ (443, \$ (198, \$ (245,	300 958 641) 102) 238)	\$ 5,032,06 \$ 25,70 \$ 290,87 \$ (204,58 \$ 495,46	5 \$ 9) \$ 5	\$ (1,602,238) \$ (29,253) \$ 734,516 \$ (6,187) \$ 740,703	-24.15% -53.23% -165.57% 3.12% -302.03%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment 3ased Sales Fuel Costs	\$ 6,634; \$ 54,1 \$ (443,1 \$ (198,2)	300 958 641) 102) 238)	\$ 5,032,06 \$ 25,70 \$ 290,87 \$ (204,58 \$ 495,46	5 \$ 9) \$ 5	\$ (1,602,238) \$ (29,253) \$ 734,516 \$ (6,187) \$ 740,703	-24.15% -53.23% -165.57% 3.12% -302.03%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 166 167 168 169 170 171 172	Wind C Asset E	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Balteral purchases Market Purchases Total Purchases urtaliment sased Sales Fuel Costs Asset Based Margins sake Solar Generation Credit	\$ 6,634, \$ 54, \$ (443, \$ (198, \$ (245, \$ (366,	300 358 541) 102) 338)	\$ 5,032,06 \$ 25,70 \$ 290,87 \$ (204,58 \$ 495,46 \$ (206,34	5 \$ 6 \$ 9) \$ 5 \$	\$ (1,602,238) \$ (29,253) \$ 734,516 \$ (6,187) \$ 740,703 \$ 160,632	-24.15% -53.23% -165.57% 3.12% -302.03% \$ (0)	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 171 172 172 173 174	Wind C Asset E	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtallment Sased Sales Fuel Costs Asset Based Margins	\$ 6,634, \$ 54, \$ (443, \$ (198, \$ (245, \$ (366,	300 958 641) 102) 238)	\$ 5,032,06 \$ 25,70 \$ 290,87 \$ (204,58 \$ 495,46 \$ (206,34	5 \$ 6 \$ 9) \$ 5 \$	\$ (1,602,238) \$ (29,253) \$ 734,516 \$ (6,187) \$ 740,703 \$ 160,632	-24.15% -53.23% -165.57% 3.12% -302.03% \$ (0)	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174	Wind C Asset E Hoot L	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Batteral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents	\$ 6,634, \$ 54, \$ (443, \$ (198, \$ (245, \$ (366,	300 300 300 300 300 300 300 300	\$ 5,032,06 \$ 25,70 \$ 290,87 \$ (204,56; \$ 495,46; \$ (206,34	5 \$ 6 \$ 9) \$ 5 \$ 6 \$ 9 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5	\$ (1,602,238) \$ (29,253) \$ 734,516 \$ (6,187) \$ 740,703 \$ 160,632	-24.15% -53.23% -165.57% 3.12% -302.03% \$ (0)	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 170 171 172 173 174 175	Wind C Asset E Hoot L	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Balteral purchases Market Purchases Total Purchases urtaliment sased Sales Fuel Costs Asset Based Margins sake Solar Generation Credit	\$ 6,634, \$ 54, \$ (443, \$ (198, \$ (245, \$ (366,	300 358 541) 102) 338)	\$ 5,032,06 \$ 25,70 \$ 290,87 \$ (204,56; \$ 495,46; \$ (206,34	5 \$ 6 \$ 9) \$ 5 \$ 6 \$ 9 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5	\$ (1,602,238) \$ (29,253) \$ 734,516 \$ (6,187) \$ 740,703 \$ 160,632	-24.15% -53.23% -165.57% 3.12% -302.03% \$ (0)	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176	Wind C Asset E Hoot L	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Batteral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents	\$ 6,634, \$ 54, \$ 198, \$ (198, \$ (245, \$ (366, \$ (37,	300 300 300 300 300 300 300 300	\$ 5,032,06 \$ 25,70 \$ 290,87 \$ (204,58 \$ (206,34 \$ 243,99 \$ (93,04	5 \$ 9) \$ 5 \$ 0) \$ 8 \$ 1) \$	\$ (1,602,238) \$ (29,253) \$ 734,516 \$ (6,187) \$ 740,703 \$ 160,632 \$ 96,525 \$ (5,293)	-24.15% -53.23% -165.57% -3.12% -302.03% \$ (0) \$ 1	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178	Wind C Asset E Hoot L Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Batteral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents	\$ 6,634, \$ 54, \$ (198,8) \$ (198,8) \$ (245,5) \$ (366,1) \$ (87,1)	300 958 541) 602) 238) 772)	\$ 5,032,06 \$ 25,70 \$ 290,87 \$ (204,56; \$ 495,46; \$ (206,34	5 \$ 9) \$ 5 \$ 0) \$ 8 \$ 1) \$	\$ (1,602,238) \$ (29,253) \$ 734,516 \$ (6,187) \$ 740,703 \$ 160,632 \$ 96,525 \$ (5,293)	-24.15% -53.23% -165.57% -3.12% -302.03% \$ (0) \$ 1	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176	Wind C Asset E Hoot L Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Longdon Shared Longdon Belateral purchases Market Purchases Total Purchases urtaliment Sased Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents Water Sales Water Sales Water Sales	\$ 6,634, \$ 54, \$ 198, \$ (198, \$ (245, \$ (366, \$ (37,	300 958 541) 602) 238) 772)	\$ 5,032,06 \$ 25,70 \$ 290,87 \$ (204,58 \$ (206,34 \$ 243,99 \$ (93,04	5 \$ 9) \$ 5 \$ 0) \$ 8 \$ 1) \$	\$ (1,602,238) \$ (29,253) \$ 734,516 \$ (6,187) \$ 740,703 \$ 160,632 \$ 96,525 \$ (5,293)	-24.15% -53.23% -165.57% -3.12% -302.03% \$ (0) \$ 1	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178	Wind C Asset E Hoot L Steam Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Longdon Shared Longdon Belateral purchases Market Purchases Total Purchases urtaliment Sased Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents Water Sales Water Sales Water Sales	\$ 6,634, \$ 54, \$ 198, \$ (198, \$ (245, \$ (366, \$ (37,	058 058 0541) 002) 238) 072)	\$ 5,032,06 \$ 25,70 \$ 290,87 \$ (204,585 \$ 495,465 \$ (206,34 \$ 243,99 \$ (93,04	5 \$ 6 \$ 9) \$ 5 \$ 60) \$ 8 \$ 1) \$ 6) \$	\$ (1,602,238) \$ (29,253) \$ 734,516 \$ (6,187) \$ 740,703 \$ 160,632 \$ 96,525 \$ (5,293)	-24.15% -53.23% -165.57% -31.2% -302.03% \$ (0) \$ 1 \$ 0	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719

^{***} These energy related charge types are reported in Market Purchases

F			June 2024 Forecast	to Actual - Exper	se (Re	evenue)
15	Dr		Forecast	June 2024 Actual		Notes
Line 1		eneration Big Stone	[PROTECTED DATA	A BEGINS		
3		Coyote Hoot Lake #2				Host Lake plant algored in May 2024
4		Hoot Lake #2	_			Hoot Lake plant closed in May 2021
5 6		Total Coal	PR	OTECTED DATA E 143,598		
7 8		Langdon Wind	[PROTECTED DAT			
9		Ashtabula Wind				
10 11		Ashtabula III Luverne Wind	_	-		
12		Merricourt	- DD	OTECTED DATA E	NDC1	
14		Total Wind and Solar	89,708		NDOJ	
15 16		Total Hydro	1,644	969		
17 18		Jamestown 1	[PROTECTED DAT	A BEGINS		
19		Jamestown 2				
20		Lake Preston	PR	OTECTED DATA E	NDS]	
22 23		Total Oil - Peaking Units	PROTECTED DAT	A REGINS		
24		Natural gas - Solway		A DEGINO		
25 26		Natural gas - Astoria	PR	OTECTED DATA E	NDS]	
27 28		Total Natural Gas	12,576 [PROTECTED DAT	13,273 A BEGINS		
29 30		Solar - Blue Jay Solar - Blue Heron				
31		Solar - Hoot Lake				
32 33		Solar - Red Lake Falls Area SB Solar Solar - Karlstad Area SB				
34 35		Solar - Crookston Area SB	-	OTECTED DATA E	NDei	
36		Total Solar			נטטו	
37 38		Total OTP-Owned	234,486	254,014		
39 40	Wholes	ale Market Charges				
41		MISO Wholesale Market Charges				
42 43	555.04	DA Asset Energy Amount*** DA FBT Loss Amount	N/A N/A	N/A N/A		
44 45	555.09	DA Non-asset Energy Amount*** RT Asset Energy Amount***	N/A N/A			
46	555.24	RT Distribution of Losses Amount	N/A	N/A		
47 48		RT FBT Loss Amount DA Loss Amount	N/A N/A			
49 50		RT Loss Amount RT Non-Asset Energy Amount***	N/A N/A	N/A N/A		
51	555.08	DA Losses Rebate on Option B GFA	N/A	N/A		
52 53	555.32	DA Virtual Energy Amount RT Virtual Energy Amount	N/A N/A			
54 55	555.01	DA Mkt Admin Amount RT Mkt Admin Amount	N/A N/A			
56	555.13	FTR Mkt Admin Amount	N/A	N/A		
57 58	555.03	DA FBT Congestion Amount DA Congestion	N/A N/A	N/A N/A		
59 60	555.2	RT FBT Congestion Amount RT Congestion	N/A N/A	N/A N/A		
61	555.14	FTR Hourly Allocation Amount	N/A	N/A		
62 63	555.17	FTR Monthly Allocation Amount FTR Yearly Allocation Amount	N/A N/A	N/A		
64 65	555.35 555.36	FTR Monthly Transaction Amount FTR Full Funding Guarantee Amount	N/A N/A			
66	555.37	FTR Guarantee Uplift Amount	N/A	N/A		
67 68	555.38	FTR Auction Revenue Rights Transaction Amount FTR Annual Transaction Amount	N/A N/A	N/A N/A		
69 70		FTR Auction Revenue Rights Infeasible Uplift Amount FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A N/A	N/A N/A		
71	555.07	DA Congestion Rebate on Option B GFA	N/A	N/A		
72 73	555.11	DA Revenue Sufficiency Guarantee Distribution Amount DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A N/A	N/A		
74 75	555.29 555.3	RT Revenue Sufficiency Guarantee First Pass Distribution Amount RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A N/A	N/A N/A		
76	555.42	RT Price Volatility Make Whole Payment	N/A N/A	N/A		
77 78	555.25	RT Revenue Neutrality Uplift Amount RT Misc Amount	N/A			
79 80		RT Net Inadvertent Amount RT Uninstructed Deviation Amount	N/A N/A			
81 82	555.59	RT Demand Response Allocation Uplift Amount DA Ramp Product	N/A N/A			
83	555.64	RT Ramp Product	N/A	N/A		
84 85	555.65	RT Schedule 49 Cost Distribution Amount RT ASM Non-Excessive Energy Amount***	N/A N/A	N/A N/A		
86 87	555.56	RT ASM Excessive Energy Amount***	N/A N/A	N/A		
88	555.06	DA Congestion Rebate on COGA DA Losses Rebate on COGA	N/A	N/A		
89 90	555.23	RT Congestion Rebate on COGA RT Loss Rebate on COGA	N/A N/A	N/A	L	
91 92		Net Congestion and Losses Adjustment & No DA Generation Schedu	N/A	N/A		
93		Total MISO Wholesale Market Charges				
94 95		SPP Wholesale Market Charges		-		
96 97	555.19	DA Asset Energy Amount*** DA Non-asset Energy Amount	N/A N/A			
98	555.09	RT Asset Energy Amount***	N/A	N/A		
99 100	555	RT Non-Asset Energy Amount DA Make-Whole-Payment Distribution Amount	N/A N/A	N/A N/A		
101 102	555.1	RT Make-Whole-Payment Distribution Amount RT Revenue Sufficiency Guarantee Distribution Amount	N/A N/A	N/A N/A		
103	555.15	RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A		
104 105		DA Regulation-Down Distribution Amount DA Regulation-Up Distribution Amount	N/A N/A	N/A	L	
106	555.06	DA Spinning Reserve Distribution Amount DA Supplemental Reserve Distribution Amount	N/A N/A	N/A		
108	555.08	RT Contingency Reserve Deployment Failure Amount	N/A	N/A		
109 110	555.12	RT Over-Collected Losses Distribution Amount RT Regulation-Down Distribution Amount	N/A N/A	N/A N/A		
111	555.13	RT Regulation Non-Performance Distribution Amount RT Regulation-Up Distribution Amount	N/A N/A	N/A N/A		
113	555.16	RT Spinning Reserve Distribution Amount	N/A	N/A		
114 115	555.17 555.2	RT Supplemental Reserve Distribution Amount RT Pseudo Tie Congestion Amount	N/A N/A			
116	555.21	RT Pseudo Tie Loss Amount	N/A	N/A		
117 118	555.26	Miscellaneous Amount ARR Closeout Yearly Amount	N/A N/A	N/A N/A		
119 120	555.29	RT Demand Reduction Distribution Amount RT Schedule 1A3 Amount	N/A N/A	N/A N/A		
121	555.30	RT Schedule 1A4 Amount	N/A	N/A		New oberge type in 2022
122 123		DA Ramp Up Distribution Amount DA Ramp Down Distribution Amount	N/A N/A			New charge type in 2022 New charge type in 2022
					_	-

124	555 33	RT Ramp Non Performance Distribution Amount	N/A	N/A	New charge type in 2022
125		RT Ramp Up Distribution Amount	N/A	N/A	New charge type in 2022
126		RT Ramp Down Distribution Amount	N/A	N/A	New charge type in 2022
127		DA GFA Carve Out Distribution Deployment Daily Amount	N/A	N/A	New charge type in 2022
128		DA GFA Carve Out Distribution Deployment Many Amount DA GFA Carve Out Distribution Deployment Monthly Amount	N/A	N/A	
129		DA GFA Carve Out Distribution Deployment Yearly Amount	N/A	N/A	
130	333.21	Total SPP Wholesale Market Charges	IN/A	IN/A	
131		Total SPP Wholesale Market Charges			
		MISO ASM			
132 133		Day Ahead Regulation Amount	N/A	N/A	
			N/A N/A	N/A N/A	
134		Real Time Regulation Amount			
135		Regulation Cost Distribution Amount	N/A	N/A	
136		Day Ahead Short-Term Reserve Amount	N/A	N/A	
137		Real Time Short-Term Reserve Amount	N/A	N/A	
138		Short-Term Reserve Cost Distribution Amount	N/A	N/A	
139		Day Ahead Spinning Reserve Amount	N/A	N/A	
140		Real Time Spinning Reserve Amount	N/A	N/A	
141		Spinning Reserve Cost Distribution Amount	N/A	N/A	
142		Day Ahead Supplemental Reserve Amount	N/A	N/A	
143		Real Time Supplemental Reserve Amount	N/A	N/A	
144		Supplemental Reserve Cost Distribution Amount	N/A	N/A	
145		Contingency Reserve Deployment Failure Charge Amount	N/A	N/A	
146		Real Time Excessive Deficient Energy Deployment Charge Amount	N/A	N/A	
147		Short-Term Reserve Deployment Failure Charge Amount	N/A	N/A	
148		Net Regulation Adjustment Amount	N/A	N/A	
149		Total MISO ASM			
150					
151		Total Wholesale Market Charges			
152					
153					
154	Purcha	sed Power			
155			[PROTECTED DAT	A BEGINS	
156		Edgeley PPA			
157		Langdon PPA		T	
158		Ashtabula III PPA		T	
159		Tribal (WAPA)		T	Not Applicable to EAR - Excluded from Total
160		WAPA Energy Imbalance	_)T	·
161		Shared Loads		T	
162		Small Co-gen	_	T	
163		Bilateral purchases		†	
164		Market Purchases	_	. †	MISO and SPP Energy Only
165			,PR(TECTED DATA EN	
166		Total Purchases	205.838	196,463	Tribal (WAPA) excluded from Total
167		Total Turonacco	200,000	100,100	CONTRACT REPORT CONTRACTOR
168	Wind C	urtailment	383	656	
169	.,,,,,,		000	000	
170	Asset F	Based Sales	(7.660)	(8,783)	Credit to MN FCA Calculation - Subtracted from Total
170	noodl E	suoca outoo	(1,000)	(0,763)	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
171		Fuel Costs			Based Sales
17.1		I uu Ouata			Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
					i dei cost ivivi i and iviargin ivivi i are not separated - Need to compare total Asset
172		Accest Report Margins			Record Solar
172		Asset Based Margins			Based Sales
173	Ston				
173 174	Steam	Asset Based Margins Plant Reagents	-	-	Based Sales Effective July 2022 - Docket No. E017/GR-20-719
173 174 175		Plant Reagents			Effective July 2022 - Docket No. E017/GR-20-719
173 174 175 176			•	-	
173 174 175 176 177	Steam/	Plant Reagents Water Sales	-	-	Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719
173 174 175 176 177 178	Steam/	Plant Reagents			Effective July 2022 - Docket No. E017/GR-20-719
173 174 175 176 177	Steam/ Plannin	Plant Reagents Water Sales	-	-	Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719

			June 2024 Forecast	t to Actual - Exper	se (Reven	ue)
			Forecast	Actual		Notes
Line 1		eneration Big Stone	[PROTECTED DATA	A BEGINS		
3		Coyote		.PROTECTED DA	TA ENDO	
4		Total Coal	\$ 25.00	\$ 31.36	A ENDS	
5 6		Langdon Wind	[PROTECTED DATA	BEGINS		
7 8		Ashtabula Wind Ashtabula III		=		
9		Luverne Wind	-			
10		Merricourt		PROTECTED DA	TA ENDS]	
12 13		Total Wind	\$ -	\$ -		
14		Total Hydro	\$ -	s -		
15 16		Jamestown 1	[PROTECTED DATA	BEGINS		
17 18		Jamestown 2 Lake Preston				
19				PROTECTED DA	A ENDS]	
20		Total Oil - Peaking Units	\$ - [PROTECTED DATA	A BEGINS		
22		Natural gas - Solway Natural gas - Astoria		I		
24 25		Total Natural Gas	\$ 35.27	PROTECTED DA	A ENDS	
26			\$ 35.27 [PROTECTED DATA			
27 28		Solar - Blue Jay Solar - Blue Heron	-			
29		Solar - Hoot Lake		DDOTECTED DA	TA ENDO	
30 31		Total Solar	\$ -	.PROTECTED DA	A ENDS	
32		Total OTP-Owned	\$ 60.27	\$ 62.12		
34	What-					
35 36		ale Market Charges MISO Wholesale Market Charges				
37 38	555.02	DA Asset Energy Amount*** DA FBT Loss Amount	N/A N/A	N/A N/A		
39	555.09	DA Non-asset Energy Amount***	N/A	N/A		
40 41	555.24	RT Asset Energy Amount*** RT Distribution of Losses Amount	N/A N/A	N/A N/A		
42 43	555.21	RT FBT Loss Amount DA Loss Amount	N/A N/A	N/A N/A		
44 45	EEE OC	RT Loss Amount	N/A N/A	N/A N/A		
46	555.08	RT Non-Asset Energy Amount*** DA Losses Rebate on Option B GFA	N/A	N/A		
47 48		DA Virtual Energy Amount RT Virtual Energy Amount	N/A N/A	N/A N/A		
49	555.01	DA Mkt Admin Amount	N/A	N/A		
50 51	555.13	RT Mkt Admin Amount FTR Mkt Admin Amount	N/A N/A	N/A N/A		
52 53	555.03	DA FBT Congestion Amount DA Congestion	N/A N/A	N/A N/A		
54	555.2	RT FBT Congestion Amount	N/A	N/A		
55 56		RT Congestion FTR Hourly Allocation Amount	N/A N/A	N/A N/A		
57 58	555.15 555.17	FTR Monthly Allocation Amount FTR Yearly Allocation Amount	N/A N/A	N/A N/A		
59	555.35	FTR Monthly Transaction Amount	N/A	N/A		
60	555.36 555.37	FTR Full Funding Guarantee Amount FTR Guarantee Uplift Amount	N/A N/A	N/A N/A		
62 63	555.39	FTR Auction Revenue Rights Transaction Amount FTR Annual Transaction Amount	N/A N/A	N/A N/A		
64	555.40	FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A		
65 66		FTR Auction Revenue Rights Stage 2 Distribution Amount DA Congestion Rebate on Option B GFA	N/A N/A	N/A N/A		
67 68	555.1	DA Revenue Sufficiency Guarantee Distribution Amount DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A N/A	N/A N/A		
69	555.29	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	N/A	N/A		
70 71		RT Revenue Sufficiency Guarantee Make Whole Pymt Amount RT Price Volatility Make Whole Payment	N/A N/A	N/A N/A		
72 73	555.28	RT Revenue Neutrality Uplift Amount RT Misc Amount	N/A N/A	N/A N/A		
74	555.27	RT Net Inadvertent Amount	N/A	N/A		
75 76	555.59	RT Uninstructed Deviation Amount RT Demand Response Allocation Uplift Amount	N/A N/A	N/A N/A		
77 78	555.63	DA Ramp Product RT Ramp Product	N/A N/A	N/A N/A		
79	555.65	RT Schedule 49 Cost Distribution Amount	N/A	N/A		
80 81	555.56	RT ASM Non-Excessive Energy Amount*** RT ASM Excessive Energy Amount***	N/A N/A	N/A N/A		
82 83	555.05	DA Congestion Rebate on COGA DA Losses Rebate on COGA	N/A N/A	N/A N/A		
84	555.22	RT Congestion Rebate on COGA	N/A	N/A		
85 86	555.23	RT Loss Rebate on COGA Net Congestion and Losses Adjustment & No DA Generation Schedule	N/A N/A	N/A N/A		
87 88		Total MISO Wholesale Market Charges				
89						
90 91	555.19	SPP Wholesale Market Charges DA Asset Energy Amount***	N/A	N/A		
92	555.03	DA Non-asset Energy Amount RT Asset Energy Amount***	N/A N/A	N/A N/A		
94	555	RT Non-Asset Energy Amount	N/A	N/A		
95 96	555.1	DA Make-Whole-Payment Distribution Amount RT Make-Whole-Payment Distribution Amount	N/A N/A	N/A N/A		
97 98	555.18	RT Revenue Sufficiency Guarantee Distribution Amount RT Revenue Neutrality Uplift Distribution Amount	N/A N/A	N/A N/A		
99	555.04	DA Regulation-Down Distribution Amount	N/A	N/A		
100	555.06	DA Regulation-Up Distribution Amount DA Spinning Reserve Distribution Amount	N/A N/A	N/A N/A		
102	555.07	DA Supplemental Reserve Distribution Amount RT Contingency Reserve Deployment Failure Amount	N/A N/A	N/A N/A		
104	555.11	RT Over-Collected Losses Distribution Amount	N/A	N/A		
105 106	555.13	RT Regulation-Down Distribution Amount RT Regulation Non-Performance Distribution Amount	N/A N/A	N/A N/A		
107	555.14	RT Regulation-Up Distribution Amount RT Spinning Reserve Distribution Amount	N/A N/A	N/A N/A		
109	555.17	RT Supplemental Reserve Distribution Amount	N/A	N/A		
110 111	555.2	RT Pseudo Tie Congestion Amount RT Pseudo Tie Loss Amount	N/A N/A	N/A N/A		
112	555.23	Miscellaneous Amount	N/A N/A	N/A N/A		
114	555.28	ARR Closeout Yearly Amount RT Demand Reduction Distribution Amount	N/A	N/A		
115 116	555.29	RT Schedule 1A3 Amount RT Schedule 1A4 Amount	N/A N/A	N/A N/A		
117	555.31	DA Ramp Up Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022
119	555.33	DA Ramp Down Distribution Amount RT Ramp Non Performance Distribution Amount	N/A	N/A		New charge type in 2022 New charge type in 2022
120 121		RT Ramp Up Distribution Amount RT Ramp Down Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022 New charge type in 2022
122	555.01	DA GFA Carve Out Distribution Deployment Daily Amount	N/A	N/A		
123	555.22	DA GFA Carve Out Distribution Deployment Monthly Amount	N/A	N/A		1

124	555.27 DA GFA Carve Out Distribution Deployment Yearly Amount	N/A	N/A	
125	Total SPP Wholesale Market Charges	IN/A	IWA	
126	Total of 1 Wholesale market offarges			
127	MISO ASM			
128	Day Ahead Regulation Amount	N/A	N/A	
129	Real Time Regulation Amount	N/A	N/A	
130	Regulation Cost Distribution Amount	N/A	N/A	
131	Day Ahead Short-Term Reserve Amount	N/A	N/A	
132	Real Time Short-Term Reserve Amount	N/A	N/A	
133	Short-Term Reserve Cost Distribution Amount	N/A	N/A	
134	Day Ahead Spinning Reserve Amount	N/A	N/A	
135	Real Time Spinning Reserve Amount	N/A	N/A	
136	Spinning Reserve Cost Distribution Amount	N/A	N/A	
137	Day Ahead Supplemental Reserve Amount	N/A	N/A	
138	Real Time Supplemental Reserve Amount	N/A	N/A	
139	Supplemental Reserve Cost Distribution Amount	N/A	N/A	
140	Contingency Reserve Deployment Failure Charge Amount	N/A	N/A	
141	Real Time Excessive Deficient Energy Deployment Charge Amount	N/A	N/A	
142	Short-Term Reserve Deployment Failure Charge Amount	N/A	N/A	
143	Net Regulation Adjustment Amount	N/A	N/A	
144	Total MISO ASM	1471	1471	
145	Total miles Adm			
146	Total Wholesale Market Charges			
147				
148				
149	Purchased Power			
150		PROTECTED DATA	BEGINS	
151	Edgeley PPA			
152	Langdon PPA	-		
153	Ashtabula III PPA	-		
154	Tribal (WAPA)	-		Not Applicable to EAR - Excluded from Total
155	WAPA Energy Imbalance	-		
156	Shared Loads	-		
157	Small Co-gen	-		
158	Bilateral purchases	-		
159	Market Purchases	-		MISO and SPP Energy Only
160			PROTECTED DAT	
161	Total Purchases	\$ 32.23	\$ 25.61	 Tribal (WAPA) excluded from Total
162				` '
163	Wind Curtailment	\$ 143.53	\$ 39.18	
164				
165	Asset Based Sales	\$ 57.91	\$ (33.12)	
			, , , , , , , , , ,	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
166	Fuel Costs	N/A	N/A	Based Sales
		1471	1471	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
167	Asset Based Margins	N/A	N/A	Based Sales
168	= 1000 margino	19/75		
169	Steam Plant Reagents	N/A	N/A	Effective July 2022 - Docket No. E017/GR-20-719
170		1471	1473	more and more management and the second
171	Steam/Water Sales	N/A	N/A	Effective July 2022 - Docket No. E017/GR-20-719
172	Glodin Fider Guido	19/75	19/75	Eliconio dally Edel Dodick No. Ed 177 On 20-7 10
173	Planning Resource Auction Revenues	N/A	N/A	Effective June 2022
174	gggg	19/75	19/75	
175	Total System - Plant Level	\$ 21.58	s 17.31	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total
5	Total O Jotolii Thank Euror	¥ 21.00	¥ 17.01	Those (1774 77) choladed from Total, 710001 Dabed Cales Subtracted from Total
				ı

r							
					Actual - Expense (F	Revenue)	
Line	Plant G	eneration	July 2024 Forecast [PROTECTED DATA	July 2024 Actual			Notes
1 2		Biq Stone Coyote			1	1	
3		Hoot Lake #2	_				Hoot Lake plant closed in May 2021
5		Hoot Lake #3			PROTECT	TED DATA ENDS]	
6 7		Total Coal	\$ 5,147,423 [PROTECTED DATA	\$ 4,520,099 BEGINS	\$ (627,324)	-12.19%	
8		Langdon Wind Ashtabula Wind	-			-	
10		Luverne Wind	-				
11 12		Merricourt			PROTECT	ED DATA ENDS]	
13 14		Total Wind	\$ -	\$ -	\$ -	0	
15 16		Total Hydro	\$ - [PROTECTED DATA	\$ -	\$ -	0	
17 18		Jamestown 1 Jamestown 2	-			-	
19		Lake Preston	=				
20 21		Total Oil - Peaking Units	\$ -	\$ 57,393		TED DATA ENDS]	
22		Natural gas - Solway	[PROTECTED DATA	BEGINS			
24 25		Natural gas - Astoria			PROTECT	ED DATA ENDS]	
26 27		Total Natural Gas	\$ 1,625,328 [PROTECTED DATA				
28		Solar - Blue Jay	-	DEGING			
30		Solar - Blue Heron Solar - Hoot Lake					
31 32		Total Solar	\$ -	\$ -	PROTECT	TED DATA ENDS]	
33 34		Total OTP-Owned	\$ 6,772,750	\$ 7,028,942	\$ 256,191	3.78%	
35 36	Wholes	ale Market Charges					
37 38		MISO Wholesale Market Charges	S -	s -	s -		Energy Amounts - included/embedded within Market Purchases
39	555.04	DA FBT Loss Amount	\$ -	\$ -	\$ -	0	
40	555.19	RT Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases Energy Amounts - included/embedded within Market Purchases
42 43	555.21	RT FBT Loss Amount	\$ (327,130) \$ -	\$ -	\$ -	0	
44 45		DA Loss Amount RT Loss Amount	\$ 827,277 \$ 47,335			-12.98% -58.41%	
46 47	555.26	RT Non-Asset Energy Amount***	\$ -	\$ - \$ -	\$ - \$ -		Energy Amounts - included/embedded within Market Purchases
48 49	555.12	DA Virtual Energy Amount	\$ -	\$ - \$ -	\$ - \$ -	0	
50	555.01	RT Virtual Energy Amount DA Mkt Admin Amount	\$ 63,155	\$ 67,006	\$ 3,850	6.10%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
51 52	555.13	FTR Mkt Admin Amount	\$ 10,777 \$ 2,495	\$ 2,036		-18.41%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
53 54		DA Congestion	\$ 2,396,497	\$ 735,860	\$ (1,660,637)	-69.29%	
55 56	555.20	RT FBT Congestion Amount	\$ - \$ 262,020	\$ - \$ 51,077	\$ -	-80.51%	
57 58	555.14	FTR Hourly Allocation Amount	\$ (2,897,563) \$ (70,951)	\$ (904,636)	\$ 1,992,927	-68.78% -64.44%	
59 60	555.17	FTR Yearly Allocation Amount	\$ -	\$ - \$ -	\$ -	0	
61	555.36	FTR Full Funding Guarantee Amount	\$ 51,185	\$ 9,810	\$ (41,375)	-80.83%	
62 63	555.39	FTR Auction Revenue Rights Transaction Amount	\$ (51,185) \$ (4,428,580)	\$ (4,005,939)	\$ 422,641		
64 65	555.40	FTR Annual Transaction Amount FTR Auction Revenue Rights Infeasible Uplift Amount	\$ 4,418,041 \$ 13,217	\$ 1,840	\$ (11,377)	-86.08%	
66 67		FTR Auction Revenue Rights Stage 2 Distribution Amount DA Congestion Rebate on Option B GFA	\$ (97,807) \$ -	\$ (214,831)	\$ (117,024) \$ -	119.65%	
68 69	555.10	DA Revenue Sufficiency Guarantee Distribution Amount	\$ 12,654 \$ (3,644)	\$ 7,125 \$ (18,568)	\$ (5,529) \$ (14,924)	-43.70% 409.59%	
70 71	555.29	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	\$ 53,082 \$ (229,119)	\$ 7,077	\$ (46,005) \$ 229,119	-86.67% -100.00%	
72 73	555.42	RT Price Volatility Make Whole Payment	\$ (55,542) \$ 117,809	\$ (20,687)	\$ 34,856	-62.76% 12.88%	
74	555.25		\$ 6,775	\$ 9	\$ (6,766)	-99.86%	
75 76	555.31			\$ -	\$ -	-1891.80% 0	
77 78		RT Demand Response Allocation Uplift Amount DA Ramp Product	\$ 31,238 \$ (1,865)		\$ (28,115) \$ (11,971)	-90.01% 641.86%	
79 80	555.64 555.65	RT Ramp Product RT Schedule 49 Cost Distribution Amount	\$ (1,461) \$ 14,974	\$ (763)	\$ 698	-47.79%	
81 82	555.55	RT ASM Non-Excessive Energy Amount***	\$ -	\$ - \$ -	\$ - \$ -	0	
83 84	555.05	DA Congestion Rebate on COGA	\$ -	\$ - \$ -	\$ - \$ -	0	
85	555.22	RT Congestion Rebate on COGA	\$ -	\$ -	\$ -	0	
86 87		RT Loss Rebate on COGA Net Congestion and Losses Adjustment & No DA Generation Schedule	\$ - \$ -	\$ - \$ (5,232,216)	\$ - (5,232,216)	0	
88 89		Total MISO Wholesale Market Charges	\$ 87,425	\$ (4,965,535)	\$ (5,052,960)	-5779.78%	Total Excludes Schedule 16 and 17 (Lines 40, 41, 42 Above)
90 91		SPP Wholesale Market Charges					
92 93	555.19	DA Asset Energy Amount*** DA Non-asset Energy Amount		\$ - \$ -	\$ - \$ -	0	Energy Amounts - included/embedded within Market Purchases
94 95	555.09	RT Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
96	555.02		\$ -	\$ -	\$ -	0	
97 98	555.18		\$ -	\$ -	\$ (1,109) \$ -	-100.00% 0	
99 100	555.04	DA Regulation-Down Distribution Amount	\$ 248 \$ 16	\$ -	\$ (248) \$ (16)	-100.00%	
101 102	555.05 555.06	DA Regulation-Up Distribution Amount DA Spinning Reserve Distribution Amount	\$ 62 \$ 74	\$ - \$ -	\$ (62) \$ (74)	-100.00%	
103 104	555.07		\$ 11	\$ -	\$ (11) \$ 2		
105	555.11	RT Over-Collected Losses Distribution Amount	\$ (2) \$ (28,969) \$ 3			-71.97%	
107	555.13	RT Regulation Non-Performance Distribution Amount	\$ (2)	\$ -	\$ 2	-100.00%	
108	555.16	RT Regulation-Up Distribution Amount RT Spinning Reserve Distribution Amount	\$ (3) \$ (1)	\$ -	\$ 3 \$ 1	-100.00%	
110 111	555.20	RT Supplemental Reserve Distribution Amount RT Pseudo Tie Congestion Amount	\$ (3) \$ (83,953)	\$ 29,017		-134.56%	
112 113	555.23	Miscellaneous Amount	\$ (19,577) \$ (3)	\$ -	\$ 3	-100.00%	
114 115	555.26 555.28	ARR Closeout Yearly Amount RT Demand Reduction Distribution Amount	\$ (2) \$ 0	\$ -	\$ 2 \$ (0)	-100.00% -100.00%	
116 117	555.29	RT Schedule 1A3 Amount	\$ 7 \$ 37	\$ -	\$ (7) \$ (37)	-100.00%	
118 119	555.31	DA Ramp Up Distribution Amount	\$ 74 \$ -	\$ -	\$ (74)	-100.00%	New charge type in 2022 New charge type in 2022
120	555.33	RT Ramp Non Performance Distribution Amount	\$ (1)	\$ -	\$ 1	-100.00%	New charge type in 2022
121 122	555.35			\$ -	\$ 5 \$ -	0	New charge type in 2022 New charge type in 2022
123	555.36	ArrAucTxnAoAmt	\$ -	\$ -	\$ -	0	New charge type in 2024

			-				-			
124		RtURDDistAoAmt	\$	-	\$		\$	(00)		New charge type in 2024
125		DA GFA Carve Out Distribution Deployment Daily Amount	\$	28		-	\$	(28)	-100.00%	
126		DA GFA Carve Out Distribution Deployment Monthly Amount	\$	(0)			\$	0	-100.00%	
127	555.27	DA GFA Carve Out Distribution Deployment Yearly Amount	\$	0		0		0	214.29%	
128 129		Total SPP Wholesale Market Charges	\$	(130,854)	\$	24,525	\$	155,379	-118.74%	
130		MICO ACM			-		-			
		MISO ASM	•	(43.578)	_	(00.004)		(55.000)	400 700/	
131		Day Ahead Regulation Amount	\$			(98,801)		(55,223)	126.72%	
132		Real Time Regulation Amount	\$	(3,288)		12,591 28,260	\$	15,878 11,622	-482.95% 69.86%	
		Regulation Cost Distribution Amount	\$ S						371.15%	
134		Day Ahead Short-Term Reserve Amount		(14,146)		(66,650)		(52,503)	371.15% 1361.54%	
135 136		Real Time Short-Term Reserve Amount Short-Term Reserve Cost Distribution Amount	\$	(682) 5.439		(9,975) 62,395	\$	(9,292) 56,956	1361.54%	
136		Day Ahead Spinning Reserve Amount	\$ S	(34.842)				(908)	1047.11%	
137		Real Time Spinning Reserve Amount	\$			(35,751)		(1,624)	2.61% 145.07%	
139		Spinning Reserve Cost Distribution Amount	\$	(1,120) 13,434		19,694	\$	6,260	46.59%	
140			S						-8.72%	
140		Day Ahead Supplemental Reserve Amount Real Time Supplemental Reserve Amount	\$	(57,362) 1.053		(52,357) 15.696	\$	5,005 14.644	-8.72% 1391.21%	
141		Supplemental Reserve Cost Distribution Amount	\$	8,988		6,243	\$	(2,744)	-30.54%	
143		Contingency Reserve Deployment Failure Charge Amount	\$	3,407		0,243	\$	(3,407)	-100.00%	
143	555.51	Real Time Excessive Deficient Energy Deployment Charge Amount	\$	1,927		1,765	\$	(163)	-100.00%	
145		Short-Term Reserve Deployment Failure Charge Amount	S	1,927	à.	1,700	S	(103)	-0.45% 0	
145		Net Regulation Adjustment Amount	\$	1,016	\$	5,046	S	4.031	396.87%	
147	333.49	Total MISO ASM		(103,117)		(114,587)		(11,470)	11.12%	
148		Total MISO ASM	*	(103,117)		(114,307)	3	(11,470)	11.12/0	
149		Total Wholesale Market Charges		(146,546)		(5,055,597)	\$	(4.909.050)	3349.83%	
150		Total Wildlesale Market Charges	*	(140,040)	, a	(160,000,0)	٦	(4,505,050)	3343.03 /6	
151										
152	Durcha	end Power								
152	Purcha	sed Power	IPROTEC	TED DATA	A RF	GINS				
153			[PROTEC	TED DATA	A BE	GINS				
153 154		Edgeley PPA	[PROTEC	TED DATA	A BE	GINS				
153 154 155		Edgeley PPA Langdon PPA	[PROTEC	TED DATA	A BE	GINS				
153 154 155 156		Edgeley PPA Langdon PPA Ashtabula III PPA	[PROTEC	CTED DATA	A BE	GINS			-	Not Applicable to EAR - Excluded from Total
153 154 155 156 157		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA)	[PROTEC	TED DATA	A BE	GINS				Not Applicable to EAR - Excluded from Total
153 154 155 156		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance	[PROTEC	TED DATA	A BE	GINS				Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158 159		Edoeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads	[PROTEC	CTED DATA	A BE	GINS			-	Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen	[PROTEC	TED DATA	A BE	GINS				Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158 159 160		Edoeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads	[PROTEC	CTED DATA	A BE	GINS				Not Applicable to EAR - Excluded from Total MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Balteral purchases	[PROTEC	CTED DATA	A BE	GINS		PROTECT	ED DATA ENDS)	
153 154 155 156 157 158 159 160 161 162		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Balteral purchases		TED DATA		4,248,902	\$	PROTECT (1,343,102)		
153 154 155 156 157 158 159 160 161 162 163		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Blatteral purchases Market Purchases					\$			MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Blatteral purchases Market Purchases			\$					MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases	\$ 5	5,592,004	\$	4,248,902		(1,343,102)	-24.02%	MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164 165 166	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases	\$ 5	5,592,004	\$	4,248,902	\$	(1,343,102)	-24.02% -20.59%	MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164 165 166	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment	\$ 5	5,592,004 21,708	\$ \$	4,248,902 17,237	\$	(1,343,102)	-24.02% -20.59%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Enerry Imbalance Shared Loads Shared Loads Shall Co-gen Bilateral purchases Market Purchases Total Purchases urtallment Jased Sales	\$ 5	5,592,004 21,708 (651,978)	\$ \$	4,248,902 17,237 3,793,677	\$	(1,343,102) (4,471) 4,445,655	-24.02% -20.59% -681.87%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 188	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment 3ased Sales Fuel Costs	\$ 5 \$	5,592,004 21,708 (651,978) (283,006)	\$ \$	4,248,902 17,237 3,793,677 (881,407)	\$ \$ \$	(4,471) 4,445,655 (598,401)	-24.02% -20.59% -681.87% 211.45%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment 3ased Sales Fuel Costs	\$ 5	5,592,004 21,708 (651,978) (283,006)	\$ \$ \$ \$ \$ \$ \$	4,248,902 17,237 3,793,677 (881,407)	\$ \$ \$ \$	(4,471) 4,445,655 (598,401)	-24.02% -20.59% -681.87% 211.45% -1367.06%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 177	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtallment Sased Sales Fuel Costs Asset Based Margins	\$ 5	5,592,004 21,708 (651,978) (283,006) (368,972)	\$ \$ \$ \$ \$ \$ \$	4,248,902 17,237 3,793,677 (881,407) 4,675,084	\$ \$ \$ \$	(1,343,102) (4,471) 4,445,655 (598,401) 5,044,056	-24.02% -20.59% -681.87% 211.45% -1367.06%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 171 172 172 173 174	Wind C Asset E	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtallment Sased Sales Fuel Costs Asset Based Margins	\$ 5	5,592,004 21,708 (651,978) (283,006) (368,972)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4,248,902 17,237 3,793,677 (881,407) 4,675,084	\$ \$ \$ \$	(1,343,102) (4,471) 4,445,655 (598,401) 5,044,056	-24.02% -20.59% -681.87% 211.45% -1367.06% \$ (0)	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total
153 154 155 156 157 158 159 160 161 162 163 164 166 167 168 169 170 171 172	Wind C Asset E	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Balteral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins ake Solar Generation Credit	\$ 5	5,592,004 21,708 (651,978) (6283,006) (368,972) (504,407)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4,248,902 17,237 3,793,677 (881,407) 4,675,084 (430,639)	\$ \$ \$ \$	(1,343,102) (4,471) 4,445,655 (598,401) 5,044,056 73,768	-24.02% -20.59% -681.87% 211.45% -1367.06% \$ (0)	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 170 171 172 173 174 175	Wind C Asset E Hoot L	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Balteral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins ake Solar Generation Credit	\$ 5 5 5 5 5 5	5,592,004 21,708 (651,978) (6283,006) (368,972) (504,407)	\$ \$ \$ \$ \$ \$	4,248,902 17,237 3,793,677 (881,407) 4,675,084 (430,639)	\$ \$ \$ \$ \$	(1,343,102) (4,471) 4,445,655 (598,401) 5,044,056 73,768	-24.02% -20.59% -681.87% 211.45% -1367.06% \$ (0)	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176	Wind C Asset E Hoot L	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Batteral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents	\$ 5 5 5 5 5 5	5,592,004 21,708 (651,978) (283,006) (368,972) (504,407) 256,494	\$ \$ \$ \$ \$ \$	4,248,902 17,237 3,793,677 (881,407) 4,675,084 (430,639) 350,173	\$ \$ \$ \$ \$	(1,343,102) (4,471) 4,445,655 (598,401) 5,044,056 73,768 93,679	-24.02% -20.59% -681.87% 211.45% -1367.06% \$ (0)	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 170 171 172 173 174 175	Wind C Asset E Hoot L Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Batteral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents	\$ 5 5 5 5 5 5	5,592,004 21,708 (651,978) (283,006) (368,972) (504,407) 256,494	\$ \$ \$ \$ \$ \$	4,248,902 17,237 3,793,677 (881,407) 4,675,084 (430,639) 350,173	\$ \$ \$ \$ \$	(1,343,102) (4,471) 4,445,655 (598,401) 5,044,056 73,768 93,679	-24.02% -20.59% -681.87% -211.45% -1367.06% \$ (0) \$ 0	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176	Wind C Asset E Hoot L Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Logden Shared Logden Belieteral purchases Market Purchases Total Purchases urtailment Sased Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents Water Sales Water Sales	\$ 5	5,592,004 21,708 (651,978) (283,006) (368,972) (504,407) 256,494 (122,003)	\$ \$ \$ \$ \$	4,248,902 17,237 3,793,677 (881,407) 4,675,084 (430,639) 350,173 (90,919)	\$ \$ \$ \$ \$	(4,471) 4,445,655 (598,401) 5,044,056 73,768 93,679 31,085	-24.02% -20.59% -881.87% -211.45% -1367.06% \$ (0) \$ 0	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective January 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719 Effective June 2022
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178	Wind C Asset E Hoot L Steam Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Logden Shared Logden Belieteral purchases Market Purchases Total Purchases urtailment Sased Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents Water Sales Water Sales	\$ \$	5,592,004 21,708 (651,978) (283,006) (368,972) (504,407) 256,494 (122,003)	\$ \$ \$ \$ \$ \$	4,248,902 17,237 3,793,677 (881,407) 4,675,084 (430,639) 350,173 (90,919)	\$ \$ \$ \$ \$	(4,471) 4,445,655 (598,401) 5,044,056 73,768 93,679 31,085	-24.02% -20.59% -881.87% -211.45% -1367.06% \$ (0) \$ 0	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective January 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719

^{***} These energy related charge types are reported in Market Purchases

_						
F	-		July 2024 Forecast	to Actual - Expen	se (Re	venue)
Line	Plant C	eneration	July 2024 Forecast	July 2024 Actual		Notes
1		Big Stone	- NO.EGIED DAI			
2		Coyote Hoot Lake #2		-		Hoot Lake plant closed in May 2021
5		Hoot Lake #3	PR	TECTED DATA E	NDS]	
6 7		Total Coal	208,010 [PROTECTED DAT	183,137		
8		Langdon Wind Ashtabula Wind	_			
10		Ashtabula III				
11 12		Luverne Wind Merricourt				
13 14		Total Wind and Solar	PR	DTECTED DATA E 52,213	NDS]	
15 16		Total Hydro	1,699	671		
17		Jamestown 1	[PROTECTED DAT	A BEGINS		
19		Jamestown 2		-		
20 21		Lake Preston	PR	TECTED DATA E	NDS]	
22		Total Oil - Peaking Units	PROTECTED DAT	A BEGINS		
24 25		Natural gas - Solway Natural gas - Astoria		-		
26 27		Total Natural Gas	PR	103,409		
28 29		Solar - Blue Jay	[PROTECTED DAT			
30		Solar - Blue Heron				
31 32		Solar - Hoot Lake Solar - Red Lake Falls Area SB Solar				
33 34		Solar - Karlstad Area SB Solar - Crookston Area SB				
35 36		Total Solar		OTECTED DATA E 9,503	NDS]	
37 38		Total OTP-Owned				
39 40	Wholes	ale Market Charges				
41		MISO Wholesale Market Charges DA Asset Energy Amount***	N/A	N/A		
42	555.04	DA FBT Loss Amount	N/A	N/A		
44 45	555.19	DA Non-asset Energy Amount*** RT Asset Energy Amount***	N/A N/A			
46 47	555.24 555.21	RT Distribution of Losses Amount RT FBT Loss Amount	N/A N/A	N/A N/A		
48 49		DA Loss Amount RT Loss Amount	N/A N/A	N/A N/A		
50 51	555.26	RT Non-Asset Energy Amount*** DA Losses Rebate on Option B GFA	N/A N/A	N/A N/A		
52	555.12	DA Virtual Energy Amount RT Virtual Energy Amount	N/A N/A	N/A		
53 54	555.01	DA Mkt Admin Amount	N/A	N/A		
55 56	555.13	RT Mkt Admin Amount FTR Mkt Admin Amount	N/A N/A	N/A		
57 58		DA FBT Congestion Amount DA Congestion	N/A N/A	N/A N/A		
59 60		RT FBT Congestion Amount RT Congestion	N/A N/A	N/A N/A		
61 62	555.14	FTR Hourly Allocation Amount FTR Monthly Allocation Amount	N/A N/A			
63 64	555.17	FTR Yearly Allocation Amount FTR Monthly Transaction Amount	N/A N/A	N/A		
65	555.36	FTR Full Funding Guarantee Amount	N/A	N/A		
66 67	555.39	FTR Guarantee Uplift Amount FTR Auction Revenue Rights Transaction Amount	N/A N/A	N/A N/A		
68 69	555.40	FTR Annual Transaction Amount FTR Auction Revenue Rights Infeasible Uplift Amount	N/A N/A	N/A N/A		
70 71		FTR Auction Revenue Rights Stage 2 Distribution Amount DA Congestion Rebate on Option B GFA	N/A N/A	N/A N/A		
72 73	555.1	DA Revenue Sufficiency Guarantee Distribution Amount DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A N/A			
74 75	555.29	RT Revenue Sufficiency Guarantee First Pass Distribution Amount RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A N/A	N/A N/A		
76	555.42	RT Price Volatility Make Whole Payment	N/A	N/A		
77 78	555.25	RT Revenue Neutrality Uplift Amount RT Misc Amount	N/A N/A	N/A N/A		
79 80	555.31	RT Net Inadvertent Amount RT Uninstructed Deviation Amount	N/A N/A			
81 82	555.59	RT Demand Response Allocation Uplift Amount DA Ramp Product	N/A N/A	N/A N/A		
83 84	555.64 555.65	RT Ramp Product RT Schedule 49 Cost Distribution Amount	N/A N/A	N/A N/A		
85 86	555.55	RT ASM Non-Excessive Energy Amount*** RT ASM Excessive Energy Amount***	N/A N/A	N/A N/A		
87 88	555.05	DA Congestion Rebate on COGA DA Losses Rebate on COGA	N/A N/A	N/A		
89	555.22	RT Congestion Rebate on COGA	N/A	N/A		
90 91	555.23	RT Loss Rebate on COGA Net Congestion and Losses Adjustment & No DA Generation Schedu	N/A N/A	N/A N/A		
92 93		Total MISO Wholesale Market Charges				
94 95		SPP Wholesale Market Charges				
96 97	555.19 555.03	DA Asset Energy Amount*** DA Non-asset Energy Amount	N/A N/A	N/A N/A		
98 99	555.09	RT Asset Energy Amount** RT Non-Asset Energy Amount	N/A N/A			
100	555.02	DA Make-Whole-Payment Distribution Amount	N/A	N/A		
101 102	555.18	RT Make-Whole-Payment Distribution Amount RT Revenue Sufficiency Guarantee Distribution Amount	N/A N/A	N/A N/A		
103 104	555.04	RT Revenue Neutrality Uplift Distribution Amount DA Regulation-Down Distribution Amount	N/A N/A	N/A		
105 106	555.06	DA Regulation-Up Distribution Amount DA Spinning Reserve Distribution Amount	N/A N/A	N/A		
107 108	555.07	DA Supplemental Reserve Distribution Amount RT Contingency Reserve Deployment Failure Amount	N/A N/A			
109	555.11	RT Over-Collected Losses Distribution Amount	N/A	N/A		
110	555.13	RT Regulation-Down Distribution Amount RT Regulation Non-Performance Distribution Amount	N/A N/A	N/A N/A		
112 113	555.16	RT Regulation-Up Distribution Amount RT Spinning Reserve Distribution Amount	N/A N/A			
114 115	555.2	RT Supplemental Reserve Distribution Amount RT Pseudo Tie Congestion Amount	N/A N/A	N/A	<u> </u>	
116 117	555.21	RT Pseudo Tie Loss Amount Miscellaneous Amount	N/A N/A			
118 119	555.26	ARR Closeout Yearly Amount RT Demand Reduction Distribution Amount	N/A N/A	N/A N/A		
120	555.29	RT Schedule 1A3 Amount RT Schedule 1A4 Amount	N/A N/A	N/A		
122	555.31	DA Ramp Up Distribution Amount	N/A	N/A		New charge type in 2022
123	555.32	DA Ramp Down Distribution Amount	N/A	N/A		New charge type in 2022

124	555 33	RT Ramp Non Performance Distribution Amount	N/A	N/A		New charge type in 2022
125		RT Ramp Up Distribution Amount	N/A	N/A		New charge type in 2022
126		RT Ramp Down Distribution Amount	N/A	N/A		New charge type in 2022
127		DA GFA Carve Out Distribution Deployment Daily Amount	N/A	N/A		New charge type in 2022
128		DA GFA Carve Out Distribution Deployment Monthly Amount	N/A	N/A		
129		DA GFA Carve Out Distribution Deployment Monthly Amount DA GFA Carve Out Distribution Deployment Yearly Amount	N/A N/A	N/A		
	555.27		N/A	IN/A		
130		Total SPP Wholesale Market Charges				
131						
132		MISO ASM				
133		Day Ahead Regulation Amount	N/A	N/A		
134		Real Time Regulation Amount	N/A	N/A		
135		Regulation Cost Distribution Amount	N/A	N/A		
136		Day Ahead Short-Term Reserve Amount	N/A	N/A		
137		Real Time Short-Term Reserve Amount	N/A	N/A		
138		Short-Term Reserve Cost Distribution Amount	N/A	N/A		
139		Day Ahead Spinning Reserve Amount	N/A	N/A		
140		Real Time Spinning Reserve Amount	N/A	N/A		
141		Spinning Reserve Cost Distribution Amount	N/A	N/A		
142		Day Ahead Supplemental Reserve Amount	N/A	N/A		
143		Real Time Supplemental Reserve Amount	N/A	N/A		
144		Supplemental Reserve Cost Distribution Amount	N/A	N/A		
145		Contingency Reserve Deployment Failure Charge Amount	N/A	N/A		
146		Real Time Excessive Deficient Energy Deployment Charge Amount	N/A	N/A		
147		Short-Term Reserve Deployment Failure Charge Amount	N/A	N/A		
148		Net Regulation Adjustment Amount	N/A	N/A		
149		Total MISO ASM				
150						
151		Total Wholesale Market Charges				
152		-				
153						
154	Purcha	sed Power				
155			[PROTECTED DATA	A BEGINS		
156		Edgeley PPA	-			
157		Langdon PPA	_	†		
158		Ashtabula III PPA		†		
159		Tribal (WAPA)		Ť		Not Applicable to EAR - Excluded from Total
160		WAPA Energy Imbalance	_	1		·
161		Shared Loads		†		
162		Small Co-gen	_	†		
163		Bilateral purchases	_	†		
164		Market Purchases	_	. †		MISO and SPP Energy Only
165		-	,PR0	TECTED DATA EN	NDS1	377
166		Total Purchases	144,068	172,355	0]	Tribal (WAPA) excluded from Total
167		Total Faiolabou	144,000	172,000		COMPANIES CONTRACTOR C
168	Wind C	urtailment	59	439		
169				700		
170	Asset F	Based Sales	(10,758)	(33,825)		Credit to MN FCA Calculation - Subtracted from Total
.70	, 1336t L	3000 0000	(10,730)	(33,023)		Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
171		Fuel Costs				Based Sales
F".		1 401 00010				Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
172		Asset Based Margins				Based Sales
173		Model Daseu Walgills				Desou Gelos
174	Ctoom	Plant Reagents				Effective July 2022 - Docket No. E017/GR-20-719
174	Steam	riant neagents	-	-		Eliective July 2022 - DOCKELINO, EU17/GR-20-719
175	C4 '	Water Sales				Effective July 2022 - Docket No. E017/GR-20-719
	Steam/	vvater Sales	-	-		Ellective July 2022 - DOCKET NO. EU17/GR-20-719
177	Dia.	- Deserves Austine Develope				[#ti 1: 2022
178	Piannin	g Resource Auction Revenues	-	-		Effective June 2022
179						
180	Total S	ystem - Plant Level	467,950	488,057		Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

			July 2024 Forecast	to Actual - Expen	se (Revenu	ue)
Line	Diam's C		July 2024 Forecast [PROTECTED DATA			Notes
1		eneration Big Stone	-	A DEGINS		
3		Coyote		PROTECTED DA	TA ENDS1	
4		Total Coal	\$ 24.75 [PROTECTED DATA	\$ 24.68		
5 6		Langdon Wind	-	BEGING		
- 7 8		Ashtabula Wind Ashtabula III	-	-		
9 10		Luverne Wind Merricourt		=		
11				PROTECTED DA	TA ENDS]	
12		Total Wind	\$ -	\$ -		
14 15		Total Hydro	\$ - [PROTECTED DATA	\$ -		
16		Jamestown 1	-	-		
17		Jamestown 2 Lake Preston	-			
19 20		Total Oil - Peaking Units		PROTECTED DA	A ENDS]	
21			[PROTECTED DATA	BEGINS		
22		Natural gas - Solway Natural gas - Astoria	1	1		
24 25		Total Natural Gas	\$ 32.86	PROTECTED DA \$ 23.71	A ENDS]	
26			[PROTECTED DATA			
27 28		Solar - Blue Jay Solar - Blue Heron	_			
29 30		Solar - Hoot Lake		PROTECTED DA	A ENDSI	
31		Total Solar	\$ -	0		
32 33		Total OTP-Owned	\$ 57.61	\$ 48.39		
34 35	Wholes	ale Market Charges				
36		MISO Wholesale Market Charges	K1/A	NI/A		
37 38	555.04	DA Asset Energy Amount*** DA FBT Loss Amount	N/A N/A	N/A N/A		
39 40	555.09 555.19	DA Non-asset Energy Amount*** RT Asset Energy Amount***	N/A N/A	N/A N/A		
41	555.24	RT Distribution of Losses Amount RT FBT Loss Amount	N/A N/A	N/A N/A		
43		DA Loss Amount	N/A	N/A		
44 45	555.26	RT Loss Amount RT Non-Asset Energy Amount***	N/A N/A	N/A N/A		
46 47	555.08	DA Losses Rebate on Option B GFA DA Virtual Energy Amount	N/A N/A	N/A N/A		
48	555.32	RT Virtual Energy Amount	N/A	N/A		
49 50		DA Mkt Admin Amount RT Mkt Admin Amount	N/A N/A	N/A N/A		
51 52	555.13 555.03	FTR Mkt Admin Amount DA FBT Congestion Amount	N/A N/A	N/A N/A		
53		DA Congestion	N/A	N/A		
54 55		RT FBT Congestion Amount RT Congestion	N/A N/A	N/A N/A		
56 57		FTR Hourly Allocation Amount FTR Monthly Allocation Amount	N/A N/A	N/A N/A		
58 59	555.17	FTR Yearly Allocation Amount	N/A N/A	N/A N/A		
60	555.36	FTR Monthly Transaction Amount FTR Full Funding Guarantee Amount	N/A	N/A		
61 62		FTR Guarantee Uplift Amount FTR Auction Revenue Rights Transaction Amount	N/A N/A	N/A N/A		
63 64	555.38	FTR Annual Transaction Amount FTR Auction Revenue Rights Infeasible Uplift Amount	N/A N/A	N/A N/A		
65	555.41	FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A		
66 67	555.1	DA Congestion Rebate on Option B GFA DA Revenue Sufficiency Guarantee Distribution Amount	N/A N/A	N/A N/A		
68 69		DA Revenue Sufficiency Guarantee Make Whole Pymt Amount RT Revenue Sufficiency Guarantee First Pass Distribution Amount	N/A N/A	N/A N/A		
70	555.3	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A		
71 72	555.28	RT Price Volatility Make Whole Payment RT Revenue Neutrality Uplift Amount	N/A N/A	N/A N/A		
73 74		RT Misc Amount RT Net Inadvertent Amount	N/A N/A	N/A N/A		
75 76	555.31	RT Uninstructed Deviation Amount	N/A N/A	N/A N/A		
77	555.63	RT Demand Response Allocation Uplift Amount DA Ramp Product	N/A	N/A		
78 79	555.64 555.65	RT Ramp Product RT Schedule 49 Cost Distribution Amount	N/A N/A	N/A N/A		
80 81	555.55 555.56	RT ASM Non-Excessive Energy Amount*** RT ASM Excessive Energy Amount***	N/A N/A	N/A N/A		
82	555.05	DA Congestion Rebate on COGA	N/A	N/A		
83 84	555.22	DA Losses Rebate on COGA RT Congestion Rebate on COGA	N/A N/A	N/A N/A		
85 86	555.23	RT Loss Rebate on COGA Net Congestion and Losses Adjustment & No DA Generation Schedule	N/A N/A	N/A N/A		
87 88			. 473	,,		
89		Total MISO Wholesale Market Charges				
90 91	555.19	SPP Wholesale Market Charges DA Asset Energy Amount***	N/A	N/A		
92	555.03	DA Non-asset Energy Amount	N/A N/A	N/A N/A		
94	555	RT Asset Energy Amount*** RT Non-Asset Energy Amount	N/A	N/A		
95 96		DA Make-Whole-Payment Distribution Amount RT Make-Whole-Payment Distribution Amount	N/A N/A	N/A N/A		
97 98	555.18	RT Revenue Sufficiency Guarantee Distribution Amount RT Revenue Neutrality Uplift Distribution Amount	N/A N/A	N/A N/A		
99	555.04	DA Regulation-Down Distribution Amount	N/A	N/A		
100	555.06	DA Regulation-Up Distribution Amount DA Spinning Reserve Distribution Amount	N/A N/A	N/A N/A		
102 103	555.07	DA Supplemental Reserve Distribution Amount RT Contingency Reserve Deployment Failure Amount	N/A N/A	N/A N/A		
104	555.11	RT Over-Collected Losses Distribution Amount	N/A	N/A		
105 106	555.13	RT Regulation-Down Distribution Amount RT Regulation Non-Performance Distribution Amount	N/A N/A	N/A N/A		
107 108	555.14	RT Regulation-Up Distribution Amount RT Spinning Reserve Distribution Amount	N/A N/A	N/A N/A		
109	555.17	RT Supplemental Reserve Distribution Amount	N/A	N/A		
110 111	555.21	RT Pseudo Tie Congestion Amount RT Pseudo Tie Loss Amount	N/A N/A	N/A N/A		
112 113	555.23 555.26	Miscellaneous Amount ARR Closeout Yearly Amount	N/A N/A	N/A N/A		
114	555.28	RT Demand Reduction Distribution Amount	N/A	N/A		
115 116	555.30	RT Schedule 1A3 Amount RT Schedule 1A4 Amount	N/A N/A	N/A N/A		
117 118		DA Ramp Up Distribution Amount DA Ramp Down Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022 New charge type in 2022
119	555.33	RT Ramp Non Performance Distribution Amount RT Ramp Up Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022
121	555.35	RT Ramp Down Distribution Amount	N/A	N/A		New charge type in 2022 New charge type in 2022
122 123		DA GFA Carve Out Distribution Deployment Daily Amount DA GFA Carve Out Distribution Deployment Monthly Amount	N/A N/A	N/A N/A		

124	555 27	DA GFA Carve Out Distribution Deployment Yearly Amount	N/A	1	N/A		
125	300.21	Total SPP Wholesale Market Charges	1973		19/73		
126		Total of 1 Wholesale market offarges					
127		MISO ASM					
128		Day Ahead Regulation Amount	N/A		N/A		
129		Real Time Regulation Amount	N/A	-	N/A		
130		Regulation Cost Distribution Amount	N/A	-	N/A		
131		Day Ahead Short-Term Reserve Amount	N/A	-	N/A		
132		Real Time Short-Term Reserve Amount	N/A N/A	-	N/A		
133		Short-Term Reserve Cost Distribution Amount	N/A N/A	-	N/A		
134		Day Ahead Spinning Reserve Amount	N/A	-	N/A		
135		Real Time Spinning Reserve Amount	N/A N/A	-	N/A		
136			N/A N/A	-	N/A		
		Spinning Reserve Cost Distribution Amount					
137		Day Ahead Supplemental Reserve Amount Real Time Supplemental Reserve Amount	N/A N/A		N/A N/A		
139		Supplemental Reserve Cost Distribution Amount	N/A		N/A		
140		Contingency Reserve Deployment Failure Charge Amount	N/A		N/A		
141		Real Time Excessive Deficient Energy Deployment Charge Amount	N/A	1	N/A		
142		Short-Term Reserve Deployment Failure Charge Amount	N/A	<u> </u>	N/A		
143		Net Regulation Adjustment Amount	N/A	1	N/A		
144		Total MISO ASM					
145							
146		Total Wholesale Market Charges					
147							
148							
149	Purcha	sed Power					
150			[PROTECTED DATA	A BEGI	NS		
151		Edgeley PPA					
152		Langdon PPA					
153		Ashtabula III PPA					
154		Tribal (WAPA)					Not Applicable to EAR - Excluded from Total
155		WAPA Energy Imbalance					
156		Shared Loads					
157		Small Co-gen					
158		Bilateral purchases					
159		Market Purchases					MISO and SPP Energy Only
160				PROT	ECTED DAT	A ENDS]	
161		Total Purchases	\$ 38.82	\$	24.65		Tribal (WAPA) excluded from Total
162							
163	Wind C	urtailment	\$ 367.93	\$	39.25		
164							
165	Asset E	Based Sales	\$ 60.60	\$	(112.16)		
							Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
166		Fuel Costs	N/A		N/A		Based Sales
							Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
167		Asset Based Margins	N/A		N/A		Based Sales
168		x					
169	Steam	Plant Reagents	N/A		N/A		Effective July 2022 - Docket No. E017/GR-20-719
170		*					
171	Steam/	Water Sales	N/A	1	N/A		Effective July 2022 - Docket No. E017/GR-20-719
172	_1001111		14//		1471		
173	Plannir	g Resource Auction Revenues	N/A		N/A		Effective June 2022
174		U	1471		, .		
175	Total S	ystem - Plant Level	\$ 23.97	s	20.14		Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total
	i otal o	,	- 20.07	, •	20.14		
						li.	

г			A	2024 F	A-4 F	(D)	
			August 2024	August 2024	Actual - Expense (Revenue)	
Line	Plant G		Forecast [PROTECTED DATA	Actual BEGINS			Notes
2		Big Stone Coyote	_				
3 4		Hoot Lake #2 Hoot Lake #3	Ξ.				Hoot Lake plant closed in May 2021
5 6		Total Coal	\$ 5,456,125	\$ 3,910,963	PROTECT \$ (1,545,162)	ED DATA ENDS] -28.32%	
7			[PROTECTED DATA	BEGINS	\$ (1,045,102)	-20.3270	
9		Langdon Wind Ashtabula Wind	_				
10 11		Luverne Wind Merricourt				ı	
12		Total Wind	s -	\$ -	PROTECT	ED DATA ENDS] 0	
14 15		Total Hydro	s -	\$ -	\$ -	0	
16 17		Jamestown 1	[PROTECTED DATA	BEGINS			
18		Jamestown 2	_ _				
19 20		Lake Preston				ED DATA ENDS]	
21 22		Total Oil - Peaking Units	\$ 179,578 [PROTECTED DATA		\$ (132,687)	-73.89%	
23 24		Natural gas - Solway Natural gas - Astoria					
25 26		Total Natural Gas	\$ 1,204,866	\$ 971,125	PROTECT \$ (233,741)	ED DATA ENDS] -19.40%	
27 28		Solar - Blue Jay	[PROTECTED DATA				
29		Solar - Blue Heron Solar - Hoot Lake					
31						ED DATA ENDS]	
32 33		Total Solar		\$ -	\$ -	0	
34 35		Total OTP-Owned	\$ 6,840,569	\$ 4,928,979	\$ (1,911,590)	-27.94%	
36 37		sale Market Charges MISO Wholesale Market Charges					
38 39	555.02	DA Asset Energy Amount*** DA FBT Loss Amount		\$ - \$ -	\$ - \$ -	0	Energy Amounts - included/embedded within Market Purchases
40 41	555.09	DA Non-asset Energy Amount*** RT Asset Energy Amount***	\$ -	\$ - \$ -	\$ - \$ -	0	Energy Amounts - included/embedded within Market Purchases Energy Amounts - included/embedded within Market Purchases
42	555.24	RT Distribution of Losses Amount	\$ (320,815)	\$ (198,684) \$ -	\$ 122,130	-38.07%	
43 44		RT FBT Loss Amount DA Loss Amount	\$ 811,306	\$ 509,869	\$ (301,436)	-37.15%	
45 46	555.26	RT Loss Amount RT Non-Asset Energy Amount***	\$ -	\$ 22,227 \$ -	\$ (24,194) \$ -		Energy Amounts - included/embedded within Market Purchases
47 48	555.08 555.12			\$ - \$ -	\$ - \$ -	0	
49 50	555.32	RT Virtual Energy Amount		\$ -	\$ - \$ (3,755)	-6.03%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
51 52	555.18	RT Mkt Admin Amount FTR Mkt Admin Amount	\$ 10,499 \$ 2,539	\$ 7,179	\$ (3,320) \$ (762)	-31.62%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
53	555.03	DA FBT Congestion Amount	\$ -	\$ -	\$ -	0	
54 55	555.20	DA Congestion RT FBT Congestion Amount		\$ -	\$ (792,847) \$ -	-33.73% 0	
56 57	555.14	RT Congestion FTR Hourly Allocation Amount	\$ 256,961 \$ (2,841,624)	\$ (2,398,511)	\$ 69,554 \$ 443,113	27.07% -15.59%	
58 59		FTR Monthly Allocation Amount FTR Yearly Allocation Amount	\$ (69,582) \$ -	\$ (15,469) \$ -	\$ 54,113 \$ -	-77.77% 0	
60 61	555.35		\$ - \$ (47,514)	\$ - \$ (101,047)	\$ - \$ (53,533)	0 112.67%	
62 63	555.37	FTR Guarantee Uplift Amount	\$ 47,514 \$ (4,428,580)	\$ 101,047	\$ 53,533 \$ 422,641	112.67% -9.54%	
64	555.38	FTR Annual Transaction Amount	\$ 4,418,041	\$ 3,971,145	\$ (446,896)	-10.12%	
65 66	555.41	FTR Auction Revenue Rights Stage 2 Distribution Amount	\$ 13,217 \$ (97,807)	\$ (214,831)	\$ (11,377) \$ (117,024)	-86.08% 119.65%	
67 68	555.10	DA Congestion Rebate on Option B GFA DA Revenue Sufficiency Guarantee Distribution Amount	\$ 16,437		\$ - \$ (9,770)	-59.44%	
69 70	555.29	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	\$ (59,674) \$ 53,082	\$ 15,549	\$ 55,216 \$ (37,533)	-92.53% -70.71%	
71 72		RT Revenue Sufficiency Guarantee Make Whole Pymt Amount RT Price Volatility Make Whole Payment	\$ (229,119) \$ (55,542)		\$ 229,119 \$ 29,529	-100.00% -53.16%	
73 74	555.28	RT Revenue Neutrality Uplift Amount RT Misc Amount	\$ 117,809 \$ 6,775	\$ 88,407	\$ (29,402) \$ (6,746)	-24.96% -99.58%	
75 76	555.27	RT Net Inadvertent Amount	\$ 170 \$ -	\$ (7,279)	\$ (7,449) \$ -	-4386.28% 0	
77	555.59	RT Demand Response Allocation Uplift Amount	\$ 16,034	\$ 2,727	\$ (13,307)	-82.99%	
78 79	555.64	RT Ramp Product	\$ (2,075) \$ (2,098)	\$ 119	\$ (7,554) \$ 2,217	364.08% -105.66%	
80 81	555.55		\$ 14,974 \$ -	\$ 17,932 \$ -	\$ 2,957 \$ -	19.75% 0	
82 83	555.05	RT ASM Excessive Energy Amount*** DA Congestion Rebate on COGA	\$ - \$ -	\$ - \$ -	\$ - \$ -	0	
84 85	555.06	DA Losses Rebate on COGA	\$ -	\$ -	\$ -	0	
86 87	555.23	RT Loss Rebate on COGA Net Congestion and Losses Adjustment & No DA Generation Schedule	\$ -	\$ - \$ 102,508	\$ - \$ 102,508	0	
88 89		Total MISO Wholesale Market Charges		\$ (257,894.61)		-	Total Excludes Schedule 16 and 17 (Lines 40, 41, 42 Above)
90		SPP Wholesale Market Charges	. 14,042	. ,_0.,004.01)	. (2.2,707)		T (ERROUTO, TI, TE (MOTO)
92		DA Asset Energy Amount***		\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
93 94	555.09	RT Asset Energy Amount***	\$ -	\$ - \$ -	\$ - \$ -		Energy Amounts - included/embedded within Market Purchases
95 96	555.02	DA Make-Whole-Payment Distribution Amount	\$ -	\$ - \$ -	\$ - \$ -	0	
97 98	555.10	RT Make-Whole-Payment Distribution Amount	\$ 1,109 \$ -		\$ (1,074) \$ -	-96.84% 0	
99	555.15	RT Revenue Neutrality Uplift Distribution Amount DA Regulation-Down Distribution Amount	\$ 248 \$ 16	\$ 6	\$ (242) \$ (16)	-97.75% -96.96%	
101	555.05	DA Regulation-Up Distribution Amount DA Spinning Reserve Distribution Amount	\$ 62 \$ 74	\$ 1	\$ (61)		
103	555.07	DA Supplemental Reserve Distribution Amount	\$ 11	\$ 0	\$ (11)	-99.53%	
104	555.11		\$ (2) \$ (28,410)	\$ (6,413)	\$ 2 \$ 21,997	-100.00% -77.43%	
106 107	555.13	RT Regulation Non-Performance Distribution Amount	\$ 3 \$ (2)	\$ 37		-60.39% -1792.66%	
108 109	555.14 555.16	RT Regulation-Up Distribution Amount RT Spinning Reserve Distribution Amount	\$ (3) \$ (1)	\$ (0) \$ 0	\$ 1	-103.07%	
110	555.17		\$ (3) \$ (82,332)	\$ -	\$ 3 \$ (53,334)	-100.00%	
112	555.21	RT Pseudo Tie Loss Amount Miscellaneous Amount	\$ (19,199) \$ (3)	\$ (14,649)	\$ 4,550 \$ 48	-23.70% -1918.00%	
114	555.26	ARR Closeout Yearly Amount	\$ -	\$ -	\$ -	0	
115	555.29	RT Schedule 1A3 Amount	\$ 0 \$ 7	\$ 0	\$ (0) \$ (7)	-98.66%	
117 118	555.31	RT Schedule 1A4 Amount DA Ramp Up Distribution Amount	\$ 37 \$ 74	\$ -	\$ (36) \$ (74)		New charge type in 2022
119 120	555.33	RT Ramp Non Performance Distribution Amount		\$ 1	\$ - \$ 1	0	New charge type in 2022 New charge type in 2022
121 122	555.34	RT Ramp Up Distribution Amount	\$ (1) \$ (5)	\$ -	\$ 1 \$ 5	-100.00%	New charge type in 2022 New charge type in 2022
123	555.36		\$ -		\$ -		New charge type in 2024

			-		-					In the second se
124		RtURDDistAoAmt	\$	-	\$		\$	(07)		New charge type in 2024
125		DA GFA Carve Out Distribution Deployment Daily Amount	\$	28		1		(27)	-98.09%	
126		DA GFA Carve Out Distribution Deployment Monthly Amount	\$	-	\$	-	\$	-	0	
127	555.27	DA GFA Carve Out Distribution Deployment Yearly Amount	\$		\$		\$		0	
128 129		Total SPP Wholesale Market Charges	\$	(128,294)	\$	(156,601)	\$	(28,307)	22.06%	
130		MICO ACM			_		-			
		MISO ASM	_		_	, ,	<u> </u>			
131		Day Ahead Regulation Amount	\$	(39,016)		(88,447)		(49,432)	126.70%	
132		Real Time Regulation Amount	\$	5,125		(6,156)		(11,281)	-220.12%	
133		Regulation Cost Distribution Amount	\$	19,027		21,929		2,902	15.25%	
134		Day Ahead Short-Term Reserve Amount	\$	(2,536)		(41,361)		(38,825)	1530.99%	
135		Real Time Short-Term Reserve Amount	\$	(134)		9,822		9,956	-7403.47%	
136		Short-Term Reserve Cost Distribution Amount	\$	2,422		28,365		25,944	1071.22%	
137		Day Ahead Spinning Reserve Amount	\$	(37,719)		(22,345)		15,374	-40.76%	
138		Real Time Spinning Reserve Amount	\$	19,213		1,216		(17,996)	-93.67%	
139		Spinning Reserve Cost Distribution Amount	\$	18,066		9,997		(8,068)	-44.66%	
140		Day Ahead Supplemental Reserve Amount	\$	(47,527)		(32,719)		14,808	-31.16%	
141		Real Time Supplemental Reserve Amount	\$	9,017		4,964		(4,054)	-44.96%	
142		Supplemental Reserve Cost Distribution Amount	\$	5,258		3,919		(1,340)	-25.48%	
143	555.51		\$	3,407		-	\$	(3,407)	-100.00%	
144			\$	1,927		(4,372)		(6,299)	-326.81%	
145		Short-Term Reserve Deployment Failure Charge Amount	\$		\$		\$		0	
146	555.49	Net Regulation Adjustment Amount	\$	1,016		12,189	\$	11,173	1100.13%	
147		Total MISO ASM	\$	(42,455)	\$	(102,999)	\$	(60,545)	142.61%	
148					<u> </u>		١			
149		Total Wholesale Market Charges	\$	(156,206)	\$	(517,495)	\$	(361,288)	231.29%	
150										
151							_			
152	Purcha	sed Power					_			
153			[PROTEC	TED DATA	A BE	GINS				
153 154		Edgeley PPA	[PROTEC	TED DATA	A BE	GINS				
153 154 155		Edgeley PPA Langdon PPA	[PROTEC	TED DATA	A BE	GINS				
153 154 155 156		Edgeley PPA Langdon PPA Ashtabula III PPA	[PROTECT	TED DATA	Ą BE	GINS				
153 154 155 156 157		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA)	[PROTECT	TED DATA	A BE	GINS				Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance	[PROTECT	TED DATA	A BE	GINS				Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158 159		Edoeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads	[PROTECT	TED DATA	A BE	GINS				Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158 159 160		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen	[PROTEC	TED DATA	A BE	GINS				Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158 159 160 161		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Balteral purchases	[PROTEC	TED DATA	A BE	GINS				
153 154 155 156 157 158 159 160 161 162		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen	[PROTEC	TED DATA	A BE	GINS				Not Applicable to EAR - Excluded from Total MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Blatteral purchases Market Purchases							ED DATA ENDS]	MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Balteral purchases		TED DAT <i>i</i>		4,195,619	\$	PROTECT (503,829)		
153 154 155 156 157 158 159 160 161 162 163 164		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases	\$ 4	,699,448	\$	4,195,619		(503,829)	-10.72%	MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164 165 166		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Blatteral purchases Market Purchases			\$					MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment	\$ 4	1,699,448 (11,871)	\$	4,195,619	\$	(503,829) (6,335)	-10.72% 53.36%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Enerty Imbalance Shared Loads Shared Loads Shall Co-gen Bilateral purchases Market Purchases Total Purchases urtallment Jased Sales	\$ 4	,699,448 (11,871) (582,865)	\$ \$	4,195,619 (18,206) (951,991)	\$	(503,829) (6,335) (369,127)	-10.72% 53.36% 63.33%	MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtailment 3ased Sales Fuel Costs	\$ 4	,699,448 (11,871) (582,865) (249,192)	\$ \$	4,195,619 (18,206) (951,991) (532,122)	\$ \$	(503,829) (6,335) (369,127) (282,930)	-10.72% 53.36% 63.33% 113.54%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Enerty Imbalance Shared Loads Shared Loads Shall Co-gen Bilateral purchases Market Purchases Total Purchases urtallment Jased Sales	\$ 4	,699,448 (11,871) (582,865)	\$ \$	4,195,619 (18,206) (951,991)	\$ \$	(503,829) (6,335) (369,127)	-10.72% 53.36% 63.33%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtallment 3ased Sales Fuel Costs Asset Based Margins	\$ 4	(11,871) (582,865) (249,192) (333,673)	\$ \$ \$ \$ \$ \$ \$ \$	4,195,619 (18,206) (951,991) (532,122) (419,869)	\$ \$ \$ \$	(503,829) (6,335) (369,127) (282,930) (86,197)	-10.72% 53.36% 63.33% 113.54% 25.83%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 170	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtailment 3ased Sales Fuel Costs	\$ 4	,699,448 (11,871) (582,865) (249,192)	\$ \$ \$ \$ \$ \$ \$ \$	4,195,619 (18,206) (951,991) (532,122)	\$ \$ \$ \$	(503,829) (6,335) (369,127) (282,930)	-10.72% 53.36% 63.33% 113.54% 25.83%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172	Wind C Asset E	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Balteral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins ake Solar Generation Credit	\$ 4 \$ \$ \$ \$ \$,699,448 (11,871) (582,865) (249,192) (333,673) (389,885)	\$ \$ \$ \$ \$	4,195,619 (18,206) (951,991) (532,122) (419,869) (284,937)	\$ \$	(503,829) (6,335) (369,127) (282,930) (86,197) 104,948	-10.72% 53.36% 63.33% 113.54% 25.83%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 171 172 172 173 174	Wind C Asset E	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtallment 3ased Sales Fuel Costs Asset Based Margins	\$ 4	(11,871) (582,865) (249,192) (333,673)	\$ \$ \$ \$ \$	4,195,619 (18,206) (951,991) (532,122) (419,869)	\$ \$	(503,829) (6,335) (369,127) (282,930) (86,197)	-10.72% 53.36% 63.33% 113.54% 25.83%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174	Wind C Asset E Hoot L	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Batteral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents	\$ 4	(11,871) (582,865) (249,192) (333,673) (389,885) 280,160	\$ \$ \$ \$ \$ \$	4,195,619 (18,206) (951,991) (532,122) (419,869) (284,937) 319,689	\$ \$ \$	(503,829) (6,335) (369,127) (282,930) (86,197) 104,948 39,529	-10.72% 53.36% 63.33% 113.54% 25.83% \$ (0) \$ 0	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 170 171 172 173 174 175	Wind C Asset E Hoot L	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Balteral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins ake Solar Generation Credit	\$ 4	,699,448 (11,871) (582,865) (249,192) (333,673) (389,885)	\$ \$ \$ \$ \$ \$	4,195,619 (18,206) (951,991) (532,122) (419,869) (284,937)	\$ \$ \$	(503,829) (6,335) (369,127) (282,930) (86,197) 104,948	-10.72% 53.36% 63.33% 113.54% 25.83% \$ (0) \$ 0	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176	Wind C Asset E Hoot L Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Louds Shared Louds Shared Louds Shared Louds Shared Louds Bilderal purchases Market Purchases Total Purchases urtailment Sased Sales Fuel Costs Asset Based Margins aike Solar Generation Credit Plant Reagents Water Sales Water Sales	\$ 4	,699,448 (11,871) (582,865) (249,192) (333,673) (389,885) 280,160 (120,241)	\$ \$ \$ \$ \$	4,195,619 (18,206) (951,991) (552,122) (419,869) (284,937) 319,689	\$ \$	(503,829) (6,335) (369,127) (282,930) (86,197) 104,948 39,529 28,450	-10.72% 53.36% 63.33% 113.54% 25.83% \$ (0) \$ (0)	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective January 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 177 178	Wind C Asset E Hoot L Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Batteral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents	\$ 4	(11,871) (582,865) (249,192) (333,673) (389,885) 280,160	\$ \$ \$ \$ \$ \$	4,195,619 (18,206) (951,991) (532,122) (419,869) (284,937) 319,689	\$ \$	(503,829) (6,335) (369,127) (282,930) (86,197) 104,948 39,529	-10.72% 53.36% 63.33% 113.54% 25.83% \$ (0) \$ (0)	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 177 177	Wind C Asset E Hoot L Steam Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Longton Shared Longton Bilderal purchases Market Purchases Total Purchases urtailment Sased Sales Fuel Costs Asset Based Margins aike Solar Generation Credit Plant Reagents Water Sales g Resource Auction Revenues	\$ 4	,699,448 (11,871) (582,865) (249,192) (333,673) (389,885) 280,160 (120,241)	\$ \$ \$ \$ \$ \$	4,195,619 (18,206) (951,991) (532,122) (419,869) (284,937) 319,689 (91,791) (24,930)	\$ \$	(503,829) (6,335) (369,127) (282,930) (86,197) 104,948 39,529 28,450	-10.72% 53.36% 63.33% 113.54% 25.83% \$ (0) \$ 0	MisO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719 Effective June 2022
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177	Wind C Asset E Hoot L Steam Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Louds Shared Louds Shared Louds Shared Louds Shared Louds Bilderal purchases Market Purchases Total Purchases urtailment Sased Sales Fuel Costs Asset Based Margins aike Solar Generation Credit Plant Reagents Water Sales Water Sales	\$ 4	,699,448 (11,871) (582,865) (249,192) (333,673) (389,885) 280,160 (120,241)	\$ \$ \$ \$ \$ \$	4,195,619 (18,206) (951,991) (552,122) (419,869) (284,937) 319,689	\$ \$	(503,829) (6,335) (369,127) (282,930) (86,197) 104,948 39,529 28,450	-10.72% 53.36% 63.33% 113.54% 25.83% \$ (0) \$ 0	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719

^{***} These energy related charge types are reported in Market Purchases

F			August 2024 Forecas August 2024	t to Actual - Expe August 2024	nse (R	tevenue)
	par.		Forecast	Actual		Notes
Line 1		eneration Big Stone	[PROTECTED DATA	BEGINS		
3		Coyote Hoot Lake #2		-		Host Lake plant algored in May 2024
4		Hoot Lake #2	_			Hoot Lake plant closed in May 2021
5 6		Total Coal	PR0 224,072	TECTED DATA E 143,929		
7 8		Langdon Wind	[PROTECTED DAT	A BEGINS		
9		Ashtabula Wind				
10 11		Ashtabula III Luverne Wind	_	-		
12		Merricourt		TECTED DATA E	NDC1	
14		Total Wind and Solar	75,253	78,153		
15 16		Total Hydro	1,699	657		
17 18		Jamestown 1	[PROTECTED DAT	A BEGINS		
19		Jamestown 2		-		
20		Lake Preston	PR0	TECTED DATA E	NDS]	
22 23		Total Oil - Peaking Units	791 [PROTECTED DAT			
24		Natural gas - Solway	- INGIEGIES BAI	-		
25 26		Natural gas - Astoria		TECTED DATA E		
27 28		Total Natural Gas	35,399 [PROTECTED DAT	44,144 A BEGINS		
29		Solar - Blue Jay				
31		Solar - Blue Heron Solar - Hoot Lake				
32 33		Solar - Red Lake Falls Area SB Solar Solar - Karlstad Area SB				
34 35		Solar - Crookston Area SB	pn	TECTED DATA E	NDei	
36		Total Solar		8,084	נטטו	
37 38		Total OTP-Owned	337,214	275,081		
39 40	Wholes	ale Market Charges		.,		
41		MISO Wholesale Market Charges				
42 43	555.04	DA Asset Energy Amount*** DA FBT Loss Amount	N/A N/A	N/A N/A		
44 45	555.09	DA Non-asset Energy Amount*** RT Asset Energy Amount***	N/A N/A	N/A N/A		
46	555.24	RT Distribution of Losses Amount	N/A	N/A		
47 48		RT FBT Loss Amount DA Loss Amount	N/A N/A	N/A N/A		
49 50	555 26	RT Loss Amount RT Non-Asset Energy Amount***	N/A N/A	N/A N/A		
51	555.08	DA Losses Rebate on Option B GFA	N/A	N/A		
52 53	555.12 555.32	DA Virtual Energy Amount RT Virtual Energy Amount	N/A N/A	N/A N/A		
54 55	555.01	DA Mkt Admin Amount RT Mkt Admin Amount	N/A N/A	N/A N/A		
56	555.13	FTR Mkt Admin Amount	N/A	N/A		
57 58		DA FBT Congestion Amount DA Congestion	N/A N/A	N/A N/A		
59 60	555.2	RT FBT Congestion Amount RT Congestion	N/A N/A	N/A N/A		
61	555.14	FTR Hourly Allocation Amount	N/A	N/A		
62 63	555.17	FTR Monthly Allocation Amount FTR Yearly Allocation Amount	N/A N/A	N/A N/A		
64 65	555.35 555.36	FTR Monthly Transaction Amount FTR Full Funding Guarantee Amount	N/A N/A	N/A N/A		
66	555.37	FTR Guarantee Uplift Amount	N/A	N/A		
67 68	555.38	FTR Auction Revenue Rights Transaction Amount FTR Annual Transaction Amount	N/A N/A	N/A N/A		
69 70		FTR Auction Revenue Rights Infeasible Uplift Amount FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A N/A	N/A N/A		
71	555.07	DA Congestion Rebate on Option B GFA	N/A	N/A		
72 73	555.11	DA Revenue Sufficiency Guarantee Distribution Amount DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A N/A	N/A		
74 75	555.29	RT Revenue Sufficiency Guarantee First Pass Distribution Amount RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A N/A	N/A N/A		
76	555.42	RT Price Volatility Make Whole Payment	N/A N/A	N/A		
77 78	555.25	RT Revenue Neutrality Uplift Amount RT Misc Amount	N/A	N/A N/A		
79 80	555.27 555.31	RT Net Inadvertent Amount RT Uninstructed Deviation Amount	N/A N/A	N/A N/A		
81 82	555.59	RT Demand Response Allocation Uplift Amount DA Ramp Product	N/A N/A	N/A N/A		
83	555.64	RT Ramp Product	N/A	N/A		
84 85	555.65	RT Schedule 49 Cost Distribution Amount RT ASM Non-Excessive Energy Amount***	N/A N/A	N/A N/A		
86 87	555.56	RT ASM Excessive Energy Amount*** DA Congestion Rebate on COGA	N/A N/A	N/A N/A		
88	555.06	DA Losses Rebate on COGA	N/A	N/A		
89 90	555.23	RT Congestion Rebate on COGA RT Loss Rebate on COGA	N/A N/A	N/A	L	
91 92		Net Congestion and Losses Adjustment & No DA Generation Schedu		N/A		
93		Total MISO Wholesale Market Charges				
94 95		SPP Wholesale Market Charges				
96 97	555.19	DA Asset Energy Amount*** DA Non-asset Energy Amount	N/A N/A	N/A N/A		
98	555.09	RT Asset Energy Amount***	N/A	N/A		
99 100	555	RT Non-Asset Energy Amount DA Make-Whole-Payment Distribution Amount	N/A N/A	N/A N/A		
101 102	555.1	RT Make-Whole-Payment Distribution Amount RT Revenue Sufficiency Guarantee Distribution Amount	N/A N/A	N/A N/A		
103	555.15	RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A		
104 105		DA Regulation-Down Distribution Amount DA Regulation-Up Distribution Amount	N/A N/A		L	
106	555.06	DA Spinning Reserve Distribution Amount DA Supplemental Reserve Distribution Amount	N/A N/A	N/A N/A		
108	555.08	RT Contingency Reserve Deployment Failure Amount	N/A	N/A		
109 110	555.12	RT Over-Collected Losses Distribution Amount RT Regulation-Down Distribution Amount	N/A N/A	N/A N/A		
111	555.13	RT Regulation Non-Performance Distribution Amount RT Regulation-Up Distribution Amount	N/A N/A	N/A N/A		
113	555.16	RT Spinning Reserve Distribution Amount	N/A	N/A		
114 115	555.17 555.2	RT Supplemental Reserve Distribution Amount RT Pseudo Tie Congestion Amount	N/A N/A			
116	555.21	RT Pseudo Tie Loss Amount	N/A	N/A		
117 118	555.26	Miscellaneous Amount ARR Closeout Yearly Amount	N/A N/A	N/A N/A		
119 120	555.29	RT Demand Reduction Distribution Amount RT Schedule 1A3 Amount	N/A N/A	N/A N/A		
121	555.30	RT Schedule 1A4 Amount	N/A	N/A		New shares two in 2022
122 123		DA Ramp Up Distribution Amount DA Ramp Down Distribution Amount	N/A N/A			New charge type in 2022 New charge type in 2022
						-

124	555 33	RT Ramp Non Performance Distribution Amount	N/A	N/A		New charge type in 2022
125		RT Ramp Up Distribution Amount	N/A	N/A		New charge type in 2022
126		RT Ramp Down Distribution Amount	N/A	N/A		New charge type in 2022
127		DA GFA Carve Out Distribution Deployment Daily Amount	N/A	N/A		New charge type in 2022
128		DA GFA Carve Out Distribution Deployment Monthly Amount	N/A	N/A		
129		DA GFA Carve Out Distribution Deployment Yearly Amount	N/A	N/A		
130	333.21	Total SPP Wholesale Market Charges	1975	1977		
131		Total SFF Wholesale Market Charges				
132		MISO ASM				
133		Day Ahead Regulation Amount	N/A	N/A		
134		Real Time Regulation Amount	N/A	N/A		
135		Regulation Cost Distribution Amount	N/A	N/A		
		Day Ahead Short-Term Reserve Amount	N/A N/A	N/A N/A		
136		Real Time Short-Term Reserve Amount	N/A N/A	N/A N/A		
137		Short-Term Reserve Amount Short-Term Reserve Cost Distribution Amount	N/A N/A	N/A N/A		
138		Day Ahead Spinning Reserve Amount	N/A N/A	N/A N/A		
139						
140		Real Time Spinning Reserve Amount	N/A	N/A		
141		Spinning Reserve Cost Distribution Amount	N/A	N/A		
142		Day Ahead Supplemental Reserve Amount	N/A	N/A		
143		Real Time Supplemental Reserve Amount	N/A	N/A		
144		Supplemental Reserve Cost Distribution Amount	N/A	N/A		
145		Contingency Reserve Deployment Failure Charge Amount	N/A	N/A		
146		Real Time Excessive Deficient Energy Deployment Charge Amount	N/A	N/A		
147		Short-Term Reserve Deployment Failure Charge Amount	N/A	N/A		
148		Net Regulation Adjustment Amount	N/A	N/A		
149		Total MISO ASM				
150						
151		Total Wholesale Market Charges				
152						
153						
154	Purcha	sed Power				
155			[PROTECTED DAT	A BEGINS		
156		Edgeley PPA	_	. +		
157		Langdon PPA	_	_		
158		Ashtabula III PPA	_	_		
159		Tribal (WAPA)	_	+		Not Applicable to EAR - Excluded from Total
160		WAPA Energy Imbalance	_	+		
161		Shared Loads	_	4		
162		Small Co-gen	_	1		
163		Bilateral purchases	-	1		
164		Market Purchases				MISO and SPP Energy Only
165				TECTED DATA EN	NDS]	
166		Total Purchases	132,751	189,456		Tribal (WAPA) excluded from Total
167						
168	Wind C	urtailment	(51)	(464)		
169						
170	Asset E	Based Sales	(9,452)	(21,480)		Credit to MN FCA Calculation - Subtracted from Total
171		Fuel Costs				Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
17.1		I doi Coolo				Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
172		Asset Based Margins		l l		Based Sales
173		r wood Dadou margilla				
174	Steam	Plant Reagents		-	\vdash	Effective July 2022 - Docket No. E017/GR-20-719
175	Otean	- min rougemo		-	\vdash	Endouro daly Edel Dourist No. Ed 11/ON-20-1 10
176	Steam	Water Sales		-		Effective July 2022 - Docket No. E017/GR-20-719
177	OtedIII/	Hatel Vales		-		Ellocuvo duly 2022 - DUCKSt INU. EU 11/GIN-20-1 18
				-		Effective June 2022
	Diannia	na Pasourca Auction Payanues				
178	Plannin	g Resource Auction Revenues	-	-		Ellective June 2022
		g Resource Auction Revenues vstem - Plant Level	460.461	442.593		Tribal (WAPA) excluded from Total: Asset Based Sales subtracted from Total

F			August 2024 Foreca August 2024	st to Actual - Expe August 2024	nse (Reve	nue)
			Forecast	Actual		Notes
Line 1		eneration Big Stone	[PROTECTED DATA	A BEGINS		
2		Coyote		PROTECTED DA	TA ENDO	
3 4		Total Coal	\$ 24.35	\$ 27.17	A ENDS	
5 6		Langdon Wind	[PROTECTED DATA	BEGINS		
7 8		Ashtabula Wind Ashtabula III	=			
9		Luverne Wind				
10		Merricourt		PROTECTED DA	TA ENDS]	
12 13		Total Wind	\$ -	\$ -		
14		Total Hydro	\$ -	\$ -		
15 16		Jamestown 1	[PROTECTED DATA	BEGINS		
17 18		Jamestown 2 Lake Preston				
19				PROTECTED DA	A ENDS]	
20		Total Oil - Peaking Units	[PROTECTED DATA	A BEGINS		
22		Natural gas - Solway Natural gas - Astoria				
24 25		Total Natural Gas	\$ 34.04	PROTECTED DA	A ENDS	
26			\$ 34.04 [PROTECTED DATA			
27 28		Solar - Blue Jay Solar - Blue Heron	-			
29		Solar - Hoot Lake				
30 31		Total Solar	\$ -	.PROTECTED DA	A ENDS]	
32 33		Total OTP-Owned		\$ 49.17		
34	14		- 00.33	7 70.17		
35 36		ale Market Charges MISO Wholesale Market Charges				
37 38	555.02	DA Asset Energy Amount*** DA FBT Loss Amount	N/A N/A	N/A N/A		
39	555.09	DA Non-asset Energy Amount***	N/A	N/A		
40 41	555.24	RT Asset Energy Amount*** RT Distribution of Losses Amount	N/A N/A	N/A N/A		
42 43	555.21	RT FBT Loss Amount DA Loss Amount	N/A N/A	N/A N/A		
44		RT Loss Amount	N/A	N/A		
45 46	555.26 555.08	RT Non-Asset Energy Amount*** DA Losses Rebate on Option B GFA	N/A N/A	N/A N/A		
47 48	555.12	DA Virtual Energy Amount	N/A N/A	N/A N/A		
49	555.01	RT Virtual Energy Amount DA Mkt Admin Amount	N/A	N/A		
50 51		RT Mkt Admin Amount FTR Mkt Admin Amount	N/A N/A	N/A N/A		
52 53		DA FBT Congestion Amount	N/A N/A	N/A N/A		
54	555.2	DA Congestion RT FBT Congestion Amount	N/A	N/A		
55 56		RT Congestion FTR Hourly Allocation Amount	N/A N/A	N/A N/A		
57	555.15	FTR Monthly Allocation Amount	N/A N/A	N/A		
58 59	555.35	FTR Yearly Allocation Amount FTR Monthly Transaction Amount	N/A	N/A N/A		
60	555.36 555.37	FTR Full Funding Guarantee Amount FTR Guarantee Uplift Amount	N/A N/A	N/A N/A		
62 63	555.39	FTR Auction Revenue Rights Transaction Amount FTR Annual Transaction Amount	N/A N/A	N/A N/A		
64	555.40	FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A		
65 66		FTR Auction Revenue Rights Stage 2 Distribution Amount DA Congestion Rebate on Option B GFA	N/A N/A	N/A N/A		
67 68	555.1	DA Revenue Sufficiency Guarantee Distribution Amount DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A N/A	N/A N/A		
69	555.29	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	N/A	N/A		
70 71		RT Revenue Sufficiency Guarantee Make Whole Pymt Amount RT Price Volatility Make Whole Payment	N/A N/A	N/A N/A		
72 73	555.28	RT Revenue Neutrality Uplift Amount RT Misc Amount	N/A N/A	N/A N/A		
74	555.27	RT Net Inadvertent Amount	N/A	N/A		
75 76	555.59	RT Uninstructed Deviation Amount RT Demand Response Allocation Uplift Amount	N/A N/A	N/A N/A		
77 78	555.63	DA Ramp Product RT Ramp Product	N/A N/A	N/A N/A		
79	555.65	RT Schedule 49 Cost Distribution Amount	N/A	N/A		
80 81	555.56	RT ASM Non-Excessive Energy Amount*** RT ASM Excessive Energy Amount***	N/A N/A	N/A N/A		
82 83	555.05	DA Congestion Rebate on COGA DA Losses Rebate on COGA	N/A N/A	N/A N/A		
84	555.22	RT Congestion Rebate on COGA	N/A	N/A		
85 86	555.23	RT Loss Rebate on COGA Net Congestion and Losses Adjustment & No DA Generation Schedule	N/A N/A	N/A N/A		
87 88		Total MISO Wholesale Market Charges				
89						
90 91	555.19	SPP Wholesale Market Charges DA Asset Energy Amount***	N/A	N/A		
92	555.03	DA Non-asset Energy Amount RT Asset Energy Amount***	N/A N/A	N/A N/A		
94	555	RT Non-Asset Energy Amount	N/A	N/A		
95 96		DA Make-Whole-Payment Distribution Amount RT Make-Whole-Payment Distribution Amount	N/A N/A	N/A N/A		
97 98	555.18	RT Revenue Sufficiency Guarantee Distribution Amount RT Revenue Neutrality Uplift Distribution Amount	N/A N/A	N/A N/A		
99	555.04	DA Regulation-Down Distribution Amount	N/A	N/A		
100	555.06	DA Regulation-Up Distribution Amount DA Spinning Reserve Distribution Amount	N/A N/A	N/A N/A		
102	555.07	DA Supplemental Reserve Distribution Amount RT Contingency Reserve Deployment Failure Amount	N/A	N/A		
103 104	555.11	RT Over-Collected Losses Distribution Amount	N/A N/A	N/A N/A		
105 106	555.13	RT Regulation-Down Distribution Amount RT Regulation Non-Performance Distribution Amount	N/A N/A	N/A N/A		
107	555.14	RT Regulation-Up Distribution Amount RT Spinning Reserve Distribution Amount	N/A N/A	N/A N/A		
109	555.17	RT Supplemental Reserve Distribution Amount	N/A	N/A		
110 111	555.2	RT Pseudo Tie Congestion Amount RT Pseudo Tie Loss Amount	N/A N/A	N/A N/A		
112	555.23	Miscellaneous Amount	N/A N/A	N/A N/A		
114	555.28	ARR Closeout Yearly Amount RT Demand Reduction Distribution Amount	N/A	N/A		
115 116	555.29	RT Schedule 1A3 Amount RT Schedule 1A4 Amount	N/A N/A	N/A N/A		
117	555.31	DA Ramp Up Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022
119	555.33	DA Ramp Down Distribution Amount RT Ramp Non Performance Distribution Amount	N/A	N/A		New charge type in 2022 New charge type in 2022
120 121		RT Ramp Up Distribution Amount RT Ramp Down Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022 New charge type in 2022
122	555.01	DA GFA Carve Out Distribution Deployment Daily Amount	N/A	N/A		- 4
123	555.22	DA GFA Carve Out Distribution Deployment Monthly Amount	N/A	N/A		

124	555.27 DA GFA Carve Out Distribution Deployment Yearly Amount	N/A	N/A		
125	Total SPP Wholesale Market Charges	IN/A	IWA		
126	Total SFF Wildlesale Market Charges				
127	MISO ASM				
128	Day Ahead Regulation Amount	N/A	N/A		
129	Real Time Regulation Amount	N/A	N/A		
130	Regulation Cost Distribution Amount	N/A	N/A		
131	Day Ahead Short-Term Reserve Amount	N/A	N/A		
132	Real Time Short-Term Reserve Amount	N/A	N/A		
133	Short-Term Reserve Cost Distribution Amount	N/A	N/A		
134	Day Ahead Spinning Reserve Amount	N/A	N/A		
135	Real Time Spinning Reserve Amount	N/A	N/A		
136	Spinning Reserve Cost Distribution Amount	N/A	N/A		
137	Day Ahead Supplemental Reserve Amount	N/A	N/A		
138	Real Time Supplemental Reserve Amount	N/A	N/A		
139	Supplemental Reserve Cost Distribution Amount	N/A	N/A		
140	Contingency Reserve Deployment Failure Charge Amount	N/A	N/A		
141	Real Time Excessive Deficient Energy Deployment Charge Amount	N/A	N/A		
142	Short-Term Reserve Deployment Failure Charge Amount	N/A	N/A		
143	Net Regulation Adjustment Amount	N/A	N/A		
144	Total MISO ASM				
145					
146	Total Wholesale Market Charges				
147					
148					
149	Purchased Power				
150		PROTECTED DATA	BEGINS		
151	Edgeley PPA				
152	Langdon PPA	-			
153	Ashtabula III PPA	-	1		
154	Tribal (WAPA)	=			Not Applicable to EAR - Excluded from Total
155	WAPA Energy Imbalance	-	•		Not Applicable to EARY - Excitated from Total
156	Shared Loads	-			
157	Small Co-gen	-			
158	Bilateral purchases	-			
159	Market Purchases	-			MISO and SPP Energy Only
160	Ividi Ket Ful Clidses		PROTECTED DAT		INISO and SFF Energy Only
161	Total Purchases			A ENDO	Tribal (WAPA) excluded from Total
162	Total Purchases	\$ 35.40	\$ 22.15		Tribal (WAPA) excluded from Total
163	Wind Curtailment	\$ 232.76	\$ 39.22		
164	Wind Curtailment	\$ 232.76	\$ 39.22		
	Accest December Colors	\$ 61.66	6 44.00		
165	Asset Based Sales	\$ 61.66	\$ 44.32		E LO LAMANI LAM CAMANILLA LA
					Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
166	Fuel Costs	N/A	N/A		Based Sales
					Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
167	Asset Based Margins	N/A	N/A		Based Sales
168					
169	Steam Plant Reagents	N/A	N/A		Effective July 2022 - Docket No. E017/GR-20-719
170					
171	Steam/Water Sales	N/A	N/A		Effective July 2022 - Docket No. E017/GR-20-719
172					
173	Planning Resource Auction Revenues	N/A	N/A		Effective June 2022
174					
175	Total System - Plant Level	\$ 22.93	\$ 17.07		Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total
					• • •

Transport Tran	-							
Tree Proceed Service Procedit Proceed Service Procedit Proceed Service	F			September 2024	September 2024	o Actual - Expens	e (Revenue)	
Transfer Property	Line	Plant G	Seneration					Notes
A	1		Big Stone	-	DEGINO			
Transport Tran				-				Hoot Lake plant closed in May 2021
Total Cont			Hoot Lake #3			PROTECT	ED DATA ENDS	
1.	6		Total Coal	\$ 2,939,804	\$ 2,766,672			
1	8		Langdon Wind		BEGINS		1	
Microscope	10			-				
1.00	11					PROTECT	TED DATA ENDO	
1.00 Total Agent 1.00	13		Total Wind	\$ -	\$ -			
			Total Hydro	s -	\$ -	\$ -	0	
1.	16			[PROTECTED DATA	BEGINS			
Total Control Contro	18		Jamestown 2	- -				
Total Content Total Name				1		PROTECT	ED DATA ENDS	
	21		Total Oil - Peaking Units	\$ -		\$ -		
	23		Natural gas - Solway	JFKOTECTED DATA -	BEGINS	Į.	٠ .	
Total Name of State	24 25		Natural gas - Astoria	-		PROTECT	ED DATA ENDS	
Sec. Color	26		Total Natural Gas			\$ 12,955	5.11%	
State - No. Label	28			-	DEGINO			
Transferred 1	30			<u> </u>		<u> </u>		
Tend Of The Common	31			s -	s -			
No.	33							
Websterle Detroit Charges	35			a 3,193,336	3 ,033,160	\$ (160,176)	-5.02%	
Sec. Control	36	Wholes	sale Market Charges MISO Wholesale Market Charges		-			
60 500 Dis November Promptime	38	555.02	DA Asset Energy Amount***		\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
1.50 1977 Force Energy Company 1.50	40	555.09	DA Non-asset Energy Amount***	\$ -		*	0	Energy Amounts - included/embedded within Market Purchases
60 60 1 1 1 1 1 1 1 1 1	41	555.19	RT Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
64 Sept. Col. Lond Process Col. Process C	43	555.21	RT FBT Loss Amount	\$ -	\$ -	\$ -	0	
60	45		RT Loss Amount	\$ 44,629	\$ 12,023	\$ (32,606)	-73.06%	
65 100 Not North Engineers		555.26 555.08	RT Non-Asset Energy Amount*** DA Losses Rebate on Option B GFA			\$ -		
95 95 95 95 95 95 95 95	48	555.12	DA Virtual Energy Amount	\$ -	\$ -	\$ -	0	
Sci. Fig. Nat. Admin. Ancest \$ 2,241 \$ 1600 \$ 1000 \$ 78.00; beninde from Total MISO Wholesale Market Charges - Net AMIL EARL Application - Company \$ 2,225,313 \$ 3,000 \$ 73.00; \$	50	555.01	DA Mkt Admin Amount	\$ 57,521	\$ 61,842		7.51%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
50.50 St. RET Comparison Amount							-31.96% -26.30%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
50.50 St. FET Concession Amount	53	555.03	DA FBT Congestion Amount	\$ -	\$ -	\$ -	0	
SSS 14 TRY Books Medical Amount	55	555.20	RT FBT Congestion Amount	\$ -	\$ -	\$ -	0	
56. 56. Fif N. Morey Absolance Amount	56 57	555 14	RT Congestion ETR Hourly Allocation Amount	\$ 247,043 \$ (2,731,944)	\$ 249,657 \$ (7.510.488)			
Sec. 17 Months Tribus	58	555.15	FTR Monthly Allocation Amount	\$ (66,896)	\$ (176,396)			
65.00 55.00 Filt Ruction Bereins (Fight Recommend)	60			\$ -	\$ -			
65.53 FFR Auctor Revenue Physics Transaction Amount \$ (4.571473) \$ (600.0007) \$ (1.4686860) \$ 33.199.	61	555.36	FTR Full Funding Guarantee Amount					
655 655 617 Pit Auction Revenue Brights Infriends Display 2 (Bulletin State Section 1997) 656 655 618 61	63	555.39	FTR Auction Revenue Rights Transaction Amount	\$ (4,521,413)	\$ (6,020,307)	\$ (1,498,895)	33.15%	
655 155 178 Autor Revenue Rotts Stage 2 Distribution Amount \$ 1,55 1,000 \$ 1,95 \$ 1,000 \$ 1,95 \$ 1,000 \$ 1,95 \$ 1,000 \$ 1,		555.40	FTR Auction Revenue Rights Infeasible Uplift Amount					
855.10 DA Revenue Sufficiency Guarante Market Winker Part Amount \$ 21,075 \$ 3,055 \$ 3,275 \$ 3,		555.41	FTR Auction Revenue Rights Stage 2 Distribution Amount					
77	68	555.10	DA Revenue Sufficiency Guarantee Distribution Amount	\$ 15,506	\$ 9,348	\$ (6,158)	-39.71%	
72 555.42 RT From Volatibly Male White Pagment \$ 165.542 \$ (32.702) \$ 22.840 41.12% 73.555.87 RT Fewerum Neutrinal Pupil Amount \$ 11.780 \$ 15.553 \$ (42.005) 41.72% 74.553 74.553 74.72% 74.553 75.553	70	555.29	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	\$ 53,082	\$ 11,937	\$ (41,145)	-77.51%	
72 555.28 RT Revenue Neutrally Uplint Amount \$ 177,895 \$156,531 \$ 40,722 34,57% \$77,855 \$150,531 \$ 40,722 34,57% \$77,855 \$150,531 \$ 40,722 34,57% \$77,855 \$150,531 \$ 40,6400 \$200,000 \$177,20%								
To	73	555.28	RT Revenue Neutrality Uplift Amount	\$ 117,809	\$ 158,531	\$ 40,722	34.57%	
77	75	555.27	RT Net Inadvertent Amount		\$ (5,230) \$ (4,296)		-2629.86%	
	76 77							
SSS.56 RT SAR Mon-Excessive Energy Amount*** \$ 1,974 \$ 1,9873 \$ 4,899 32.72%	78	555.63	DA Ramp Product	\$ (1,786)	\$ (21,813)	\$ (20,027)	1121.26%	
Section Sect	80	555.65	RT Schedule 49 Cost Distribution Amount	\$ 14,974	\$ 19,873	\$ 4,899	32.72%	
83 555.05 D.A. Congestion Rebate on COGA \$ \$ \$ \$ \$ \$ \$ \$ \$		555.55 555.56	RT ASM Excessive Energy Amount*** RT ASM Excessive Energy Amount***	\$ - \$ -	\$ - \$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases Energy Amounts - included/embedded within Market Purchases
Section Sect	83	555.05	DA Congestion Rebate on COGA			\$ -	0	1
Net Congestion and Losses Adjustment & No DA Generation Schedule S	85	555.22	RT Congestion Rebate on COGA	\$ -	\$ -	\$ -	0	
88		555.23	RT Loss Rebate on COGA			\$ -		
SPP Wholesale Market Charges	88							
92 555.19 DA Asset Energy Amount \$ \$ \$ \$ \$ \$ \$ \$ \$	90		-	y 66,129	¥ (0,077,130)	+ (U, 14U, 319)	-+511.2170	Total Excellence Obligation for and 17 (Lines 40, 41, 42 Abbyte)
93 555.03 R Non-asset Energy Amount	92	555.19	SPP Wholesale Market Charges DA Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
96 555.00 DA Make-Whole-Payment Distribution Amount S . S . S . 0 96 555.00 DA Make-Whole-Payment Distribution Amount S 1,109 S S 1,1109 S S 1,1109 S S 1,1109 S S 1,1109 S S S S S S S S S	93	555.03	DA Non-asset Energy Amount		\$ -	\$ -	0	
97 555.10 RT Make-Whole-Payment Distribution Amount \$ 1,109 \$ - \$ (1,109) \$ - 100.00% 98 555.18 RT Revenue Sufficiency Quarariee Distribution Amount \$ - 248 \$ - \$ (248) \$ - 100.00% 99 555.15 RT Revenue Sufficiency Quarariee Distribution Amount \$ 248 \$ - \$ (248) \$ - 100.00% 100 555.05 DA Regulation-Davo Distribution Amount \$ 62 \$ - \$ (62) - 100.00% 101 555.05 DA Regulation-Up Distribution Amount \$ 62 \$ - \$ (62) - 100.00% 102 555.06 DA Spring Reserve Distribution Amount \$ 74 \$ - \$ (74) - 100.00% 103 555.07 DA Supplemental Reserve Distribution Amount \$ 11 \$ - \$ (71) - 100.00% 104 555.08 RT Contingency Reserve Distribution Amount \$ 11 \$ - \$ (71) - 100.00% 105 555.11 RT Over-Collected Losses Distribution Amount \$ (21) \$ - \$ 2 - 100.00% 106 555.12 RT Regulation-Davo Distribution Amount \$ (27) 341 \$ (7,038) \$ 20,276 -74,23% 107 555.13 RT Regulation-Davo Distribution Amount \$ (27) 341 \$ (7,038) \$ 20,276 -74,23% 108 555.14 RT Regulation-Davo Distribution Amount \$ (21) \$ - \$ 2 - 100.00% 109 555.16 RT Spinning Reserve Distribution Amount \$ (31) \$ - \$ 2 - 100.00% 109 555.17 RT Supplemental Reserve Distribution Amount \$ (31) \$ - \$ 1 - 100.00% 110 555.17 RT Supplemental Reserve Distribution Amount \$ (31) \$ - \$ 1 - 100.00% 111 555.20 RT Pseudo Tie Congestion Amount \$ (79) 1541 \$ (134,505) \$ (53,511) 8 93% 112 555.21 RT Pseudo Tie Congestion Amount \$ (79) 1541 \$ (134,505) \$ (53,511) 8 93% 113 555.23 RT Shedule HAA Amount \$ (79) 1541 \$ (134,505) \$ (53,511) 8 93% 114 555.20 RT Pseudo Tie Loss Amount \$ (79) 1541 \$ (134,505) \$ (53,511) 8 93% 115 555.20 RT Pseudo Tie Loss Amount \$ (79) 1541 \$ (134,505) \$ (53,511) 8 93% 115 555.20 RT Schedule HAA Amount \$ (79) 1541 \$ (10,000) \$ (10,000) \$ (10,000) \$ (10,000) \$ (10,000) \$ (10,000) \$	95	555.00	RT Non-Asset Energy Amount	\$ -		\$ -	0	
98	97	555.10	RT Make-Whole-Payment Distribution Amount					
100	98	555.18	RT Revenue Sufficiency Guarantee Distribution Amount	\$ -	\$ -	\$ -	0	
102 555.06 DA Spinning Reserve Distribution Amount S T4 S S C74 1.00,00%	100	555.04	DA Regulation-Down Distribution Amount	\$ 16	\$ -	\$ (16)	-100.00%	
103 555.07 DA Supplemental Reserve Distribution Amount \$ 11 \$ \$ \$ \$ \$ \$ \$		555.06	DA Spinning Reserve Distribution Amount					
105 555.11 RT Over-Collected Losses Distribution Amount \$ (27,314) \$ (7,038) \$ 20,276 -74,23%	103	555.07	DA Supplemental Reserve Distribution Amount	\$ 11	\$ -	\$ (11)	-100.00%	
107 555.13 RT Regulation Non-Performance Distribution Amount \$ (2) \$. \$ 2 .100.00%	105	555.11	RT Over-Collected Losses Distribution Amount	\$ (27,314)	\$ (7,038)	\$ 20,276	-74.23%	
108	106 107			\$ 3 \$ (2)	\$ -	\$ (3)		
110 555.17 RT Supplemental Reserve Distribution Amount \$ (3) \$ - \$ 3 - 100.00%	108	555.14	RT Regulation-Up Distribution Amount	\$ (3)	\$ -	\$ 3	-100.00%	
112 555.21 RT Pseudo Tie Loss Amount \$ (R1458) \$ (13,709) \$ 4,749 25,73%	110	555.17	RT Supplemental Reserve Distribution Amount	\$ (3)	\$ -	\$ 3	-100.00%	
113	112	555.20 555.21	RT Pseudo Tie Congestion Amount RT Pseudo Tie Loss Amount	\$ (79,154) \$ (18,458)	\$ (134,505) \$ (13,709)			
115	113	555.23	Miscellaneous Amount	\$ (3)	\$ -	\$ 3	-100.00%	
117 555.30 RT Schedule 1A4 Amount \$ 37 \$. \$ (37) .100.00% New charge type in 2022 118 555.31 DA Ramp Down Distribution Amount \$ 74 \$. \$ (74) .100.00% New charge type in 2022 119 555.32 DA Ramp Down Distribution Amount \$. \$. \$. \$. 0 New charge type in 2022 120 555.33 RT Ramp Down Distribution Amount \$ (11) \$. \$ 1 .100.00% New charge type in 2022 121 555.34 RT Ramp Up Distribution Amount \$ (51) \$. \$ 5 .100.00% New charge type in 2022 121 555.34 RT Ramp Up Distribution Amount \$ (51) \$. \$ 5 .100.00% New charge type in 2022 122 555.35 RT Ramp Up Distribution Amount \$. \$. \$. \$. \$. \$ New charge type in 2022 122 555.35 RT Ramp Up Down Distribution Amount \$. \$. \$. \$. \$. \$ New charge type in 2022 122 555.35 RT Ramp Up Down Distribution Amount \$. \$. \$. \$. \$. \$ New charge type in 2022 122 123	115	555.28	RT Demand Reduction Distribution Amount	\$ 0	\$ -	\$ (0)	-100.00%	
118	117	555.30	RT Schedule 1A4 Amount	\$ 37	\$ -	\$ (37)	-100.00%	
120 555.33 RT Ramp Non Performance Distribution Amount \$ (1) \$ - \$ 1 -100.00% New charge type in 2022	118	555.31	DA Ramp Up Distribution Amount	\$ 74	\$ -	\$ (74)	-100.00%	New charge type in 2022
122 555.35 RT Ramp Down Distribution Amount	120	555.33	RT Ramp Non Performance Distribution Amount	\$ (1)	\$ -	\$ 1	-100.00%	New charge type in 2022
	122	555.35	RT Ramp Down Distribution Amount	\$ (5) \$ -	\$ -		0	New charge type in 2022
		555.36	ArrAucTxnAoAmt				0	New charge type in 2024

			-				-			
124		RtURDDistAoAmt	\$	-	\$		\$	- (00)		New charge type in 2024
125		DA GFA Carve Out Distribution Deployment Daily Amount	\$	28		-	\$	(28)	-100.00%	
126		DA GFA Carve Out Distribution Deployment Monthly Amount	\$	(0)		-	\$	0	-100.00%	
127	555.27	DA GFA Carve Out Distribution Deployment Yearly Amount	\$	0			\$	(0)	-100.00%	
128 129		Total SPP Wholesale Market Charges	\$	(123,278)	\$	(155,252)	\$	(31,973)	25.94%	
130		MISO ASM			-					
131		Day Ahead Regulation Amount	s	(35,278)		(80.576)	s	(45,299)	128.41%	
132		Real Time Regulation Amount	\$	(6,795)		10,861		17,656	-259.84%	
133		Regulation Cost Distribution Amount	\$	17,312		23,674		6.361	-259.64% 36.75%	
134		Day Ahead Short-Term Reserve Amount	\$	(20,178)		(224,025)		(203,847)	1010.27%	
135		Real Time Short-Term Reserve Amount	S			(10,321)		(9,715)	1604.62%	
136		Short-Term Reserve Cost Distribution Amount	\$			72.683	\$	67.163	1216.77%	
137		Day Ahead Spinning Reserve Amount	S	(28,289)		(59,372)		(31,083)	109.88%	
138		Real Time Spinning Reserve Amount	S	(7,388)		8.587	\$	15,974	-216.23%	
139		Spinning Reserve Cost Distribution Amount	\$	11,783		15,003	\$	3,220	27.33%	
140		Day Ahead Supplemental Reserve Amount	S	(19,959)		(31,341)	S	(11,382)	57.03%	
141		Real Time Supplemental Reserve Amount	S	(155)		8,516	S	8.671	-5607.81%	
141		Supplemental Reserve Cost Distribution Amount	\$	3,049		2.821	\$	(228)	-7.47%	
143		Contingency Reserve Deployment Failure Charge Amount	\$	3,407		2,021	S	(3,407)	-100.00%	
143	555 F	Real Time Excessive Deficient Energy Deployment Charge Amount	\$	1,927		6,111	\$	4,183	217.03%	
144		Short-Term Reserve Deployment Failure Charge Amount	S	1,927	\$	0,111	S	4,103	217.03%	
146		Net Regulation Adjustment Amount	S			1,840	S	824	81.13%	
147	333.43	Total MISO ASM		(74,633)		(255,541)		(180,908)	242.40%	
148		Total MIGO AGM	*	(74,000)	~	(200,041)	-	(100,300)	242.40/0	
149		Total Wholesale Market Charges	•	(129,182)	•	(3,487,983)	\$	(3,358,801)	2600.06%	
150		Total Wildesale Market Olai ges	Ψ	(123,102)	Ψ	(505,104,5)	Ψ	(3,330,001)	2000.0078	
151										
152	Purcha	sed Power					1			
152 153	Purcha	sed Power	IPROTEC	CTED DATA	A BE	GINS				
153			[PROTEC	CTED DATA	A BE	GINS				
153 154		Edgeley PPA	[PROTEC	CTED DATA	A BE	GINS				
153 154 155			[PROTEC	CTED DATA	A BE	GINS				
153 154 155 156		Edgeley PPA Langdon PPA	[PROTEC	CTED DATA	A BE	GINS				Not Applicable to EAR - Excluded from Total
153 154 155 156 157		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA)	[PROTEC	CTED DATA	A BE	GINS				Not Applicable to EAR - Excluded from Total
153 154 155 156		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance	[PROTEC	CTED DATA	A BE	GINS				Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA)	[PROTEC	CTED DATA	A BE	GINS				Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158 159		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen	[PROTEC	CTED DATA	A BE	GINS				Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158 159 160		Edoeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads	[PROTEC	CTED DATA	A BE	GINS				Not Applicable to EAR - Excluded from Total MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Balteral purchases	[PROTEC	CTED DATA	A BE	GINS		PROTECT	ED DATA ENDS)	
153 154 155 156 157 158 159 160 161		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Balteral purchases		CTED DATA	I	5,168,660	\$	PROTECT (2,274,459)		
153 154 155 156 157 158 159 160 161 162 163		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Blatteral purchases Market Purchases			I		\$			MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164 165 166		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Blatteral purchases Market Purchases			\$					MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164 165		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases	\$	7,443,118	\$	5,168,660		(2,274,459)	-30.56% -1948.71%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Enerry Imbalance Shared Loads Shared Loads Shall Co-gen Bilateral purchases Market Purchases Total Purchases urtallment Jased Sales	\$	7,443,118 (608) (153,598)	\$ \$	5,168,660 11,240 (747,703)	\$	(2,274,459) 11,848 (594,105)	-30.56% -1948.71% 386.79%	MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment 3ased Sales Fuel Costs	\$ \$	7,443,118 (608) (153,598) (73,758)	\$ \$	5,168,660 11,240 (747,703) (425,002)	\$ \$ \$	(2,274,459) 11,848 (594,105) (351,243)	-30.56% -1948.71% 386.79% 476.21%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Enerry Imbalance Shared Loads Shared Loads Shall Co-gen Bilateral purchases Market Purchases Total Purchases urtallment Jased Sales	\$	7,443,118 (608) (153,598)	\$ \$	5,168,660 11,240 (747,703)	\$ \$ \$	(2,274,459) 11,848 (594,105)	-30.56% -1948.71% 386.79%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 177	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtallment Sased Sales Fuel Costs Asset Based Margins	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,443,118 (608) (153,598) (73,758) (79,840)	\$ \$ \$ \$ \$ \$ \$ \$	5,168,660 11,240 (747,703) (425,002) (322,701)	\$ \$ \$ \$	(2,274,459) 11,848 (594,105) (351,243) (242,861)	-30.56% -1948.71% 386.79% 476.21% 304.18%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 170 170	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment 3ased Sales Fuel Costs	\$ \$	7,443,118 (608) (153,598) (73,758)	\$ \$ \$ \$ \$ \$ \$ \$	5,168,660 11,240 (747,703) (425,002)	\$ \$ \$ \$	(2,274,459) 11,848 (594,105) (351,243)	-30.56% -1948.71% 386.79% 476.21% 304.18%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 171	Wind C Asset E	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Balteral purchases Market Purchases Total Purchases urtaliment sased Sales Fuel Costs Asset Based Margins sake Solar Generation Credit	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,443,118 (608) (153,598) (73,758) (79,840) (297,029)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,168,660 11,240 (747,703) (425,002) (322,701) (308,340)	\$ \$ \$ \$	(2,274,459) 11,848 (594,105) (351,243) (242,861) (11,311)	-30.56% -1948.71% -386.79% -476.21% -304.18%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 171 172 172 173	Wind C Asset E	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtallment Sased Sales Fuel Costs Asset Based Margins	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,443,118 (608) (153,598) (73,758) (79,840)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,168,660 11,240 (747,703) (425,002) (322,701)	\$ \$ \$ \$	(2,274,459) 11,848 (594,105) (351,243) (242,861)	-30.56% -1948.71% -386.79% -476.21% -304.18%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175	Wind C Asset E Hoot L	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Batteral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,443,118 (608) (153,598) (73,758) (79,840) (297,029) 128,682	\$ \$ \$ \$ \$ \$	5,168,660 11,240 (747,703) (425,002) (322,701) (308,340) 167,058	\$ \$ \$ \$ \$	(2,274,459) 11,848 (594,105) (351,243) (242,861) (11,311) 38,377	-30.56% -1948.71% -386.79% -476.21% -304.18%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 170 171 172 173 174 175	Wind C Asset E Hoot L	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Balteral purchases Market Purchases Total Purchases urtaliment sased Sales Fuel Costs Asset Based Margins sake Solar Generation Credit	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,443,118 (608) (153,598) (73,758) (79,840) (297,029)	\$ \$ \$ \$ \$ \$	5,168,660 11,240 (747,703) (425,002) (322,701) (308,340)	\$ \$ \$ \$ \$	(2,274,459) 11,848 (594,105) (351,243) (242,861) (11,311)	-30.56% -1948.71% -386.79% -476.21% -304.18%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176	Wind C Asset E Hoot L Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Longdon Shared Longdon Belateral purchases Market Purchases Total Purchases urtaliment Sased Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents Water Sales Water Sales Water Sales	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,443,118 (608) (153,598) (73,758) (79,840) (297,029) 128,682 (83,507)	\$ \$ \$ \$ \$	5,168,660 11,240 (747,703) (425,002) (302,701) (308,340) 167,058 (84,241)	\$ \$ \$ \$ \$	(2,274,459) 11,848 (594,105) (351,243) (242,861) (11,311) 38,377	-30.56% -1948.71% -386.79% -476.21% -304.18%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 170 171 172 173 174 175 176	Wind C Asset E Hoot L Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Batteral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,443,118 (608) (153,598) (73,758) (79,840) (297,029) 128,682	\$ \$ \$ \$ \$ \$	5,168,660 11,240 (747,703) (425,002) (322,701) (308,340) 167,058	\$ \$ \$ \$ \$	(2,274,459) 11,848 (594,105) (351,243) (242,861) (11,311) 38,377	-30.56% -1948.71% -386.79% -476.21% -304.18%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177	Wind C Asset E Hoot L Steam Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Shared Loads Small Co-gen Belieteral purchases Market Purchases Total Purchases urtailment Sased Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents Water Sales g Resource Auction Revenues	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,443,118 (608) (153,598) (73,758) (79,840) (297,029) 128,682 (83,507)	\$ \$ \$ \$ \$ \$	5,168,660 11,240 (747,703) (425,002) (322,701) (308,340) 167,058 (84,241) (64,899)	\$ \$ \$ \$ \$	(2,274,459) 11,848 (594,105) (351,243) (242,861) (11,311) 38,377 (734)	-30.56% -1948.71% 386.79% 476.21% 304.18% \$ 0 \$ 0	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 170 171 172 173 174 175 176	Wind C Asset E Hoot L Steam Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Longdon Shared Longdon Belateral purchases Market Purchases Total Purchases urtaliment Sased Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents Water Sales Water Sales Water Sales	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,443,118 (608) (153,598) (73,758) (79,840) (297,029) 128,682 (83,507)	\$ \$ \$ \$ \$ \$	5,168,660 11,240 (747,703) (425,002) (302,701) (308,340) 167,058 (84,241)	\$ \$ \$ \$ \$	(2,274,459) 11,848 (594,105) (351,243) (242,861) (11,311) 38,377 (734)	-30.56% -1948.71% 386.79% 476.21% 304.18% \$ 0 \$ 0	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719

^{***} These energy related charge types are reported in Market Purchases

Part	_					
Proceedings	F	S	September 2024 Fored	ast to Actual - Exp	oense	(Revenue)
1		Next Constitute	Forecast	Actual		Notes
Company Comp	1		LPROTECTED DATA	A DEGINS		
Note Line 5 Figure 1997 State						Hoot Lake plant closed in May 2021
Treat Cool	4	Hoot Lake #3				Troot bake plant dioded in way 2021
		Total Coa			NDS]	
		Landon Wind	[PROTECTED DAT	A BEGINS		
	9	Ashtabula Wind				
Total Horse Sept						
Total Work Tot			DD	OTECTED DATA E	NDSI	
	14	Total Wind and Sola			i i i	
Section Sect		Total Hydro		604		
		Jamestown 1	[PROTECTED DAT	A BEGINS		
Total Content Total Conten	19	Jamestown 2	E			
PROTECTED BATA BEIGNESS PROTECTED BATA BEIGNESS	20	Lake Preston	PR	OTECTED DATA E	NDS]	
Martin doc Debton		Total Oil - Peaking Units	PROTECTED DAT	(1) A REGINS		
Foot	24	Natural gas - Solway				
Company Comp	26				NDS]	
State Bib July State S		Total Natural Gas	6,405	9,185 A BEGINS		
			Ľ			
Section Continue	31	Solar - Hoot Lake	±		_	
Side		Solar - Red Lake Falls Area SB Solar	<u> </u>		_	
Total Spain Total Office	34	Solar - Crookston Area SB	DD:	OTECTED DATA F	NDei	
1	36	Total Sola			.TUOJ	
Well-pub Ment Charge	38	Total OTP-Owned	220,341	195,851		
1	39					
6.0 Sept. Per Company Comp	41	MISO Wholesale Market Charges				
MA		555.04 DA FBT Loss Amount		N/A		
6. 565-24 FT Debthorm of Joseph Amount 4.	44	555.09 DA Non-asset Energy Amount***				
GALLOS Amount	46	555.24 RT Distribution of Losses Amount	N/A	N/A		
Sec. Sec. No. Asset Security Sec. 48	DA Loss Amount	N/A	N/A			
55 55 C. D. Locase Relation or Option 8 OFA		RT Loss Amount 555.26 RT Non-Asset Energy Amount***				
55.5.2 Fit Yound Ferry Amount	51	555.08 DA Losses Rebate on Option B GFA	N/A	N/A		
56. SSC DIA MAIL Administration NA NA NA NA NA NA NA N						
565 15 Fix M. H. Admin. Amount		555.01 DA Mkt Admin Amount 555.18 RT Mkt Admin Amount				
	56	555.13 FTR Mkt Admin Amount	N/A	N/A		
10 15 15 17 18 18 18 18 18 18 18	58	DA Congestion	N/A	N/A		
15.1 FTR. Horthy Abscalance Amount				N/A N/A		
95.517 FIR Year's Microstron Amount		555.14 FTR Hourly Allocation Amount		N/A		
	63	555.17 FTR Yearly Allocation Amount	N/A	N/A		
86 565.38 FTR Annual Transaction Annual Polys Indicated Lydif Amount NA	66	555.37 FTR Guarantee Uplift Amount	N/A	N/A		
10	68	555.38 FTR Annual Transaction Amount	N/A	N/A		
		555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount				
555.3 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount NIA NIA	73	555.11 DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A		
	75	555.3 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A		
F85 555 RT Net Inadvertent Amount		555.42 RT Price Volatility Make Whole Payment				
80 565.3 RT Uninstructed Deviation Amount	78	555.25 RT Misc Amount	N/A	N/A		
SS SS DA Ramp Product	80	555.31 RT Uninstructed Deviation Amount	N/A	N/A		
84 555.66 RT Sendul ed Oscil Distribution Amount						
85	83	555.64 RT Ramp Product	N/A	N/A		
555.05 DA Losses Rebate on COGA	85	555.55 RT ASM Non-Excessive Energy Amount***	N/A	N/A		
88		555.05 DA Congestion Rebate on COGA	N/A	N/A	L	
91 S55.23 RT Loss Rebate on COGA N/A N/A	88 89	555.06 DA Losses Rebate on COGA		N/A		
93	90	555.23 RT Loss Rebate on COGA	N/A	N/A		
	92			N/A	L	
95	93	Total MISO Wholesale Market Charges				
97	95					
99	97	555.03 DA Non-asset Energy Amount	N/A	N/A	L	
	98	555.09 RT Asset Energy Amount***	N/A	N/A		
102	100	555.02 DA Make-Whole-Payment Distribution Amount	N/A	N/A		
103	102	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	L	
105	103	555.15 RT Revenue Neutrality Uplift Distribution Amount		N/A		
107 555.07 DA Supplemental Reserve Distribution Amount NIA NIA 108 555.08 RT Contingency Reserve Deslribution Amount NIA NIA 109 555.11 RT Over-Collected Losses Distribution Amount NIA NIA 101 555.12 RT Regulation-Down Distribution Amount NIA NIA 111 555.13 RT Regulation-Down Distribution Amount NIA NIA 112 555.18 RT Regulation-IND-Performance Distribution Amount NIA NIA 113 555.16 RT Spinning Reserve Distribution Amount NIA NIA 114 555.17 RT Supplemental Reserve Distribution Amount NIA NIA 115 555.2 RT Pseudo Tie Congestion Amount NIA NIA 116 555.2 RT Pseudo Tie Loss Amount NIA NIA 117 555.23 Miscellaneous Amount NIA NIA 118 555.26 ARR Closeout Yearly Amount NIA NIA 119 555.28 RT Pseudo Tie Loss Amount NIA NIA 119 555.28 RT Pseudo Life Loss Amount NIA NIA 119 555.28 RT Demand Reduction Distribution Amount NIA NIA 110 555.28 RT Demand Reduction Distribution Amount NIA NIA 111 555.28 RT Schedule IA3 Amount NIA NIA 112 555.30 RT Schedule IA3 Amount NIA NIA 113 555.25 RT Schedule IA3 Amount NIA NIA 114 555.31 NA Ramp Up Distribution Amount NIA NIA 115 555.30 RT Schedule IA3 Amount NIA NIA 116 555.31 NA Ramp Up Distribution Amount NIA NIA 117 555.30 NA Ramp Up Distribution Amount NIA NIA 118 555.30 NA Ramp Up Distribution Amount NIA NIA 119 555.30 RT Schedule IA3 Amount NIA NIA 110 555.31 NA Ramp Up Distribution Amount NIA NIA 111 NIA NIA NIA 112 555.30 RT Schedule IA3 Amount NIA NIA 113 NIA NIA NIA NIA 114 555.31 NA Ramp Up Distribution Amount NIA NIA 115 NIA NIA NIA NIA 116 NIA NIA NIA NIA NIA 117 118 NIA NIA NIA NIA NIA 118 NIA NIA	105	555.05 DA Regulation-Up Distribution Amount	N/A	N/A		
108	107	555.07 DA Supplemental Reserve Distribution Amount	N/A	N/A		
110 555.12 RT Requisitor-Down Distribution Amount N/A N/A		555.08 RT Contingency Reserve Deployment Failure Amount				
112 555.14 RT Regulation-Up Distribution Amount N/A N/A	110	555.12 RT Regulation-Down Distribution Amount	N/A	N/A		
113 555.16 RT Spinning Reserve Distribution Amount NIA NIA 114 555.17 RT Supplemental Reserve Distribution Amount NIA NIA 115 555.2 RT Pesudo Tie Congestion Amount NIA NIA 116 555.2 RT Pesudo Tie Loss Amount NIA NIA 117 555.23 Miscellaneous Amount NIA NIA 118 555.26 ARR Closeout Yearly Amount NIA NIA 119 555.28 RT Oshedule IA3 Amount NIA NIA 110 555.28 RT Schedule IA3 Amount NIA NIA 121 555.30 RT Schedule IA3 Amount NIA NIA 121 555.30 RT Schedule IA3 Amount NIA NIA 121 555.30 RT Schedule IA3 Amount NIA NIA 122 555.30 RT Schedule IA3 Amount NIA NIA 123 NIA NIA NIA 124 NIA NIA NIA 125 NIA NIA NIA NIA 126 NIA NIA NIA NIA 127 NIA NIA NIA NIA 128 NIA NIA NIA NIA 129 NIA NIA NIA NIA 120 NIA NIA NIA NIA 130 NIA NIA NIA NIA 140 NIA NIA NIA NIA 150 NIA NIA NIA NIA NIA NIA NIA 150 NIA	112	555.14 RT Regulation-Up Distribution Amount	N/A	N/A		
115 555.2 RT Pseudo Tie Congestion Amount NIA	555.16 RT Spinning Reserve Distribution Amount					
117 555.23 Miscellaneous Amount NIA 115	555.2 RT Pseudo Tie Congestion Amount	N/A	N/A			
118 555.28 ART Closeout Yearly Amount N/A N/A N/A 119 555.28 RT Demand Reduction Distribution Amount N/A N/A N/A 120 555.29 RT Schedule 1A3 Amount N/A N/A N/A 121 555.30 RT Schedule 1A4 Amount N/A N/A N/A 122 555.31 DA Ramp Up Distribution Amount N/A N/A N/A N/A	117	555.23 Miscellaneous Amount	N/A	N/A	L	
120 555.29 RT Schedule 1A3 Amount N/A N/A 121 555.30 RT Schedule 1A4 Amount N/A N/A 122 555.31 DA Ramp Up Distribution Amount N/A N/A	118	555.26 ARR Closeout Yearly Amount	N/A	N/A		
122 555.31 DA Ramp Up Distribution Amount N/A N/A New charge type in 2022	120	555.29 RT Schedule 1A3 Amount	N/A	N/A		
123 555.32 DA Ramp Down Distribution Amount N/A N/A New charge type in 2022	122	555.31 DA Ramp Up Distribution Amount	N/A	N/A		New charge type in 2022
		555.32 DA Ramp Down Distribution Amount			L	New charge type in 2022

124	555.33 RT Ramp Non Performance Distribution Amount	N/A	N/A	г,	New charge type in 2022
125	555.34 RT Ramp Up Distribution Amount	N/A N/A	N/A	\vdash	New charge type in 2022
125	555.35 RT Ramp Down Distribution Amount	N/A	N/A		New charge type in 2022
				\vdash	inew charge type in 2022
127	555.01 DA GFA Carve Out Distribution Deployment Daily Amount	N/A	N/A	\vdash	
128	555.22 DA GFA Carve Out Distribution Deployment Monthly Amount	N/A	N/A	\vdash	
129	555.27 DA GFA Carve Out Distribution Deployment Yearly Amount	N/A	N/A		
130	Total SPP Wholesale Market Charges				
131					
132	MISO ASM				
133	Day Ahead Regulation Amount	N/A	N/A		
134	Real Time Regulation Amount	N/A	N/A		
135	Regulation Cost Distribution Amount	N/A	N/A		
136	Day Ahead Short-Term Reserve Amount	N/A	N/A		
137	Real Time Short-Term Reserve Amount	N/A	N/A		
138	Short-Term Reserve Cost Distribution Amount	N/A	N/A		
139	Day Ahead Spinning Reserve Amount	N/A	N/A		
140	Real Time Spinning Reserve Amount	N/A	N/A		
141	Spinning Reserve Cost Distribution Amount	N/A	N/A		
142	Day Ahead Supplemental Reserve Amount	N/A	N/A		
143	Real Time Supplemental Reserve Amount	N/A	N/A	\vdash	
144	Supplemental Reserve Cost Distribution Amount	N/A	N/A	\vdash	
145	Contingency Reserve Deployment Failure Charge Amount	N/A	N/A	\vdash	
145	Real Time Excessive Deficient Energy Deployment Charge Amount	N/A N/A	N/A N/A	\vdash	
				\vdash	
147	Short-Term Reserve Deployment Failure Charge Amount	N/A	N/A	\vdash	
148	Net Regulation Adjustment Amount	N/A	N/A	\vdash	
149	Total MISO ASM				
150					
151	Total Wholesale Market Charges				
152					
153					
154	Purchased Power				
155		[PROTECTED DATA	A BEGINS		
156	Edgeley PPA				
157	Langdon PPA				
158	Ashtabula III PPA				
159	Tribal (WAPA)			-	Not Applicable to EAR - Excluded from Total
160	WAPA Energy Imbalance				·
161	Shared Loads			_	
162	Small Co-gen			-	
163	Bilateral purchases			-	
164	Market Purchases	_		-	MISO and SPP Energy Only
165	market r'ultildada	DDC.	TECTED DATA E	NDO	INIOO and OFF Linergy Offity
166	Total Purchases	226.842		נפטוי	Tribal (WAPA) excluded from Total
	Total Purchases	226,842	215,543	\vdash	Tribal (VVAPA) excluded from Total
167	W. 10 ()	(04)		\vdash	
168	Wind Curtailment	(21)	287	\vdash	
169				\vdash	
170	Asset Based Sales	(2,768)	(16,091)		Credit to MN FCA Calculation - Subtracted from Total
171	Fuel Costs				Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
- 17 1	i un could			\vdash	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
172	Asset Based Margins				Based Sales
173	noon pastu waryins			\vdash	54504 54605
174	Steam Plant Reagents	-	_	\vdash	Effective July 2022 - Docket No. E017/GR-20-719
175	Steam Flant Reagents	•	-	\vdash	Ellective July 2022 - Docket No. E017/GN-20-719
	0			\vdash	5% 15 1 1 0000 B 1 1 1 1 5047/0B 00 740
176	Steam/Water Sales			\vdash	Effective July 2022 - Docket No. E017/GR-20-719
177			1	1 ,	I and the second
	Di i Di i Di i Di i			-	F# # 1 0000
178	Planning Resource Auction Revenues	-			Effective June 2022
	Planning Resource Auction Revenues Total System - Plant Level	444.394	395,589		Effective June 2022 Tribal (WAPA) excluded from Total: Asset Based Sales subtracted from Total

		Se	eptember 2024 Forei September 2024		pense (Rev	venue)
			Forecast	Actual		Notes
Line 1		eneration Big Stone	[PROTECTED DATA	A BEGINS		
2		Coyote				
3 4		Total Coal	\$ 25.92			
5 6		Langdon Wind	[PROTECTED DATA	BEGINS		
7		Ashtabula Wind	-	-		
8		Ashtabula III Luverne Wind	_	-		
10		Merricourt	**	·		
11 12		Total Wind	\$ -	PROTECTED DA	TA ENDS	
13 14		Total Hydro		s -		
15		Total Hydro	[PROTECTED DATA			
16 17		Jamestown 1 Jamestown 2	_			
18		Lake Preston	-	PROTECTED DA		
19 20		Total Oil - Peaking Units	\$ -	\$ -	I A ENDS	
21		Natural gas - Solway	[PROTECTED DATA	BEGINS		
23		Natural gas - Astoria	-			
24 25		Total Natural Gas	\$ 39.58	PROTECTED DA \$ 29.01		
26			[PROTECTED DATA			
27 28		Solar - Blue Jay Solar - Blue Heron	_			
29 30		Solar - Hoot Lake		PROTECTED DA	TA ENDS1	
31		Total Solar	\$ -	0	נסטווב יי	
32 33		Total OTP-Owned	\$ 65.50	\$ 59.31		
34	SAZE -			00.01		
35 36		ale Market Charges MISO Wholesale Market Charges				
37 38	555.02	DA Asset Energy Amount*** DA FBT Loss Amount	N/A N/A	N/A N/A		
39	555.09	DA Non-asset Energy Amount***	N/A	N/A		
40 41	555.19 555.24	RT Asset Energy Amount*** RT Distribution of Losses Amount	N/A N/A	N/A N/A		
42	555.21	RT FBT Loss Amount	N/A	N/A		
43 44		DA Loss Amount RT Loss Amount	N/A N/A	N/A N/A		
45 46		RT Non-Asset Energy Amount*** DA Losses Rebate on Option B GFA	N/A N/A	N/A N/A		
47	555.12	DA Virtual Energy Amount	N/A	N/A		
48 49	555.32 555.01	RT Virtual Energy Amount DA Mkt Admin Amount	N/A N/A	N/A N/A		
50	555.18	RT Mkt Admin Amount	N/A	N/A		
51 52	555.03	FTR Mkt Admin Amount DA FBT Congestion Amount	N/A N/A	N/A N/A		
53 54		DA Congestion	N/A N/A	N/A N/A		
55		RT FBT Congestion Amount RT Congestion	N/A	N/A		
56 57	555.14 555.15	FTR Hourly Allocation Amount FTR Monthly Allocation Amount	N/A N/A	N/A N/A		
58	555.17	FTR Yearly Allocation Amount	N/A	N/A		
59 60	555.36	FTR Monthly Transaction Amount FTR Full Funding Guarantee Amount	N/A N/A	N/A N/A		
61 62		FTR Guarantee Uplift Amount FTR Auction Revenue Rights Transaction Amount	N/A N/A	N/A N/A		
63	555.38	FTR Annual Transaction Amount	N/A	N/A		
64 65		FTR Auction Revenue Rights Infeasible Uplift Amount FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A N/A	N/A N/A		
66	555.07	DA Congestion Rebate on Option B GFA	N/A	N/A		
67 68	555.11	DA Revenue Sufficiency Guarantee Distribution Amount DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A N/A	N/A N/A		
69 70	555.29 555.3	RT Revenue Sufficiency Guarantee First Pass Distribution Amount RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A N/A	N/A N/A		
71	555.42	RT Price Volatility Make Whole Payment	N/A	N/A		
72 73	555.28 555.25	RT Revenue Neutrality Uplift Amount RT Misc Amount	N/A N/A	N/A N/A		
74 75	555.27	RT Net Inadvertent Amount	N/A N/A	N/A N/A		
76	555.59	RT Uninstructed Deviation Amount RT Demand Response Allocation Uplift Amount	N/A	N/A		
77 78		DA Ramp Product RT Ramp Product	N/A N/A	N/A N/A		
79	555.65	RT Schedule 49 Cost Distribution Amount	N/A	N/A		
80 81	555.56	RT ASM Non-Excessive Energy Amount*** RT ASM Excessive Energy Amount***	N/A N/A	N/A N/A		
82 83		DA Congestion Rebate on COGA DA Losses Rebate on COGA	N/A N/A	N/A N/A		
84	555.22	RT Congestion Rebate on COGA	N/A	N/A		
85 86	555.23	RT Loss Rebate on COGA Net Congestion and Losses Adjustment & No DA Generation Schedule	N/A N/A	N/A N/A		
87 88		Total MISO Wholesale Market Charges	_			
89						
90 91	555 19	SPP Wholesale Market Charges DA Asset Energy Amount***	N/A	N/A		
92	555.03	DA Non-asset Energy Amount	N/A	N/A		
93 94	555	RT Asset Energy Amount*** RT Non-Asset Energy Amount	N/A N/A	N/A N/A		
95 96	555.02	DA Make-Whole-Payment Distribution Amount RT Make-Whole-Payment Distribution Amount	N/A N/A	N/A N/A		
97	555.18	RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A		
98 99	555.15 555.04	RT Revenue Neutrality Uplift Distribution Amount DA Regulation-Down Distribution Amount	N/A N/A	N/A N/A		
100	555.05	DA Regulation-Up Distribution Amount	N/A N/A			
101 102	555.07	DA Spinning Reserve Distribution Amount DA Supplemental Reserve Distribution Amount	N/A	N/A		
103 104	555.08 555.11	RT Contingency Reserve Deployment Failure Amount RT Over-Collected Losses Distribution Amount	N/A N/A	N/A N/A		
105	555.12	RT Regulation-Down Distribution Amount	N/A	N/A		
106 107		RT Regulation Non-Performance Distribution Amount RT Regulation-Up Distribution Amount	N/A N/A	N/A N/A		
108	555.16	RT Spinning Reserve Distribution Amount	N/A N/A	N/A N/A		
110	555.2	RT Supplemental Reserve Distribution Amount RT Pseudo Tie Congestion Amount	N/A	N/A		
111 112	555.21	RT Pseudo Tie Loss Amount Miscellaneous Amount	N/A N/A	N/A N/A		
113	555.26	ARR Closeout Yearly Amount	N/A	N/A		
114 115	555.29	RT Demand Reduction Distribution Amount RT Schedule 1A3 Amount	N/A N/A	N/A N/A		
116 117	555.30	RT Schedule 1A4 Amount DA Ramp Up Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022
118	555.32	DA Ramp Down Distribution Amount	N/A	N/A		New charge type in 2022 New charge type in 2022
119 120	555.33	RT Ramp Non Performance Distribution Amount RT Ramp Up Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022 New charge type in 2022
121	555.35	RT Ramp Down Distribution Amount	N/A	N/A		New charge type in 2022
122 123		DA GFA Carve Out Distribution Deployment Daily Amount DA GFA Carve Out Distribution Deployment Monthly Amount	N/A N/A	N/A N/A		

124 125 126					
	555.27 DA GFA Carve Out Distribution Deployment Yearly Amount	N/A	N/A		
126	Total SPP Wholesale Market Charges				
127	MISO ASM				
128	Day Ahead Regulation Amount	N/A	N/A		
129	Real Time Regulation Amount	N/A	N/A		
130	Regulation Cost Distribution Amount	N/A	N/A		
131	Day Ahead Short-Term Reserve Amount	N/A	N/A		
132	Real Time Short-Term Reserve Amount	N/A	N/A		
133	Short-Term Reserve Cost Distribution Amount	N/A	N/A		
134	Day Ahead Spinning Reserve Amount	N/A	N/A		
135	Real Time Spinning Reserve Amount	N/A	N/A		
136	Spinning Reserve Cost Distribution Amount	N/A	N/A		
137	Day Ahead Supplemental Reserve Amount	N/A	N/A		
138	Real Time Supplemental Reserve Amount	N/A	N/A		
139	Supplemental Reserve Cost Distribution Amount	N/A	N/A		
140	Contingency Reserve Deployment Failure Charge Amount	N/A	N/A		
141	Real Time Excessive Deficient Energy Deployment Charge Amount	N/A	N/A		
142	Short-Term Reserve Deployment Failure Charge Amount	N/A	N/A		
143	Net Regulation Adjustment Amount	N/A	N/A		
144	Total MISO ASM				
145					
146	Total Wholesale Market Charges				
147					
148					
149	Purchased Power				
150	T drondou i ovoi	IPROTECTED DATA	REGINS		
151	Edgeley PPA	[NOTEGIES SAIN	DEGINO		
152	Langdon PPA	-			
153	Ashtabula III PPA	-			
154	Tribal (WAPA)	-			Not Applicable to EAR - Excluded from Total
155	WAPA Energy Imbalance	_			Not Applicable to EAR - Excluded from Total
		_			
156	Shared Loads	_			
157	Small Co-gen	_			
158	Bilateral purchases	_			
159	Market Purchases				MISO and SPP Energy Only
160			PROTECTED DAT	A ENDS]	
161	Total Purchases	\$ 32.81	\$ 23.98		Tribal (WAPA) excluded from Total
162					
163	Wind Curtailment	\$ 28.95	\$ 39.22		
164					
165	Asset Based Sales	\$ 55.50	\$ 46.47		
					Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
166	Fuel Costs	N/A	N/A		Based Sales
		.,,,,	,,,,,		Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
167	Asset Based Margins	N/A	N/A		Based Sales
168	noor bassa margino	19/7	1973		
169	Steam Plant Reagents	N/A	N/A		Effective July 2022 - Docket No. E017/GR-20-719
170	Oteani i iani iveagente	IN/A	IWA		Ellocave daily 2022 - Docket No. E017/ON-20-719
	Steam/Water Sales	N/A	N/A		Effective July 2022 - Docket No. E017/GR-20-719
	Steamy valer Sales	N/A	N/A		Ellective July 2022 - DOCKELNO, EU17/GR-20-7 19
171	Planning December Austing December	N/A	N/A		Effective lives 2000
172	Planning Resource Auction Revenues	N/A	N/A		Effective June 2022
172 173	Ē				
172 173 174					
172 173	Total System - Plant Level	\$ 22.73	\$ 9.32		Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total
172 173 174	Total System - Plant Level	\$ 22.73	\$ 9.32		Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

36	Wholes	ale Market Charges							
37		MISO Wholesale Market Charges							
38	555.02	DA Asset Energy Amount***	\$		\$		\$	-	0
39	555.04	DA FBT Loss Amount	\$	-	\$	-	\$	-	0
40	555.09	DA Non-asset Energy Amount***	S		S	-	\$	-	0
41	555.19	RT Asset Energy Amount***	\$		\$	-	\$	-	0
42	555.24	RT Distribution of Losses Amount	\$	(323,663)	S	(117.379)	\$	206.284	-63.73%
43		RT FBT Loss Amount	S	-	\$	-	\$		0
44		DA Loss Amount	\$	818,509	\$	273,051	\$	(545,458)	-66.64%
45		RT Loss Amount	\$	46.833	\$	58,449	Š	11,616	24.80%
46	555.26	RT Non-Asset Energy Amount***	s		\$	-	\$	-	0
47		DA Losses Rebate on Option B GFA	s		\$		\$	-	0
48		DA Virtual Energy Amount	s	-	\$	-	\$	-	0
49		RT Virtual Energy Amount	S		\$		\$		0
50		DA Mkt Admin Amount	S	57.583	\$	56.803	S	(780)	-1.35%
51		RT Mkt Admin Amount	\$	9.054	S	8.739	Š	(314)	-3.47%
52		FTR Mkt Admin Amount	\$	1,634	S	1,408	\$	(226)	-13.85%
53		DA FBT Congestion Amount	S	1,034	S	1,400	\$	(220)	-13.0376
54	333.03	DA Congestion	S	2.371.096	\$	1,270,488	S	(1.100.609)	-46.42%
55	EEE 20	RT FBT Congestion Amount	S	2,37 1,090	\$	1,270,400	\$	(1,100,009)	-40.42 /d
56		RT Congestion Amount	\$	259.243	\$	281.203	S	21.960	8.47%
57		FTR Hourly Allocation Amount	\$			(5,684,483)		(2.817.631)	98.28%
58		FTR Monthly Allocation Amount FTR Monthly Allocation Amount	S	(2,866,852)	\$	(227,234)	\$	(157,034)	223.70%
				(70,199)					
59		FTR Yearly Allocation Amount	\$	-	\$	-	\$	-	0
60		FTR Monthly Transaction Amount	\$		\$		\$		0
61		FTR Full Funding Guarantee Amount	\$	(81,316)	\$	136,177	\$	217,493	-267.47%
62		FTR Guarantee Uplift Amount	\$	90,278	\$	(136,666)	\$	(226,944)	-251.38%
63		FTR Auction Revenue Rights Transaction Amount	\$	(4,521,413)		(6,020,307)	\$	(1,498,895)	33.15%
64		FTR Annual Transaction Amount	\$	4,514,330	\$	5,871,724	\$	1,357,394	30.07%
65		FTR Auction Revenue Rights Infeasible Uplift Amount	\$	21,388	\$	23,468	\$	2,080	9.72%
66		FTR Auction Revenue Rights Stage 2 Distribution Amount	\$	(81,813)	\$	(148,862)	\$	(67,049)	81.95%
67		DA Congestion Rebate on Option B GFA	\$	-	\$	-	\$	-	0
68		DA Revenue Sufficiency Guarantee Distribution Amount	\$	16,180	\$	8,132	\$	(8,048)	-49.74%
69	555.11	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$	(10,820)	\$	(3,700)	\$	7,120	-65.81%
70		RT Revenue Sufficiency Guarantee First Pass Distribution Amount	\$	53,082	\$	3,610	\$	(49,472)	-93.20%
71		RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$	(229,119)	\$	-	\$	229,119	-100.00%
72		RT Price Volatility Make Whole Payment	\$	(55,542)	\$	(28,468)	\$	27,074	-48.75%
73	555.28	RT Revenue Neutrality Uplift Amount	\$	117,809	\$	203,168	\$	85,359	72.46%
74	555.25	RT Misc Amount	\$	6,775	\$	(685)	\$	(7,460)	-110.11%
75		RT Net Inadvertent Amount	\$	170	\$	(8,994)	\$	(9,164)	-5396.04%
76	555.31	RT Uninstructed Deviation Amount	\$		\$		\$	-	0
77	555.59	RT Demand Response Allocation Uplift Amount	\$	29,822	\$	8,155	\$	(21,667)	-72.65%
78		DA Ramp Product	\$	(2,559)	\$	(6,869)	\$	(4,310)	168.40%
79		RT Ramp Product	s	(1.550)	s	(838)	\$	713	-45.96%
80		RT Schedule 49 Cost Distribution Amount	\$	14,974	\$	19,951	\$	4,977	33.24%
81		RT ASM Non-Excessive Energy Amount***	Š		ŝ	-	\$	-	0
82		RT ASM Excessive Energy Amount***	s		\$		\$	-	0
83		DA Congestion Rebate on COGA	S	-	\$	-	\$	-	0
84		DA Losses Rebate on COGA	Š		S		\$	-	0
85		RT Congestion Rebate on COGA	S		S		\$	-	0
86		RT Loss Rebate on COGA	S		\$	-	\$	-	0
87	555.25	Net Congestion and Losses Adjustment & No DA Generation Schedule	S	-	\$	126.841	\$	126.841	0
88		INCL CONGESTION AND LOSSES AUTUSTINENT & NO DA GENERALION SCHEDULE	ې		Φ	120,041	J.	140,041	U
89		Total MISO Wholesale Market Charges		115.642	s	(4.100.068)		(4,215,710)	-3645.50%
09		i otal MISO Wholesale market Charges	ą	115,642	*	(4, 100,000)		(4,215,710)	-3045.50%

F		-	October 2024 October 2024	Forecast to Actua October 2024	- MW	in .
15	BI	operation	Forecast	Actual		Notes
Line 1		eneration Big Stone	[PROTECTED DATA	BEGINS		
2		Coyote Hoot Lake #2				Host Lake plant alexed in May 2024
4		Hoot Lake #2				Hoot Lake plant closed in May 2021
5 6		Total Coal	PR0 103,148	OTECTED DATA E 65,105	NDS]	
7 8		Langdon Wind	[PROTECTED DAT	A BEGINS		
9		Ashtabula Wind				
10 11		Ashtabula III Luverne Wind	_			
12 13		Merricourt	DD	TECTED DATA E	NDSI	
14		Total Wind and Solar	115,487	88,263	TD0j	
15 16		Total Hydro	1,699	141		
17 18		Jamestown 1	[PROTECTED DAT	A BEGINS		
19		Jamestown 2	_			
20 21		Lake Preston	PRO	TECTED DATA E	NDS]	
22		Total Oil - Peaking Units	PROTECTED DAT	A BEGINS		
24 25		Natural gas - Solway Natural gas - Astoria	_			
26			PRO	TECTED DATA E	NDS]	
27 28		Total Natural Gas	PROTECTED DAT	30,099 A BEGINS		
29 30		Solar - Blue Jay Solar - Blue Heron	_			
31		Solar - Hoot Lake	_			
32 33		Solar - Red Lake Falls Area SB Solar Solar - Karlstad Area SB		-		
34 35		Solar - Crookston Area SB	PR(TECTED DATA E	NDS1	
36 37		Total Solar	5,284	5,905		
38		Total OTP-Owned	220,334	189,513		
39 40	Wholes	ale Market Charges				
41		MISO Wholesale Market Charges DA Asset Energy Amount***	N/A	N/A		
43	555.04	DA FBT Loss Amount	N/A	N/A		
44 45	555.19	DA Non-asset Energy Amount*** RT Asset Energy Amount***	N/A N/A	N/A N/A		
46 47	555.24	RT Distribution of Losses Amount RT FBT Loss Amount	N/A N/A	N/A N/A		
48		DA Loss Amount	N/A	N/A		
49 50	555.26	RT Loss Amount RT Non-Asset Energy Amount***	N/A N/A	N/A N/A		
51 52		DA Losses Rebate on Option B GFA DA Virtual Energy Amount	N/A N/A	N/A N/A		
53 54	555.32	RT Virtual Energy Amount DA Mkt Admin Amount	N/A N/A	N/A N/A		
55	555.18	RT Mkt Admin Amount	N/A	N/A		
56 57		FTR Mkt Admin Amount DA FBT Congestion Amount	N/A N/A	N/A N/A		
58 59		DA Congestion RT FBT Congestion Amount	N/A N/A	N/A N/A		
60		RT Congestion	N/A	N/A		
61 62		FTR Hourly Allocation Amount FTR Monthly Allocation Amount	N/A N/A	N/A N/A		
63 64	555.17 555.35	FTR Yearly Allocation Amount FTR Monthly Transaction Amount	N/A N/A	N/A N/A		
65 66	555.36	FTR Full Funding Guarantee Amount	N/A N/A	N/A N/A		
67	555.39	FTR Guarantee Uplift Amount FTR Auction Revenue Rights Transaction Amount	N/A	N/A		
68 69		FTR Annual Transaction Amount FTR Auction Revenue Rights Infeasible Uplift Amount	N/A N/A	N/A N/A		
70 71	555.41	FTR Auction Revenue Rights Stage 2 Distribution Amount DA Congestion Rebate on Option B GFA	N/A N/A	N/A N/A		
72	555.1	DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A		
73 74	555.29	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount RT Revenue Sufficiency Guarantee First Pass Distribution Amount	N/A N/A	N/A N/A		
75 76	555.3	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount RT Price Volatility Make Whole Payment	N/A N/A	N/A N/A		
77 78	555.28	RT Revenue Neutrality Uplift Amount RT Misc Amount	N/A	N/A N/A		
79	555.27	RT Net Inadvertent Amount	N/A N/A	N/A		
80 81	555.59	RT Uninstructed Deviation Amount RT Demand Response Allocation Uplift Amount	N/A N/A	N/A N/A		
82 83	555.63	DA Ramp Product RT Ramp Product	N/A N/A	N/A N/A		
84	555.65	RT Schedule 49 Cost Distribution Amount	N/A	N/A		
85 86	555.56	RT ASM Non-Excessive Energy Amount*** RT ASM Excessive Energy Amount***	N/A N/A	N/A N/A		
87 88	555.05 555.06	DA Congestion Rebate on COGA DA Losses Rebate on COGA	N/A N/A	N/A N/A		
89 90	555.22	RT Congestion Rebate on COGA RT Loss Rebate on COGA	N/A N/A	N/A N/A		
91		Net Congestion and Losses Adjustment & No DA Generation Schedu	N/A N/A	N/A N/A		
92 93		Total MISO Wholesale Market Charges			L	
94 95		SPP Wholesale Market Charges	_			
96	555.19	DA Asset Energy Amount***	N/A	N/A		
97 98	555.09	DA Non-asset Energy Amount RT Asset Energy Amount***	N/A N/A	N/A N/A		
99 100	555	RT Non-Asset Energy Amount DA Make-Whole-Payment Distribution Amount	N/A N/A	N/A N/A		
101 102	555.1	RT Make-Whole-Payment Distribution Amount RT Revenue Sufficiency Guarantee Distribution Amount	N/A N/A	N/A N/A		
103	555.15	RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A		
104 105		DA Regulation-Down Distribution Amount DA Regulation-Up Distribution Amount	N/A N/A	N/A N/A		
106 107	555.06	DA Spinning Reserve Distribution Amount DA Supplemental Reserve Distribution Amount	N/A N/A	N/A N/A		
108	555.08	RT Contingency Reserve Deployment Failure Amount	N/A	N/A		
109 110	555.12	RT Over-Collected Losses Distribution Amount RT Regulation-Down Distribution Amount	N/A N/A	N/A N/A		
111 112	555.13	RT Regulation Non-Performance Distribution Amount RT Regulation-Up Distribution Amount	N/A N/A	N/A N/A		
113 114	555.16	RT Spinning Reserve Distribution Amount	N/A	N/A N/A		
115	555.2	RT Supplemental Reserve Distribution Amount RT Pseudo Tie Congestion Amount	N/A N/A	N/A		
116 117		RT Pseudo Tie Loss Amount Miscellaneous Amount	N/A N/A	N/A N/A		
118	555.26	ARR Closeout Yearly Amount RT Demand Reduction Distribution Amount	N/A N/A	N/A N/A		
119 120	555.29	RT Schedule 1A3 Amount	N/A	N/A		
121 122		RT Schedule 1A4 Amount DA Ramp Up Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022
123		DA Ramp Down Distribution Amount	N/A	N/A		New charge type in 2022

124	555 33	RT Ramp Non Performance Distribution Amount	N/A	N/A	-	New charge type in 2022
125		RT Ramp Up Distribution Amount	N/A	N/A		New charge type in 2022
126		RT Ramp Down Distribution Amount	N/A	N/A		New charge type in 2022
127		DA GFA Carve Out Distribution Deployment Daily Amount	N/A	N/A	- "	New charge type in 2022
128		DA GFA Carve Out Distribution Deployment Monthly Amount	N/A	N/A	\vdash	
129		DA GFA Carve Out Distribution Deployment Monthly Amount DA GFA Carve Out Distribution Deployment Yearly Amount	N/A	N/A	 	
	555.27		N/A	IN/A	\vdash	
130		Total SPP Wholesale Market Charges			\vdash	
131					\vdash	
132		MISO ASM			\vdash	
133		Day Ahead Regulation Amount	N/A	N/A	\vdash	
134		Real Time Regulation Amount	N/A	N/A	\vdash	
135		Regulation Cost Distribution Amount	N/A	N/A	\vdash	
136		Day Ahead Short-Term Reserve Amount	N/A	N/A	\vdash	
137		Real Time Short-Term Reserve Amount	N/A	N/A		
138		Short-Term Reserve Cost Distribution Amount	N/A	N/A		
139		Day Ahead Spinning Reserve Amount	N/A	N/A	$\vdash \vdash$	
140		Real Time Spinning Reserve Amount	N/A	N/A		
141		Spinning Reserve Cost Distribution Amount	N/A	N/A		
142		Day Ahead Supplemental Reserve Amount	N/A	N/A		
143		Real Time Supplemental Reserve Amount	N/A	N/A	шI	
144		Supplemental Reserve Cost Distribution Amount	N/A	N/A	1	
145		Contingency Reserve Deployment Failure Charge Amount	N/A	N/A	шT	
146		Real Time Excessive Deficient Energy Deployment Charge Amount	N/A	N/A		
147		Short-Term Reserve Deployment Failure Charge Amount	N/A	N/A		
148		Net Regulation Adjustment Amount	N/A	N/A		
149		Total MISO ASM				
150						
151		Total Wholesale Market Charges				
152		.				
153						
154	Purcha	sed Power				
155			[PROTECTED DATA	A BEGINS		
156		Edgeley PPA	•			
157		Langdon PPA	_	Ť	-	
158		Ashtabula III PPA	_	Ť		
159		Tribal (WAPA)	_	Ť	1	Not Applicable to EAR - Excluded from Total
160		WAPA Energy Imbalance		Ť	ГŤ	
161		Shared Loads	_	F		
162		Small Co-gen	_	+	-	
163		Bilateral purchases	_	+		
164	-	Market Purchases	_	+	١,	MISO and SPP Energy Only
165		marros i aronasod	DDC	TECTED DATA EN		mico and or r. Energy Only
166	+	Total Purchases	249.177	281.643		Tribal (WAPA) excluded from Total
167		i otal Purchases	443,177	201,043		THIDDITY FOR FOR GOOD OF TOTAL TOTAL
168	Wind C	urtailment	348	1,757	1	
169		ui taiiinent	340	1,757	\rightarrow	
170	Accet E	Based Sales		(9.242)	<u> </u>	Credit to MN FCA Calculation - Subtracted from Total
170	Maael E	Jaseu Jaies	-	(3,242)		Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
474		First Cooks				Fuel Cost MVVn and Margin MVVH are not separated - Need to compare total Asset Based Sales
171		Fuel Costs				Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
470						Fuel Cost MWn and Margin MWH are not separated - Need to compare total Asset Based Sales
172		Asset Based Margins			ᆫ	Daseu Dales
173		BL 4 B			⊢⊢	E// /: 11 0000 B 1 11 5047/00 00 740
174	Steam	Plant Reagents		-	⊢ ↓E	Effective July 2022 - Docket No. E017/GR-20-719
175					\vdash	
176	Steam/	Water Sales		-	E	Effective July 2022 - Docket No. E017/GR-20-719
177						
178	Plannin	g Resource Auction Revenues	-	-	E	Effective June 2022
179 180		vstem - Plant Level	469.859	463,671		Tribal (WAPA) excluded from Total: Asset Based Sales subtracted from Total

ſ				recast to Actual -	\$ per MWh	
			October 2024 Forecast	October 2024 Actual		Notes
Line		eneration	[PROTECTED DATA			
2		Big Stone Coyote	_	_		
3		Total Coal		PROTECTED DAT	A ENDS	
5		Total Coal	\$ 22.64 [PROTECTED DATA			
6 7		Langdon Wind Ashtabula Wind	_	-		
8		Ashtabula III				
9 10		Luverne Wind Merricourt		=		
11				PROTECTED DAT	A ENDS	
12		Total Wind	\$ -	\$ -		
14		Total Hydro	\$ -	\$ -		
15 16		Jamestown 1	[PROTECTED DATA	BEGINS		
17 18		Jamestown 2	-			
19		Lake Preston		PROTECTED DAT	A ENDS]	
20 21		Total Oil - Peaking Units	\$ - [PROTECTED DATA	\$ -		
22		Natural gas - Solway	_	DECINO		
23 24		Natural gas - Astoria		.PROTECTED DAT	A FNDS1	
25		Total Natural Gas	0	\$ 29.19	A ENDO	
26 27		Solar - Blue Jay	[PROTECTED DATA	A BEGINS		
28		Solar - Blue Heron		-		
29 30		Solar - Hoot Lake		PROTECTED DAT	A ENDS]	
31		Total Solar	\$ -	0		
32 33		Total OTP-Owned	\$ 22.64	\$ 70.26		
34 35	Wholes	ale Market Charges				
36		MISO Wholesale Market Charges				
37 38	555.04	DA Asset Energy Amount*** DA FBT Loss Amount	N/A N/A	N/A N/A		
39	555.09	DA Non-asset Energy Amount***	N/A	N/A		
40 41	555.24	RT Asset Energy Amount*** RT Distribution of Losses Amount	N/A N/A	N/A N/A		
42	555.21	RT FBT Loss Amount DA Loss Amount	N/A N/A	N/A N/A		
44		RT Loss Amount	N/A	N/A		
45 46	555.26 555.08	RT Non-Asset Energy Amount*** DA Losses Rebate on Option B GFA	N/A N/A	N/A N/A		
47	555.12	DA Virtual Energy Amount	N/A	N/A		
48 49		RT Virtual Energy Amount DA Mkt Admin Amount	N/A N/A	N/A N/A		
50	555.18	RT Mkt Admin Amount	N/A	N/A		
51 52	555.03	FTR Mkt Admin Amount DA FBT Congestion Amount	N/A N/A	N/A N/A		
53 54		DA Congestion	N/A N/A	N/A N/A		
55		RT FBT Congestion Amount RT Congestion	N/A	N/A		
56 57		FTR Hourly Allocation Amount FTR Monthly Allocation Amount	N/A N/A	N/A N/A		
58	555.17	FTR Yearly Allocation Amount	N/A	N/A		
59 60		FTR Monthly Transaction Amount FTR Full Funding Guarantee Amount	N/A N/A	N/A N/A		
61	555.37	FTR Guarantee Uplift Amount	N/A	N/A		
62	555.39 555.38	FTR Auction Revenue Rights Transaction Amount FTR Annual Transaction Amount	N/A N/A	N/A N/A		
64	555.40	FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A		
65 66		FTR Auction Revenue Rights Stage 2 Distribution Amount DA Congestion Rebate on Option B GFA	N/A N/A	N/A N/A		
67 68	555.1	DA Revenue Sufficiency Guarantee Distribution Amount DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A N/A	N/A N/A		
69	555.29	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	N/A	N/A		
70 71		RT Revenue Sufficiency Guarantee Make Whole Pymt Amount RT Price Volatility Make Whole Payment	N/A N/A	N/A N/A		
72	555.28	RT Revenue Neutrality Uplift Amount	N/A	N/A		
73 74	555.25 555.27	RT Misc Amount RT Net Inadvertent Amount	N/A N/A	N/A N/A		
75	555.31	RT Uninstructed Deviation Amount	N/A	N/A		
76 77	555.63	RT Demand Response Allocation Uplift Amount DA Ramp Product	N/A N/A	N/A N/A		
78 79	555.64 555.65	RT Ramp Product RT Schedule 49 Cost Distribution Amount	N/A N/A	N/A N/A		
80	555.55	RT ASM Non-Excessive Energy Amount***	N/A	N/A		
81 82		RT ASM Excessive Energy Amount*** DA Congestion Rebate on COGA	N/A N/A	N/A N/A		
83	555.06	DA Losses Rebate on COGA	N/A	N/A		
84 85	555.23	RT Congestion Rebate on COGA RT Loss Rebate on COGA	N/A N/A	N/A N/A		
86		Net Congestion and Losses Adjustment & No DA Generation Schedule	N/A	N/A		
87 88		Total MISO Wholesale Market Charges				
89 90		SPP Wholesale Market Charges				
91	555.19	DA Asset Energy Amount***	N/A	N/A		
92 93	555.03 555.09	DA Non-asset Energy Amount RT Asset Energy Amount***	N/A N/A	N/A N/A		
94	555	RT Non-Asset Energy Amount	N/A	N/A		
95 96	555.1	DA Make-Whole-Payment Distribution Amount RT Make-Whole-Payment Distribution Amount	N/A N/A	N/A N/A		
97 98	555.18	RT Revenue Sufficiency Guarantee Distribution Amount	N/A N/A	N/A N/A		
99	555.04	RT Revenue Neutrality Uplift Distribution Amount DA Regulation-Down Distribution Amount	N/A	N/A		
100 101	555.05	DA Regulation-Up Distribution Amount DA Spinning Reserve Distribution Amount	N/A N/A	N/A N/A		
102	555.07	DA Supplemental Reserve Distribution Amount	N/A	N/A		
103		RT Contingency Reserve Deployment Failure Amount RT Over-Collected Losses Distribution Amount	N/A N/A	N/A N/A		
105	555.12	RT Regulation-Down Distribution Amount	N/A	N/A		
106 107	555.14	RT Regulation Non-Performance Distribution Amount RT Regulation-Up Distribution Amount	N/A N/A	N/A N/A		
108 109	555.16	RT Spinning Reserve Distribution Amount	N/A N/A	N/A N/A		
110	555.2	RT Supplemental Reserve Distribution Amount RT Pseudo Tie Congestion Amount	N/A	N/A		
111 112	555.21	RT Pseudo Tie Loss Amount	N/A N/A	N/A N/A		
113	555.26	Miscellaneous Amount ARR Closeout Yearly Amount	N/A	N/A		
114 115	555.28	RT Demand Reduction Distribution Amount RT Schedule 1A3 Amount	N/A N/A	N/A N/A		
116	555.30	RT Schedule 1A4 Amount	N/A	N/A		
117 118		DA Ramp Up Distribution Amount DA Ramp Down Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022 New charge type in 2022
119	555.33	RT Ramp Non Performance Distribution Amount	N/A	N/A		New charge type in 2022
120 121		RT Ramp Up Distribution Amount RT Ramp Down Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022 New charge type in 2022
122	555.01	DA GFA Carve Out Distribution Deployment Daily Amount	N/A	N/A		
123	555.22	DA GFA Carve Out Distribution Deployment Monthly Amount	N/A	N/A		

124	555 27	DA GFA Carve Out Distribution Deployment Yearly Amount	N/A	T	N/A		
125	333.27	Total SPP Wholesale Market Charges	IN/A		19/74		
126		Total of 1 Wholesale market offarges					
127		MISO ASM					
128		Day Ahead Regulation Amount	N/A		N/A		
129		Real Time Regulation Amount	N/A		N/A		
130		Regulation Cost Distribution Amount	N/A		N/A		
131		Day Ahead Short-Term Reserve Amount	N/A		N/A		
132		Real Time Short-Term Reserve Amount	N/A		N/A		
133		Short-Term Reserve Cost Distribution Amount	N/A		N/A		
134		Day Ahead Spinning Reserve Amount	N/A		N/A		
135		Real Time Spinning Reserve Amount	N/A		N/A		
136		Spinning Reserve Cost Distribution Amount	N/A		N/A		
137		Day Ahead Supplemental Reserve Amount	N/A		N/A		
138		Real Time Supplemental Reserve Amount	N/A		N/A		
139		Supplemental Reserve Cost Distribution Amount	N/A		N/A		
140		Contingency Reserve Deployment Failure Charge Amount	N/A		N/A		
141		Real Time Excessive Deficient Energy Deployment Charge Amount	N/A		N/A		
142		Short-Term Reserve Deployment Failure Charge Amount	N/A		N/A		
143		Net Regulation Adjustment Amount	N/A		N/A		
144		Total MISO ASM	1471		1471		
145		Total miles From					
146		Total Wholesale Market Charges					
147							
148							
149	Purcha	sed Power					
150	, arona	0001 000	IPROTECTED DATA	A BEGINS	3		
151		Edgeley PPA					
152		Langdon PPA	_				
153		Ashtabula III PPA	_		1		
154		Tribal (WAPA)			-		Not Applicable to EAR - Excluded from Total
155		WAPA Energy Imbalance	_		•		
156		Shared Loads	_				
157		Small Co-gen	_		1		
158		Bilateral purchases	_		-		
159		Market Purchases	_		•		MISO and SPP Energy Only
160				PROTEC	CTED DAT		. 22
161		Total Purchases	\$ 31.54	S	27.32	-	Tribal (WAPA) excluded from Total
162							
163	Wind C	urtailment	\$ 94.62	S	39.71		
164							
165	Asset E	Based Sales	0	S	51.19		
				ľ			Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
166		Fuel Costs	N/A		N/A		Based Sales
		•	1471	l			Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
167		Asset Based Margins	N/A		N/A		Based Sales
168		dun	19/3				
169	Steam	Plant Reagents	N/A		N/A		Effective July 2022 - Docket No. E017/GR-20-719
170	_100111	· · · · · · · · · · · · · · · · · · ·	1071		7473		
171	Steam/	Water Sales	N/A		N/A		Effective July 2022 - Docket No. E017/GR-20-719
172	Steam	THE CONTROL OF THE CO	19/75		19/75		Emodified daily Edite Dodinor No. 2017 Oct 20-7 18
173	Plannin	g Resource Auction Revenues	N/A		N/A		Effective June 2022
174		g	1975	 			
175	Total S	ystem - Plant Level	\$ 21.55	s	13.91		Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total
.,,	. Jtai U	Jotom Timit Ecroi	¥ 21.00		13.31		Thou (1774 74) oxologica from Total, 74000. Dalbou Gales subtracted from Total

			November 2024	er 2024 Forecast	to Actual - Exper	se (Revenue)	
			Forecast	Actual			Notes
Line 1		eneration Big Stone	[PROTECTED DATA	BEGINS		1	
2		Big Stone Coyote	_				
3 4		Hoot Lake #2 Hoot Lake #3	-				Hoot Lake plant closed in May 2021
5						CTED DATA ENDS]	
- 6 7		Total Coal	\$ 3,496,523 [PROTECTED DATA	\$ 4,464,428 BEGINS	\$ 967,90	5 27.68%	6
8		Langdon Wind			1	-	
9 10		Ashtabula Wind Luverne Wind	-				
11 12		Merricourt			DDOTE	CTED DATA ENDS	
13		Total Wind	\$ -	\$ -	\$ -		
14 15		Total Hydro		\$ -	\$ -		
16			PROTECTED DATA		*		
17 18		Jamestown 1 Jamestown 2	-				
19		Lake Preston	-		PROTE	TED DATA FUDE	
20		Total Oil - Peaking Units	\$ -	\$ -	\$ -	CTED DATA ENDS]	0
22		Natural gas - Solway	[PROTECTED DATA	BEGINS			
24		Natural gas - Solway Natural gas - Astoria	_			1	
25 26		Total Natural Gas	\$ 61,446	\$ 845,191		TED DATA ENDS] 5 1275.51%	6
27 28		Solar - Blue Jay	PROTECTED DATA	BEGINS			
29		Solar - Blue Heron	_				
30 31		Solar - Hoot Lake			PPOTE	CTED DATA ENDS	
32		Total Solar	\$ -	\$ -	\$ -	(CONTRACTOR	
33 34		Total OTP-Owned	\$ 3,557,969	\$ 5,309,619	\$ 1,751,65	0 49.23%	6
35	18/1		.,,	.,,	,,00		
36 37		ale Market Charges MISO Wholesale Market Charges					
38 39	555.02 555.04	DA Asset Energy Amount*** DA FBT Loss Amount		\$ - \$ -	\$ - \$ -		Energy Amounts - included/embedded within Market Purchases
40	555.09	DA Non-asset Energy Amount***	\$ -	\$ -	\$ -		Energy Amounts - included/embedded within Market Purchases
41 42			\$ - \$ (366,546)	\$ - \$ (155,585	\$ -) \$ 210,96		D Energy Amounts - included/embedded within Market Purchases
43	555.21	RT FBT Loss Amount	\$ - \$ 926,955	\$ -	\$ -	(
45		RT Loss Amount	\$ 926,955 \$ 53,038			7) -42.79%	6
46 47	555.26	RT Non-Asset Energy Amount***		\$ - \$ -	\$ - \$ -	(Energy Amounts - included/embedded within Market Purchases
48	555.12	DA Virtual Energy Amount	\$ -	\$ -	\$ -	(
49 50		RT Virtual Energy Amount DA Mkt Admin Amount	\$ 67,351	\$ - \$ 63,965	\$ -	7) -5.03%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
51 52	555.18		\$ 10,154	\$ 9,335	\$ (82	-8.07%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
52 53 54				\$ 1,144 \$ -	\$ (57	(
54 55		DA Congestion	\$ 2,685,249 \$ -	\$ 1,409,708 \$ -	\$ (1,275,54	1) -47.50%	
56		RT Congestion	\$ 293,591	\$ 32,510		1) -88.93%	6
57 58	555.14 555.15	FTR Hourly Allocation Amount FTR Monthly Allocation Amount	\$ (3,246,689) \$ (79,500)				
59	555.17	FTR Yearly Allocation Amount	\$ -	\$ -	\$ -	(
60 61		FTR Monthly Transaction Amount FTR Full Funding Guarantee Amount	\$ - \$ (71,306)	\$ -	\$ -		6
62 63		FTR Guarantee Uplift Amount FTR Auction Revenue Rights Transaction Amount	\$ 73,557 \$ (4,521,413)				
64	555.38	FTR Annual Transaction Amount	\$ 4,514,330	\$ 5,871,724	\$ 1,357,39	4 30.07%	6
65 66	555.40 555.41	FTR Auction Revenue Rights Infeasible Uplift Amount FTR Auction Revenue Rights Stage 2 Distribution Amount	\$ 21,392 \$ (81,813)				
67	555.07	DA Congestion Rebate on Option B GFA	- \$	\$ -	\$ -	(
68 69	555.11		\$ 23,199 \$ (940)) \$ (7,12	0) 757.69%	6
70 71	555.29 555.30	RT Revenue Sufficiency Guarantee First Pass Distribution Amount RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ 53,082 \$ (229,119)		\$ (48,72 \$ 229,11		
72	555.42	RT Price Volatility Make Whole Payment	\$ (55,542)	\$ (18,149) \$ 37,39	4 -67.32%	6
73 74			\$ 117,809 \$ 6,775				
75 76	555.27	RT Net Inadvertent Amount	\$ 170				6
77	555.59	RT Demand Response Allocation Uplift Amount	\$ 27,853	\$ (143		7) -100.51%	6
78 79	555.64	RT Ramp Product	\$ (964) \$ (1,223)	\$ (1,609) \$ (38	6) 31.53%	6
80	555.65	RT Schedule 49 Cost Distribution Amount	\$ 14,974	\$ 22,112	\$ 7,13	B 47.67%	6
81 82	555.56		\$ -	\$ - \$ -	\$ -	(D Energy Amounts - included/embedded within Market Purchases D Energy Amounts - included/embedded within Market Purchases
83 84	555.05	DA Congestion Rebate on COGA		\$ - \$ -	\$ - \$ -		
85	555.22	RT Congestion Rebate on COGA	\$ -	\$ -	\$ -	(
86 87	555.23	RT Loss Rebate on COGA Net Congestion and Losses Adjustment & No DA Generation Schedule	\$ - \$ -	\$ - \$ 52,507	\$ 52,50		
88 89		Total MISO Wholesale Market Charges) \$ (2,648,37		Total Excludes Schedule 16 and 17 (Lines 40, 41, 42 Above)
90			106,918	φ (∠,491,458	, φ (∠,648,37	-108/./5%	s Total Excludes Schedule to and 17 (Liftes 40, 41, 42 ADOVE)
91 92	555 19	SPP Wholesale Market Charges DA Asset Energy Amount***	s -	\$ -	\$ -	-	Energy Amounts - included/embedded within Market Purchases
93	555.03	DA Non-asset Energy Amount	\$ -	\$ -	\$ -	(
94 95	555.00	RT Non-Asset Energy Amount		\$ -	\$ -		D Energy Amounts - included/embedded within Market Purchases
96 97	555.02	DA Make-Whole-Payment Distribution Amount	\$ -	\$ - \$ 36	\$ -	(
98	555.18		\$ -	\$ -	\$ -	(
99 100	555.15 555.04	RT Revenue Neutrality Uplift Distribution Amount DA Regulation-Down Distribution Amount	\$ 248 \$ 16				
101	555.05	DA Regulation-Up Distribution Amount	\$ 62	\$ 10	\$ (5	1) -83.40%	6
102 103	555.07	DA Supplemental Reserve Distribution Amount	\$ 74 \$ 11	\$ 1	\$ (1		
104 105	555.08	RT Contingency Reserve Deployment Failure Amount	\$ (2) \$ (32,460)	\$ (0 \$ (9,517) \$	2 -80.87%	6
106	555.12	RT Regulation-Down Distribution Amount	\$ 3	\$ 0	\$ (3) -86.57%	6
107 108		RT Regulation Non-Performance Distribution Amount RT Regulation-Up Distribution Amount	\$ (2) \$ (3)	\$ (1 \$ (2		1 -52.29% 1 -35.67%	
109	555.16	RT Spinning Reserve Distribution Amount	\$ (1)	\$ (0) \$	1 -96.93%	6
110 111	555.20	RT Supplemental Reserve Distribution Amount RT Pseudo Tie Congestion Amount	\$ (3) \$ (94,068)	\$ (11,293) \$ 82,77		6
112	555.21	RT Pseudo Tie Loss Amount	\$ (21,936)	\$ (7,167) \$ 14,76	9 -67.33%	6
113 114	555.26		\$ -	\$ -	\$ -	3 -100.00%	
115 116	555.28 555.29		\$ 0 \$ 7			1 869.54% 6) -75.06%	
117	555.30	RT Schedule 1A4 Amount	\$ 37	\$ 6	\$ (3	1) -84.03%	6
118 119	555.32	DA Ramp Up Distribution Amount DA Ramp Down Distribution Amount	\$ 74 \$ -	\$ -	\$ (7		6 New charge type in 2022 D New charge type in 2022
120 121	555.33	RT Ramp Non Performance Distribution Amount	\$ (1)	\$ (0) \$	1 -89.29%	New charge type in 2022
122	555.35			\$ -	\$ -	(New charge type in 2022 New charge type in 2022
123	555.36		\$ -	\$ -	\$ -		New charge type in 2024

124 125 126 127					_		_			
126			\$	-		(13)		(13)		New charge type in 2024
			\$	28		8		(19)	-70.36%	
127		DA GFA Carve Out Distribution Deployment Monthly Amount	\$	0		-	\$	(0)	-100.00%	
	555.27		\$	-	\$		\$	-	0	
128		Total SPP Wholesale Market Charges	\$	(146,816)	\$	(27,764)	\$	119,053	-81.09%	
129										
130		MISO ASM								
131		Day Ahead Regulation Amount	\$	(11,825)		(63,877)		(52,051)	440.17%	
132		Real Time Regulation Amount	\$	(3,334)		(38,337)		(35,003)	1049.71%	
133		Regulation Cost Distribution Amount	\$	25,840		37,713		11,873	45.95%	
134		Day Ahead Short-Term Reserve Amount	\$	(7,446)		(13,555)	\$	(6,108)	82.03%	
135		Real Time Short-Term Reserve Amount	\$	124		(327)		(452)	-363.59%	
136		Short-Term Reserve Cost Distribution Amount	\$	11,386		5,622	\$	(5,765)	-50.63%	
137		Day Ahead Spinning Reserve Amount	\$	(20,779)		(49,837)		(29,058)	139.85%	
138		Real Time Spinning Reserve Amount	\$	(4,114)		5,982	\$	10,096	-245.41%	
139		Spinning Reserve Cost Distribution Amount	\$	28,978		21,880	\$	(7,099)	-24.50%	
140		Day Ahead Supplemental Reserve Amount	\$	(13,396)		(20,358)	\$	(6,963)	51.98%	
141		Real Time Supplemental Reserve Amount	\$	1,990		10,096	ş	8,106	407.27%	
142		Supplemental Reserve Cost Distribution Amount	\$	2,386		2,348	\$	(37)	-1.56%	
143	555.51	Contingency Reserve Deployment Failure Charge Amount	\$	3,407	\$	-	\$	(3,407)	-100.00%	
144	555.50	Real Time Excessive Deficient Energy Deployment Charge Amount	\$	1,927	\$	18,848	\$	16,920	877.88%	
145		Short-Term Reserve Deployment Failure Charge Amount	\$		\$	-	\$	-	0	
146	555.49	Net Regulation Adjustment Amount	\$	1,016	\$	3,120	\$	2,105	207.21%	
147		Total MISO ASM	\$	16,160	\$	(80,683)	\$	(96,843)	-599.27%	
148				•		-				
149		Total Wholesale Market Charges	\$	26,261	\$	(2,599,905)	\$	(2,626,166)	-10000.08%	
150										
151										
152	Purcha	sed Power								
153			[PROT	ECTED DATA	BE	GINS				
154		Edgeley PPA						,		
155		Langdon PPA	_						Ī	
156		Ashtabula III PPA	_						1	
157		Tribal (WAPA)	_						1	
158		WAPA Energy Imbalance								
									t	
159		Shared Loads							ļ	
159 160		Shared Loads Small Co-gen	_							
160		Small Co-gen	_							
			_ _ _							
160 161		Small Co-gen Bilateral purchases						PROTECT	ED DATA ENDS]	
160 161 162		Small Co-gen Bilateral purchases	- - - - - \$	9,594,738	\$	6,125,501	\$	PROTECT	ED DATA ENDS] -36.16%	
160 161 162 163		Small Co-gen Bilateral purchases Market Purchases	- - - - \$	9,594,738	\$	6,125,501	\$			
160 161 162 163 164		Small Co-gen Bilateral purchases Market Purchases	- - - - \$	9,594,738		6,125,501				
160 161 162 163 164 165		Small Co-gen Bilateral purchases Market Purchases Total Purchases						(3,469,237)	-36.16%	
160 161 162 163 164 165 166	Wind C	Small Co-gen Bilateral purchases Market Purchases Total Purchases					\$	(3,469,237)	-36.16%	
160 161 162 163 164 165 166	Wind C	Snall Co-gen Bilderal purchases Market Purchases Total Purchases urtailment	\$	8,135	\$	(8,732)	\$	(3,469,237)	-36.16% -207.34%	
160 161 162 163 164 165 166 167 168	Wind C	Small Co-gen Bilderal purchases Market Purchases Total Purchases urtailment Sased Sales	\$	8,135	\$	(8,732)	\$	(3,469,237) (16,867) (481,517)	-36.16% -207.34%	
160 161 162 163 164 165 166 167 168 169	Wind C	Snall Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment Sased Sales Fuel Costs	\$ \$	8,135	\$ \$ \$	(8,732) (481,517) (326,541)	\$	(3,469,237) (16,867) (481,517) (326,541)	-36.16% -207.34% 0	
160 161 162 163 164 165 166 167 168 169 170	Wind C	Snall Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment Sased Sales Fuel Costs	\$ \$	8,135	\$ \$ \$ \$	(8,732) (481,517) (326,541) (154,976)	\$ \$ \$	(3,469,237) (16,867) (481,517) (326,541) (154,976)	-36.16% -207.34% 0 0	
160 161 162 163 164 165 166 167 168 169 170	Wind C	Snall Co-gen Bilderal purchases Market Purchases Total Purchases urtaliment 3ased Sales Fuel Costs Asset Based Margins	\$	8,135	\$ \$ \$ \$	(8,732) (481,517) (326,541)	\$ \$ \$	(3,469,237) (16,867) (481,517) (326,541)	-36.16% -207.34% 0 0	
160 161 162 163 164 165 166 167 168 169 170 171 172 173	Wind C Asset E	Snall Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment 3ased Sales Fuel Costs Asset Based Margins ake Solar Generation Credit	\$ \$ \$ \$	8,135 - - - - (125,672)	\$ \$ \$ \$	(8,732) (481,517) (326,541) (154,976) (77,234)	\$ \$ \$	(3,469,237) (16,867) (481,517) (326,541) (154,976) 48,438	-36.16% -207.34% 0 0 0 \$ (0)	
160 161 162 163 164 165 166 167 168 169 170 171 172 173 174	Wind C Asset E	Snall Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment 3ased Sales Fuel Costs Asset Based Margins	\$	8,135 - - - - (125,672)	\$ \$ \$ \$	(8,732) (481,517) (326,541) (154,976)	\$ \$ \$	(3,469,237) (16,867) (481,517) (326,541) (154,976)	-36.16% -207.34% 0 0 0 \$ (0)	
160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175	Wind C Asset E Hoot L	Snall Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment 3ased Salos Fuel Costs Asset Based Margins ake Solar Generation Credit Plant Reagents	\$ \$ \$ \$	8,135 - - - (125,672) 160,328	\$ \$ \$ \$	(8,732) (481,517) (326,541) (154,976) (77,234) 321,582	\$ \$ \$ \$	(3,469,237) (16,867) (481,517) (326,541) (154,976) 48,438 161,254	-36.16% -207.34% 0 0 0 0 \$ (0)	
160 161 162 163 164 165 166 166 167 168 169 170 171 172 173 174 175	Wind C Asset E Hoot L	Snall Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment 3ased Sales Fuel Costs Asset Based Margins ake Solar Generation Credit	\$ \$ \$ \$	8,135 - - - - (125,672)	\$ \$ \$ \$	(8,732) (481,517) (326,541) (154,976) (77,234)	\$ \$ \$ \$	(3,469,237) (16,867) (481,517) (326,541) (154,976) 48,438	-36.16% -207.34% 0 0 0 0 \$ (0)	
160 161 162 163 164 165 166 167 188 169 170 171 172 173 174 175 176 177	Wind C Asset E Hoot L: Steam	Snall Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment Sased Sales Fuel Costs Asset Based Margins Aka Solar Generation Credit Plant Reagents Water Sales Water Sales	\$ \$ \$ \$	8,135 - - - (125,672) 160,328 (108,392)	\$ \$ \$ \$ \$	(8,732) (481,517) (326,541) (154,976) (77,234) 321,582 (82,564)	\$ \$ \$ \$ \$ \$ \$	(3,469,237) (16,867) (481,517) (326,541) (154,976) 48,438 161,254 25,828	-36.16% -207.34% 0 0 0 \$ (0) \$ 1 \$ (0)	
160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178	Wind C Asset E Hoot L: Steam	Snall Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment 3ased Salos Fuel Costs Asset Based Margins ake Solar Generation Credit Plant Reagents	\$ \$ \$ \$	8,135 - - - (125,672) 160,328	\$ \$ \$ \$	(8,732) (481,517) (326,541) (154,976) (77,234) 321,582	\$ \$ \$ \$ \$ \$ \$	(3,469,237) (16,867) (481,517) (326,541) (154,976) 48,438 161,254	-36.16% -207.34% 0 0 0 0 \$ (0)	
160 161 162 163 164 165 166 167 188 169 170 171 172 173 174 175 176 177	Wind C Asset E Hoot L Steam Steam	Snall Co-gen Bilateral purchases Market Purchases Total Purchases urtaliment Sased Sales Fuel Costs Asset Based Margins Aka Solar Generation Credit Plant Reagents Water Sales Water Sales	\$ \$ \$ \$	8,135 - - - (125,672) 160,328 (108,392)	\$ \$ \$ \$ \$	(8,732) (481,517) (326,541) (154,976) (77,234) 321,582 (82,564)	\$ \$ \$ \$ \$ \$ \$	(3,469,237) (16,867) (481,517) (326,541) (154,976) 48,438 161,254 25,828	-36.16% -207.34% 0 0 0 0 \$ (0) \$ 1 \$ (0)	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

^{***} These energy related charge types are reported in Market Purchases

Part							
March Marc	F		-				Wh
1	15	Dr		Forecast	Actual		Notes
Company	1			LPROTECTED DATA	BEGINS		
Not Land		Coyote				Host Lake plant algored in May 2024	
The Coal	4			_	1		Proof Lake plant closed in way 2021
PROTECTIO DATA SEGON.			Total Coal				
	7						
	9		Ashtabula Wind				
				_			
Total Note	12				TECTED DATA E	NDC1	
	14		Total Wind and Solar				
PROTECTIO DATA BEORE.			Total Hydro	1,644	133		
	17			[PROTECTED DAT	A BEGINS		
Total Oil - Pending Units	19		Jamestown 2				
POTICID DATA SECRET 20		Lake Preston	PR0	TECTED DATA E	NDS]		
Section Sect			Total Oil - Peaking Units	IDPOTECTED DAT	A REGINS		
Total Name Sec. Part S	24		Natural gas - Solway	- INGIEGIES BAI	T DEGING		
	26						
Sect. Sect			Total Natural Gas				
	31		Solar - Hoot Lake				
Sector - Condition Association Sector - Condition Sector S				E			
Total State	34		Solar - Crookston Area SB	DD/	TECTED DATA =	NDS1	
Train Off-Developed 294,892 386,471	36		Total Solar			נטטו	
Western Maries Charge			Total OTP-Owned	234,892	266,813		
Modern March Mar	39	Wholes					
40	41		MISO Wholesale Market Charges				
March Marc	43	555.04	DA FBT Loss Amount		N/A		
66 560, 24 FT Clear Annual Clear Annual Clear Clear Clear Annual Clear Cle	44	555.09	DA Non-asset Energy Amount***				
All Color Amount	46	555.24	RT Distribution of Losses Amount	N/A	N/A		
Sec. 20 File Non-Americal Borrigo Amount** NA NA							
15 550 ED A Lossen Relation or Option R GPA							
Second Color Col	51	555.08	DA Losses Rebate on Option B GFA	N/A	N/A		
Sec. D. M. All Annual Annual NA	53	555.12 555.32	DA Virtual Energy Amount RT Virtual Energy Amount				
56 Sept. FITR. Mith. Administration Amount	54	555.01	DA Mkt Admin Amount				
December Company Com	56	555.13	FTR Mkt Admin Amount	N/A	N/A		
595 595 Fit P Starty Albacidan Amount	58		DA Congestion				
85 16 TRY Horsey Abacelan Amount		555.2	RT FBT Congestion Amount				
555 7 Fir K Yearh Macadian Amount	61	555.14	FTR Hourly Allocation Amount	N/A	N/A		
	63	555.17	FTR Yearly Allocation Amount	N/A	N/A		
95.53.7 FTR Guarantee Uptit Amount							
85.53.8] FTR Amount Transaction Amount	66	555.37	FTR Guarantee Uplift Amount	N/A	N/A		
555.41 FTR Auction Revenue Right Stage 2 Distribution Amount		555.38	FTR Annual Transaction Amount		N/A		
17							
	71	555.07	DA Congestion Rebate on Option B GFA	N/A	N/A		
	73	555.11	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A		
		555.29 555.3	RT Revenue Sufficiency Guarantee First Pass Distribution Amount RT Revenue Sufficiency Guarantee Make Whole Pymt Amount				
	76	555.42	RT Price Volatility Make Whole Payment	N/A	N/A		
805 555 T. Diman Response Allocation Upiff Amount	78	555.25	RT Misc Amount	N/A	N/A		
S55.59 RT Demard Response Allocation Upiff Amount		555.27 555.31	RT Net Inadvertent Amount RT Uninstructed Deviation Amount				
83	81	555.59	RT Demand Response Allocation Uplift Amount	N/A	N/A		
	83	555.64	RT Ramp Product	N/A	N/A		
	85	555.55	RT ASM Non-Excessive Energy Amount***	N/A	N/A		
88		555.56	RT ASM Excessive Energy Amount***				
91 S55.23 RT Loss Rebate on COGA N/A N/A	88	555.06	DA Losses Rebate on COGA	N/A	N/A		
91	90	555.23	RT Loss Rebate on COGA	N/A	N/A		
	91						
SP SP Wholesale Market Charges	93		Total MISO Wholesale Market Charges				
96 555.19 DA Asset Energy Amount** NIA NIA 97 555.09 RT Non-Asset Energy Amount NIA NIA 98 555.09 RT Asset Energy Amount** NIA NIA 99 555 RT Non-Asset Energy Amount NIA NIA 100 555.02 DA Make-Whole-Parent Distribution Amount NIA NIA 101 555.11 RT Make-Whole-Parent Distribution Amount NIA NIA 102 555.18 RT Revenue Sufficiency Guarantee Distribution Amount NIA NIA 103 555.15 RT Revenue Rutrality Uplif Distribution Amount NIA NIA 104 555.04 DA Regulation-Down Distribution Amount NIA NIA 105 555.06 DA Regulation-Down Distribution Amount NIA NIA 106 555.06 DA Spariation-Distribution Amount NIA NIA 107 555.07 DA Supplemental Reserve Distribution Amount NIA NIA 108 555.06 DA Spariation-Distribution Amount NIA NIA 109 555.07 DA Supplemental Reserve Distribution Amount NIA NIA 109 555.08 RT Contingency Reserve Distribution Amount NIA NIA 109 555.18 RT Requisition Down Distribution Amount NIA NIA 109 555.18 RT Requisition Down Distribution Amount NIA NIA 101 555.12 RT Requisition-Down Distribution Amount NIA NIA 111 555.13 RT Requisition Non-Performance Distribution Amount NIA NIA 112 555.14 RT Requisition Non-Performance Distribution Amount NIA NIA 113 555.17 RT Supplemental Reserve Distribution Amount NIA NIA 114 555.17 RT Supplemental Reserve Distribution Amount NIA NIA 115 555.21 RT Regulation Non-Performance Distribution Amount NIA NIA 116 555.21 RT Regulation Non-Performance Distribution Amount NIA NIA 117 555.23 Miscellaneous Amount NIA NIA 118 555.22 RT Pseudo Tie Congestion Amount NIA NIA 119 555.23 RT Shedule 1A3 Amount NIA NIA 110 555.23 RT Shedule 1A3 Amount NIA NIA 121 555.30 RT Shedule 1A3 Amount NIA NIA 121 555.30 RT Shedule 1A3 Amount NIA NIA 121 5	95		SPP Wholesale Market Charges				
99	96	555.19 555.09	DA Asset Energy Amount***				
	98	555.09	RT Asset Energy Amount***	N/A	N/A		
101		555.02	NI Non-Asset Energy Amount DA Make-Whole-Payment Distribution Amount				
103	101	555.1	RT Make-Whole-Payment Distribution Amount	N/A	N/A		
105	103	555.15	RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A		
106	105	555.05	DA Regulation-Up Distribution Amount	N/A	N/A		
108	106	555.06	DA Spinning Reserve Distribution Amount				
110 555.12 RT Regulation-Down Distribution Amount N/A N/A 111 555.13 RT Regulation Non-Performance Distribution Amount N/A N/A 112 555.14 RT Regulation-Up Distribution Amount N/A N/A 113 555.16 RT Regulation-Up Distribution Amount N/A N/A 114 555.17 RT Supplemental Reserve Distribution Amount N/A N/A 115 555.2 RT Sepado Tie Congestion Amount N/A N/A 116 555.2 RT Pseudo Tie Loss Amount N/A N/A 117 555.2 Miscellaneous Amount N/A N/A 118 555.2 ART Closeout Yearly Amount N/A N/A 119 555.2 RT Pseudo Tie Loss Amount N/A N/A 119 555.2 RT Pseudo Tie Loss Amount N/A N/A 119 555.2 RT RESedout Yearly Amount N/A N/A 119 555.2 RT Steadule 1/A Amount N/A N/A 121 555.30 RT Steadule 1/A Amount N/A N/A 121 555.30 RT Steadule 1/A Amount N/A N/A 122 555.31 DA Ramp Up Distribution Amount N/A N/A 124 N/A N/A N/A N/A 125 N/A N/A N/A N/A N/A 126 N/A N/A N/A N/A N/A 127 N/A N/A N/A N/A N/A 128 N/A N/A N/A N/A N/A 129 N/A N/A N/A N/A N/A N/A 120 N/A N/A N/A N/A N/A N/A 121 N/A N/A N/A N/A N/A N/A N/A 122 S55.31 DA Ramp Up Distribution Amount N/A N/A N/A N/A N/A N/A 129 N/A N/A	108	555.08	RT Contingency Reserve Deployment Failure Amount	N/A	N/A		
111 555.13 RT Regulation Non-Performance Distribution Amount N/A N/A 112 555.14 RT Regulation-Up Distribution Amount N/A N/A 113 555.16 RT Spinning Reserve Distribution Amount N/A N/A 114 555.17 RT Supplemental Reserve Distribution Amount N/A N/A 115 555.2 RT Pseudo Tie Congestion Amount N/A N/A 116 555.2 RT Pseudo Tie Loss Amount N/A N/A 117 555.23 Miscellaneous Amount N/A N/A 118 555.26 ARR Closeout Vearly Amount N/A N/A 119 555.28 RT Demand Reduction Distribution Amount N/A N/A 119 555.28 RT Schedule 1/A Amount N/A N/A 121 555.30 RT Schedule 1/A Amount N/A N/A 121 555.30 RT Schedule 1/A Amount N/A N/A 122 555.31 DA Ramp Up Distribution Amount N/A N/A 124 N/A N/A N/A N/A 125 N/A N/A N/A N/A N/A 126 N/A N/A N/A N/A N/A 127 N/A N/A N/A N/A N/A N/A N/A 128 N/A N/A N/A N/A N/A N/A N/A 129 N/A N/A N/A N/A N/A N/A N/A N/A 120 12	110	555.12	RT Regulation-Down Distribution Amount	N/A	N/A		
113 555.16 RT Spinning Reserve Distribution Amount NIA NIA 114 555.17 RT Supplemental Reserve Distribution Amount NIA NIA 115 555.2 RT Pseudo Tie Congestion Amount NIA NIA 116 555.2 RT Pseudo Tie Loss Amount NIA NIA 117 555.23 Miscellaneous Amount NIA NIA 118 555.26 ARR Closeout Verify Amount NIA NIA 119 555.28 RT Schedule IA3 Amount NIA NIA 110 555.28 RT Schedule IA3 Amount NIA NIA 121 555.30 RT Schedule IA3 Amount NIA NIA 121 555.30 RT Schedule IA3 Amount NIA NIA 122 555.31 DA Ramp Up Distribution Amount NIA NIA 123 NIA NIA NIA NIA 124 NIA NIA NIA NIA 125 NIA NIA NIA NIA NIA 126 NIA NIA NIA NIA NIA 127 NIA NIA NIA NIA NIA 128 NIA NIA NIA NIA NIA NIA 129 NIA NIA NIA NIA NIA NIA NIA NIA 120 NIA 111	555.13	RT Regulation Non-Performance Distribution Amount	N/A	N/A			
115	113	555.16	RT Spinning Reserve Distribution Amount	N/A	N/A		
116	115	555.2	RT Pseudo Tie Congestion Amount	N/A	N/A	L	
118 555.28 ARR Closeout Yearly Amount N/A N/A N/A 119 555.29 RT Demand Reduction Distribution Amount N/A N/A 120 555.29 RT Schedule 1A3 Amount N/A N/A 121 555.30 RT Schedule 1A3 Amount N/A N/A 122 555.31 DA Ramp Up Distribution Amount N/A N/A N/A N/A N/A N/A	116	555.21	RT Pseudo Tie Loss Amount	N/A	N/A		
120 555.29 RT Schedule 1A3 Amount N/A N/A N/A 121 555.30 RT Schedule 1A4 Amount N/A N/A N/A 122 555.31 DA Ramp Up Distribution Amount N/A N/A New charge type in 2022	118	555.26	ARR Closeout Yearly Amount	N/A	N/A		
121 555.30 RT Schedule 1A4 Amount N/A N/A 122 555.31 DA Ramp Up Distribution Amount N/A N/A New charge type in 2022	120	555.29	RT Schedule 1A3 Amount		N/A		
	121	555.30	RT Schedule 1A4 Amount	N/A	N/A		New charge type in 2022

555.33 RT Ramp Non Performance Distribution Amount 555.34 RT Ramp Up Distribution Amount 555.35 RT Ramp Down Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022 New charge type in 2022
		N/A		New charge type in 2022
	N/A			New charge type in 2022
555.01 DA GFA Carve Out Distribution Deployment Daily Amount	N/A	N/A		
	N/A	N/A		
Total SPP Wholesale Market Charges				
	N/A	N/A		
Regulation Cost Distribution Amount	N/A	N/A		
Day Ahead Short-Term Reserve Amount	N/A	N/A		
Real Time Short-Term Reserve Amount	N/A	N/A		
Short-Term Reserve Cost Distribution Amount	N/A	N/A		
Day Ahead Spinning Reserve Amount	N/A	N/A		
	N/A	N/A		
			-	
	N/A	N/A		
Total MISO ASM				
Total Wholesale Market Charges				
Purchased Power				
	[PROTECTED DATA	A BEGINS		
Edgeley PPA				
Langdon PPA		_		
Ashtabula III PPA	_	1		
Tribal (WAPA)		1		Not Applicable to EAR - Excluded from Total
	_	-		
	_	7		
	_	Ī		
		=		
	_	-		MISO and SPP Energy Only
marroc i altifilado	DDC	TECTED DATA E	יפחע	mico and or r. Energy only
T-t-! Pb			100]	Tribal (WAPA) excluded from Total
Total Purchases	299,700	202,000	-	I II Dai (WAFA) excluded II OII Total
Wind Curtailment	202	(040)		
Willia Curtailineill	böb	(212)	-	
110		(40 5:	-	0 71 MUSON 0 1 17 0 11 1 15 7 11
ASSET Based Sales		(13,718)		Credit to MN FCA Calculation - Subtracted from Total
Fuel Costs				Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
1 401 0000				Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
Asset Recod Marring				Based Sales
Asset based Margins				Dasou Gales
Character Plant Pagents			-	F## Ib. 2000 DIt N- F047/CD 00 740
Steam Plant Reagents		•		Effective July 2022 - Docket No. E017/GR-20-719
Steam/Water Sales				Effective July 2022 - Docket No. E017/GR-20-719
Planning Resource Auction Revenues	-	-		Effective June 2022
Planning Resource Auction Revenues Total System - Plant Level	535.285	514,952		Effective June 2022 Tribal (WAPA) excluded from Total: Asset Based Sales subtracted from Total
	Real Time Short-Term Reserve Amount Short-Term Reserve Amount Day Ahead Spinning Reserve Amount Real Time Spinning Reserve Amount Real Time Spinning Reserve Amount Spinning Reserve Cost Distribution Amount Day Ahead Supplemental Reserve Amount Real Time Supplemental Reserve Amount Real Time Supplemental Reserve Amount Contingency Reserve Deployment Failure Charge Amount Contingency Reserve Deployment Failure Charge Amount Real Time Excessive Deployment Failure Charge Amount Stort-Term Reserve Deployment Failure Charge Amount Net Regulation Adjustment Amount Total Wholesale Market Charges Purchased Power Edgeley PPA Langdon PPA Ashtabula III PPA Tibal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Billetral purchases Market Purchases Market Purchases Market Purchases Fuel Costs Fuel Costs Asset Based Sales Fuel Costs Asset Based Margins Steam Plant Reagents	MISO ASM	MISO ASM	Storage Stor

F			November 2024 F	orecast to Actual	- \$ per MW	'h
			November 2024 Forecast	November 2024 Actual		Notes
Line		eneration	[PROTECTED DATA			
2		Big Stone Coyote	-	-		
3		Total Coal		PROTECTED DAT	A ENDS	
5		I otai Coai	\$ 24.89 [PROTECTED DATA			
6 7		Langdon Wind Ashtabula Wind	-	_		
8		Ashtabula III	-	_		
9 10		Luverne Wind Merricourt	-	-		
11				PROTECTED DAT	A ENDS	
12		Total Wind	\$ -	\$ -		
14		Total Hydro	\$ -	\$ -		
15 16		Jamestown 1	[PROTECTED DATA	BEGINS		
17		Jamestown 2	-	_		
18 19		Lake Preston		PROTECTED DAT	TA ENDS]	
20		Total Oil - Peaking Units	\$ - [PROTECTED DATA	s -		
21		Natural gas - Solway	[PROTECTED DATA	BEGINS		
23 24		Natural gas - Astoria		PROTECTED DAT	TA ENDO	
25		Total Natural Gas	\$ 1,445.78	\$ 24.72	A ENDS	
26 27		Solar - Blue Jay	[PROTECTED DATA	BEGINS		
28		Solar - Blue Heron	= =			
29 30		Solar - Hoot Lake		PROTECTED DAT	TA ENDS1	
31		Total Solar	\$ -	0		
32		Total OTP-Owned	\$ 1,470.67	\$ 56.00		
34	18751					
35 36	wnoles	ale Market Charges MISO Wholesale Market Charges				
37 38	555.02	DA Asset Energy Amount***	N/A N/A	N/A N/A		
39	555.09	DA FBT Loss Amount DA Non-asset Energy Amount***	N/A	N/A		
40 41	555.19	RT Asset Energy Amount*** RT Distribution of Losses Amount	N/A N/A	N/A N/A		
42	555.21	RT FBT Loss Amount	N/A	N/A		
43 44		DA Loss Amount RT Loss Amount	N/A N/A	N/A N/A		
45	555.26	RT Non-Asset Energy Amount***	N/A	N/A		
46 47	555.08 555.12	DA Losses Rebate on Option B GFA DA Virtual Energy Amount	N/A N/A	N/A N/A		
48	555.32	RT Virtual Energy Amount	N/A	N/A		
49 50		DA Mkt Admin Amount RT Mkt Admin Amount	N/A N/A	N/A N/A		
51	555.13	FTR Mkt Admin Amount	N/A	N/A		
52 53	555.03	DA FBT Congestion Amount DA Congestion	N/A N/A	N/A N/A		
54	555.2	RT FBT Congestion Amount	N/A	N/A		
55 56		RT Congestion FTR Hourly Allocation Amount	N/A N/A	N/A N/A		
57	555.15	FTR Monthly Allocation Amount	N/A	N/A		
58 59	555.35	FTR Yearly Allocation Amount FTR Monthly Transaction Amount	N/A N/A	N/A N/A		
60 61	555.36	FTR Full Funding Guarantee Amount FTR Guarantee Uplift Amount	N/A N/A	N/A N/A		
62	555.39	FTR Auction Revenue Rights Transaction Amount	N/A	N/A		
63 64		FTR Annual Transaction Amount FTR Auction Revenue Rights Infeasible Uplift Amount	N/A N/A	N/A N/A		
65	555.41	FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A		
66 67	555.07 555.1	DA Congestion Rebate on Option B GFA DA Revenue Sufficiency Guarantee Distribution Amount	N/A N/A	N/A N/A		
68	555.11	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A		
69 70	555.29	RT Revenue Sufficiency Guarantee First Pass Distribution Amount RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A N/A	N/A N/A		
71	555.42	RT Price Volatility Make Whole Payment	N/A	N/A		
72 73		RT Revenue Neutrality Uplift Amount RT Misc Amount	N/A N/A	N/A N/A		
74 75	555.27	RT Net Inadvertent Amount	N/A N/A	N/A N/A		
76	555.59	RT Uninstructed Deviation Amount RT Demand Response Allocation Uplift Amount	N/A	N/A		
77 78		DA Ramp Product RT Ramp Product	N/A N/A	N/A N/A		
79	555.65	RT Schedule 49 Cost Distribution Amount	N/A	N/A		
80 81	555.55 555.56	RT ASM Non-Excessive Energy Amount*** RT ASM Excessive Energy Amount***	N/A N/A	N/A N/A		
82	555.05	DA Congestion Rebate on COGA	N/A	N/A		
83 84	555.06 555.22	DA Losses Rebate on COGA RT Congestion Rebate on COGA	N/A N/A	N/A N/A		
85	555.23	RT Loss Rebate on COGA	N/A	N/A		
86 87		Net Congestion and Losses Adjustment & No DA Generation Schedule	N/A	N/A		
88 89		Total MISO Wholesale Market Charges				
90		SPP Wholesale Market Charges				
91 92	555.19	DA Asset Energy Amount*** DA Non-asset Energy Amount	N/A N/A	N/A N/A		
93	555.09	RT Asset Energy Amount***	N/A	N/A		
94 95	555	RT Non-Asset Energy Amount DA Make-Whole-Payment Distribution Amount	N/A N/A	N/A N/A		
96	555.1	RT Make-Whole-Payment Distribution Amount	N/A	N/A		
97 98		RT Revenue Sufficiency Guarantee Distribution Amount RT Revenue Neutrality Uplift Distribution Amount	N/A N/A	N/A N/A		
99	555.04	DA Regulation-Down Distribution Amount	N/A	N/A		
100	555.06	DA Regulation-Up Distribution Amount DA Spinning Reserve Distribution Amount	N/A N/A	N/A N/A		
102	555.07	DA Supplemental Reserve Distribution Amount	N/A	N/A		
103 104		RT Contingency Reserve Deployment Failure Amount RT Over-Collected Losses Distribution Amount	N/A N/A	N/A N/A		
105	555.12	RT Regulation-Down Distribution Amount	N/A N/A	N/A N/A		
106 107	555.14	RT Regulation Non-Performance Distribution Amount RT Regulation-Up Distribution Amount	N/A	N/A		
108 109	555.16	RT Spinning Reserve Distribution Amount	N/A N/A	N/A N/A		
110	555.2	RT Supplemental Reserve Distribution Amount RT Pseudo Tie Congestion Amount	N/A	N/A		
111 112	555.21	RT Pseudo Tie Loss Amount	N/A N/A	N/A N/A		
113	555.26	Miscellaneous Amount ARR Closeout Yearly Amount	N/A	N/A		
114 115	555.28	RT Demand Reduction Distribution Amount RT Schedule 1A3 Amount	N/A N/A	N/A N/A		
116	555.30	RT Schedule 1A4 Amount	N/A	N/A		
117	555.31	DA Ramp Up Distribution Amount DA Ramp Down Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022 New charge type in 2022
119	555.33	RT Ramp Non Performance Distribution Amount	N/A	N/A		New charge type in 2022
120 121		RT Ramp Up Distribution Amount RT Ramp Down Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022 New charge type in 2022
122	555.01	DA GFA Carve Out Distribution Deployment Daily Amount	N/A	N/A		gyPV III hVbb
123	555.22	DA GFA Carve Out Distribution Deployment Monthly Amount	N/A	N/A		

24	EEE 07	DA GFA Carve Out Distribution Deployment Yearly Amount	N/A	N/A		
24	555.27	Total SPP Wholesale Market Charges	N/A	N/A		
125 126		Total SPP Wholesale Market Charges			-	
126		MISO ASM				
127		Day Ahead Regulation Amount	N/A	N/A	 	
		Real Time Regulation Amount	N/A N/A	N/A N/A		
129		Regulation Cost Distribution Amount	N/A N/A	N/A N/A		
131		Day Ahead Short-Term Reserve Amount	N/A	N/A		
132		Real Time Short-Term Reserve Amount	N/A	N/A		
133		Short-Term Reserve Cost Distribution Amount	N/A	N/A		
134		Day Ahead Spinning Reserve Amount	N/A	N/A		
135		Real Time Spinning Reserve Amount	N/A	N/A		
136		Spinning Reserve Cost Distribution Amount	N/A	N/A		
137		Day Ahead Supplemental Reserve Amount	N/A	N/A		
138		Real Time Supplemental Reserve Amount	N/A	N/A	1	
139		Supplemental Reserve Cost Distribution Amount	N/A	N/A		
140		Contingency Reserve Deployment Failure Charge Amount	N/A	N/A		
141		Real Time Excessive Deficient Energy Deployment Charge Amount	N/A	N/A		
142		Short-Term Reserve Deployment Failure Charge Amount	N/A	N/A		
143		Net Regulation Adjustment Amount	N/A	N/A		
144		Total MISO ASM				
145		-			1	
146		Total Wholesale Market Charges			1	
147		_				
148						
149	Purcha	sed Power				
150			[PROTECTED DATA	A BEGINS		
151		Edgeley PPA	-			
152		Langdon PPA	-			
153		Ashtabula III PPA	-			
154		Tribal (WAPA)	=			Not Applicable to EAR - Excluded from Total
155		WAPA Energy Imbalance	-			
156		Shared Loads	-			
157		Small Co-gen	-			
158		Bilateral purchases	-			
159		Market Purchases	-			MISO and SPP Energy Only
160		Market 1 drondood		PROTECTED DA	TA ENDSI	
161		Total Purchases			LITUOJ	Tribal (WAPA) excluded from Total
162		Total Furchases	¥ 52.01	y 20.01	†	The Itte Ty executed from Total
163	Wind C	urtailment	\$ 11.86	\$ 41.26	 	
164	-Villa C	urtaiiment	ψ 11.00	41.20	-	
165	Accet E	Based Sales	0	\$ 35.10	 	
100	Maadi	AGOU GUIDO	U	y 35.10	 	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
400		First Coats			1	
166		Fuel Costs	N/A	N/A	ļ	Based Sales
					1	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
!		Asset Based Margins	N/A	N/A	ļ	Based Sales
					1	
168				N/A		Effective July 2022 - Docket No. E017/GR-20-719
168 169	Steam	Plant Reagents	N/A	IN/A		
168 169 170		-				
168 169 170 171		Plant Reagents Water Sales	N/A N/A	N/A		Effective July 2022 - Docket No. E017/GR-20-719
168 169 170 171 172	Steam/	Water Sales	N/A	N/A		
169 170 171 172 173	Steam/	-				Effective July 2022 - Docket No. E017/GR-20-719 Effective June 2022
168 169 170 171 172	Steam/ Plannir	Water Sales	N/A	N/A N/A		

F	-		December 2024	pr 2024 Forecast December 2024	to Actual - Expens	e (Revenue)	
Lier	Di4 2	Concretion	Forecast [PROTECTED DATA	Actual			Notes
Line 1		Generation Big Stone		DEGINS	1	1	
3		Coyote Hoot Lake #2	-				Hoot Lake plant closed in May 2021
4 5		Hoot Lake #3	-		DDOTECT	TED DATA ENDS1	
6 7		Total Coal	\$ 5,771,986	\$ 4,825,304			
7 8		Langdon Wind	[PROTECTED DATA	BEGINS			
9		Ashtabula Wind	-				
10 11		Luverne Wind Merricourt	-				
12		Total Wind	\$ -	\$ -	PROTECT	TED DATA ENDS]	
14 15		Total Hydro		s -	\$ -	0	
16			[PROTECTED DATA		•	·	
17 18		Jamestown 1 Jamestown 2	_				
19 20		Lake Preston			PROTECT	TED DATA ENDS]	
21		Total Oil - Peaking Units		\$ 31,761			
22 23		Natural gas - Solway	[PROTECTED DATA	DEGINS			
24 25		Natural gas - Astoria			PROTECT	TED DATA ENDS]	
26 27		Total Natural Gas	\$ 265,194 [PROTECTED DATA		\$ 1,945,562	733.64%	
28		Solar - Blue Jay	-			1	
29 30		Solar - Blue Heron Solar - Hoot Lake	-		1		
31 32		Total Solar	\$ -	\$ -	PROTECT	TED DATA ENDS]	
33 34		Total OTP-Owned		\$ 7,067,821		17.07%	
35			ψ υ,υ <i>οι</i> ,101	<i>↓ 1,</i> ∪01,021	y 1,030,040	17.07%	
36 37		sale Market Charges MISO Wholesale Market Charges					
38 39	555.02	DA Asset Energy Amount***	\$ - \$ -	\$ - \$ -	\$ - \$ -	0	Energy Amounts - included/embedded within Market Purchases
40 41	555.09	DA Non-asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases Energy Amounts - included/embedded within Market Purchases
42	555.24	RT Distribution of Losses Amount	\$ - \$ (408,671)	\$ (249,579)			Energy zarrounts - included/enroedded within Market PUrchases
43 44			\$ - \$ 1,033,486	\$ 977,932	\$ -	-5.38%	
45 46		RT Loss Amount	\$ 59,134 \$ -			80.75%	
47	555.08	DA Losses Rebate on Option B GFA	\$ -	\$ -	\$ -	0	
48 49	555.32	RT Virtual Energy Amount		\$ - \$ -	\$ - \$ -	0	
50 51	555.01	DA Mkt Admin Amount	\$ 78,071 \$ 11,702			27.75%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
52	555.13	FTR Mkt Admin Amount	\$ 2,072	\$ 628	\$ (1,444)	-69.69%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
53 54		DA FBT Congestion Amount DA Congestion	\$ - \$ 2,993,851			-40.97%	
55 56		RT Congestion	\$ - \$ 327,331	\$ - \$ 325,633	\$ - \$ (1,699)	-0.52%	
57 58	555.14	FTR Hourly Allocation Amount	\$ (3,619,815) \$ (88,637)	\$ (2,668,417)	\$ 951,398		
59	555.17	FTR Yearly Allocation Amount	\$ -	\$ -	\$ -	0	
60 61	555.36	FTR Full Funding Guarantee Amount	\$ - \$ (105,755)	\$ 12,692	\$ - \$ 118,447	-112.00%	
62 63	555.37	FTR Guarantee Uplift Amount FTR Auction Revenue Rights Transaction Amount	\$ 121,282 \$ (4,483,052)	\$ (12,692)	\$ (133,974)	-110.46%	
64	555.38	FTR Annual Transaction Amount	\$ 4,480,382	\$ 3,172,567	\$ (1,307,815)	-29.19%	
65 66	555.41	FTR Auction Revenue Rights Infeasible Uplift Amount FTR Auction Revenue Rights Stage 2 Distribution Amount	\$ 8,286 \$ (87,458)	\$ (204,332)	\$ (116,874)	133.63%	
67 68	555.07 555.10	DA Congestion Rebate on Option B GFA DA Revenue Sufficiency Guarantee Distribution Amount	\$ - \$ 18,885		\$ -	-21.70%	
69 70	555.11		\$ (7,556) \$ 53,082	\$ (947)	\$ 6,610	-87.47%	
71	555.30	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (229,119)	\$ -	\$ 229,119	-100.00%	
72 73	555.28	RT Price Volatility Make Whole Payment RT Revenue Neutrality Uplift Amount	\$ (55,542) \$ 117,809	\$ 139,869	\$ 22,060	18.73%	
74 75	555.27	RT Misc Amount RT Net Inadvertent Amount	\$ 6,775 \$ 170		\$ (7,187) \$ 13,929	-106.09% 8201.62%	
76 77	555.31			\$ -	\$ -	35.32%	
78	555.63	DA Ramp Product	\$ (3,424)	\$ (10,438)	\$ (7,014)	204.84%	
79 80	555.65		\$ (1,980) \$ 14,974			59.03%	
81 82	555.55	RT ASM Non-Excessive Energy Amount*** RT ASM Excessive Energy Amount***	\$ - \$ -	\$ - \$ -	\$ - \$ -	0	Energy Amounts - included/embedded within Market Purchases Energy Amounts - included/embedded within Market Purchases
83 84	555.05	DA Congestion Rebate on COGA	\$ -	\$ - \$ -	\$ -	0	
85	555.22	RT Congestion Rebate on COGA		\$ -	\$ -	0	
86 87	555.23	RT Loss Rebate on COGA Net Congestion and Losses Adjustment & No DA Generation Schedule	\$ - \$ -	\$ -	\$ -	0	
88 89		Total MISO Wholesale Market Charges					Total Excludes Schedule 16 and 17 (Lines 40, 41, 42 Above)
90		_	¥ 100,079	¥ 143,004	y (10,095)	-11.2770	TOTAL ENGINEER OF BEING 17 (LINES 40, 41, 42 ADDVC)
91 92	555.19		\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
93 94	555.03	DA Non-asset Energy Amount	\$ - \$ -	\$ - \$ -	\$ - \$ -	0	Energy Amounts - included/embedded within Market Purchases
95	555.00	RT Non-Asset Energy Amount	\$ -	\$ -	\$ -	0	
96 97	555.10	RT Make-Whole-Payment Distribution Amount	\$ 1,109	\$ - \$ 2			
98 99			\$ - \$ 248	\$ -	\$ -	-100.16%	
100	555.04	DA Regulation-Down Distribution Amount	\$ 16 \$ 62	\$ 0		-99.57%	
102	555.06	DA Spinning Reserve Distribution Amount	\$ 74	\$ 0	\$ (74)	-99.96%	
103 104	555.08	RT Contingency Reserve Deployment Failure Amount	\$ 11 \$ (2) \$ (36,190)	\$ 0	\$ (11) \$ 2	-100.00%	
105 106	555.11	RT Over-Collected Losses Distribution Amount		\$ (12,765) \$ -	\$ 23,426 \$ (3)	-64.73%	
107	555.13	RT Regulation Non-Performance Distribution Amount	\$ (2)	\$ (0)	\$ 2	-96.79%	
108 109	555.16	RT Regulation-Up Distribution Amount RT Spinning Reserve Distribution Amount	\$ (3) \$ (1)	\$ -	\$ 3 \$ 1	-100.00%	
110 111	555.17 555.20	RT Supplemental Reserve Distribution Amount RT Pseudo Tie Congestion Amount	\$ (3) \$ (104,879)	\$ 254,669	\$ 3 \$ 359,548	-342.82%	
112	555.21	RT Pseudo Tie Loss Amount	\$ (24,457)	\$ 41,906	\$ 66,363	-271.35%	
114	555.26		\$ -	\$ -	\$ -	0	
115 116	555.29	RT Schedule 1A3 Amount	\$ 7		\$ (7)	-99.33%	
117 118	555.30	RT Schedule 1A4 Amount	\$ 37 \$ 74	\$ 0	\$ (36) \$ (74)	-99.67%	
119	555.32	DA Ramp Down Distribution Amount	\$ -	\$ -	\$ -	0	New charge type in 2022
120 121	555.34	RT Ramp Non Performance Distribution Amount RT Ramp Up Distribution Amount	\$ (1) \$ (5)	\$ -	\$ 1 \$ 5	-100.00%	New charge type in 2022 New charge type in 2022
122 123	555.35 555.36		\$ -	\$ -	\$ - \$ -	0	New charge type in 2022 New charge type in 2024

					_					
124			\$		\$		\$	7		New charge type in 2024
125		DA GFA Carve Out Distribution Deployment Daily Amount	\$	28			\$	(27)	-99.21%	
126		DA GFA Carve Out Distribution Deployment Monthly Amount	\$	(0)		(0)		0	-85.71%	
127	555.27		\$	-	\$		\$	-	0	
128		Total SPP Wholesale Market Charges	\$	(163,879)	\$	283,819	\$	447,698	-273.19%	
129										
130		MISO ASM								
131	555.43	Day Ahead Regulation Amount	\$	(18,849)	\$	(102,124)	\$	(83,274)	441.79%	
132		Real Time Regulation Amount	\$	(33,518)		(84,595)		(51,077)	152.39%	
133	555.52	Regulation Cost Distribution Amount	\$	27,492	\$	46,281	\$	18,789	68.34%	
134	555.66	Day Ahead Short-Term Reserve Amount	\$	(16,532)	\$	(33,369)		(16,836)	101.84%	
135	555.67	Real Time Short-Term Reserve Amount	\$	(39,087)	\$	214	\$	39,301	-100.55%	
136	555.68	Short-Term Reserve Cost Distribution Amount	\$	58,177	\$	16,879	\$	(41,298)	-70.99%	
137	555.44	Day Ahead Spinning Reserve Amount	\$	(20,073)	\$	(33,927)	\$	(13,854)	69.02%	
138	555.47	Real Time Spinning Reserve Amount	\$	(47,247)	\$	756	\$	48,003	-101.60%	
139	555.53	Spinning Reserve Cost Distribution Amount	\$	26,675	\$	24,018	\$	(2,657)	-9.96%	
140		Day Ahead Supplemental Reserve Amount	\$	(20,603)	\$	(12,417)	\$	8,186	-39.73%	
141		Real Time Supplemental Reserve Amount	S	156,910		(6.297)		(163,207)	-104.01%	
142		Supplemental Reserve Cost Distribution Amount	\$	1,343		3,496	\$	2,153	160.36%	
143		Contingency Reserve Deployment Failure Charge Amount	\$	3,407			\$	(3,407)	-100.00%	
144		Real Time Excessive Deficient Energy Deployment Charge Amount	\$	1,927		23,221	\$	21,294	1104.77%	
145		Short-Term Reserve Deployment Failure Charge Amount	S	,	Š	1,926	S	1.926	0	
146		Net Regulation Adjustment Amount	\$	1.016		3,310	S	2.294	225.89%	
147		Total MISO ASM	\$	81,037	s	(152,627)	S	(233,664)	-288.34%	
148										
149		Total Wholesale Market Charges	\$	85,737	\$	280.876	\$	195,140	227.60%	
150										
151										
152	Purcha	sed Power								
152 153	Purcha		[PROTE	CTED DATA	A BE	GINS				
			[PROTE	CTED DATA	BE	GINS				
153 154 155			[PROTE	CTED DATA	A BE	GINS			-	
153 154		Edgeley PPA	[PROTE	CTED DATA	A BE	GINS			-	
153 154 155		Edgeley PPA Langdon PPA	[PROTE	CTED DATA	BE	GINS			-	Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158		Edgeley PPA Langdon PPA Ashtabula III PPA	[PROTE	CTED DATA	BE	GINS			-	Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158 159		Edoeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads	[PROTE	ECTED DATA	BE	GINS			-	Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance	[PROTE	CTED DATA	A BE	GINS			- - - -	Not Applicable to EAR - Excluded from Total
153 154 155 156 157 158 159 160 161		Edoeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads	[PROTE	CTED DATA	ABE	GINS			-	
153 154 155 156 157 158 159 160 161 162		Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen	[PROTE	CTED DATA	BE	GINS			-	Not Applicable to EAR - Excluded from Total MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Blatteral purchases Market Purchases							ED DATA ENDS]	MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Balteral purchases		10,859,327		10,809,935	\$	PROTECT (49,392)		
153 154 155 156 157 158 159 160 161 162 163 164		Edgeley PPA Langdon PPA Ashabula III PPA Tribal (WAPA) WAPA Fenery Imbalance Shared Loads Shared Loads Shared Loads Shared Loads Shared Loads Tribal WAPA Tribal WAPA Tribal WAPA Tribal WAPA Tribal WAPA Tribal WAPA Tribal	\$	10,859,327	\$	10,809,935		(49,392)	-0.45%	MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164 165 166		Edgeley PPA Langdon PPA Ashtabula III PPA Tribat (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Blatteral purchases Market Purchases		10,859,327	\$					MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167	Wind C	Edgeley PPA Langdon PPA Achtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Shared Codes Shared Codes Bilateral purchases Market Purchases Total Purchases urtailment	\$	10,859,327 8,081	\$	10,809,935	\$	20,351	-0.45% 251.83%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Enerty Imbalance Shared Loads Shared Loads Shall Co-gen Bilateral purchases Market Purchases Total Purchases urtallment Jased Sales	\$ \$ \$	10,859,327 8,081 (159,459)	\$	10,809,935 28,432 (1,818,111)	\$	(49,392) 20,351 (1,658,652)	-0.45% 251.83% 1040.17%	MISO and SPP Energy Only
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtailment 3ased Sales Fuel Costs	\$ \$ \$ \$ \$	10,859,327 8,081 (159,459) (74,240)	\$ \$ \$	10,809,935 28,432 (1,818,111) (1,209,138)	\$ \$	(49,392) 20,351 (1,658,652) (1,134,899)	-0.45% 251.83% 1040.17% 1528.70%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Enerty Imbalance Shared Loads Shared Loads Shall Co-gen Bilateral purchases Market Purchases Total Purchases urtallment Jased Sales	\$ \$ \$	10,859,327 8,081 (159,459)	\$ \$ \$	10,809,935 28,432 (1,818,111)	\$ \$	(49,392) 20,351 (1,658,652)	-0.45% 251.83% 1040.17%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtallment 3ased Sales Fuel Costs Asset Based Margins	\$ \$ \$ \$ \$	10,859,327 8,081 (159,459) (74,240) (85,219)	\$ \$ \$ \$ \$	10,809,935 28,432 (1,818,111) (1,209,138) (608,973)	\$ \$ \$ \$	(49,392) 20,351 (1,658,652) (1,134,899) (523,753)	-0.45% 251.83% 1040.17% 1528.70% 614.59%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 170	Wind C	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtailment 3ased Sales Fuel Costs	\$ \$ \$ \$ \$	10,859,327 8,081 (159,459) (74,240)	\$ \$ \$ \$ \$	10,809,935 28,432 (1,818,111) (1,209,138)	\$ \$ \$ \$	(49,392) 20,351 (1,658,652) (1,134,899)	-0.45% 251.83% 1040.17% 1528.70% 614.59%	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172	Wind C Asset E	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Balteral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins ake Solar Generation Credit	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,859,327 8,081 (159,459) (74,240) (85,219) (116,241)	\$ \$ \$ \$ \$ \$ \$	10,809,935 28,432 (1,818,111) (1,209,138) (608,973) (62,788)	\$ \$ \$ \$	(49,392) 20,351 (1,658,652) (1,134,899) (523,753) 53,453	-0.45% 251.83% 1040.17% 1528.70% 614.59% \$ (0)	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 171 172 172 173 174	Wind C Asset E	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtallment 3ased Sales Fuel Costs Asset Based Margins	\$ \$ \$ \$ \$	10,859,327 8,081 (159,459) (74,240) (85,219)	\$ \$ \$ \$ \$ \$ \$	10,809,935 28,432 (1,818,111) (1,209,138) (608,973)	\$ \$ \$ \$	(49,392) 20,351 (1,658,652) (1,134,899) (523,753)	-0.45% 251.83% 1040.17% 1528.70% 614.59% \$ (0)	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175	Wind C Asset E Hoot L	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Belteral purchases Market Purchases Ware Purchases Urtailment Based Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,859,327 8,081 (159,459) (74,240) (85,219) (116,241) 297,516	\$ \$ \$ \$ \$	10,809,935 28,432 (1,818,111) (1,209,138) (608,973) (62,788)	\$ \$ \$ \$	(49,392) 20,351 (1,658,652) (1,134,899) (523,753) 53,453 140,286	-0.45% 251.83% 1040.17% 1528.70% 614.59% \$ (0) \$ 0	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 170 171 172 173 174 175	Wind C Asset E Hoot L	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Stared Loads Small Co-gen Balteral purchases Market Purchases Total Purchases urtaliment assed Sales Fuel Costs Asset Based Margins ake Solar Generation Credit	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,859,327 8,081 (159,459) (74,240) (85,219) (116,241)	\$ \$ \$ \$ \$	10,809,935 28,432 (1,818,111) (1,209,138) (608,973) (62,788)	\$ \$ \$ \$	(49,392) 20,351 (1,658,652) (1,134,899) (523,753) 53,453	-0.45% 251.83% 1040.17% 1528.70% 614.59% \$ (0) \$ 0	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176	Wind C Asset E Hoot L Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Sharred Loads Small Co-gen Belteral purchases Market Purchases Warter Purchases Total Purchases urtailment Based Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents Water Sales Water Sales	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,859,327 8,081 (159,459) (74,240) (85,219) (116,241) 297,516 (110,642)	\$ \$ \$ \$ \$	10,809,935 28,432 (1,818,111) (1,209,138) (608,973) (62,788) 437,802 (104,812)	\$ \$ \$ \$ \$	(49,392) 20,351 (1,658,652) (1,134,899) (523,753) 53,453 140,286 5,830	-0.45% 251.83% 1040.17% 1528.70% 614.59% \$ (0) \$ 0	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 177 178	Wind C Asset E Hoot L Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Belteral purchases Market Purchases Ware Purchases Urtailment Based Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,859,327 8,081 (159,459) (74,240) (85,219) (116,241) 297,516	\$ \$ \$ \$ \$	10,809,935 28,432 (1,818,111) (1,209,138) (608,973) (62,788)	\$ \$ \$ \$ \$	(49,392) 20,351 (1,658,652) (1,134,899) (523,753) 53,453 140,286	-0.45% 251.83% 1040.17% 1528.70% 614.59% \$ (0) \$ 0	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 177 177	Wind C Asset E Hoot L Steam Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Longton Shared Longton Bilderal purchases Market Purchases Total Purchases urtailment Sased Sales Fuel Costs Asset Based Margins aike Solar Generation Credit Plant Reagents Water Sales g Resource Auction Revenues	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,859,327 8,081 (159,459) (74,240) (85,219) (116,241) 297,516 (110,642)	\$ \$ \$ \$ \$ \$	10,809,935 28,432 (1,818,111) (1,209,138) (608,973) (62,788) 437,802 (104,812) (23,490)	\$ \$ \$ \$ \$	(49,392) 20,351 (1,658,652) (1,134,899) (523,753) 53,453 140,286 5,830	-0.45% 251.83% 1040.17% 1528.70% 614.59% \$ (0) \$ 0	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719
153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177	Wind C Asset E Hoot L Steam Steam	Edgeley PPA Langdon PPA Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Sharred Loads Small Co-gen Belteral purchases Market Purchases Warter Purchases Total Purchases urtailment Based Sales Fuel Costs Asset Based Margins aske Solar Generation Credit Plant Reagents Water Sales Water Sales	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10,859,327 8,081 (159,459) (74,240) (85,219) (116,241) 297,516 (110,642)	\$ \$ \$ \$ \$ \$	10,809,935 28,432 (1,818,111) (1,209,138) (608,973) (62,788) 437,802 (104,812)	\$ \$ \$ \$ \$	(49,392) 20,351 (1,658,652) (1,134,899) (523,753) 53,453 140,286 5,830	-0.45% 251.83% 1040.17% 1528.70% 614.59% \$ (0) \$ 0	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719

^{***} These energy related charge types are reported in Market Purchases

F		-	December 2024 December 2024	Forecast to Actu December 2024	al - MV	Wh
15	Dr		Forecast	Actual		Notes
Line 1		eneration Big Stone	[PROTECTED DATA	BEGINS		
3		Coyote Hoot Lake #2				Hoot Lake plant closed in May 2021
4		Hoot Lake #2				Proof Lake plant closed in way 2021
5 6		Total Coal	PR0 227,851	TECTED DATA E 188,547	NDS]	
7 8		Langdon Wind	[PROTECTED DAT			
9		Ashtabula Wind				
10 11		Ashtabula III Luverne Wind	_			
12		Merricourt		TECTED DATA E	NDC1	
14		Total Wind and Solar	111,073	102,452	NDSJ	
15 16		Total Hydro	1,699	725		
17 18		Jamestown 1	[PROTECTED DAT	A BEGINS		
19		Jamestown 2				
20		Lake Preston	PR0	TECTED DATA E	NDS]	
22 23		Total Oil - Peaking Units	PROTECTED DAT	A REGINS		
24		Natural gas - Solway	- INGIEGIES BAI			
25 26		Natural gas - Astoria	PR	TECTED DATA E	NDS]	
27 28		Total Natural Gas	5,229 [PROTECTED DAT	60,860 A REGINS		
29		Solar - Blue Jay	_			
31		Solar - Blue Heron Solar - Hoot Lake				
32 33		Solar - Red Lake Falls Area SB Solar Solar - Karlstad Area SB			_	
34		Solar - Crookston Area SB		TECTED DATA E	NDer	
35 36		Total Solar		1,560	וצטאו	
37 38		Total OTP-Owned	345,852	354,154		
39	Whal-		,	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
40		ale Market Charges MISO Wholesale Market Charges				
42 43	555.02	DA Asset Energy Amount*** DA FBT Loss Amount	N/A N/A	N/A N/A		
44 45	555.09	DA Non-asset Energy Amount*** RT Asset Energy Amount***	N/A N/A	N/A N/A		
46	555.24	RT Distribution of Losses Amount	N/A	N/A		
47 48		RT FBT Loss Amount DA Loss Amount	N/A N/A	N/A N/A		
49 50		RT Loss Amount RT Non-Asset Energy Amount***	N/A N/A	N/A N/A		
51	555.08	DA Losses Rebate on Option B GFA	N/A	N/A		
52 53	555.12 555.32	DA Virtual Energy Amount RT Virtual Energy Amount	N/A N/A	N/A N/A		
54 55	555.01	DA Mkt Admin Amount RT Mkt Admin Amount	N/A N/A	N/A N/A		
56	555.13	FTR Mkt Admin Amount	N/A	N/A		
57 58		DA FBT Congestion Amount DA Congestion	N/A N/A	N/A N/A		
59 60	555.2	RT FBT Congestion Amount RT Congestion	N/A N/A	N/A N/A		
61	555.14	FTR Hourly Allocation Amount	N/A	N/A		
62 63		FTR Monthly Allocation Amount FTR Yearly Allocation Amount	N/A N/A	N/A N/A		
64	555.35	FTR Monthly Transaction Amount	N/A	N/A		
65 66	555.37	FTR Full Funding Guarantee Amount FTR Guarantee Uplift Amount	N/A N/A	N/A N/A		
67 68	555.39 555.38	FTR Auction Revenue Rights Transaction Amount FTR Annual Transaction Amount	N/A N/A	N/A N/A		
69	555.40	FTR Auction Revenue Rights Infeasible Uplift Amount	N/A N/A	N/A		
70 71	555.07	FTR Auction Revenue Rights Stage 2 Distribution Amount DA Congestion Rebate on Option B GFA	N/A			
72 73	555.1 555.11	DA Revenue Sufficiency Guarantee Distribution Amount DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A N/A			
74	555.29	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	N/A	N/A		
75 76	555.42	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount RT Price Volatility Make Whole Payment	N/A N/A	N/A N/A		
77 78	555.28	RT Revenue Neutrality Uplift Amount RT Misc Amount	N/A N/A	N/A N/A		
79	555.27	RT Net Inadvertent Amount	N/A N/A	N/A N/A		
80 81	555.59	RT Uninstructed Deviation Amount RT Demand Response Allocation Uplift Amount	N/A	N/A		
82 83	555.64	DA Ramp Product RT Ramp Product	N/A N/A	N/A N/A		
84 85	555.65	RT Schedule 49 Cost Distribution Amount RT ASM Non-Excessive Energy Amount***	N/A N/A	N/A N/A		
86	555.56	RT ASM Excessive Energy Amount***	N/A	N/A		
87 88	555.06	DA Congestion Rebate on COGA DA Losses Rebate on COGA	N/A N/A	N/A N/A		
89 90	555.22	RT Congestion Rebate on COGA RT Loss Rebate on COGA	N/A N/A			
91		Net Congestion and Losses Adjustment & No DA Generation Schedu		N/A		
92 93		Total MISO Wholesale Market Charges				
94 95		SPP Wholesale Market Charges				
96	555.19	DA Asset Energy Amount***	N/A	N/A		
97 98	555.09	DA Non-asset Energy Amount RT Asset Energy Amount***	N/A N/A	N/A N/A		
99 100	555	RT Non-Asset Energy Amount DA Make-Whole-Payment Distribution Amount	N/A N/A	N/A N/A		
101	555.1	RT Make-Whole-Payment Distribution Amount	N/A	N/A		
102 103	555.15	RT Revenue Sufficiency Guarantee Distribution Amount RT Revenue Neutrality Uplift Distribution Amount	N/A N/A	N/A N/A		
104 105	555.04	DA Regulation-Down Distribution Amount DA Regulation-Up Distribution Amount	N/A N/A	N/A N/A		
106 107	555.06	DA Spinning Reserve Distribution Amount	N/A N/A	N/A N/A		
108	555.08	DA Supplemental Reserve Distribution Amount RT Contingency Reserve Deployment Failure Amount	N/A	N/A		
109 110	555.11	RT Over-Collected Losses Distribution Amount RT Regulation-Down Distribution Amount	N/A N/A	N/A N/A		
111	555.13	RT Regulation Non-Performance Distribution Amount	N/A	N/A		
112 113	555.16	RT Regulation-Up Distribution Amount RT Spinning Reserve Distribution Amount	N/A N/A	N/A N/A		
114 115	555.17	RT Supplemental Reserve Distribution Amount RT Pseudo Tie Congestion Amount	N/A N/A	N/A		
116	555.21	RT Pseudo Tie Loss Amount	N/A	N/A		
117 118	555.26	Miscellaneous Amount ARR Closeout Yearly Amount	N/A N/A	N/A N/A		
119 120	555.28	RT Demand Reduction Distribution Amount RT Schedule 1A3 Amount	N/A N/A	N/A N/A		
121	555.30	RT Schedule 1A4 Amount	N/A	N/A		New desired in 2002
122 123		DA Ramp Up Distribution Amount DA Ramp Down Distribution Amount	N/A N/A			New charge type in 2022 New charge type in 2022
					_	

124	555 33	RT Ramp Non Performance Distribution Amount	N/A	N/A		New charge type in 2022
125		RT Ramp Up Distribution Amount	N/A	N/A		New charge type in 2022
126		RT Ramp Down Distribution Amount	N/A	N/A		New charge type in 2022
127		DA GFA Carve Out Distribution Deployment Daily Amount	N/A	N/A		INEW Charge type in 2022
128		DA GFA Carve Out Distribution Deployment Daily Amount DA GFA Carve Out Distribution Deployment Monthly Amount	N/A N/A	N/A		
129		DA GFA Carve Out Distribution Deployment Monthly Amount DA GFA Carve Out Distribution Deployment Yearly Amount	N/A N/A	N/A N/A		
130	555.27	Total SPP Wholesale Market Charges	N/A	IN/A		
131		Total SPP Wholesale Warket Charges				
132		MISO ASM				
132		Day Ahead Regulation Amount	N/A	N/A		
134		Real Time Regulation Amount	N/A N/A	N/A		
135		Regulation Cost Distribution Amount	N/A	N/A		
136		Day Ahead Short-Term Reserve Amount	N/A	N/A		
137		Real Time Short-Term Reserve Amount	N/A	N/A		
138		Short-Term Reserve Cost Distribution Amount	N/A	N/A		
139		Day Ahead Spinning Reserve Amount	N/A	N/A		
140		Real Time Spinning Reserve Amount	N/A	N/A		
141		Spinning Reserve Cost Distribution Amount	N/A	N/A		
142		Day Ahead Supplemental Reserve Amount	N/A	N/A		
143		Real Time Supplemental Reserve Amount	N/A	N/A		
144		Supplemental Reserve Cost Distribution Amount	N/A	N/A		
145		Contingency Reserve Deployment Failure Charge Amount	N/A	N/A		
146		Real Time Excessive Deficient Energy Deployment Charge Amount	N/A	N/A		
147		Short-Term Reserve Deployment Failure Charge Amount	N/A	N/A		
148		Net Regulation Adjustment Amount	N/A	N/A		
149		Total MISO ASM				
150						
151		Total Wholesale Market Charges				
152						
153						
154	Purcha	sed Power				
155			[PROTECTED DAT	A BEGINS		
156		Edgeley PPA				
157		Langdon PPA				
158		Ashtabula III PPA		I		
159		Tribal (WAPA)		I		Not Applicable to EAR - Excluded from Total
160		WAPA Energy Imbalance				
161		Shared Loads		T		
162		Small Co-gen		T		
163		Bilateral purchases		T		
164		Market Purchases	_	T		MISO and SPP Energy Only
165			PRC	TECTED DATA EN	NDS]	
166		Total Purchases	254,606	291,098		Tribal (WAPA) excluded from Total
167						` '
168	Wind C	urtailment	(112)	725		
169			,,			
170	Asset E	Based Sales	(2,866)	(38,882)		Credit to MN FCA Calculation - Subtracted from Total
			(=,000)	(22,302)		Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
171		Fuel Costs				Based Sales
F						Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
172		Asset Based Margins				Based Sales
173		, 10001 Dabou maryllio				
174	Steam	Plant Reagents		-		Effective July 2022 - Docket No. E017/GR-20-719
175	Otealli	ium rougono	-			Emocard day Local Dooker No. Control 20-110
176	Steam	Water Sales		_		Effective July 2022 - Docket No. E017/GR-20-719
177	oteam/	Water Sales		-		Ellective July 2022 - Docket No. E017/GN-20-719
178	Dlannin	g Resource Auction Revenues				Effective June 2022
179	riaiifilif	A Legonice Profilit Leagings				Lincolly Guillo ZUZZ
180	Total C	ystem - Plant Level	597.480	607.096		Tribal (WAPA) excluded from Total: Asset Based Sales subtracted from Total
				007,096		i rribar (vvar-a) excluded irotti. Fotal, Asset based Sales subtracted from Total

I			December 2024 F	orecast to Actual	- \$ per MW	h
			December 2024 Forecast	December 2024 Actual		Notes
Line		eneration	[PROTECTED DATA			
2		Big Stone Coyote	_			
3				PROTECTED DA	A ENDS	
5		Total Coal	\$ 25.33 [PROTECTED DATA			
6 7		Langdon Wind Ashtabula Wind	_	_		
8		Ashtabula III				
9 10		Luverne Wind Merricourt	-	-		
11				PROTECTED DA	A ENDS	
12		Total Wind	\$ -	\$ -		
14		Total Hydro	\$ -	\$ -		
15 16		Jamestown 1	[PROTECTED DATA	BEGINS		
17 18		Jamestown 2		_		
19		Lake Preston		PROTECTED DA	A ENDS]	
20		Total Oil - Peaking Units	\$ - [PROTECTED DATA	\$ -		
22		Natural gas - Solway	-	BEGING		
23 24		Natural gas - Astoria		PROTECTED DA	TA FNDS1	
25		Total Natural Gas	\$ 50.72	\$ 36.32	A ENDO	
26 27		Solar - Blue Jay	[PROTECTED DATA	A BEGINS		
28		Solar - Blue Heron				
29 30		Solar - Hoot Lake		.PROTECTED DA	[A ENDS]	
31		Total Solar	\$ -	0		
32 33		Total OTP-Owned	\$ 76.05	\$ 61.92		
34 35	Wholes	ale Market Charges				
36		MISO Wholesale Market Charges				
37 38	555.02 555.04	DA Asset Energy Amount*** DA FBT Loss Amount	N/A N/A	N/A N/A		
39	555.09	DA Non-asset Energy Amount***	N/A	N/A		
40	555.19 555.24	RT Asset Energy Amount*** RT Distribution of Losses Amount	N/A N/A	N/A N/A		
42	555.21	RT FBT Loss Amount	N/A	N/A		
43 44		DA Loss Amount RT Loss Amount	N/A N/A	N/A N/A		
45 46	555.26	RT Non-Asset Energy Amount*** DA Losses Rebate on Option B GFA	N/A N/A	N/A N/A		
47	555.12	DA Virtual Energy Amount	N/A	N/A		
48 49		RT Virtual Energy Amount DA Mkt Admin Amount	N/A N/A	N/A N/A		
50	555.18	RT Mkt Admin Amount	N/A	N/A		
51 52	555.13 555.03	FTR Mkt Admin Amount DA FBT Congestion Amount	N/A N/A	N/A N/A		
53		DA Congestion	N/A	N/A		
54 55	555.2	RT FBT Congestion Amount RT Congestion	N/A N/A	N/A N/A		
56	555.14	FTR Hourly Allocation Amount	N/A N/A	N/A N/A		
57 58	555.17	FTR Monthly Allocation Amount FTR Yearly Allocation Amount	N/A	N/A		
59 60		FTR Monthly Transaction Amount FTR Full Funding Guarantee Amount	N/A N/A	N/A N/A		
61	555.37	FTR Guarantee Uplift Amount	N/A	N/A		
62	555.39 555.38	FTR Auction Revenue Rights Transaction Amount FTR Annual Transaction Amount	N/A N/A	N/A N/A		
64	555.40	FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A		
65 66		FTR Auction Revenue Rights Stage 2 Distribution Amount DA Congestion Rebate on Option B GFA	N/A N/A	N/A N/A		
67 68	555.1	DA Revenue Sufficiency Guarantee Distribution Amount	N/A N/A	N/A N/A		
69	555.29	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount RT Revenue Sufficiency Guarantee First Pass Distribution Amount	N/A	N/A		
70 71		RT Revenue Sufficiency Guarantee Make Whole Pymt Amount RT Price Volatility Make Whole Payment	N/A N/A	N/A N/A		
72	555.28	RT Revenue Neutrality Uplift Amount	N/A	N/A		
73 74		RT Misc Amount RT Net Inadvertent Amount	N/A N/A	N/A N/A		
75	555.31	RT Uninstructed Deviation Amount	N/A	N/A		
76 77	555.63	RT Demand Response Allocation Uplift Amount DA Ramp Product	N/A N/A	N/A N/A		
78 79	555.64	RT Ramp Product RT Schedule 49 Cost Distribution Amount	N/A N/A	N/A N/A		
80	555.55	RT ASM Non-Excessive Energy Amount***	N/A	N/A		
81 82	555.56	RT ASM Excessive Energy Amount*** DA Congestion Rebate on COGA	N/A N/A	N/A N/A		
83	555.06	DA Losses Rebate on COGA	N/A	N/A		
84 85	555.22 555.23	RT Congestion Rebate on COGA RT Loss Rebate on COGA	N/A N/A	N/A N/A		
86		Net Congestion and Losses Adjustment & No DA Generation Schedule	N/A	N/A		
87 88		Total MISO Wholesale Market Charges				
89 90	-	SPP Wholesale Market Charges				
91	555.19	DA Asset Energy Amount***	N/A	N/A		
92 93	555.03	DA Non-asset Energy Amount RT Asset Energy Amount***	N/A N/A	N/A N/A		
94	555	RT Non-Asset Energy Amount	N/A	N/A		
95 96		DA Make-Whole-Payment Distribution Amount RT Make-Whole-Payment Distribution Amount	N/A N/A	N/A N/A		
97	555.18	RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A		
98 99	555.15 555.04	RT Revenue Neutrality Uplift Distribution Amount DA Regulation-Down Distribution Amount	N/A N/A	N/A N/A		
100	555.05	DA Regulation-Up Distribution Amount	N/A	N/A		
101 102	555.07	DA Spinning Reserve Distribution Amount DA Supplemental Reserve Distribution Amount	N/A N/A	N/A N/A		
103 104	555.08	RT Contingency Reserve Deployment Failure Amount RT Over-Collected Losses Distribution Amount	N/A N/A	N/A N/A		
105	555.12	RT Regulation-Down Distribution Amount	N/A	N/A		
106 107	555.13	RT Regulation Non-Performance Distribution Amount RT Regulation-Up Distribution Amount	N/A N/A	N/A N/A		
108	555.16	RT Spinning Reserve Distribution Amount	N/A	N/A		
109 110		RT Supplemental Reserve Distribution Amount RT Pseudo Tie Congestion Amount	N/A N/A	N/A N/A		
111	555.21	RT Pseudo Tie Loss Amount	N/A	N/A		
112	555.23 555.26	Miscellaneous Amount ARR Closeout Yearly Amount	N/A N/A	N/A N/A		
114	555.28	RT Demand Reduction Distribution Amount	N/A	N/A		
115 116		RT Schedule 1A3 Amount RT Schedule 1A4 Amount	N/A N/A	N/A N/A		
117	555.31	DA Ramp Up Distribution Amount	N/A	N/A		New charge type in 2022
119	555.33	DA Ramp Down Distribution Amount RT Ramp Non Performance Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022 New charge type in 2022
120 121	555.34	RT Ramp Up Distribution Amount RT Ramp Down Distribution Amount	N/A N/A	N/A N/A		New charge type in 2022 New charge type in 2022
122	555.01	DA GFA Carve Out Distribution Deployment Daily Amount	N/A	N/A		THOM OTHERS TYPE III EVEL
123		DA GFA Carve Out Distribution Deployment Monthly Amount	N/A	N/A		

124	555.27 DA GFA Carve Out Distribution Deployment Yearly Amount	N/A	N/A		
125	Total SPP Wholesale Market Charges	1975	1973		
126	Total of F Wholesale market onarges				
127	MISO ASM				
	Day Ahead Regulation Amount	\$1/A	A1/A		
128 129		N/A	N/A N/A		
	Real Time Regulation Amount	N/A			
130	Regulation Cost Distribution Amount	N/A	N/A		
131	Day Ahead Short-Term Reserve Amount	N/A	N/A		
132	Real Time Short-Term Reserve Amount	N/A	N/A		
133	Short-Term Reserve Cost Distribution Amount	N/A	N/A		
134	Day Ahead Spinning Reserve Amount	N/A	N/A		
135	Real Time Spinning Reserve Amount	N/A	N/A		
136	Spinning Reserve Cost Distribution Amount	N/A	N/A		
137	Day Ahead Supplemental Reserve Amount	N/A	N/A		
138	Real Time Supplemental Reserve Amount	N/A	N/A		
139	Supplemental Reserve Cost Distribution Amount	N/A	N/A		
140	Contingency Reserve Deployment Failure Charge Amount	N/A	N/A		
141	Real Time Excessive Deficient Energy Deployment Charge Amount	N/A	N/A		
142	Short-Term Reserve Deployment Failure Charge Amount	N/A	N/A		
143	Net Regulation Adjustment Amount	N/A	N/A		
144	Total MISO ASM	1471	1471		
145	Total MISO ASM				
146	Total Wholesale Market Charges				
147	Total Wildiesale market Charges				
148					
149	Purchased Power	DDOTEOTED DAT	DECINO		
150		PROTECTED DATA	A BEGINS		
151	Edgeley PPA	-			
152	Langdon PPA	_			
153	Ashtabula III PPA	_	_		
154	Tribal (WAPA)	_			Not Applicable to EAR - Excluded from Total
155	WAPA Energy Imbalance	_			
156	Shared Loads	_			
157	Small Co-gen				
158	Bilateral purchases	_	-		
159	Market Purchases	-			MISO and SPP Energy Only
160			PROTECTED DAT	A ENDS1	
161	Total Purchases				Tribal (WAPA) excluded from Total
162	Total Taronadoo	42.00	V 01.14		Thou (TTATA) oxological from Four
163	Wind Curtailment	\$ (72.15)	\$ 39.19		
164	Wild Sultaillient	ų (72.13)	9 00.10		
165	Asset Based Sales	\$ 55.63	\$ 46.76		
100	Asset based Sales	a 55.63	\$ 46.76		5 10 11889 114 1 1889 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
400	5 10 1				Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
166	Fuel Costs	N/A	N/A		Based Sales
					Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
167	Asset Based Margins	N/A	N/A		Based Sales
168					
169	Steam Plant Reagents	N/A	N/A		Effective July 2022 - Docket No. E017/GR-20-719
170					
171	Steam/Water Sales	N/A	N/A		Effective July 2022 - Docket No. E017/GR-20-719
172		·			
173	Planning Resource Auction Revenues	N/A	N/A		Effective June 2022
174		1471	7471		
175	Total System - Plant Level	\$ 28.29	\$ 27.37		Tribal (WAPA) excluded from Total: Asset Based Sales subtracted from Total
173	Total Oyatalii - I laik Lavai	20.29	₹ Z1.31	-	Tribai (**Ai A) excidued from Total, Asset Dased Sales Subtracted from Total
				l	

				- D-4- 0004 5		(D- · · · · · ·	
ŀ			YTD 2024	Date 2024 Forec	ast to Actual - Ex	pense (Revenue)	
Line	Plant G	eneration	Forecast [PROTECTED DATA	YTD 2024 Actual BEGINS			Notes
1 2		Big Stone Coyote	_			<u> </u>	
3		Hoot Lake #2	_			Ε.	Hoot Lake plant closed in May 2021
4 5		Hoot Lake #3				TED DATA ENDS]	
6 7		Total Coal	\$ 50,025,631 [PROTECTED DATA	\$ 45,963,914 BEGINS	\$ (4,061,716)	-8.12%	
8		Langdon Wind Ashtabula Wind				` -	
10		Luverne Wind Merricourt	_			<u> </u>	
12				_		TED DATA ENDS]	
13 14		Total Wind			\$ -	0	
15 16		Total Hydro	\$ - [PROTECTED DATA	\$ - BEGINS	\$ -	0	
17 18		Jamestown 1 Jamestown 2	-			· +	
19 20		Lake Preston			PROTECT	TED DATA ENDS]	
21		Total Oil - Peaking Units					
22 23		Natural gas - Solway	[PROTECTED DATA	BEGINS			
24 25		Natural gas - Astoria			PROTECT	TED DATA ENDS]	
26 27		Total Natural Gas	\$ 9,759,675 [PROTECTED DATA	\$ 14,787,317 BEGINS	\$ 5,027,642	51.51%	
28		Solar - Blue Jay Solar - Blue Heron	-			· _	
30		Solar - Hoot Lake	-				
31 32		Total Solar	\$ -	\$ -	PROTECT	TED DATA ENDS]	
33 34		Total OTP-Owned	\$ 60,328,482	\$ 60,945,162	\$ 616,680	1.02%	
35 36	Wholes	ale Market Charges	,, ,,	, ,-	,		
37		MISO Wholesale Market Charges	•	¢	ę	0	Energy Amounts - included/ambedded within Market Descharge
38	555.04	DA Asset Energy Amount*** DA FBT Loss Amount	\$ -	\$ -	\$ - \$ -	0	Energy Amounts - included/embedded within Market Purchases
40 41	555.19	DA Non-asset Energy Amount*** RT Asset Energy Amount***	\$ -		\$ - \$ -	0	Energy Amounts - included/embedded within Market Purchases Energy Amounts - included/embedded within Market Purchases
42 43	555.24	RT Distribution of Losses Amount RT FBT Loss Amount	\$ (4,139,337) \$ -	\$ (2,461,080) \$ -	\$ 1,678,257 \$ -	-40.54% 0	
44 45		DA Loss Amount RT Loss Amount	\$ 10,467,937 \$ 598,952	\$ 6,686,297	\$ (3,781,641)	-36.13% -15.96%	
46	555.26	RT Non-Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
47 48		DA Losses Rebate on Option B GFA DA Virtual Energy Amount			\$ -	0	
49 50		RT Virtual Energy Amount DA Mkt Admin Amount	\$ - \$ 798,298		\$ - \$ 6,921	0.87%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
51 52	555.18	RT Mkt Admin Amount FTR Mkt Admin Amount	\$ 124,628 \$ 24,495	\$ 108,244	\$ (16,385)		Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
53		DA FBT Congestion Amount	\$ -	\$ -	\$ -	0	Excluded from Fotal whole writings walket offarges - Not will EAR Applicable
54 55	555.20	DA Congestion RT FBT Congestion Amount		\$ -	\$ -	-35.55% 0	
56 57	555.14	RT Congestion FTR Hourly Allocation Amount	\$ 3,315,465 \$ (36,664,271)			-57.09% 11.69%	
58 59		FTR Monthly Allocation Amount FTR Yearly Allocation Amount	\$ (897,782) \$ (296,474)			18.98% 89.78%	
60 61	555.35	FTR Monthly Transaction Amount FTR Full Funding Guarantee Amount	\$ - \$ (68,971)	\$ -	\$ -	0	
62	555.37	FTR Guarantee Uplift Amount	\$ 71,986 \$ (46,232,024)	\$ 350,646	\$ 278,660	387.10% 12.46%	
64	555.38	FTR Auction Revenue Rights Transaction Amount FTR Annual Transaction Amount	\$ 46,159,237	\$ 49,913,421	\$ 3,754,184	8.13%	
65 66	555.40 555.41	FTR Auction Revenue Rights Infeasible Uplift Amount FTR Auction Revenue Rights Stage 2 Distribution Amount	\$ 170,074 \$ (962,327)			-16.74% 147.42%	
67 68		DA Congestion Rebate on Option B GFA DA Revenue Sufficiency Guarantee Distribution Amount	\$ (0) \$ 195,528	\$ - \$ 110,681	\$ 0 \$ (84,847)	-100.00% -43.39%	
69 70	555.11	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount RT Revenue Sufficiency Guarantee First Pass Distribution Amount	\$ (141,531) \$ 636,982	\$ (62,496)	\$ 79,035	-55.84%	
71	555.30	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (2,749,427)	\$ -	\$ 2,749,427	-100.00%	
72 73	555.28	RT Price Volatility Make Whole Payment RT Revenue Neutrality Uplift Amount	\$ (666,508) \$ 1,413,707	\$ 1,700,473	\$ 286,766	-44.69% 20.28%	
74 75	555.27	RT Misc Amount RT Net Inadvertent Amount	\$ 81,297 \$ 2,038			-874.65% -1250.94%	
76 77		RT Uninstructed Deviation Amount RT Demand Response Allocation Uplift Amount	\$ - \$ 261,536		\$ -	-76.16%	
78 79	555.63	DA Ramp Product RT Ramp Product	\$ (32,056) \$ (13,003)	\$ (133,647)	\$ (101,591)		
80	555.65	RT Schedule 49 Cost Distribution Amount	\$ 179,689	\$ 262,553	\$ 82,863	46.11%	Energy Amounts included/ambedded within Market Durch
81 82	555.56	RT ASM Non-Excessive Energy Amount*** RT ASM Excessive Energy Amount***		\$ -	\$ - \$ -	0	Energy Amounts - included/embedded within Market Purchases Energy Amounts - included/embedded within Market Purchases
83 84	555.06	DA Congestion Rebate on COGA DA Losses Rebate on COGA		\$ - \$ -	\$ -	0	
85 86	555.22	RT Congestion Rebate on COGA RT Loss Rebate on COGA	\$ -	\$ -	\$ - \$ -	0	
87 88		Net Congestion and Losses Adjustment & No DA Generation Schedul		\$ (5,368,265)	\$ (5,368,265)		
89		Total MISO Wholesale Market Charges	\$ 1,014,750	\$ (25,670,893)	\$ (26,685,643)	-2629.77%	Total Excludes Schedule 16 and 17 (Lines 40, 41, 42 Above)
90 91		SPP Wholesale Market Charges					
92 93	555.03	DA Asset Energy Amount*** DA Non-asset Energy Amount	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
94 95	555.09	RT Asset Energy Amount*** RT Non-Asset Energy Amount	\$ -	\$ -	\$ - \$ -	0	Energy Amounts - included/embedded within Market Purchases
96	555.02	DA Make-Whole-Payment Distribution Amount	\$ -	\$ -	\$ -	0	
97 98	555.18	RT Make-Whole-Payment Distribution Amount RT Revenue Sufficiency Guarantee Distribution Amount	\$ -	\$ -	\$ -	-95.76% 0	
99 100	555.04	RT Revenue Neutrality Uplift Distribution Amount DA Regulation-Down Distribution Amount	\$ 2,970 \$ 198	\$ 49	\$ (149)	-88.48% -75.31%	
101 102	555.05 555.06	DA Regulation-Up Distribution Amount DA Spinning Reserve Distribution Amount	\$ 738 \$ 892	\$ 97		-86.90%	
103	555.07	DA Supplemental Reserve Distribution Amount RT Contingency Reserve Deployment Failure Amount	\$ 127 \$ (23)	\$ 14	\$ (113)		
105	555.11	RT Over-Collected Losses Distribution Amount	\$ (366,563)	\$ (115,404)	\$ 251,159	-68.52%	
106 107	555.13	RT Regulation-Down Distribution Amount RT Regulation Non-Performance Distribution Amount	\$ 36 \$ (26)	\$ (8)	\$ 19	-71.29%	
108 109	555.14 555.16	RT Regulation-Up Distribution Amount RT Spinning Reserve Distribution Amount	\$ (37) \$ (12)	\$ (4)	\$ 33 \$ 12	-104.68%	
110	555.17	RT Supplemental Reserve Distribution Amount RT Pseudo Tie Congestion Amount	\$ (37) \$ (1,062,297)	\$ (2)	\$ 35	-95.69%	
112	555.21	RT Pseudo Tie Loss Amount	\$ (247,718)	\$ 62,279	\$ 309,997	-125.14%	
113 114	555.26	Miscellaneous Amount ARR Closeout Yearly Amount	\$ (30) \$ (138,686)	\$ (267,888)	\$ (129,202)	93.16%	
115 116	555.29	RT Demand Reduction Distribution Amount RT Schedule 1A3 Amount	\$ 1 \$ 89	\$ 15	\$ (75)		
117 118	555.30 555.31	RT Schedule 1A4 Amount DA Ramp Up Distribution Amount	\$ 438 \$ 888		\$ (392) \$ (883)	-89.48% -99.39%	New charge type in 2022
119 120	555.32	DA Ramp Down Distribution Amount RT Ramp Non Performance Distribution Amount	\$ - \$ (11)	\$ -	\$ -	0	New charge type in 2022 New charge type in 2022
121	555.34	RT Ramp Up Distribution Amount	\$ (54)	\$ (0)	\$ 54	-99.69%	New charge type in 2022
122 123		RT Ramp Down Distribution Amount ArrAucTxnAoAmt	\$ (10) \$ -	\$ - \$ (719,930)	\$ 10 \$ (719,930)		New charge type in 2022
							

124 125 126 127	SSS OZ DILIDDD: IA A I				(70)	•	(7)		
126	555.37 RtURDDistAoAmt	\$		\$	(7)		(7)	04.700/	
	555.01 DA GFA Carve Out Distribution Deployment Daily Amount 555.22 DA GFA Carve Out Distribution Deployment Monthly Amount	\$	333		27		(305)	-91.78% -97.80%	
		\$	(2)		(0)		2		
	555.27 DA GFA Carve Out Distribution Deployment Yearly Amount		(38)		(23)		15	-39.83%	
128 129	Total SPP Wholesale Market Charges	\$	(1,795,531)	\$	(962,525)	\$	833,006	-46.39%	
	WOO LOW								
130	MISO ASM	_	(_		_			
131	Day Ahead Regulation Amount	\$	(320,318)		(737,385)		(417,067)	130.20%	
132	Real Time Regulation Amount	\$	(64,779)		(267,836)		(203,057)	313.46%	
133	Regulation Cost Distribution Amount	\$	261,518		289,498		27,980	10.70%	
134	Day Ahead Short-Term Reserve Amount	\$	(173,486)		(788,050)		(614,564)	354.25%	
135	Real Time Short-Term Reserve Amount	\$	(40,546)		(6,022)		34,524	-85.15%	
136	Short-Term Reserve Cost Distribution Amount	\$	145,097		331,781		186,684	128.66%	
137	Day Ahead Spinning Reserve Amount	\$	(405,291)		(404,491)		800	-0.20%	
138	Real Time Spinning Reserve Amount	\$	(522)		15,847		16,370	-3133.13%	
139	Spinning Reserve Cost Distribution Amount	\$	239,760		207,020		(32,740)	-13.66%	
140	Day Ahead Supplemental Reserve Amount	\$	(310,404)		(237,623)		72,782	-23.45%	
141	Real Time Supplemental Reserve Amount	\$	220,155		17,428		(202,727)	-92.08%	
142	Supplemental Reserve Cost Distribution Amount	\$	43,658		35,483		(8,175)	-18.73%	
143	Contingency Reserve Deployment Failure Charge Amount	\$	40,879			\$	(40,879)	-100.00%	
144	Real Time Excessive Deficient Energy Deployment Charge Amount	\$	23,129	\$	90,274	\$	67,145	290.31%	
145	Short-Term Reserve Deployment Failure Charge Amount	\$		\$	1,926	\$	1,926	0	
146	Net Regulation Adjustment Amount	\$	12,188	\$	51,144	\$	38,956	319.62%	
147	Total MISO ASM	\$	(328,963)	\$	(1,401,005)	\$	(1,072,043)	325.89%	
148									
149	Total Wholesale Market Charges	\$	(1,109,744)	\$	(28,034,423)	\$	(26,924,680)	2426.21%	
150									
151									
152	Purchased Power								
153		[PRO	TECTED DATA	BE	EGINS				
154	Edgeley PPA								
155	Langdon PPA	Г							
156	Ashtabula III PPA	Г							
157	Tribal (WAPA)	Г							Not Applicable to EAR - Excluded from Total
158	WAPA Energy Imbalance	Г							
159	Shared Loads								
160	Small Co-gen								
161	Bilateral purchases								
162	Market Purchases								MISO and SPP Energy Only
163							PROTECT	ED DATA ENDS1	The state of the s
	Total Purchases	\$	98,478,855	\$	79,571,492	\$		-19.20%	Tribal (WAPA) excluded from Total
164		Γ	., .,	Ė	.,. ,	Ė			
				-	470 404	-	59.812	50.11%	
165	Wind Curtailment	\$	119,370	5	179,181	- 5			
165 166	Wind Curtailment	\$	119,370	\$	1/9,181	\$	33,012	30.11/6	
165 166 167	Wind Curtailment Asset Based Sales	\$ \$			- '		517,161	-9.50%	Credit to MN FCA Calculation - Subtracted from Total
165 166 167 168	Asset Based Sales	\$	(5,445,446)	\$	(4,928,286)	\$	517,161	-9.50%	Credit to MN FCA Calculation - Subtracted from Total
165 166 167 168 169	Asset Based Sales Fuel Costs		(5,445,446) (2,492,567)	\$	(4,928,286) (7,296,914)	\$	517,161 (4,804,347)	-9.50% 192.75%	Credit to MN FCA Calculation - Subtracted from Total
165 166 167 168 169 170	Asset Based Sales	\$	(5,445,446)	\$	(4,928,286)	\$	517,161	-9.50%	Credit to MN FCA Calculation - Subtracted from Total
165 166 167 168 169 170	Asset Based Sales Fuel Costs Asset Based Margins	\$ \$ \$	(5,445,446) (2,492,567) (2,952,880)	\$	(4,928,286) (7,296,914) 2,368,628	\$	517,161 (4,804,347) 5,321,508	-9.50% 192.75% -180.21%	
165 166 167 168 169 170 171 172	Asset Based Sales Fuel Costs	\$	(5,445,446) (2,492,567)	\$	(4,928,286) (7,296,914) 2,368,628	\$	517,161 (4,804,347) 5,321,508	-9.50% 192.75% -180.21%	Credit to MN FCA Calculation - Subtracted from Total Effective January 2023
165 166 167 168 169 170 171 172 173	Asset Based Sales Fuel Costs Asset Based Margins Hoot Lake Solar Generation Credit	\$ \$ \$	(5,445,446) (2,492,567) (2,952,880) (3,515,483)	\$ \$	(4,928,286) (7,296,914) 2,368,628 (2,436,877)	\$ \$	517,161 (4,804,347) 5,321,508 1,078,607	-9.50% 192.75% -180.21% \$ (0)	Effective January 2023
165 166 167 168 169 170 171 172 173 174	Asset Based Sales Fuel Costs Asset Based Margins	\$ \$ \$	(5,445,446) (2,492,567) (2,952,880)	\$ \$	(4,928,286) (7,296,914) 2,368,628	\$ \$	517,161 (4,804,347) 5,321,508	-9.50% 192.75% -180.21%	
165 166 167 168 169 170 171 172 173 174 175	Asset Based Sales Fuel Costs Asset Based Margins Hoot Lake Solar Generation Credit Steam Plant Reagents	\$ \$	(5,445,446) (2,492,567) (2,952,880) (3,515,483) 2,404,668	\$ \$	(4,928,286) (7,296,914) 2,368,628 (2,436,877) 2,935,909	\$ \$ \$	517,161 (4,804,347) 5,321,508 1,078,607 531,241	-9.50% 192.75% -180.21% \$ (0) 22.09%	Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719
165 166 167 168 169 170 171 172 173 174 175 176	Asset Based Sales Fuel Costs Asset Based Margins Hoot Lake Solar Generation Credit	\$ \$ \$	(5,445,446) (2,492,567) (2,952,880) (3,515,483)	\$ \$	(4,928,286) (7,296,914) 2,368,628 (2,436,877)	\$ \$ \$	517,161 (4,804,347) 5,321,508 1,078,607	-9.50% 192.75% -180.21% \$ (0)	Effective January 2023
165 166 167 168 169 170 171 172 173 174 175 176	Asset Based Sales Fuel Costs Asset Based Margins Hoot Lake Solar Generation Credit Steam Plant Reagents SteamWater Sales	\$ \$	(5,445,446) (2,492,567) (2,952,880) (3,515,483) 2,404,668 (1,184,008)	\$ \$ \$ \$	(4,928,286) (7,296,914) 2,368,628 (2,436,877) 2,935,909 (1,046,742)	\$ \$ \$ \$	517,161 (4,804,347) 5,321,508 1,078,607 531,241 137,266	-9.50% 192.75% -180.21% \$ (0) 22.09%	Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719
165 166 167 168 169 170 171 172 173 174 175 176 177	Asset Based Sales Fuel Costs Asset Based Margins Hoot Lake Solar Generation Credit Steam Plant Reagents	\$ \$	(5,445,446) (2,492,567) (2,952,880) (3,515,483) 2,404,668	\$ \$	(4,928,286) (7,296,914) 2,368,628 (2,436,877) 2,935,909	\$ \$ \$ \$	517,161 (4,804,347) 5,321,508 1,078,607 531,241	-9.50% 192.75% -180.21% \$ (0) 22.09%	Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719
165 166 167 168 169 170 171 172 173 174 175 176	Asset Based Sales Fuel Costs Asset Based Margins Hoot Lake Solar Generation Credit Steam Plant Reagents SteamWater Sales	\$ \$	(5,445,446) (2,492,567) (2,952,880) (3,515,483) 2,404,668 (1,184,008)	\$ \$ \$ \$ \$	(4,928,286) (7,296,914) 2,368,628 (2,436,877) 2,935,909 (1,046,742)	\$ \$ \$ \$	517,161 (4,804,347) 5,321,508 1,078,607 531,241 137,266 (471,406)	-9.50% 192.75% -180.21% \$ (0) 22.09%	Effective January 2023 Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719

^{***} These energy related charge types are reported in Market Purchases

			Year to Date 20 YTD 2024	24 Forecast to Ac	tual -	MWh
Line	Plant C	eneration	Forecast [PROTECTED DATA	YTD 2024 Actual		Notes
1		Big Stone				
3		Coyote Hoot Lake #2				Hoot Lake plant closed in May 2021
5		Hoot Lake #3	PR	TECTED DATA E	NDS]	
6 7		Total Coal	1,982,100 [PROTECTED DAT			
8		Langdon Wind Ashtabula Wind	_	, , , , , , , , , , , , , , , , , , , ,		
10		Ashtabula III				
11 12		Luverne Wind Merricourt	_			
13 14		Total Wind	PR	1,037,092	NDS]	
15 16		Total Hydro	20,000	9,592		
17			[PROTECTED DAT	A BEGINS		
18 19		Jamestown 1 Jamestown 2				
20 21		Lake Preston	PR	TECTED DATA E	NDS]	
22		Total Oil - Peaking Units	2,471 [PROTECTED DAT			
24 25		Natural gas - Solway Natural gas - Astoria	_			
26 27				TECTED DATA E		
28		Total Natural Gas	241,349 [PROTECTED DAT			
29 30		Solar - Blue Jay Solar - Blue Heron	_			
31 32		Solar - Hoot Lake Red Lake Falls Area SB Solar	_			
33 34		Karlstad Area SB Solar Crookston Area SB Solar				
35			PR	TECTED DATA E	NDS]	
36 37		Total Solar		72,478		
38 39		Total OTP-Owned	3,467,141	3,290,425		
40 41	Wholes	ale Market Charges MISO Wholesale Market Charges				
42	555.02	DA Asset Energy Amount*** DA FBT Loss Amount	N/A N/A	N/A N/A		
44	555.09	DA Non-asset Energy Amount***	N/A	N/A		
45 46	555.24	RT Asset Energy Amount*** RT Distribution of Losses Amount	N/A N/A	N/A N/A		
47 48	555.21	RT FBT Loss Amount DA Loss Amount	N/A N/A	N/A N/A		
49 50		RT Loss Amount RT Non-Asset Energy Amount***	N/A N/A	N/A N/A		
51	555.08	DA Losses Rebate on Option B GFA	N/A	N/A		
52 53	555.32	DA Virtual Energy Amount RT Virtual Energy Amount	N/A N/A	N/A N/A		
54 55	555.01 555.18	DA Mkt Admin Amount RT Mkt Admin Amount	N/A N/A	N/A N/A		
56 57		FTR Mkt Admin Amount DA FBT Congestion Amount	N/A N/A	N/A N/A		
58 59		DA Congestion RT FBT Congestion Amount	N/A N/A	N/A N/A		
60		RT Congestion	N/A	N/A		
61 62		FTR Hourly Allocation Amount FTR Monthly Allocation Amount	N/A N/A	N/A N/A		
63 64	555.17	FTR Yearly Allocation Amount FTR Monthly Transaction Amount	N/A N/A	N/A N/A		
65 66	555.36	FTR Full Funding Guarantee Amount FTR Guarantee Uplift Amount	N/A N/A	N/A N/A		
67	555.39	FTR Auction Revenue Rights Transaction Amount	N/A	N/A		
68 69	555.40	FTR Annual Transaction Amount FTR Auction Revenue Rights Infeasible Uplift Amount	N/A N/A	N/A N/A		
70 71	555.07	FTR Auction Revenue Rights Stage 2 Distribution Amount DA Congestion Rebate on Option B GFA	N/A N/A	N/A N/A		
72 73		DA Revenue Sufficiency Guarantee Distribution Amount DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A N/A	N/A N/A		
74 75	555.29	RT Revenue Sufficiency Guarantee First Pass Distribution Amount RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A N/A	N/A N/A		
76	555.42	RT Price Volatility Make Whole Payment	N/A	N/A		
77 78	555.25	RT Revenue Neutrality Uplift Amount RT Misc Amount	N/A N/A	N/A N/A		
79 80	555.31	RT Net Inadvertent Amount RT Uninstructed Deviation Amount	N/A N/A	N/A N/A		
81 82	555.59	RT Demand Response Allocation Uplift Amount DA Ramp Product	N/A N/A	N/A N/A		
83 84	555.64	RT Ramp Product RT Schedule 49 Cost Distribution Amount	N/A N/A	N/A N/A		
85	555.55	RT ASM Non-Excessive Energy Amount***	N/A	N/A		
86 87	555.05	RT ASM Excessive Energy Amount*** DA Congestion Rebate on COGA	N/A N/A	N/A N/A		
88 89	555.22	DA Losses Rebate on COGA RT Congestion Rebate on COGA	N/A N/A	N/A N/A	L	
90	555.23	RT Loss Rebate on COGA Net Congestion and Losses Adjustment & No DA Generation Sche	N/A N/A	N/A N/A		
92 93		Total MISO Wholesale Market Charges	14/5	14/2		
94						
95 96	555.19	SPP Wholesale Market Charges DA Asset Energy Amount***	N/A	N/A		
97 98	555.03	DA Non-asset Energy Amount RT Asset Energy Amount***	N/A N/A	N/A N/A		
99	555	RT Non-Asset Energy Amount	N/A N/A	N/A N/A		
101	555.1	DA Make-Whole-Payment Distribution Amount RT Make-Whole-Payment Distribution Amount	N/A	N/A		
102 103	555.15	RT Revenue Sufficiency Guarantee Distribution Amount RT Revenue Neutrality Uplift Distribution Amount	N/A N/A	N/A N/A		
104 105		DA Regulation-Down Distribution Amount DA Regulation-Up Distribution Amount	N/A N/A	N/A N/A		
106 107	555.06	DA Spinning Reserve Distribution Amount DA Supplemental Reserve Distribution Amount	N/A N/A	N/A N/A		
108	555.08	RT Contingency Reserve Deployment Failure Amount RT Over-Collected Losses Distribution Amount	N/A N/A	N/A N/A		
110	555.12	RT Regulation-Down Distribution Amount	N/A	N/A		
111 112	555.14	RT Regulation Non-Performance Distribution Amount RT Regulation-Up Distribution Amount	N/A N/A	N/A N/A		
113 114	555.16	RT Spinning Reserve Distribution Amount RT Supplemental Reserve Distribution Amount	N/A N/A	N/A N/A		
115	555.2	RT Pseudo Tie Congestion Amount RT Pseudo Tie Loss Amount	N/A N/A	N/A N/A		
117	555.23	Miscellaneous Amount	N/A	N/A		
118 119	555.28	ARR Closeout Yearly Amount RT Demand Reduction Distribution Amount	N/A N/A	N/A N/A		
120 121	555.30	RT Schedule 1A3 Amount RT Schedule 1A4 Amount	N/A N/A			
122 123	555.31	DA Ramp Up Distribution Amount DA Ramp Down Distribution Amount	N/A N/A	N/A		New charge type in 2022 New charge type in 2022
	000.02		19/74	. IN/A		And the control of th

		DTD N D (DIVIN A)			_	lu , , , , , , , , , , , , , , , , , , ,
124		RT Ramp Non Performance Distribution Amount	N/A	N/A		New charge type in 2022
125		RT Ramp Up Distribution Amount	N/A	N/A		New charge type in 2022
126		RT Ramp Down Distribution Amount	N/A	N/A		New charge type in 2022
127		DA GFA Carve Out Distribution Deployment Daily Amount	N/A	N/A		
128		DA GFA Carve Out Distribution Deployment Monthly Amount	N/A	N/A		
129	555.27	DA GFA Carve Out Distribution Deployment Yearly Amount	N/A	N/A		
130		Total SPP Wholesale Market Charges				
131						
132		MISO ASM				
133		Day Ahead Regulation Amount	N/A	N/A		
134		Real Time Regulation Amount	N/A	N/A		
135		Regulation Cost Distribution Amount	N/A	N/A		
136		Day Ahead Short-Term Reserve Amount	N/A	N/A		
137		Real Time Short-Term Reserve Amount	N/A	N/A		
138		Short-Term Reserve Cost Distribution Amount	N/A	N/A		
139		Day Ahead Spinning Reserve Amount	N/A	N/A		
140		Real Time Spinning Reserve Amount	N/A	N/A		
		Spinning Reserve Cost Distribution Amount	N/A	N/A N/A	-	
141				N/A N/A	-	
142		Day Ahead Supplemental Reserve Amount	N/A			
143		Real Time Supplemental Reserve Amount	N/A	N/A		
144		Supplemental Reserve Cost Distribution Amount	N/A	N/A		
145		Contingency Reserve Deployment Failure Charge Amount	N/A	N/A		
146		Real Time Excessive Deficient Energy Deployment Charge Amount	N/A	N/A		
147		Short-Term Reserve Deployment Failure Charge Amount	N/A	N/A		
148		Net Regulation Adjustment Amount	N/A	N/A		
149		Total MISO ASM				
150						
151		Total Wholesale Market Charges				
152						
153						
154	Purcha	sed Power				
155			[PROTECTED DATA	A BEGINS		
156		Edgeley PPA	<u></u>			
157		Lanadon PPA	_			
157		Langdon PPA				
158		Ashtabula III PPA	_			Not Applicable to EAD. Evaluated from Total
158 159		Ashtabula III PPA Tribal (WAPA)	_ _ _			Not Applicable to EAR - Excluded from Total
158 159 160		Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance		- - -		Not Applicable to EAR - Excluded from Total
158 159 160 161		Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads				Not Applicable to EAR - Excluded from Total
158 159 160 161 162		Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-qen				Not Applicable to EAR - Excluded from Total
158 159 160 161 162 163		Ashtabuda III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases		<u>.</u>		
158 159 160 161 162 163 164		Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-qen				Not Applicable to EAR - Excluded from Total MISO and SPP Energy Only
158 159 160 161 162 163 164 165		Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Snall Co-gen Bilateral purchases Market Purchases		DTECTED DATA E	NDS]	MISO and SPP Energy Only
158 159 160 161 162 163 164 165		Ashtabuda III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases	PRC 2,606,498	TECTED DATA E 2,833,445	NDS]	
158 159 160 161 162 163 164 165 166 167		Ashabula III PPA Tibla (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases	2,606,498	2,833,445	NDS]	MISO and SPP Energy Only
158 159 160 161 162 163 164 165 166 167 168		Ashtabula III PPA Tribal (WAPA) WAPA Energy Imbalance Shared Loads Snall Co-gen Bilateral purchases Market Purchases			NDS]	MISO and SPP Energy Only
158 159 160 161 162 163 164 165 166 167		Ashabula III PPA Tibla (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases	2,606,498	2,833,445	NDS]	MISO and SPP Energy Only
158 159 160 161 162 163 164 165 166 167 168	Wind C	Ashabula III PPA Tibla (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases	2,606,498	2,833,445	NDS]	MISO and SPP Energy Only
158 159 160 161 162 163 164 165 166 167 168	Wind C	Ashabula III PPA Tibla (WAPA) WAPA Energy Imbalance Shared Loads Small Co-oen Bilateral purchases Market Purchases Total Purchases urtailment	2,606,498 4,864	2,833,445 4,558	NDS]	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total
158 159 160 161 162 163 164 165 166 167 168 169 170	Wind C	Ashabula III PPA Tibla (WAPA) WAPA Farery Imbalance Shared Loads Small Co-oen Bilateral purchases Market Purchases Total Purchases urtailment Sased Sales	2,606,498 4,864	2,833,445 4,558	NDS]	MISO and SPP Energy Only Tribal (WAPA) excluded from Total
158 159 160 161 162 163 164 165 166 167 168	Wind C	Ashabula III PPA Tibla (WAPA) WAPA Energy Imbalance Shared Loads Small Co-oen Bilateral purchases Market Purchases Total Purchases urtailment	2,606,498 4,864 (79,530)	2,833,445 4,558	NDS]	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
158 159 160 161 162 163 164 165 166 167 168 169 170	Wind C Asset E	Ashabula III PPA Tibal (WAPA) WAPA Farery Imbalance Shared Loads Small Co-oen Bilateral purchases Market Purchases Total Purchases urtailment Sased Sales Fuel Costs	2,606,498 4,864 (79,530)	2,833,445 4,558 (270,902)	NDS]	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
158 159 160 161 162 163 164 165 166 167 168 170 171	Wind C Asset E	Ashabula III PPA Tibla (WAPA) WAPA Farery Imbalance Shared Loads Small Co-oen Bilateral purchases Market Purchases Total Purchases urtailment Sased Sales	2,606,498 4,864 (79,530)	2,833,445 4,558	NDS]	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
158 159 160 161 162 163 164 165 166 167 168 169 170 171	Wind C	Ashabula III PPA Tibla (WAPA) WAPA Energy Imbalance Shared Loads Small Co-pen Bilateral purchases Market Purchases Total Purchases urtailment lased Sales Fuel Costs Asset Based Margins	2,606,498 4,864 (79,530)	2,833,445 4,558 (270,902)	NDS]	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174	Wind C	Ashabula III PPA Tibal (WAPA) WAPA Farery Imbalance Shared Loads Small Co-oen Bilateral purchases Market Purchases Total Purchases urtailment Sased Sales Fuel Costs	2,606,498 4,864 (79,530)	2,833,445 4,558 (270,902)	NDS]	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset
158 159 160 161 162 163 164 165 166 167 168 169 170 171 171 172 173 174 175	Wind C Asset E	Ashabula III PPA Tibal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-oen Bilateral purchases Market Purchases Total Purchases urtailment sased Sales Fuel Costs Asset Based Margins Plant Reagents	2,606,498 4,864 (79,530)	2,833,445 4,558 (270,902)	NDSj	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Effective July 2022 - Docket No. E017/GR-20-719
158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175	Wind C Asset E	Ashabula III PPA Tibla (WAPA) WAPA Energy Imbalance Shared Loads Small Co-pen Bilateral purchases Market Purchases Total Purchases urtailment lased Sales Fuel Costs Asset Based Margins	2,606,498 4,864 (79,530)	2,833,445 4,558 (270,902)	NDS]	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176	Wind C Asset E Steam	Ashabula III PPA Tibla (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtailment Sased Sales Fuel Costs Asset Based Margins Plant Reagents Water Sales Water Sales	2,606,498 4,864 (79,530)	2,833,445 4,558 (270,902)	NDS]	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719
158 159 160 161 162 163 164 165 166 167 170 171 172 173 174 175 176 177 178	Wind C Asset E Steam	Ashabula III PPA Tibal (WAPA) WAPA Energy Imbalance Shared Loads Small Co-oen Bilateral purchases Market Purchases Total Purchases urtailment sased Sales Fuel Costs Asset Based Margins Plant Reagents	2,606,498 4,864 (79,530)	2,833,445 4,558 (270,902)	NDS	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Effective July 2022 - Docket No. E017/GR-20-719
158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176	Wind C Asset E Steam	Ashabula III PPA Tibla (WAPA) WAPA Energy Imbalance Shared Loads Small Co-gen Bilateral purchases Market Purchases Total Purchases urtailment Sased Sales Fuel Costs Asset Based Margins Plant Reagents Water Sales Water Sales	2,606,498 4,864 (79,530)	2,833,445 4,558 (270,902)	NDS]	MISO and SPP Energy Only Tribal (WAPA) excluded from Total Credit to MN FCA Calculation - Subtracted from Total Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Effective July 2022 - Docket No. E017/GR-20-719 Effective July 2022 - Docket No. E017/GR-20-719

F			Year to Date 2024 F YTD 2024	orecast to Actual	- \$ per MV	Wh
			Forecast	YTD 2024 Actual		Notes
Line 1	Plant Generation Big Stone		[PROTECTED DATA	BEGINS		
3	Coyote Hoot Lake #2		_	-		Heat Lake plant elegad in May 2024
4	Hoot Lake #2 Hoot Lake #3			-		Hoot Lake plant closed in May 2021
5 6		Total Coal		PROTECTED DA \$ 28.15	TA ENDS]	
7 8	Langdon Wind		PROTECTED DATA			
9	Ashtabula Wind		-			
10	Ashtabula III Luverne Wind		_			
12	Merricourt		<u>-</u>	PROTECTED DA	TA ENDO	
14		Total Wind	\$ -	\$ -	AENDO	
15 16		Total Hydro	\$ -	\$ -		
17 18	Inmenteur 1		[PROTECTED DATA	BEGINS		
19	Jamestown 1 Jamestown 2		_			
20	Lake Preston			PROTECTED DA	TA ENDS1	
22	Total Oil -	Peaking Units	\$ 219.78 [PROTECTED DATA	\$ 697.08	-	
24	Natural gas - Solway		-	BEGINS		
25 26	Natural gas - Astoria			PROTECTED DA	TA ENDS)	
27 28	Tot	tal Natural Gas	\$ 40.44 [PROTECTED DATA	\$ 27.49	-	
29	Solar - Blue Jay		-	DEGINO		
30 31	Solar - Blue Heron Solar - Hoot Lake		<u> </u>			
32		Total Solar	N/A	PROTECTED DA	TA ENDS]	
34						
35 36		al OTP-Owned	\$ 17.40	\$ 18.52		
37 38	Wholesale Market Charges MISO Wholesale Market Charges					
39	555.02 DA Asset Energy Amount***		N/A	N/A		
40	555.04 DA FBT Loss Amount 555.09 DA Non-asset Energy Amount***		N/A N/A	N/A N/A		
42	555.19 RT Asset Energy Amount*** 555.24 RT Distribution of Losses Amount		N/A N/A	N/A N/A		
44	555.21 RT FBT Loss Amount		N/A	N/A		
45 46	DA Loss Amount RT Loss Amount		N/A N/A	N/A N/A		
47 48	555.26 RT Non-Asset Energy Amount*** 555.08 DA Losses Rebate on Option B GFA		N/A N/A	N/A N/A		
49	555.12 DA Virtual Energy Amount		N/A	N/A		
50 51	555.32 RT Virtual Energy Amount 555.01 DA Mkt Admin Amount		N/A N/A	N/A N/A		
52	555.18 RT Mkt Admin Amount		N/A N/A	N/A N/A		
53 54	555.13 FTR Mkt Admin Amount 555.03 DA FBT Congestion Amount		N/A	N/A		
55 56	DA Congestion 555.2 RT FBT Congestion Amount		N/A N/A	N/A N/A		
57	RT Congestion		N/A N/A	N/A N/A		
58 59	555.14 FTR Hourly Allocation Amount 555.15 FTR Monthly Allocation Amount		N/A	N/A		
60	555.17 FTR Yearly Allocation Amount 555.35 FTR Monthly Transaction Amount		N/A N/A	N/A N/A		
62 63	555.36 FTR Full Funding Guarantee Amount 555.37 FTR Guarantee Uplift Amount		N/A N/A	N/A N/A		
64	555.39 FTR Auction Revenue Rights Transaction Amount		N/A	N/A		
65 66	555.38 FTR Annual Transaction Amount 555.40 FTR Auction Revenue Rights Infeasible Uplift Amount		N/A N/A	N/A N/A		
67	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amour 555.07 DA Congestion Rebate on Option B GFA	nt	N/A N/A	N/A N/A		
69	555.1 DA Revenue Sufficiency Guarantee Distribution Amount		N/A	N/A		
70 71	555.11 DA Revenue Sufficiency Guarantee Make Whole Pymt Al 555.29 RT Revenue Sufficiency Guarantee First Pass Distributio		N/A N/A	N/A N/A		
72 73	555.3 RT Revenue Sufficiency Guarantee Make Whole Pymt Al 555.42 RT Price Volatility Make Whole Payment	mount	N/A N/A	N/A N/A		
74	555.28 RT Revenue Neutrality Uplift Amount		N/A	N/A		
75 76	555.25 RT Misc Amount 555.27 RT Net Inadvertent Amount		N/A N/A	N/A N/A		
77	555.31 RT Uninstructed Deviation Amount		N/A	N/A		
78 79	555.59 RT Demand Response Allocation Uplift Amount 555.63 DA Ramp Product		N/A N/A	N/A N/A		
80 81	555.64 RT Ramp Product 555.65 RT Schedule 49 Cost Distribution Amount		N/A N/A	N/A N/A		
82 83	555.55 RT ASM Non-Excessive Energy Amount*** 555.56 RT ASM Excessive Energy Amount***		N/A N/A	N/A N/A		
84	555.05 DA Congestion Rebate on COGA		N/A	N/A		
85 86	555.06 DA Losses Rebate on COGA 555.22 RT Congestion Rebate on COGA		N/A N/A	N/A N/A		
87 88	555.23 RT Loss Rebate on COGA Net Congestion and Losses Adjustment & No DA Genera	ation Schedule	N/A N/A	N/A N/A		
89			IN/A	IN/A		
90 91	Total MISO Wholesale M	iarket Charges				
92 93	SPP Wholesale Market Charges 555.19 DA Asset Energy Amount***		N/A	N/A		
94	555.03 DA Non-asset Energy Amount		N/A	N/A		
95 96	555.09 RT Asset Energy Amount*** 555 RT Non-Asset Energy Amount		N/A N/A	N/A N/A		
97 98	555.02 DA Make-Whole-Payment Distribution Amount 555.1 RT Make-Whole-Payment Distribution Amount		N/A N/A	N/A N/A		
99	555.18 RT Revenue Sufficiency Guarantee Distribution Amount		N/A	N/A		
100	555.15 RT Revenue Neutrality Uplift Distribution Amount 555.04 DA Regulation-Down Distribution Amount		N/A N/A	N/A N/A		
102	555.05 DA Regulation-Up Distribution Amount 555.06 DA Spinning Reserve Distribution Amount		N/A N/A	N/A N/A		
104	555.07 DA Supplemental Reserve Distribution Amount		N/A	N/A		
105 106	555.08 RT Contingency Reserve Deployment Failure Amount 555.11 RT Over-Collected Losses Distribution Amount		N/A N/A	N/A N/A		
107 108	555.12 RT Regulation-Down Distribution Amount 555.13 RT Regulation Non-Performance Distribution Amount		N/A N/A	N/A N/A		
109	555.14 RT Regulation-Up Distribution Amount		N/A	N/A		
110 111	555.16 RT Spinning Reserve Distribution Amount 555.17 RT Supplemental Reserve Distribution Amount		N/A N/A	N/A N/A		
112	555.2 RT Pseudo Tie Congestion Amount 555.21 RT Pseudo Tie Loss Amount		N/A N/A	N/A N/A		
114	555.23 Miscellaneous Amount		N/A	N/A		
115 116	555.26 ARR Closeout Yearly Amount 555.28 RT Demand Reduction Distribution Amount		N/A N/A	N/A N/A		
117 118	555.29 RT Schedule 1A3 Amount 555.30 RT Schedule 1A4 Amount		N/A N/A	N/A N/A		
119	555.31 DA Ramp Up Distribution Amount		N/A	N/A		New charge type in 2022
120 121	555.32 DA Ramp Down Distribution Amount 555.33 RT Ramp Non Performance Distribution Amount		N/A N/A	N/A N/A		New charge type in 2022 New charge type in 2022
122 123	555.34 RT Ramp Up Distribution Amount 555.35 RT Ramp Down Distribution Amount		N/A N/A	N/A N/A		New charge type in 2022
123	NT Ramp Down Distribution Amount		n/A	IN/A		New charge type in 2022

126 SSS-10 DA GEA Garma On Distribution Designment Burkh jamounant NA							
156 S5.57 AC SPA Care And Distribution Deployment Yearly Amount Total SPP Wholesals Market Charges	124			N/A	N/A		
Total SPF Wholesale Market Charges							
MISO ASM		555.27		N/A	N/A		
			Total SPP Wholesale Market Charges				
Dig Ahead Regulation Amount	128						
131 Real Time Regulation Amount	129		MISO ASM				
Regulation Cost Distribution Amount	130		Day Ahead Regulation Amount	N/A			
Day Ahead Schort-Term Reserve Amount	131		Real Time Regulation Amount	N/A	N/A		
Day Ahead Schort-Term Reserve Amount	132		Regulation Cost Distribution Amount	N/A	N/A		
Real Time Short-Ferm Reserve Amount			Day Ahead Short-Term Reserve Amount	N/A	N/A		
Short-Term Reserve Cost Distribution Amount				N/A	N/A		
Day Ahead Sprining Reserve Amount	135			N/A	N/A		
Real Time Sprinning Reserve Amount							
Spinning Reserve Cost Distribution Amount							
Day Ahaed Supplemental Reserve Amount							
Real Time Supplemental Reserve Amount							
Supplemental Reserve Cost Distribution Amount							
142 Contingency Reserve Deployment Failure Charge Amount							
143 Real Time Excessive Declorement Charge Amount N/A N/A 144 Short-Term Rever Deployment Charge Amount N/A N/A 145 Net Regulation Adjustment Amount Total MISO ASM 146 Total Wholesale Market Charges 147 Purchased Power 150 Purchased Power 151 Purchased Power 152 Gaplery PPA 153 Edgeldy PPA 154 Lanadon PPA 155 Afribatival RIPPA 156 Afribatival RIPPA 157 WAPA Energy Imbalance 158 Small Co-gen 161 Market Purchases 162 Market Purchases 163 Total Purchases 164 Small Co-gen 165 Mind Curtalment 165 Wind Curtalment 166 Saset Based Sales 167 Asset Based Margins 170 Steam Plant Reagents 171 Steam Plant Reagents 172 Planning Resource Auction Revenues 176 Planning Resource Auction Revenues 177 Planning Resource Auction Revenues 178 Planning Resource Auction Revenues 179 Planning Resource Auction Revenues 170 Planning Resource Auction Revenues 171 Planning Resource Auction Revenues 171 Planning Resource Auction Revenues 172 Planning Resource Auction Revenues 174 Planning Resource Auction Revenues 175 Planning Resource Auction Revenues 176 Planning Resource Auction Revenues 177 Planning Resource Auction Revenues 178 Planning Resour						+	
Short-Term Reserve Deployment Faiture Charge Amount							
Net Regulation Adjustment Amount							
148					N/A		
148			I OTAI MISO ASM				
148							
Second S			Total Wholesale Market Charges				
FROTECTED DATA BEGINS							
Edgeley PPA		Purcha					
				[PROTECTED DATA	BEGINS		
Tribal (WAPA) Not Applicable to EAR - Excluded from Total							
WAPA Energy Imbalance				L			
Shared Loads Shar	156						Not Applicable to EAR - Excluded from Total
Small Co-gen	157						
Bilateral purchases	158						
Market Purchases							
162	160		Bilateral purchases				
	161		Market Purchases	Γ			MISO and SPP Energy Only
165	162				PROTECTED DA	TA ENDS1	
165 Wind Curtalment \$ 24.54 \$ 39.31	163		Total Purchases	\$ 37.78	\$ 28.08		Tribal (WAPA) excluded from Total
166	164						
166		Wind C	urtailment	\$ 24.54	\$ 39.31		
Seed Based Sales \$ 68.47 \$ 18.19 Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales Fuel					7		
Fuel Costs		Accet F	Racad Salac	\$ 68.47	\$ 18.10		
Fuel Costs N/A Based Sales Sues Su	101	Addet	Saseu Gales	9 00.47	ψ 10.13		Fuel Cost MWh and Margin MWH are not congrated - Need to compare total Asset
Steam Plant Reagents N/A N/A Effective July 2022 - Docket No. E017/GR-20-719	168		Final Coets	N/A	N/A		
169	100		Fuel Costs	IN/A	IN/A		
170	400		A			1	
171 Steam Plant Reagents			Asset based margins	N/A	N/A	1	paseu pales
172							
173 Steam/Water Sales N/A N/A Effective July 2022 - Docket No. E017/GR-20-719 174 Image: Control of the control of th		Steam	Plant Reagents	N/A	N/A		Effective July 2022 - Docket No. E01//GR-20-719
174							
175 Planning Resource Auction Revenues N/A N/A Effective June 2022 176		Steam/	Water Sales	N/A	N/A		Effective July 2022 - Docket No. E017/GR-20-719
176							
		Plannir	ng Resource Auction Revenues	N/A	N/A		Effective June 2022
177 Total System - Plant Level \$ 25.02 \$ 18.22 Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total							
·	177	Total S	ystem - Plant Level	\$ 25.02	\$ 18.22	I -	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

Attachment 4

Docket No. E017/AA-23-181

Clean Version of

Tariff Sheet MN 13.01 – Energy Adjustment Rider



Fergus Falls, Minnesota

Page 1 of 4
Eighteenth Revision

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ENERGY ADJUSTMENT RIDER

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this rider.

There shall be added to or deducted from the monthly bill an Energy Adjustment Charge calculated by multiplying the customers applicable monthly billing kilowatt hours (kWh) by the billed Energy Adjustment Factor (EAF) per kWh (rounded to the nearest 0.001ϕ). The Current Period Cost of Energy shall be based upon the forecasted cost of energy for the current month, divided by all forecasted Kilowatt-Hour sales exclusive of intersystem sales for the current month. The applicable adjustment will be applied to each Customer's bill beginning with the first day of the calendar month. The forecasted cost of energy shall be determined based on forecasted information for the following items:

- 1. The forecasted cost of fuel, as recorded in Account 151, used in the Company's generating plants based on the forecasted dispatch of those plants.
- 2. The forecasted energy cost of purchased power included in Account 555 when such energy is purchased on an economic dispatch basis, exclusive of Capacity or Demand charges.
- 3. The forecasted net energy cost of purchases from a qualifying facility, as that term is defined in 18 C.F.R. Part 292 and Minn. Rule 7835.0100, Subp. 19, as amended, whether or not those purchases occur on an economic dispatch basis, and all fuel and purchased energy expenses incurred by the Company over the duration of any Commission-approved contract, as provided for by Minnesota Statutes, Section 216B.1645, except any such expense identified in 216B.1645, subd. 1(1), and subd. 1(2) to satisfy the renewable energy obligations set forth in Minnesota Statutes, Section 216B.1691.
- 4. All forecasted Midwest ISO (MISO) and Southwest Power Pool (SPP) costs and revenues associated with forecasted retail sales that have been authorized by the Commission to flow through this Energy Adjustment Rider and excluding MISO and SPP costs and revenues that are recoverable in base rates, as prescribed in applicable Commission Orders.
- 5. Renewable energy purchased for the TailWinds program is not included in the cost of energy adjustment calculation.



Fergus Falls, Minnesota

Page 2 of 4
Nineteenth Revision

- 6. The forecasted identifiable fuel costs associated with energy purchased for reasons other than in 2 and 3 above.
- 7. Less the forecasted fuel-related costs recovered through intersystem sales.
- 8. Less a credit for forecasted asset-based margins: forecasted revenues minus costs from asset-based wholesale energy and MISO ancillary services market ("ASM") transactions (excluding ancillary services net revenues derived through OTP's FERC-approved Control Area Services Operations Tariff) shall be credited to the cost of energy. The forecasted revenues for this calculation are those received from forecasted sales of excess generation; the forecasted costs are the fuel costs (as defined in FERC Account 501) and energy costs (including MISO costs that are booked to FERC Account 555) and any forecasted transmission costs incurred that are required to make such sales.
- 9. The forecasted costs of reagents for the Company to operate its generating plants in compliance with Federal Environmental Protection Agency rules and regulations.
- 10. The forecasted costs of fuel and reagents resulting from steam and water sales.
- 11. The proceeds from the forecasted revenues from steam and water sales shall be credited to (flow through) the energy adjustment rider.
- 12. Less a credit to provide Minnesota customers the full amount of avoided purchased power costs associated with 100 percent of the Hoot Lake Solar plant output.
- 13. Known MISO Planning Resource Auction capacity costs will be added to the energy adjustment rider or revenues will be credited (flow through) the energy adjustment rider.

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Fergus Falls, Minnesota

Page 3 of 4 Fourth Revision

CLASS ENERGY ADJUSTMENT FACTOR (EAF): A separate EAF will be determined for each customer service category defined by customer class. The EAF for each service category is the sum of the Current Period forecasted Cost of Energy multiplied by the applicable EAF Ratio, and the applicable annual true-up.

Service Category	Section	EAF Ratio
Residential	9.01, 9.02	1.0555
Farm	9.03	1.0281
General Service	10.01, 10.02, 10.03,	1.0461
	10.07	
Large General Service non TOD	10.04, 10.06, 14.03	1.0207
Large General Service TOD – Winter On-Peak	10.05, 10.06, 11.01	1.2673
Large General Service TOD – Winter Shoulder	10.05, 10.06, 11.01	1.1106
Large General Service TOD – Winter Off-Peak	10.05, 10.06, 11.01	0.8499
Large General Service TOD – Summer On-Peak	10.05, 10.06, 11.01	1.2664
Large General Service TOD – Summer Shoulder	10.05, 10.06, 11.01	0.9956
Large General Service TOD – Summer Off-Peak	10.05, 10.06, 11.01	0.6896
Irrigation Service	11.02	0.9250
Outdoor Lighting	11.03, 11.04, 11.07	0.8645
OPA	11.05	1.0210
Controlled Service Deferred Load	14.01, 14.06	0.9513
Controlled Service Interruptible	14.04,	0.9883
Controlled Service Off-Peak	14.07, 14.12	0.9164

Forecasted Class EAF's are published on OTP's website at https://www.otpco.com/pricing.

In addition, subject to Commission approval, there shall be an annual true-up for any amount collected over or under the actual cost of energy for the twelve months ending December 31 of each year as reported in the Annual Automatic Adjustment True-up report to be filed by March 1 following the most recent reporting period. The annual true-up shall be based on a historic twelve-month period, comparing actual costs per kWh to the forecasted costs per kWh and shall be applied to the subsequent twelve months. The annual true-up will be effective on billings beginning the first of the month following Commission approval of the true-up, or as ordered by the Commission. In years when the over- or under-recovery amount is small (resulting in a true-up rate rounded to less than 0.001ϕ), the true-up balance will carry over to the next year's true-up.

Minnesota Public Utilities Commission Section 13.01 ELECTRIC RATE SCHEDULE Energy Adjustment Rider

Fergus Falls, Minnesota

Page 4 of 4 Second Revision

The annual true-up rate for each class shall be calculated as follows. The over- or under-recovery amount as shown in the current year Annual Automatic Adjustment True-up report will be divided by the forecasted Minnesota Kilowatt-Hours subject to the fuel adjustment clause for the proposed twelve month recovery period the true-up rate will be in effect and then multiplied by the applicable EAF ratio. This calculation will produce a true-up rate per Kilowatt-Hour (rounded to the nearest 0.001ϕ) for each class that will be added to or subtracted from the applicable forecasted class EAF's for the months the true-up factor is in effect and applied to Customers' bills as part of the monthly cost of Energy Adjustment Charge.

<u>MANDATORY AND VOLUNTARY RIDERS</u>: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this schedule. See Sections 12.00, 13.00 and 14.00 of the Minnesota electric rates for the matrices of riders.

Docket No. E017/AA-23-181 Attachment 5 Page 1 of 1

Otter Tail Power Company kWh SALES BY PRIMARY ENERGY SOURCE Utilizes kWh Input Docket No. E999/DI-07-1582

Line No.	Based on Period Ending	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24
1	COAL	193,259,955	108,491,055	122,763,637	85,321,103	77,624,029	135,453,556	170,563,701	131,784,125	81,305,552	57,697,576	133,475,669	169,743,907
2	BIOMASS	0	0	0	0	0	0	0	0	0	0	0	0
3	HYDRO	1,221,239	1,306,108	1,111,578	1,003,742	1,047,376	969,087	671,055	657,467	603,737	141,434	133,466	725,012
4	GAS	77,170,439	40,876,432	28,235,310	21,437,703	33,903,169	12,635,321	82,463,348	34,922,683	3,275,275	28,272,365	29,726,432	40,845,479
5	WIND	83,267,687	86,871,961	92,311,945	101,194,429	90,948,448	88,388,118	52,213,453	78,152,531	85,618,479	88,262,787	87,410,202	102,451,503
6	SOLAR	1,878,409	5,481,904	7,033,286	5,707,425	8,068,976	7,785,345	9,503,073	8,084,028	9,125,851	5,904,779	2,349,662	1,559,574
7	FUEL OIL	(767,249)	292,787	0	(15,598)	(14,707)	0	(150,770)	0	(62,324)	(7,642)	0	(52,709)
8	UNKNOWN	253,662,009	250,923,190	239,819,241	255,165,046	226,621,136	197,119,206	172,793,869	188,991,860	215,829,289	283,399,693	261,856,266	291,822,940
9	1-MONTH TOTAL	609,692,489	494,243,437	491,274,997	469,813,850	438,198,427	442,350,633	488,057,729	442,592,694	395,695,859	463,670,992	514,951,697	607,095,706

Otter Tail Power Company ENERGY COST BY PRIMARY ENERGY SOURCE Docket No. E999/DI-07-1582

Line		Based on Period Ending	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24
	FUEL COSTS BY ENE	RGY TYPE:												
1 2 3 4 5 6 7	GENERATION	COAL BIOMASS HYDRO GAS WIND FUEL OIL UNKNOWN	\$4,504,744 \$0 \$0 \$2,765,326 \$0 (\$286,516) \$0	\$3,218,460 \$0 \$0 \$822,995 \$0 \$175,450	\$3,513,239 \$0 \$0 \$608,674 \$0 \$3,230	\$2,230,866 \$0 \$0 \$398,972 \$0 (\$480) \$0	\$2,906,056 \$0 \$0 \$745,974 \$0 \$2,532 \$0	\$4,315,281 \$0 \$0 \$391,386 \$0 \$1,275 \$0	\$4,262,171 \$0 \$0 \$1,883,367 \$0 \$1,997 \$0	\$3,607,732 \$0 \$0 \$742,234 \$0 \$46,891 \$0	\$2,526,473 \$0 \$0 \$114,171 \$0 (\$32,486) \$0	\$2,513,422 \$0 \$0 \$818,228 \$0 \$4,822 \$0	\$4,260,146 \$0 \$0 \$722,932 \$0 \$0	\$4,374,028 \$0 \$0 \$1,475,961 \$0 \$8,693 \$0
8 9 10 11 12 13 14 15	PURCHASES NET	COAL BIOMASS HYDRO GAS WIND SOLAR FUEL OIL UNKNOWN	\$0 \$0 \$0 \$514,364 \$3,455 \$0 \$10,603,181	\$0 \$0 \$0 \$0 \$380,741 \$3,125 \$0 \$6,618,809	\$0 \$0 \$0 \$0 \$429,917 \$8,310 \$0 \$1,766,731	\$0 \$0 \$0 \$0 \$507,826 \$10,571 \$0 (\$213,484)	\$0 \$0 \$0 \$0 \$572,047 \$12,173 \$0 \$3,659,158	\$0 \$0 \$0 \$0 \$335,872 \$12,968 \$0 \$2,602,388	\$0 \$0 \$0 \$0 \$435,830 \$14,368 \$0 \$3,231,084	\$0 \$0 \$0 \$0 \$21,954 \$12,429 \$0 \$3,123,698	\$0 \$0 \$0 \$0 \$421,783 \$10,566 \$0 \$646,446	\$0 \$0 \$0 \$0 \$584,741 \$13,224 \$0 \$2,516,523	\$0 \$0 \$0 \$0 \$505,055 \$6,916 \$0 \$2,936,012	\$0 \$0 \$0 \$0 \$374,836 \$3,315 \$0 \$10,378,830
16		1-MONTH TOTAL	\$18,104,555	\$11,219,580	\$6,330,101	\$2,934,271	\$7,897,939	\$7,659,170	\$9,828,818	\$7,554,937	\$3,686,953	\$6,450,961	\$8,431,061	\$16,615,665
17	RETAIL kWh SALES	1-MONTH TOTAL	568,627,800	536,426,943	485,103,013	506,391,362	437,136,566	405,118,314	446,971,768	455,798,056	450,170,185	406,143,181	450,405,129	509,842,218
18	ACTUAL COST (cents)	/kWh)	3.18390	2.09154	1.30490	0.57945	1.80674	1.89060	2.19898	1.65752	0.81901	1.58835	1.87188	3.25898
	ONE-MONTH COST E BY ENERGY TYPE:													
19 20 21 22 23 24 25	GENERATION	COAL BIOMASS HYDRO GAS WIND FUEL OIL UNKNOWN	0.79221 0.00000 0.00000 0.48632 0.00000 -0.05039 0.00000	0.59998 0.00000 0.00000 0.15342 0.00000 0.03271 0.00000	0.72423 0.00000 0.00000 0.12547 0.00000 0.00067 0.00000	0.44054 0.00000 0.00000 0.07879 0.00000 -0.00009 0.00000	0.66479 0.00000 0.00000 0.17065 0.00000 0.00058 0.00000	1.06519 0.00000 0.00000 0.09661 0.00000 0.00031 0.00000	0.95357 0.00000 0.00000 0.42136 0.00000 0.00045 0.00000	0.79152 0.00000 0.00000 0.16284 0.00000 0.01029 0.00000	0.56123 0.00000 0.00000 0.02536 0.00000 -0.00722 0.00000	0.61885 0.00000 0.00000 0.20146 0.00000 0.00119 0.00000	0.94585 0.00000 0.00000 0.16051 0.00000 0.00000	0.85792 0.00000 0.00000 0.28949 0.00000 0.00171 0.00000
26 27 28 29 30 31 32 33	PURCHASES ACTUAL COST (cents.)	COAL BIOMASS HYDRO GAS WIND SOLAR FUEL OIL UNKNOWN	0.00000 0.00000 0.00000 0.00000 0.09046 0.00061 0.00000 1.86470	0.00000 0.00000 0.00000 0.00000 0.07098 0.00058 0.00000 1.23387	0.00000 0.00000 0.00000 0.00000 0.08862 0.00171 0.00000 0.36420	0.00000 0.00000 0.00000 0.00000 0.10028 0.00209 0.00000 -0.04216	0.00000 0.00000 0.00000 0.00000 0.13086 0.00278 0.00000 0.83707	0.00000 0.00000 0.00000 0.00000 0.08291 0.00320 0.00000 0.64238	0.00000 0.00000 0.00000 0.00000 0.09751 0.00321 0.00000 0.72288	0.00000 0.00000 0.00000 0.00000 0.00482 0.00273 0.00000 0.68532	0.00000 0.00000 0.00000 0.00000 0.09369 0.00235 0.00000 0.14360	0.00000 0.00000 0.00000 0.00000 0.14397 0.00326 0.00000 0.61961	0.00000 0.00000 0.00000 0.00000 0.11213 0.00154 0.00000 0.65186	0.00000 0.00000 0.00000 0.00000 0.07352 0.00065 0.00000 2.03569
34	ACTUAL COST (Cells)	KVVII)	3.16390	2.09134	1.30490	0.57945	1.000/4	1.09000	2.17090	1.00/32	0.01901	1.50055	1.0/100	3.23696

PUBLIC DOCUMENT - NOT PUBLIC (OR PRIVILEGED) DATA HAS BEEN EXCISED

Docket No. E017/AA-23-181

Attachment 7 Page 1 of 2

Response to cost per Mbtu request from Burl Haar Letter of March 31, 2008 - Docket No. E999/DI-07-1582

Source of data: OTP Fuel cost per Million Btus for steam plants

MONTHLY COST COMPONENTS BY FUEL TYPE

January February March April May June July August September October November December

Cost of delivered coal by plant (1) IPROTECTED DATA BEGINS

(1) Effective July 2008 fuel oil burned for generation is included

...PROTECTED DATA ENDS]

Docket No. E017/AA-23-181

Attachment 7 Page 2 of 2

Response to cost per Mbtu request from Burl Haar Letter of March 31, 2008 - Docket No. E999/DI-07-1582 Source of data: OTP Fuel cost per Million Btus for steam plants

MONTHLY COST COMPONENTS BY FUEL TYPE

January February March April May June July August September October November December

Cost of delivered natural gas [PROTECTED DATA BEGINS

... PROTECTED DATA ENDS]

										. PROTECT	ED DATA E	NDS]
Cost of delivered nuclear fuel - not applicable												
Cost of delivered oil												
2008 IC Plants and FF Control Ctr diesel, \$/Mbtu	16.36	16.71	16.79	16.71	0	15.14	18.07	16.50	12.64	17.50	13.79	17.00
2009 IC Plants and FF Control Ctr diesel, \$/Mbtu	13.57	0.00	0.00	12.64	15.36	0.00	0.00	16.79	16.07	16.07	15.79	15.79
2010 IC Plants and FF Control Ctr diesel, \$/Mbtu	16.07	12.64	15.86	16.21	16.00	16.00	0.00	16.14	16.29	16.29	16.21	17.21
2011 IC Plants and FF Control Ctr diesel, \$/Mbtu	17.29	17.29	16.93	0.00	17.00	16.29	13.57	21.21	20.21	17.43	20.21	17.29
2012 IC Plants and FF Control Ctr diesel, \$/Mbtu	17.29	17.29	20.57	20.57	20.57	19.86	19.93	20.93	14.29	22.07	17.93	22.21
2013 IC Plants and FF Control Ctr diesel, \$/Mbtu	19.71	0.00	19.36	17.86	0.00	17.79	0.00	21.36	17.86	17.79	19.00	22.07
2014 IC Plants and FF Control Ctr diesel, \$/Mbtu	21.21	22.14	20.07	19.07	22.14	19.93	21.00	0.00	22.29	19.93	0.00	19.93
2015 IC Plants and FF Control Ctr diesel, \$/Mbtu	19.93	21.64	22.14	14.29	20.50	21.14	21.64	15.93	0.00	16.07	20.65	20.95
2016 IC Plants and FF Control Ctr diesel, \$/Mbtu	0.00	20.62	21.32	18.20	22.14	16.36	22.13	21.15	22.22	20.18	16.15	16.15
2017 IC Plants and FF Control Ctr diesel, \$/Mbtu	0.00	20.37	19.32	16.87	20.19	16.72	20.13	20.17	21.67	21.90	17.28	22.11
2018 IC Plants and FF Control Ctr diesel, \$/Mbtu	20.67	16.15	18.70	22.11	18.42	16.57	20.86	19.42	17.50	20.05	20.05	16.61
2019 IC Plants and FF Control Ctr diesel, \$/Mbtu	18.78	17.74	17.13	17.82	16.80	0.00	0.00	0.00	0.00	17.11	17.81	16.72
2020 IC Plants and FF Control Ctr diesel, \$/Mbtu	17.40	17.05	14.38	15.67	15.69	14.92	15.23	14.65	14.28	14.65	14.54	14.28
2021 IC Plants and FF Control Ctr diesel, \$/Mbtu	14.52	14.86	14.78	14.90	0.00	14.87	14.83	0.00	15.70	15.92	15.73	0.00
2022 IC Plants and FF Control Ctr diesel, \$/Mbtu	15.55	16.03	15.72	15.70	15.97	17.16	18.18	22.72	18.98	18.52	20.80	21.36
2023 IC Plants and FF Control Ctr diesel, \$/Mbtu	20.33	15.71	19.37	20.06	20.12	16.47	17.67	19.71	18.95	19.52	25.98	7.53
2024 IC Plants and FF Control Ctr diesel, \$/Mbtu	18.49	19.66	16.90	20.16	18.91	16.89	19.64	18.91	0.00	18.77	0.00	19.06
Cost of wholesale purchases (\$/MWh) without I	DSG or DNII	charges (2)										
2008 Purchased Power	61.28	74.56	69.65	68.19	39.65	49.85	57.12	52.07	42.47	45.91	49.02	52.47
2009 Purchased Power	59.90	59.86	32.18	26.22	34.01	32.41	32.04	38.92	37.51	44.60	36.69	41.36
2010 Purchased Power	58.11	57.90	49.57	49.04	37.80	33.02	37.69	41.60	40.25	39.47	28.31	33.43
2011 Purchased Power	35.68	35.89	31.89	32.53	38.17	84.70	12.52	48.38	35.39	31.31	26.86	32.18
2012 Purchased Power	31.08	30.72	30.75	25.00	29.55	34.91	38.41	45.41	38.95	28.64	30.13	31.64
2013 Purchased Power	33.82	32.37	31.50	36.33	35.14	30.56	36.22	38.82	47.32	31.31	31.04	39.19
2014 Purchased Power	39.32	48.75	49.66	27.76	48.69	33.97	32.60	29.36	28.60	33.58	33.55	34.85
2015 Purchased Power	38.50	35.43	35.23	28.46	28.50	27.05	28.15	31.51	27.51	27.00	21.91	21.44
2016 Purchased Power	27.88	25.03	23.90	23.15	22.89	24.35	34.24	36.67	29.49	24.10	26.47	27.93
2017 Purchased Power	29.77	25.82	27.00	28.86	28.80	28.26	28.93	26.62	25.05	25.17	31.12	22.29
2018 Purchased Power	36.16	31.00	27.24	29.54	29.23	28.62	38.93	36.53	30.21	28.62	30.66	34.45
2019 Purchased Power	29.84	36.30	34.16	28.04	24.78	22.66	24.02	22.08	27.57	22.86	27.63	24.12
2020 Purchased Power	23.99	26.18	24.00	21.89	18.96	14.65	19.85	20.78	18.99	19.48	12.12	26.77
2021 Purchased Power	24.25	41.25	21.37	15.23	16.15	19.39	32.82	31.97	17.51	32.50	42.46	24.88
2022 Purchased Power	25.76	27.94	28.19	26.27	28.88	36.23	36.56	48.30	52.06	28.94	29.94	45.94
2023 Purchased Power	68.02	30.86	24.59	13.71	5.10	9.46	24.47	23.42	22.61	24.81	26.53	26.14
2024 Purchased Power	44.12	29.67	10.16	2.24	20.38	12.98	-4.65	19.35	8.21	11.86	12.90	37.87
(2) Is not retail	44.12	29.07	10.10	2.24	20.30	12.90	-4.05	19.33	0.21	11.00	12.90	31.01
(2) 15 HOL TELAH												

MISO Module E Data For Otter Tail Power Company As of Janaury 31, 2025

AGGREGATE RESOURCES AS DEFINED BY MISO - Values reflect the Season Accredited Capacity (SAC)

		-												
No.	00 0	Designation	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25
1	Big Stone Plant	OTP.BIGSTON1	256.7	256.7	256.7	238.2	238.2	238.2	199.0	199.0	199.0	263.1	263.1	263.1
2	Coyote Station	OTP.COYOT1	139.3	139.3	139.3	116.9	116.9	116.9	150.9	150.9	150.9	147.5	147.5	147.5
3	FPL Energy ND Wind II	OTP.EDGLYEDGL	2.4	2.4	2.4	3.2	3.2	3.2	6.9	6.9	6.9	2.8	2.8	2.8
6	Jamestown 1	OTP.JAMSPK1	20.9	20.9	20.9	23.0	23.0	23.0	28.2	28.2	28.2	24.3	24.3	24.3
7	Jamestown 2	OTP.JAMSPK2	21.0	21.0	21.0	23.1	23.1	23.1	29.0	29.0	29.0	25.5	25.5	25.5
8	Lake Preston	OTP.HETLA	19.6	19.6	19.6	21.5	21.5	21.5	27.6	27.6	27.6	23.1	23.1	23.1
9	Solway	OTP.SLWAYO1	43.2	43.2	43.2	43.9	43.9	43.9	44.3	44.3	44.3	46.2	46.2	46.2
11	Hoot Lake Solar	OTP.HLSOLAR	26.9	26.9	26.9	25.0	25.0	25.0	2.5	2.5	2.5	25.0	25.0	25.0
LO	CAL RESOURCES AS DEFINED BY	MISO - Values reflect the S	eason Acc	redited Ca	pacity (SA	C)								
No.	Local Resource	Designation	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25
1	Ashtabula	OTP.ASHTUBULA	7.1	7.1	7.1	7.6	7.6	7.6	29.1	29.1	29.1	8.4	8.4	8.4
2	AshtabulaIII	OTP.ASHTAIII	8.8	8.8	8.8	11.2	11.2	11.2	32.3	32.3	32.3	10.4	10.4	10.4
3	Langdon	OTP.LANGDN1	4.7	4.7	4.7	8.8	8.8	8.8	20.3	20.3	20.3	7.7	7.7	7.7
4	Langdon	OTP.LANGDN2	3.0	3.0	3.0	4.4	4.4	4.4	10.9	10.9	10.9	3.9	3.9	3.9
5	Luverne	OTP.MPWR	8.7	8.7	8.7	10.3	10.3	10.3	33.9	33.9	33.9	8.9	8.9	8.9
6	Astoria Station	OTP.ASTORIA	237.5	237.5	237.5	225.1	225.1	225.1	237.7	237.7	237.7	278.6	278.6	278.6
7	Merricourt	MDU.MERRICOURT	29.4	29.4	29.4	34.4	34.4	34.4	119.2	119.2	119.2	36.8	36.8	36.8
BEI	HIND-THE-METER RESOURCES AS	DEFINED BY MISO - Value	s reflect th	e Season	Accredited	Capacity (SAC)							
No.	BTM Resource	Designation	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25
1	Dayton Hollow Hydro #1	OTP.OTP	-	-	-	-	-	-	-	-	-	0.5	0.5	0.5
2	Dayton Hollow Hydro #2	OTP.OTP	0.5	0.5	0.5	0.3	0.3	0.3	0.5	0.5	0.5	0.4	0.4	0.4
3	Hoot Lake Hydro	OTP.OTP	0.4	0.4	0.4	-	-	-	-	-	-	0.6	0.6	0.6
			[PROTEC	TED DATA	BEGINS .									
4	Kindred School Diesel	OTP.OTP	_											
												PROT	ECTED DA	TA ENDS]
7	Pisgah Hydro	OTP.OTP	0.3	0.3	0.3	0.1	0.1	0.1	0.4	0.4	0.4	0.5	0.5	0.5
8		OTP.OTP	0.3	0.3	0.3	-	-	-	0.1	0.1	0.1	0.4	0.4	0.4
	, ,													
EX	TERNAL RESOURCES AS DEFINED	BY MISO - Values reflect th	ne Season	Accredited	d Capacity	(SAC)								
No.	External Resources	Designation	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25
1		GARRISON HYDRO PLT	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
2	2	GARRISON HYDRO PLT	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
PR	C TRANSACTIONS AS DEFINED BY	MISO - Values reflect the P	lanning R	esource C	redit rating	(PRC)								
No.	PRC Transaction	Designation	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25
	None	g	'	·	g - ·	2 - II		·					-p =-	,
Tota	al		841.1	841.1	841.1	807.4	807.4	807.4	983.0	983.0	983.0	925.1	925.1	925.1
. 50			0	011.1	0	OO1.7	OO7.7	OO1.4	000.0	000.0	000.0	020.1	020.1	020.1

OTTER TAIL POWER COMPANY ESTIMATE OF MINNESOTA'S SHARE OF MISO CHARGE TYPES EXPENSE (REVENUE)

	Charge Type Description	_	vstem - Retail January - cember 2024		nnesota - Retail January - ecember 2024
No.	Day Ahead & Real Time Asset & Non Asset Energy & Loss				
1	DA Asset Energy Amount	\$	57,472,394	\$	27,181,224
2	DA FBT Loss Amount	\$	· · · -	\$	-
3	DA Non-asset Energy Amount	\$	(1,282,610)	\$	(606,603)
4	RT Asset Energy Amount	\$	(2,154,306)	\$	(1,018,866)
5 6	RT Distribution of Losses Amount RT FBT Loss Amount	\$ \$	(2,461,080)	\$ \$	(1,163,953)
7	DA Loss Amount	\$	6,686,297	\$	3,162,244
8	RT Loss Amount	\$	503,343	\$	238,053
9	RT Non-Asset Energy Amount	\$	-	\$	-
10	DA Losses Rebate on Option B GFA	\$	-	\$ \$	-
	Virtual Energy			\$	-
11	DA Virtual Energy Amount	\$	_	\$ \$	-
	RT Virtual Energy Amount	\$	_	\$	_
				\$	-
	Schedules 16 & 17			\$	
13	DA Mkt Admin Amount	\$	805,219	\$	380,824
14 15	RT Mkt Admin Amount FTR Mkt Admin Amount	\$ \$	108,244 16,099	\$	51,193 7,614
15	FTK WKt Admin Amount	ф	10,099	\$ \$	7,014
	Congest & FTRs			\$	-
16	DA FBT Congestion Amount	\$	-	\$	-
	DA Congestion	\$	19,544,185	\$	9,243,305
	RT FBT Congestion Amount	\$	1 400 544	\$	-
	RT Congestion FTR Hourly Allocation Amount	\$ \$	1,422,744 (40,949,836)	\$ \$	672,878 (19,366,979)
21	FTR Monthly Allocation Amount	\$	(1,068,195)	\$	(505,196)
	FTR Yearly Allocation Amount	\$	(562,661)	\$	(266,107)
	FTR Monthly Transaction Amount	\$	-	\$	-
	FTR Full Funding Guarantee Amount	\$	(438,744)	\$	(207,501)
	FTR Guarantee Uplift Amount	\$	350,646	\$	165,836
26	FTR Auction Revenue Rights Transaction Amount FTR Annual Transaction Amount	\$ \$	(51,991,561) 49,913,421	\$ \$	(24,589,097) 23,606,253
28	FTR Auction Revenue Rights Infeasible Uplift Amount	\$	141,612	\$	66,974
_	FTR Auction Revenue Rights Stage 2 Distribution Amount	\$	(2,380,975)	\$	(1,126,068)
	DA Congestion Rebate on Option B GFA	\$	-	\$	-
				\$ \$	-
0.1	RSG & Make Whole Payments	ф	110 (01		-
31 32	DA Revenue Sufficiency Guarantee Distribution Amount DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ \$	110,681 (62,496)	\$ \$	52,346 (29,557)
	RT Revenue Sufficiency Guarantee First Pass Distribution Amount		78,460	\$	37,107
	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$	-	\$	
35	RT Price Volatility Make Whole Payment	\$	(368,654)	\$	(174,353)
				\$	-
36	Revenue Neutrality Uplift	\$	1,700,473	\$ \$	904 220
30	RT Revenue Neutrality Uplift Amount	ф	1,/00,4/3	\$ \$	804,229
	Other Charges			\$	_
37	RT Misc Amount	\$	(629,770)	\$	(297,846)
38	RT Net Inadvertent Amount	\$	(23,455)	\$	(11,093)
	RT Uninstructed Deviation Amount	\$		\$	-
40	RT Demand Response Allocation Uplift Amount	\$	62,342	\$	29,484
41 42	DA Ramp Product RT Ramp Product	\$ \$	(133,647) (8,310)	\$ \$	(63,207)
	RT Schedule 49 Cost Distribution Amount	э \$	262,553	э \$	(3,930) 124,173
		т	,	\$	
	ASM Charges			\$	-
44	RT ASM Non-Excessive Energy Amount	\$	10,696,189	\$	5,058,698
45	RT ASM Excessive Energy Amount	\$	30,897	\$ \$	14,613
	Grandfathered Charge Types				-
46	DA Congestion Rebate on COGA	\$	_	\$ \$	-
47	DA Losses Rebate on COGA	\$	_	\$	-
48	RT Congestion Rebate on COGA	\$	-	\$	-
49	RT Loss Rebate on COGA	\$		\$	-
=0	TOTAL CHARCES	¢	45 000 100	\$	- 01 466 606
50	TOTAL CHARGES	\$	45,389,498	\$	21,466,691
51	Less Schedule 16 & 17 (Lines 13, 14, 15)	\$	(929,561.96)		
52	Congestion and Losses Adjustment	\$	(5,137,626.76)		
53	No DA generation sch., but still had output	\$	(230,638.50)		
54	Accounting RLA Adjustment to Montana-Dakota	\$	43,545.93		
55	Total 2024 MISO Charges	\$3	9,135,216.28		

					Otter Tail P Detail of MISO Da January 2024 incl									
		(A)	(B) RETAIL	(C)	(D)	(E)	(F) BASED WHOLE	(G)	(H)	(I)	(J) E T BASED WHO I	(K)	(L)	(M)
	Charge Type Description	Acct	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
No.	Day Ahead & Real Time Energy													
1	DA Asset Energy Amount	555.02		(30,690,141.07)	348,314 \$	19,949,614.78	0 \$	-	11,326 \$	680,072.93	0 \$	-	0 \$	-
2	DA Non-asset Energy Amount	555.09	0 \$	-	4,783 \$	215,232.21	0 \$	-	0 \$	-	0 \$	-	0 \$	-
3	RT Asset Energy Amount	555.19 555.26	(8,679) \$ 0 \$	19,437.20	33,999 \$ 0 \$	1,613,977.76	0 \$	-	0 \$	-	0 \$	-	0 \$	-
5	RT Non-Asset Energy Amount SUBTOTAL	333.20		30,670,703.87)	- 1	21,778,824.75	0 \$	<u> </u>	11,326 \$	680,072.93	0 \$		0 \$ 0 \$	-
U	Day Ahead & Real Time Energy Loss		(σσσ, 1σσ) ψ (00,070,700.07)	υσ, του, του τ	1,770,021.70	Ψ		11,020 ψ	000,072.70	Ψ		υψ	
6	DA FBT Loss Amount	555.04	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
7	RT Distribution of Losses Amount	555.24	0 \$	(32,677.16)	0 \$	559,020.71	0 \$	-	0 \$	-	0 \$	-	0 \$	-
8	RT FBT Loss Amount	555.21	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
9	DA Loss Amount		0 \$	(1,475,337.15)	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
10	RT Loss Amount	555.08	0 \$	(102,794.51)	0 \$ 0 \$	-	0 \$ 0 \$	-	0 \$ 0 \$	-	0 \$	-	0 \$	-
11	DA Losses Rebate on Option B GFA SUBTOTAL	555.08	• т	(1,610,808.82)	0 \$	559,020.71	0 \$	<u>-</u>	0 \$ 0 \$	-	0 \$	<u>-</u>	0 \$	<u>-</u>
12	Virtual Energy		Ψ	(1,010,000.02)	Ψ	000,020.71	Ψ		σψ		Ψ		υψ	
13	DA Virtual Energy Amount	555.12	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
14	RT Virtual Energy Amount	555.32	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
15	SUBTOTAL		0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
	Schedules 16 & 17	=== 01	0 +	((0.101.00)	0 +		0 +	(=== 10)			0 +		0 +	
16	DA Mkt Admin Amount	555.01	0 \$	(63,181.36)	0 \$	105.00	0 \$	(755.40)	0 \$ 0 \$	- 20.26	0 \$ 0 \$	-	0 \$	-
1 / 1 Q	RT Mkt Admin Amount FTR Mkt Admin Amount	555.18 555.13	0 \$ 0 \$	(8,077.82) (1,093.84)	0 \$ 0 \$	195.99	0 \$ 0 \$	(2,122.11)	0 \$	29.26	0 \$	-	0 \$	-
19	SUBTOTAL	555.15	0 \$	(72,353.02)	0 \$	195.99	0 \$	(2,877.51)	0 \$	29.26	0 \$		0 \$	<u> </u>
	Congestion & FTRs			(, =,====,	<u> </u>			(=,=,,,,=,		_,,	- 1			
20	DA FBT Congestion Amount	555.03	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
21	DA Congestion		0 \$	-	0 \$	(1,988,058.40)	0 \$	-	0 \$	-	0 \$	-	0 \$	-
22	RT FBT Congestion Amount	555.20	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
23	RT Congestion		0 \$	(313,803.55)	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
24 25	FTR Hourly Allocation Amount FTR Monthly Allocation Amount	555.14 555.15	0 \$	(215,964.56)	0 \$ 0 \$	2,724,013.13 70,599.67	0 \$	-	0 \$	-	0 \$	-	0 \$	-
26	FTR Yearly Allocation Amount	555.17	0 \$	(0.11)	0 \$	562,661.01	0 \$	_	0 \$ 0 \$	-	0 \$	_	0 \$	-
27	FTR Monthly Transaction Amount	555.35	0 \$	(0.11)	0 \$	502,001.01	0 \$	_ _	0 \$	_	0 \$	<u>-</u>	0 \$	_
28	FTR Full Funding Guarantee Amount	555.36	0 \$	(623,405.98)	0 \$	253,899.01	0 \$	_	0 \$	_	0 \$	_	0 \$	_
29	FTR Guarantee Uplift Amount	555.37	0 \$	(253,899.05)	0 \$	677,009.90	0 \$	-	0 \$	-	0 \$	-	0 \$	-
30	FTR Auction Revenue Rights Transaction Amount	555.39	0 \$	(2,403.66)	0 \$	3,622,423.33	0 \$	-	0 \$	-	0 \$	-	0 \$	-
31	FTR Annual Transaction Amount	555.38	0 \$	(3,325,124.23)	0 \$	2,403.66	0 \$	-	0 \$	-	0 \$	-	0 \$	-
32	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	0 \$	(8,059.82)	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
33 34	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41 555.07	0 \$	-	0 \$ 0 \$	207,942.13	0 \$ 0 \$	-	0 \$ 0 \$	-	0 \$ 0 \$	-	0 \$	-
35	DA Congestion Rebate on Option B GFA SUBTOTAL	333.07		(4,742,660.96)		6,132,893.44	0 \$	<u>-</u>	0 \$	-	0 \$	<u> </u>	0 \$	-
	RSG & Make Whole Payments		Ψ		υ ψ	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , , , , , , , , , , , , , , , , , ,		υ ψ		Ψ		Ψ	
36	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	0 \$	(18,046.99)	0 \$	-	0 \$	(1,201.14)	0 \$	-	0 \$	-	0 \$	-
37	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
38	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29	0 \$	(9,761.02)	0 \$	173.79	0 \$	(649.50)	0 \$	11.42	0 \$	-	0 \$	-
39	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	0 \$	-	0 \$	-	0 \$	-	0 \$	102,660.23	0 \$	-	0 \$	-
40	RT Price Volatility Make Whole Payment SUBTOTAL	555.42	0 \$ 0 \$	(16.89) (27,824.90)	0 \$ 0 \$	36,889.89 37,063.68	0 \$	(1.12) (1,851.76)	0 \$ 0 \$	2,455.78 105,127.43	0 \$	<u>-</u>	0 \$	-
	RNU & Misc Charges		υ φ	(4/,044.70)	υ φ	07,000.00	U 9	(1,001./0)	υ φ	100,147,40	υ φ	-	<u> </u>	-
42	RT Misc Amount	555.25	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
43	RT Net Inadvertent Amount	555.27	0 \$	(33,228.33)	0 \$	31,559.95	0 \$	-	0 \$	-	0 \$	-	0 \$	-
44	RT Revenue Neutrality Uplift Amount	555.28	0 \$	(260,603.17)	0 \$	48,618.87	0 \$	(17,348.23)	0 \$	3,236.28	0 \$	-	0 \$	-
45	RT Uninstructed Deviation Amount	555.31	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
46	RT Demand Response Allocation Uplift Amount	555.59	0 \$	(581.18)	0 \$	3.53	0 \$	-	0 \$	-	0 \$	-	0 \$	-
47	DA Ramp Product	555.63	0 \$	(165,00)	0 \$	548.69	0 \$	-	0 \$	-	0 \$	-	0 \$	-
48	RT Ramp Product RT Schedule 49 Cost Distribution Amount	555.64 555.65	0 \$	(165.92) (28,239.40)	U \$	102.44 19.97	0 \$	-	U \$ 0 ¢	-	U \$	-	U \$	-
50	SUBTOTAL	555.05	0 \$	(322,818.00)	0 \$	80,853.45	0 \$ 0 \$	(17,348.23)	0 \$	3,236.28	0 \$		0 \$	
	ASM Charges				υ Ψ			(,= .::.=0)		-,	, , , , , , , , , , , , , , , , , , ,			
51	RT ASM Non-Excessive Energy Amount	555.55	(52,040) \$	(1,784,245.81)	18,381 \$	723,700.73	(3,208) \$	(106,209.54)	25,991 \$	985,055.59	0 \$	-	0 \$	-
52	RT ASM Excessive Energy Amount	555.56	(172) \$	(11,306.77)	237 \$	7,944.20	0 \$	-	9 \$	263.37	0 \$	-	0 \$	
53	SUBTOTAL		(52,212) \$	(1,795,552.58)	18,619 \$	731,644.93	(3,208) \$	(106,209.54)	26,000 \$	985,318.96	0 \$	-	0 \$	-

Part									il Power Company Day 2 Charges - Sy ncludes any adjustr	Detail of MISO				
Charge Type Description	(M)	(L)	(K)	(J)	(I)	(H)				(D)	(C)	(B)	(A)	
Considerate Types														
54 DA Congestion Rebate on COGA	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Acct	
Description														
Fig.	0 \$ -	0 \$	-	·	-	0 \$	-	· '	· ·		-	· ·		
ST Loss Rebate on COGA	0 \$ -	0 \$	-	· ·	-	0 \$	-	Ψ Ψ	\$ -		-			
SUBTOTAL	0 \$ -	0 \$	-	· ·		- 1	-	, , , , , , , , , , , , , , , , , , ,	'		-	'		
Total Miso Day 2 Charges (632,617) \$ (39,242,722.15) 405,716 \$ 29,320,496.95 (3,208) 8 (128,287.04) 37,326 \$ 1,773,784.86 0 8 1,773,784.86 0 1,773,784.86 0 1,773,784.86 0 1,773,784.86 0 1,773,784.86 0 1,773,784	0 \$ -		-	'			-				-	'	555.23	
Less Schedule 16 & 17 (Lines 16, 17, 18)	0 \$ -	0 \$	-	0 \$	-	0 \$	-	0 \$	\$ -	0	-	0 \$		58 SUBTOTAL
Less Schedule 16 & 17 (Lines 16, 17, 18)	0 •	O 4		ο φ	1 550 504 07	07.004	(100.00=.04)	(0.000) A	4 00 000 404 05	405 517	00.040.500.45)	((00 (17) 4		50 MOMAL MICO DAVIA CHADODO
Congestion and Losses Adjustment \$ 44,113.39	0 \$ -	<u> </u>	-	0 \$	1,7/3,784.86	37,326 \$	(128,287.04)	(3,208) \$		405,716		(632,617) \$		
No DA generation sch., but still had output for current month \$ (13,499.78) \$ 29,320,300.96									5 195.99			ቅ		
Total for MN Energy Adjustment Rider											•	P		
Total for MN Energy Adjustment Rider											(13,499./8)	Ф		
Total for MN Energy Adjustment Rider														
Net Retail for MN Energy Adjustment Rider									¢ 20 220 200 06		20 200 082 74)	e i		
Retail MWh include losses of 2.8%									\$ 29,320,300.90			Φ (
ADDITIONAL REVENUE AND COSTS OF ASSET BASED AND NON ASSET BASED TRANSACTIONS \$ 1,645,497.82										(9,000,001./0)	•			
NET MISO (Rev-Cost and MWh) Less: Fuel Cost 34,058 1,512,902.66 Less: Misc Cost Adjustment \$ 1.84 Plus: Capacity Revenue \$ 1.84 Plus: Bilateral Sales \$ 1.84 Less: Bilateral Purchases \$ 1.84 Less: Schedule 24 for Asset Based Sales \$ 525.85 Total Control of the Cost and MWh) \$ 1,645,497.82 34,058 \$ 1,512,902.66 \$ 1.84														1 Retail WWI include 105565 01 2.070
69 Less: Fuel Cost 70 Less: Misc Cost Adjustment 71 Plus: Capacity Revenue 72 Plus: Bilateral Sales 73 Less: Bilateral Purchases 74 Less: Schedule 24 for Asset Based Sales 75												RANSACTIONS	Γ BASED TR	ADDITIONAL REVENUE AND COSTS OF ASSET BASED AND NON ASSET I
69 Less: Fuel Cost 70 Less: Misc Cost Adjustment 71 Plus: Capacity Revenue 72 Plus: Bilateral Sales 73 Less: Bilateral Purchases 74 Less: Schedule 24 for Asset Based Sales 75		\$			1,645,497.82	\$								68 NET MISO (Rev-Cost and MWh)
Less: Misc Cost Adjustment					1,512,902.66	34,058 \$								69 Less: Fuel Cost
Plus: Capacity Revenue Plus: Bilateral Sales Less: Bilateral Purchases Less: Schedule 24 for Asset Based Sales 52	\$ -	\$				\$								70 Less: Misc Cost Adjustment
Plus: Bilateral Sales Less: Bilateral Purchases Less: Schedule 24 for Asset Based Sales \$ 525.85	\$ -	\$												
74 Less: Schedule 24 for Asset Based Sales 75	\$ -	\$												
75	\$ -	\$												73 Less: Bilateral Purchases
75	\$ -	\$			525.85	\$								74 Less: Schedule 24 for Asset Based Sales
76 TOTAL ASSET or NON ASSET BASED WHOLESALE														75
	\$ -	\$			132,067.47	\$								76 TOTAL ASSET or NON ASSET BASED WHOLESALE

Otter Tail Power Company Detail of MISO Day 2 Charges - System February 2024 includes any adjustments

		(A)	(B)	(C)	(D) TAIL	(E)	(F)	(G) ASSET BASED	(H) WHOLESALE	(I)	(J)	(K) NON ASSET BA	(L) ASED WHOLESALE	(M)
	Charge Type Description	Acct	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
No.	Day Ahead & Real Time Energy													
1	DA Asset Energy Amount	555.02	(520,583) \$	(14,514,995.99)	322,252 \$	9,626,863.78	0 \$	-	20,385 \$	730,026.27	0 \$	-	0 \$	-
2	DA Non-asset Energy Amount	555.09	0 \$	-	5,079 \$	101,844.83	0 \$	-	0 \$	-	0 \$	-	0 \$	-
3	RT Asset Energy Amount	555.19	(6,043) \$	(458, 281.37)	22,004 \$	533,188.04	0 \$	-	0 \$	-	0 \$	-	0 \$	-
4	RT Non-Asset Energy Amount	555.26	0 \$	(0.09)	0 \$	0.09	0 \$	-	0 \$	-	0 \$	-	0 \$	-
5	SUBTOTAL		(526,627) \$ ((14,973,277.45)	349,336 \$	10,261,896.74	0 \$	-	20,385 \$	730,026.27	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 \$	(57,903.91)	0 \$	265,497.17	0 \$	-	0 \$	-	0 \$	-	0 \$	-
8	RT FBT Loss Amount	555.21	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
9	DA Loss Amount		0 \$	(702,596.84)	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
10	RT Loss Amount	555.00	0 \$	(22,797.82)	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
11 12	DA Losses Rebate on Option B GFA SUBTOTAL	555.08	0 \$	(502 200 55)	0 \$	- 265,497.17	0 \$	-	0 \$	-	0 \$	-	0 \$	
			0 \$	(783,298.57)	0 \$	205,497.17	0 \$	-	0 \$	-	0 \$	-	0 \$	-
	Virtual Energy	FFF 10	Ο Φ		Ο Φ		О ф		Ο Φ		Ο Φ		Ο Φ	
13	DA Virtual Energy Amount	555.12 555.32	0 \$	-	0 \$ 0 \$	-	0 \$	-	0 \$	-	0 \$ 0 \$	-	0 \$ 0 \$	-
14 15	RT Virtual Energy Amount SUBTOTAL	333.32	0 \$	<u> </u>	0 \$	-	0 \$ 0 \$	<u> </u>	0 \$ 0 \$	-	0 \$	<u> </u>	0 \$	-
	Schedules 16 & 17		υ φ	-	υφ	-	υ φ	-	υφ	-	U D	-	υφ	-
16	DA Mkt Admin Amount	555.01	0 \$	(80,160.75)	0 \$	-	0 \$	(1,734.30)	0 \$	_	0 \$		0 \$	
17	RT Mkt Admin Amount	555.18	0 \$	(80,160.75) $(11,224.11)$	0 \$	143.93	0 \$	(1,734.30) (1,916.96)	0 \$	37.61	0 \$	<u>-</u>	υ φ Λ ¢	<u>-</u>
18	FTR Mkt Admin Amount	555.13	0 \$	(11,224.11) $(1,547.28)$	0 \$		0 \$	(1,710.70)	0 \$	5/.01	0 \$	<u>-</u>	0 \$	<u>-</u>
19	SUBTOTAL	JJJ.13	0 \$	(92,932.14)	0 \$	143.93	0 \$	(3,651.26)	0 \$	37.61	0 \$	<u>-</u>	0 \$ 0 \$	
	Congestion & FTRs		σψ	()2,)02:11)	Ψ	110.70	Ψ	(0,001.20)	Ψ	57.01	Ψ		Ψ	
20	DA FBT Congestion Amount	555.03	0 \$	_	0 \$	-	0 \$		0 \$	_	0 \$	_	0 \$	_
21	DA Congestion	000.00	$\begin{array}{ccc} 0 & \$ \\ 0 & \$ \end{array}$	_	0 \$	(1,414,623.47)	0 \$	_	0 \$	_	0 \$	_	0 \$	_
22	RT FBT Congestion Amount	555.20	0 \$	_	0 \$	(1,111,020.17)	0 \$	_	0 \$	_	0 \$	_	0 \$	_
23	RT Congestion	000.20	$\begin{array}{ccc} 0 & \emptyset \\ 0 & \$ \end{array}$	243,028.07	0 \$	_	0 \$	_	0 \$	_	0 \$	_	0 \$	_
24	FTR Hourly Allocation Amount	555.14	0 \$	(24,262.84)	0 \$	1,753,631.41	0 \$	_	0 \$	_	0 \$	_	0 \$	_
25	FTR Monthly Allocation Amount	555.15	0 \$	-	0 \$	88,711.97	0 \$	_	0 \$	_	0 \$	_	0 \$	_
26	FTR Yearly Allocation Amount	555.17	0 \$	(0.01)	0 \$	-	0 \$	_	0 \$	_	0 \$	_	0 \$	_
27	FTR Monthly Transaction Amount	555.35	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	_
28	FTR Full Funding Guarantee Amount	555.36	0 \$	(88,671.65)	0 \$	34,947.94	0 \$	-	0 \$	-	0 \$	-	0 \$	_
29	FTR Guarantee Uplift Amount	555.37	0 \$	(34,947.95)	0 \$	125,962.09	0 \$	-	0 \$	-	0 \$	-	0 \$	-
30	FTR Auction Revenue Rights Transaction Amount	555.39	0 \$	(2,403.66)	0 \$	3,622,423.33	0 \$	-	0 \$	-	0 \$	-	0 \$	_
31	FTR Annual Transaction Amount	555.38	0 \$	(3,325,124.23)	0 \$	2,403.66	0 \$	-	0 \$	-	0 \$	-	0 \$	_
32	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	0 \$	(8,059.82)	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
33	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	0 \$	-	0 \$	207,942.13	0 \$	-	0 \$	-	0 \$	-	0 \$	-
34	DA Congestion Rebate on Option B GFA	555.07	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
35	SUBTOTAL		0 \$	(3,240,442.09)	0 \$	4,421,399.06	0 \$	-	0 \$	-	0 \$	-	0 \$	-
	RSG & Make Whole Payments													
36	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	0 \$	(9,857.58)	0 \$	-	0 \$	(459.30)	0 \$	-	0 \$	-	0 \$	-
37	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	0 \$	-	0 \$	3,925.64	0 \$	-	0 \$	1,971.72	0 \$	-	0 \$	-
38	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29	0 \$	(1,913.22)	0 \$	323.14	0 \$	(88.92)	0 \$	14.89	0 \$	-	0 \$	-
39	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	0 \$	-	0 \$	-	0 \$	-	0 \$	204.03	0 \$	-	0 \$	-
40	RT Price Volatility Make Whole Payment	555.42	0 \$	(1.65)	0 \$	36,537.72	0 \$	(0.07)	0 \$	1,703.19	0 \$	-	0 \$	-
41	SUBTOTAL		0 \$	(11,772.45)	0 \$	40,786.50	0 \$	(548.29)	0 \$	3,893.83	0 \$	-	0 \$	<u>-</u>
	RNU & Misc Charges													
42	RT Misc Amount	555.25	0 \$	(4,984.61)	0 \$	614,704.02	0 \$	-	0 \$	-	0 \$	-	0 \$	-
43	RT Net Inadvertent Amount	555.27	0 \$	(15,161.66)	0 \$	13,395.87	0 \$	-	0 \$	-	0 \$	-	0 \$	-
44	RT Revenue Neutrality Uplift Amount	555.28	0 \$	(155,448.32)	0 \$	26,382.09	0 \$	(7,245.96)	0 \$	1,229.55	0 \$	-	0 \$	-
45	RT Uninstructed Deviation Amount	555.31	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
46	RT Demand Response Allocation Uplift Amount	555.59	0 \$	(297.07)	0 \$	4.65	0 \$	-	0 \$	-	0 \$	-	0 \$	-
47	DA Ramp Product	555.63	0 \$	-	0 \$	2,773.95	0 \$	-	0 \$	-	0 \$	-	0 \$	-
48	RT Ramp Product	555.64	0 \$	(32.81)	0 \$	1,215.15	0 \$	-	0 \$	-	0 \$	-	0 \$	-
49	RT Schedule 49 Cost Distribution Amount	555.65	0 \$	(1,610.33)	0 \$	-	0 \$	- (F 0 4 F 0 C)	0 \$	-	0 \$	-	0 \$	-
50	SUBTOTAL ASM Charges		0 \$	(177,534.80)	0 \$	658,475.73	0 \$	(7,245.96)	0 \$	1,229.55	0 \$	-	0 \$	-
<u></u>	ASM Charges		((0.50() *	(1.000.700.46)	16.004 4	400,000,00	(F.00() +	(146,050,05)	10.114	050 550 00	0 +		^ +	
51	RT ASM Non-Excessive Energy Amount	555.55	(68,586) \$	(1,389,738.46)	16,394 \$	499,029.29	(5,826) \$	(146,253.95)	12,116 \$	358,552.83	0 \$	-	0 \$	-
52 53	RT ASM Excessive Energy Amount	555.56	(114) \$	(6,784.00)	343 \$ 16,737 \$	1,060.40	(0) \$	(0.34)	19 \$	318.89 358,871.72	0 \$		0 \$	
ეკ	SUBTOTAL		(00,/00) \$	(1,396,522.46)	10,/3/ \$	500,089.69	(0,020) \$	(140,204.29)	14,130 \$	JJO,0/1./2	0 \$	-	0 \$	-

					Detail of MISO	il Power Company Day 2 Charges - Sy								
					February 2024	includes any adjust	ments							
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
		()	(-)	1 /	TAIL	(—)		ASSET BASED		1.		1 /	ASED WHOLESALI	
	Charge Type Description	Acct	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
	Grandfathered Charge Types													
54	DA Congestion Rebate on COGA	555.05	0 \$	-	0	\$ -	0 \$	-	0 \$	-	0 \$	-	0 \$	-
55	DA Losses Rebate on COGA	555.06	0 \$	-	0	\$ -	0 \$	-	0 \$	-	0 \$	-	0 \$	-
56	RT Congestion Rebate on COGA	555.22	0 \$	-	0	\$ -	0 \$	-	0 \$	-	0 \$	-	0 \$	-
57		555.23	0 \$	-	0	\$ -	0 \$	-	0 \$	-	0 \$	-	0 \$	-
58	SUBTOTAL		0 \$	-	0	\$ -	0 \$	-	0 \$	-	0 \$	-	0 \$	-
	FOTAL MISO DAY 2 CHARGES		(595,326) \$ (2	20,675,779.96)	366,073	\$ 16,148,288.82	(5,826) \$	(157,699.80)	32,520 \$	1,094,058.98	0 \$	-	0 \$	-
60	Less Schedule 16 & 17 (Lines 16, 17, 18)		\$	(92,932.14)		\$ 143.93								
61	Congestion and Losses Adjustment		\$	27,027.79										
62	No DA generation sch., but still had output for current month		\$	(75,240.59)										
63														
64														
65	Total for MN Energy Adjustment Rider		\$ (2	20,534,635.02)		\$ 16,148,144.89								
66	Net Retail for MN Energy Adjustment Rider				\$ (4,386,490.13)									
67	Retail MWh include losses of 2.8%													
	ADDITIONAL REVENUE AND COSTS OF ASSET BASED AND NON ASSET BA	ASED TR	ANSACTIONS											
68	NET MISO (Rev-Cost and MWh)								\$	936,359.18			\$	-
69	Less: Fuel Cost								26,691 \$	648,277.29				
70	Less: Misc Cost Adjustment								\$	(177,899.51)			\$	-
71	Plus: Capacity Revenue												\$	-
72	Plus: Bilateral Sales												\$	-
73	Less: Bilateral Purchases												\$	-
74	Less: Schedule 24 for Asset Based Sales								\$	513.37			\$	-
75														
76	TOTAL ASSET or NON ASSET BASED WHOLESALE								\$	465,468.03			\$	-

Otter Tail Power Company Detail of MISO Day 2 Charges - System March 2024 includes any adjustments (A) (B) (C) (D) (H) (I) (J) (M) NON ASSET BASED WHOLESALE ASSET BASED WHOLESALE RETAIL MWh MWh **Charge Type Description** Cost MWh Cost MWh MWh Cost MWh Revenue Revenue Revenue Acct No. Day Ahead & Real Time Energy 555.02 (495,499) \$ (10,198,496.37)283,528 \$ 6,177,612.48 3,913 \$ 122,444.72 DA Asset Energy Amount 0 \$ 0 \$ 0 \$ 2 DA Non-asset Energy Amount 555.09 0 \$ 4,586 \$ 67,219.81 0 \$ 0 \$ 0 \$ 0 \$ 555.19 (11,147) \$ (478,876.59)19,452 \$ 567,270.01 0 \$ 0 \$ 0 \$ RT Asset Energy Amount 555.26 RT Non-Asset Energy Amount 5 **SUBTOTAL** (506,646) \$ (10,677,372.96) 307,566 \$ 6,812,102.30 0 \$ 3,913 \$ 122,444.72 0 \$ 0 \$ Day Ahead & Real Time Energy Loss 555.04 **DA FBT Loss Amount** 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 555.24 0 \$ (71,801.41)334,191.43 0 \$ **RT Distribution of Losses Amount** 0 \$ 0 \$ 0 \$ 0 \$ 555.21 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ RT FBT Loss Amount 0 \$ 0 \$ (444,030.17)0 \$ 0 \$ 0 \$ 0 \$ DA Loss Amount 10 **RT Loss Amount** (40,594.75)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 11 555.08 0 \$ DA Losses Rebate on Option B GFA 0 \$ 12 334,191.43 **SUBTOTAL** 0 \$ (556,426.33) 0 \$ 0 \$ 0 \$ -0 \$ 0 \$ Virtual Energy **DA Virtual Energy Amount** 555.12 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 14 RT Virtual Energy Amount 555.32 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 15 **SUBTOTAL** 0 \$ 0 \$ -0 \$ 0 \$ 0 \$ 0 \$ -Schedules 16 & 17 555.01 (375.33)DA Mkt Admin Amount 0 \$ (64,254.99)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 17 0 \$ 175.59 **RT Mkt Admin Amount** 555.18 (9,168.89)0 \$ 0 \$ (1,671.42)0 \$ 0.02 0 \$ 0 \$ 18 FTR Mkt Admin Amount 555.13 0 \$ (1,276.80)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 19 (74,700.68)(2,046.75)**SUBTOTAL** 0 \$ 0 \$ 175.59 0 \$ 0 \$ 0.02 0 \$ 0 \$ **Congestion & FTRs** 555.03 **DA FBT Congestion Amount** 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 21 (2,058,625.53)DA Congestion 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 22 **RT FBT Congestion Amount** 555.20 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 23 RT Congestion 239,075.23 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 24 FTR Hourly Allocation Amount 555.14 0 \$ (53,434.26)4,091,156.63 0 \$ 0 \$ 0 \$ 25 FTR Monthly Allocation Amount 555.15 0 \$ 0 \$ 82,330.16 0 \$ 0 \$ 0 \$ 0 \$ 26 555.17 FTR Yearly Allocation Amount 0 \$ 0 \$ 0 \$ 0 \$ 27 FTR Monthly Transaction Amount 555.35 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 28 555.36 (63,717.67)242,386.81 0 \$ FTR Full Funding Guarantee Amount 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 29 FTR Guarantee Uplift Amount 555.37 (242,386.81)63,714.65 0 \$ 0 \$ 0 \$ 30 555.39 FTR Auction Revenue Rights Transaction Amount (4,325.57)3,829,650.62 0 \$ 0 \$ 0 \$ 31 555.38 0 \$ (3,527,151.17)4,882.05 0 \$ 0 \$ FTR Annual Transaction Amount 0 \$ 0 \$ 0 \$ 32 FTR Auction Revenue Rights Infeasible Uplift Amount 555.40 0 \$ (12,016.00)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ FTR Auction Revenue Rights Stage 2 Distribution Amount 33 555.41 0 \$ 223,185.36 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 34 DA Congestion Rebate on Option B GFA 555.07 0 \$ 35 **SUBTOTAL** 0 \$ (3,663,956.25) 0 \$ 6,478,680.75 0 \$ 0 \$ 0 \$ 0 \$ RSG & Make Whole Payments DA Revenue Sufficiency Guarantee Distribution Amount 555.10 0 \$ (12,095.85)0 \$ 2,367.32 0 \$ (440.28)0 \$ 86.19 0 \$ 0 \$ 37 699.63 DA Revenue Sufficiency Guarantee Make Whole Pymt Amount 555.11 0 \$ 0 \$ 0 \$ 0 \$ 228.11 0 \$ 0 \$ 38 555.29 RT Revenue Sufficiency Guarantee First Pass Distribution Amount 0 \$ (1,650.92)0 \$ 68.80 (59.78)2.41 0 \$ 0 \$ 0 \$ 0 \$ RT Revenue Sufficiency Guarantee Make Whole Pymt Amount 60.63 0 \$ 0 \$ 0 \$ 40 RT Price Volatility Make Whole Payment 555.42 0 \$ 0 \$ 38,171.01 0 \$ 0 \$ 1,389.99 0 \$ 0 \$ 0 \$ 41 SUBTOTAL (13,746.77) 41,306.76 0 \$ (500.06) 0 \$ 1,767.33 0 \$ 0 \$ 0 \$ RNU & Misc Charges **RT Misc Amount** 555.25 (1,438.70)4,932.11 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 43 **RT Net Inadvertent Amount** 555.27 (19,493.09)55,284.18 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 44 RT Revenue Neutrality Uplift Amount 555.28 0 \$ (143,040.93)0 \$ 13,333.40 0 \$ (5,208.48)0 \$ 485.33 0 \$ 45 **RT Uninstructed Deviation Amount** 555.31 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 46 RT Demand Response Allocation Uplift Amount 555.59 (6,378.22)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 47 DA Ramp Product 555.63 0 \$ 0 \$ 9,736.09 0 \$ 0 \$ 0 \$ 0 \$ 48 RT Ramp Product 555.64 0 \$ (384.37)1,193.99 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 49 RT Schedule 49 Cost Distribution Amount 555.65 0 \$ (24,302.02)0 \$ 1.36 0 \$ 0 \$ 0 \$ 0 \$ 50 485.33 SUBTOTAL (195,037.33) 84,481.13 (5,208.48)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ **ASM Charges** RT ASM Non-Excessive Energy Amount 555.55 (42,331) \$ (673,669.25) 630,144.47 (24,962.72) 17,445 \$ 24,711 \$ (1,986) \$ 431,340.93 0 \$ 0 \$ RT ASM Excessive Energy Amount 555.56 (50) \$ (19,687.29)486 \$ 1,413.63 0 \$ 18 \$ 285.80 0 \$ 0 \$

25,197 \$ 631,558.10

(24,962.72) 17,463 \$

(1,986) \$

431,626.73

0 \$

0 \$

(42,381) \$

(693,356.54)

					Detail of MISC	il Power Company Day 2 Charges - Syncludes any adjustr								
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
					ETAIL			ASSET BASED					BASED WHOLESAI	
	Charge Type Description	Acct	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
	Grandfathered Charge Types	<i></i>	Ο Φ		0	ф	Ο Φ		Ο Φ		Ο Φ		0 (h
54		555.05	0 \$	-	0	'	0 \$	-	0 \$	-	0 \$	-	0 8) -
55 56		555.06	0 \$ 0 \$	-	0	'	0 \$	-	0 \$	-	0 \$	-	0 8	-
56		555.22	- '	-	0	'	I • • •	-	0 \$	-	· ·	-	0 8) -
57 58	SUBTOTAL	555.23	0 \$ 0 \$	<u>-</u>	0 0		0 \$		0 \$ 0 \$	-	0 \$		0 8	
36	SUBTOTAL		U \$		<u> </u>	ਹ	U \$		υ φ	-	U \$	-	<u> </u>	-
59 7	TOTAL MISO DAY 2 CHARGES		(549,027) \$	(15,874,596.86)	332,763	\$ 14,382,496.06	(1,986) \$	(32.718.01)	21,376 \$	556,324.13	0 \$	_	0	s -
60	Less Schedule 16 & 17 (Lines 16, 17, 18)		\$	(74,700.68)		\$ 175.59	(_,, _ , , , ,	(==,, =====		,				т
61	Congestion and Losses Adjustment		\$	91,076.98		'								
62	No DA generation sch., but still had output for current month		\$	(6,408.22)										
63	, ,		,											
64														
65	Total for MN Energy Adjustment Rider		\$	(15,884,564.94)		\$ 14,382,320.47								
66	Net Retail for MN Energy Adjustment Rider		,		\$ (1,502,244.47)	, ,								
67 I	Retail MWh include losses of 2.8%													
A	ADDITIONAL REVENUE AND COSTS OF ASSET BASED AND NON ASSET B	ASED TR	RANSACTIONS											
68	NET MISO (Rev-Cost and MWh)								\$	523,606.12				\$ -
69	Less: Fuel Cost								19,390 \$					
70	Less: Misc Cost Adjustment								\$	-			:	\$ -
71	Plus: Capacity Revenue												:	\$ -
72	Plus: Bilateral Sales												:	\$ -
73	Less: Bilateral Purchases												:	\$ -
74	Less: Schedule 24 for Asset Based Sales								\$	310.49			:	\$ -
75									·					
76	TOTAL ASSET or NON ASSET BASED WHOLESALE								\$	138,507.40				\$ -
									·					
							1				1			

					Otter Tail Po Detail of MISO Day April 2024 includ									
		(A)	(B)	(C) RETA	(D)	(E)	(F)	(G) ASSET BASED	(H)	(I)	(J)	(K)	(L) ASED WHOLESALE	(M)
	Charge Type Description	Acct	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
No.	Day Ahead & Real Time Energy													
1	DA Asset Energy Amount	555.02	(499,785) \$	(9,763,318.98)	286,968 \$	6,522,457.61	0 \$	-	5,118 \$	152,290.51	0 \$	-	0 \$	-
$\frac{2}{2}$	DA Non-asset Energy Amount	555.09	0 \$	120.056.50	4,683 \$	69,672.33	0 \$	-	0 \$	-	0 \$	-	0 \$	-
3	RT Asset Energy Amount RT Non-Asset Energy Amount	555.19 555.26	(10,294) \$ 0 \$	139,856.58	22,367 \$ 0 \$	512,917.69	0 \$	-	0 \$ 0 \$	-	0 \$ 0 \$	-	0 \$	-
5	SUBTOTAL	333.20	(510,079) \$	(9,623,462.40)	Ψ	7,105,047.63	0 \$	<u>-</u>	5,118 \$	152,290.51	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 \$	(29,765.35)	0 \$	179,708.52	0 \$	-	0 \$	-	0 \$	-	0 \$	-
8	RT FBT Loss Amount	555.21	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
9	DA Loss Amount		0 \$	(449,038.11)	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
10	RT Loss Amount DA Losses Rebate on Option B GFA	555.08	0 \$ 0 \$	(81,913.29)	0 \$ 0 \$	_	$\begin{array}{ccc} 0 & \$ \\ 0 & \$ \end{array}$	-	0 \$ 0 \$	_	0 \$	_	0 \$ 0 \$	_
12	SUBTOTAL	333.00	0 \$	(560,716.75)	0 \$	179,708.52	0 \$	<u> </u>	0 \$	_	0 \$	_	0 \$	-
	Virtual Energy		T		- T				T				Ť	
13	DA Virtual Energy Amount	555.12	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
14	RT Virtual Energy Amount	555.32	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
15	SUBTOTAL		0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$		0 \$	-
	Schedules 16 & 17 DA Mkt Admin Amount	555.01	O &	(72.060.52)	Ο Φ		0 \$	(485.01)	O &		0 \$		0 \$	
16	RT Mkt Admin Amount	555.18	0 \$ 0 \$	(72,060.52) (10,122.64)	0 \$ 0 \$	639.60	0 \$	(1,838.30)	0 \$ 0 \$	12.06	0 \$	-	0 \$	-
18	FTR Mkt Admin Amount	555.13	0 \$	(1,212.48)	0 \$	-	0 \$	(1,000.00)	0 \$	-	0 \$	<u>-</u>	0 \$	_
19	SUBTOTAL	000,20	0 \$	(83,395.64)	0 \$	639.60	0 \$	(2,323.31)	0 \$	12.06	0 \$	-	0 \$	-
	Congestion & FTRs													
20	DA FBT Congestion Amount	555.03	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
21	DA Congestion	00	0 \$	-	0 \$	(2,321,066.40)	0 \$	-	0 \$	-	0 \$	-	0 \$	-
22	RT FBT Congestion Amount	555.20	0 \$	(07(007 05)	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
23 24	RT Congestion FTR Hourly Allocation Amount	555.14	0 \$	(276,927.85) (67,272.21)	0 \$	5,871,681.61	0 \$	- -	0 \$	-	0 \$	-	0 \$	-
25	FTR Monthly Allocation Amount	555.15	0 \$	(07,272.21)	0 \$	48,746,46	0 \$	- -	0 \$	_	0 \$	_	0 \$	-
26	FTR Yearly Allocation Amount	555.17	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	_	0 \$	-
27	FTR Monthly Transaction Amount	555.35	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
28	FTR Full Funding Guarantee Amount	555.36	0 \$	(43,501.96)	0 \$	520,599.91	0 \$	-	0 \$	-	0 \$	-	0 \$	-
29	FTR Guarantee Uplift Amount	555.37	0 \$	(520,599.91)	0 \$	60,525.27	0 \$	-	0 \$	-	0 \$	-	0 \$	-
30	FTR Auction Revenue Rights Transaction Amount	555.39	0 \$	(4,325.57)	0 \$	3,829,650.62	0 \$	-	0 \$	-	0 \$	-	0 \$	-
31 32	FTR Annual Transaction Amount FTR Auction Revenue Rights Infeasible Uplift Amount	555.38 555.40	0 \$ 0 \$	(3,527,151.17) (11,996.60)	0 \$ 0 \$	4,882.05	0 \$	-	0 \$	-	0 \$	-	0 \$	-
33	FTR Auction Revenue Rights Inteasible Opint Amount FTR Auction Revenue Rights Stage 2 Distribution Amount	555.40 555.41	0 \$	(11,996.60) (0.05)	0 \$	223,246.21	0 \$	-	0 \$		0 \$	_	0 \$ 0 \$	-
34	DA Congestion Rebate on Option B GFA	555.07	0 \$	(0.00)	0 \$	-	0 \$	_	0 \$	_	0 \$	_	0 \$	_
35	SUBTOTAL		0 \$	(4,451,775.32)		8,238,265.73	0 \$	-	0 \$	-	0 \$	-	0 \$	-
	RSG & Make Whole Payments													
36	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	0 \$	(9,480.08)	0 \$		0 \$	(445.90)	0 \$	T	0 \$	-	0 \$	- 7
37	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	0 \$	(0.055.10)	0 \$	1,719.66	0 \$	(120.05)	0 \$	1,073.46	0 \$	-	0 \$	-
38 39	RT Revenue Sufficiency Guarantee First Pass Distribution Amount RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.29 555.30	0 \$ 0 \$	(2,957.19)	0 \$ 0 \$	117.60		(138.85)	0 \$ 0 \$	5.37 15,822.32	0 \$	-	U \$	-
40	RT Price Volatility Make Whole Payment	555.42	0 \$	(49.68)	0 \$	54,173.83	0 \$	(2.33)	0 \$	2,548.90	0 \$	-	0 \$	
41	SUBTOTAL	000. 12	0 \$	(12,486.95)	0 \$	56,011.09	0 \$	(587.08)	0 \$	19,450.05	0 \$	-	0 \$	-
	RNU & Misc Charges				<u> </u>									
42	RT Misc Amount	555.25	0 \$	(214.45)	0 \$	0.23	0 \$	-	0 \$	-	0 \$	-	0 \$	-
43	RT Net Inadvertent Amount	555.27	0 \$	(13,899.83)	0 \$	9,548.70	0 \$	-	0 \$	-	0 \$	-	0 \$	-
44	RT Revenue Neutrality Uplift Amount	555.28	0 \$	(162,394.41)	0 \$	43,454.46	0 \$	(7,640.51)	0 \$	2,044.34	0 \$	-	0 \$	-
45 46	RT Uninstructed Deviation Amount RT Demand Response Allocation Uplift Amount	555.31 555.59	0 \$ 0 \$	- (157.63)	0 \$	42.34	U \$	-	0 \$	-	U \$	-	U \$ 0 ¢	-
47	DA Ramp Product	555.63	0 \$	(137 . 03) -	0 \$	13,465.75	0 \$	-	о ф 0 \$	-	0 \$	-	0 \$	
48	RT Ramp Product	555.64	0 \$	(569.94)	0 \$	2,114.90	0 \$	-	0 \$	_	0 \$	-	0 \$	-
49	RT Schedule 49 Cost Distribution Amount	555.65	0 \$	(29,182.65)	0 \$	433.25	0 \$	<u> </u>	0 \$		0 \$		0 \$	
50	SUBTOTAL		0 \$	(206,418.91)	0 \$	69,059.63	0 \$	(7,640.51)	0 \$	2,044.34	0 \$	-	0 \$	-
	ASM Charges		(= 1 = -=)	(4.000.511.11	22.22	(0==:::::	(2.2.2.)	(300 55 1 1 1	10.111	0== 000				
51	RT ASM Non-Excessive Energy Amount	555.55	(54,163) \$	(1,023,241.50)	20,337 \$	625,914.41	(800) \$	(130,294.67)	18,446 \$	375,031.07	0 \$	-	0 \$	-
52 53	RT ASM Excessive Energy Amount SUBTOTAL	555.56	(27) \$ (54,189) \$	(1,769.16) (1,025,010.66)	527 \$ 20,864 \$	4,051.77 629,966.18	0 \$ (800) \$	(130,294.67)	61 \$ 18,508 \$	793.98 375,825.05	0 \$	<u>-</u>	0 \$ 0 \$	<u>-</u> -
JJ	SOBIOTAL		(UT,1U7) Ø	(1,020,010.00)	20,00 1 \$	047,700.10	(000)	(100,497.0/)	10,000 φ	0 / 0,040.00	ı v p	•	υφ	-

					Otter Tail Po	wer Company								
					Detail of MISO Day		stem							
					April 2024 includ									
					•	• •								
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
				RETA				ASSET BASEI) WHOLESALI	E			ASED WHOLESALI	
	Charge Type Description	Acct	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
Gra	ndfathered Charge Types													
54	DA Congestion Rebate on COGA	555.05	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
55	DA Losses Rebate on COGA	555.06	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
56	RT Congestion Rebate on COGA	555.22	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
57	RT Loss Rebate on COGA	555.23	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
58	SUBTOTAL		0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
59 TO	ΓAL MISO DAY 2 CHARGES		(564,269) \$	(15,963,266.63)	334,882 \$	16,278,698.38	(800) \$	(140,845.57)	23,625 \$	549,622.01	0 \$	-	0 \$	-
60	Less Schedule 16 & 17 (Lines 16, 17, 18)		\$	(83,395.64)	\$	639.60								
61	Congestion and Losses Adjustment		\$	125,443.62										
62	No DA generation sch., but still had output for current month		\$	-										
63														
64														
65	Total for MN Energy Adjustment Rider		\$	(16,005,314.61)	\$	16,278,058.78								
66	Net Retail for MN Energy Adjustment Rider			\$	272,744.1 7									
67 Reta	ail MWh include losses of 2.8%													
AD	DITIONAL REVENUE AND COSTS OF ASSET BASED AND NON ASSET	T BASED TR	ANSACTIONS											
68	NET MISO (Rev-Cost and MWh)								\$	408,776.44			\$	-
69	Less: Fuel Cost								22,825 \$					
70	Less: Misc Cost Adjustment								\$	(101.53)			\$	-
71	Plus: Capacity Revenue												\$	-
72	Plus: Bilateral Sales												\$	-
73	Less: Bilateral Purchases												\$	-
74	Less: Schedule 24 for Asset Based Sales								\$	344.02			\$	-
75														
76	TOTAL ASSET or NON ASSET BASED WHOLESALE								\$	(142,351.00)			\$	-

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Otter Tail Power Company Detail of MISO Day 2 Charges - System May 2024 includes any adjustments (A) (B) (D) (H) (I) (J) (M) NON ASSET BASED WHOLESALE ASSET BASED WHOLESALE **RETAIL Charge Type Description** MWh MWh Cost MWh Cost MWh MWh Cost MWh Revenue Revenue Revenue Acct No. Day Ahead & Real Time Energy 555.02 (435,907) \$ (10,180,784.69)266,130 \$ 5,181,965.18 4,969 152,734.42 DA Asset Energy Amount 0 \$ 0 \$ 0 \$ 2 DA Non-asset Energy Amount 555.09 0 \$ 3,911 \$ 80,861.72 0 \$ 0 \$ 0 \$ 0 \$ (326,616.58)555.19 (13,778) \$ 17,447 \$ 398,894.03 0 \$ 0 \$ 0 \$ RT Asset Energy Amount 555.26 0 \$ RT Non-Asset Energy Amount 152,734.425 **SUBTOTAL** (449,685) \$ (10,507,401.27) 287,488 \$ 5,661,720.93 0 \$ 4,969 \$ 0 \$ 0 \$ Day Ahead & Real Time Energy Loss 555.04 **DA FBT Loss Amount** 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 555.24 0 \$ (115,811.28)139,707.62 0 \$ **RT Distribution of Losses Amount** 0 \$ 0 \$ 0 \$ 0 \$ 555.21 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ RT FBT Loss Amount (207, 327.66)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ DA Loss Amount 0 \$ 10 **RT Loss Amount** (12,195.30)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 11 555.08 DA Losses Rebate on Option B GFA 0 \$ 12 139,707.620 \$ (335,334.24) **SUBTOTAL** 0 \$ 0 \$ 0 \$ -0 \$ 0 \$ Virtual Energy **DA Virtual Energy Amount** 555.12 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 14 **RT Virtual Energy Amount** 555.32 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 15 **SUBTOTAL** 0 \$ 0 \$ -0 \$ 0 \$ 0 \$ 0 \$ -Schedules 16 & 17 555.01 (65,326.29)DA Mkt Admin Amount 0 \$ (476.16)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 17 293.75 25.33 **RT Mkt Admin Amount** 555.18 0 \$ (10,800.08)0 \$ 0 \$ (2,161.01)0 \$ 0 \$ 0 \$ 18 FTR Mkt Admin Amount 555.13 0 \$ (1,147.28)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 19 (77,273.65)293.75 **SUBTOTAL** 0 \$ 0 \$ 0 \$ (2,637.17)0 \$ **25.33** 0 \$ 0 \$ **Congestion & FTRs** 555.03 **DA FBT Congestion Amount** 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 21 (378, 184.73)DA Congestion 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 22 **RT FBT Congestion Amount** 555.20 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 23 RT Congestion (10,583.20)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 24 FTR Hourly Allocation Amount 555.14 0 \$ (319, 376.60)2,409,085.32 0 \$ 0 \$ 0 \$ 25 FTR Monthly Allocation Amount 555.15 0 \$ 0 \$ 60,726.64 0 \$ 0 \$ 0 \$ 0 \$ 26 555.17 FTR Yearly Allocation Amount 0 \$ 0 \$ 0 \$ 27 FTR Monthly Transaction Amount 555.35 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 28 555.36 (52,852.53)187,437.19 0 \$ FTR Full Funding Guarantee Amount 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 29 FTR Guarantee Uplift Amount 555.37 (187, 437.19)49,580.22 0 \$ 0 \$ 0 \$ 30 555.39 FTR Auction Revenue Rights Transaction Amount (4,325.57)3,829,650.62 0 \$ 0 \$ 0 \$ 31 555.38 0 \$ (3,527,151.17)4,882.05 0 \$ 0 \$ FTR Annual Transaction Amount 0 \$ 0 \$ 0 \$ 32 FTR Auction Revenue Rights Infeasible Uplift Amount 555.40 0 \$ (11,995.80)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ FTR Auction Revenue Rights Stage 2 Distribution Amount 33 555.41 223,246.21 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 34 DA Congestion Rebate on Option B GFA 555.07 35 **SUBTOTAL** 0 \$ (4,113,722.06) 0 \$ 6,386,423.52 0 \$ 0 \$ 0 \$ 0 \$ **RSG & Make Whole Payments**

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17,829 \$

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18,148 \$ 476,162.56

9,497.80

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32,474.66

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83,304.48

470,909.68

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1,174.84

2,672.93

3,086.37

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560,772.30

563,377.32

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DA Revenue Sufficiency Guarantee Distribution Amount

RT Price Volatility Make Whole Payment

RT Revenue Neutrality Uplift Amount

RT Demand Response Allocation Uplift Amount

RT Schedule 49 Cost Distribution Amount

RT ASM Non-Excessive Energy Amount

RT ASM Excessive Energy Amount

RT Uninstructed Deviation Amount

SUBTOTAL

RT Misc Amount

DA Ramp Product

RT Ramp Product

SUBTOTAL

SUBTOTAL

ASM Charges

RT Net Inadvertent Amount

RNU & Misc Charges

DA Revenue Sufficiency Guarantee Make Whole Pymt Amount

RT Revenue Sufficiency Guarantee Make Whole Pymt Amount

RT Revenue Sufficiency Guarantee First Pass Distribution Amount

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(54,483) \$

(85) \$

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(118,649.47)

(34.88)

(1,124.47)

(27,253.53)

(1,355.28)

(1,239,984.41)

0 \$ (183,593.54)

(54,568) \$ (1,241,339.69)

					Detail of MISO	il Power Company Day 2 Charges - Sy cludes any adjustm	stem							
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
			_		ETAIL			ASSET BASED					ASED WHOLESAL	
	Charge Type Description	Acct	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
	randfathered Charge Types													
54	DA Congestion Rebate on COGA	555.05	0 \$	-	0	'	0 \$	-	0 \$	-	0 \$	-	0 \$	-
55	DA Losses Rebate on COGA	555.06	0 \$	-	0	\$ -	0 \$	-	0 \$	-	0 \$	-	0 \$	-
56	RT Congestion Rebate on COGA	555.22	0 \$	-		\$ -	0 \$	-	0 \$	-	0 \$		0 \$	-
57	RT Loss Rebate on COGA	555.23	0 \$	-	0		0 \$	-	0 \$	-	0 \$		0 \$	
58	SUBTOTAL		0 \$	-	0	\$ -	0 \$	-	0 \$	-	0 \$	-	0 \$	-
59 T (OTAL MISO DAY 2 CHARGES		(504.254) \$	(16,469,771.79)	305.636	\$ 12,780,087.52	(219) \$	(18.182.24)	26,174 \$	721,896.37	0 \$	<u> </u>	0 \$	
60	Less Schedule 16 & 17 (Lines 16, 17, 18)		\$	(77,273.65)	· · · · · · · · · · · · · · · · · · ·	\$ 293.75	(=1), ψ	(10,102,21)	20,1 7 ι ψ	7 = 1,0 > 0.0 /		,	- Ψ	
61	Congestion and Losses Adjustment		\$ \$	36,879.85		->0170								
62	No DA generation sch., but still had output for current month		φ \$	(31,031.32)										
63 64 65 66 67 Re	Total for MN Energy Adjustment Rider Net Retail for MN Energy Adjustment Rider etail MWh include losses of 2.8%		\$	(16,398,346.67)	\$ (3,618,552.90)	\$ 12,779,793.77								
Al	DDITIONAL REVENUE AND COSTS OF ASSET BASED AND NON ASSET	BASED TE	RANSACTIONS											
68	NET MISO (Rev-Cost and MWh)								\$	703,714.13			\$	-
69	Less: Fuel Cost								25,919 \$	577,035.14				
70	Less: Misc Cost Adjustment								\$	(59.95)			\$	-
71	Plus: Capacity Revenue												\$	-
72	Plus: Bilateral Sales												\$	-
73	Less: Bilateral Purchases												\$	-
74	Less: Schedule 24 for Asset Based Sales								\$	373.96			\$	-
75														
76	TOTAL ASSET or NON ASSET BASED WHOLESALE								\$	126,364.98			\$	-

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Otter Tail Power Company Detail of MISO Day 2 Charges - System May 2024 includes any adjustments (A) (B) (D) (H) (I) (J) (M) NON ASSET BASED WHOLESALE ASSET BASED WHOLESALE **RETAIL** MWh MWh **Charge Type Description** Cost MWh Cost MWh MWh Cost MWh Revenue Revenue Revenue Acct No. Day Ahead & Real Time Energy 555.02 (385,693) \$ (7,722,278.21)265,132 \$ 4,532,408.32 2,671 79,507.77 DA Asset Energy Amount 0 \$ 0 \$ 0 \$ 2 DA Non-asset Energy Amount 555.09 0 \$ 3,457 \$ 79,200.31 0 \$ 0 \$ 0 \$ 0 \$ 555.19 (26,897) \$ (548,020.39)9,883 189,580.18 0 \$ 0 \$ 0 \$ RT Asset Energy Amount 555.26 0 \$ RT Non-Asset Energy Amount 5 **SUBTOTAL** (412,590) \$ (8,270,298.60) 278,472 \$ 4,801,188.81 0 \$ 2,671 \$ 79,507.77 0 \$ 0 \$ Day Ahead & Real Time Energy Loss 555.04 **DA FBT Loss Amount** 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 555.24 0 \$ (14,956.06)198,467.02 0 \$ **RT Distribution of Losses Amount** 0 \$ 0 \$ 0 \$ 0 \$ 555.21 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ RT FBT Loss Amount 0 \$ 0 \$ (81,096.63)0 \$ 0 \$ 0 \$ DA Loss Amount 0 \$ 10 6,562.77 0 \$ 0 \$ **RT Loss Amount** 0 \$ 0 \$ 0 \$ 0 \$ 11 555.08 DA Losses Rebate on Option B GFA 0 \$ 0 \$ 0 \$ 12 (89,489.92) 198,467.02 **SUBTOTAL** 0 \$ 0 \$ 0 \$ 0 \$ -0 \$ 0 \$ Virtual Energy **DA Virtual Energy Amount** 555.12 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 14 **RT Virtual Energy Amount** 555.32 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 15 **SUBTOTAL** 0 \$ 0 \$ -0 \$ 0 \$ 0 \$ 0 \$ -Schedules 16 & 17 $(52,41\overline{2.26})$ 555.01 DA Mkt Admin Amount 0 \$ (210.29)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 17 0 \$ 362.42 (750.07)**RT Mkt Admin Amount** 555.18 (9,332.44)0 \$ 0 \$ 0 \$ 811.63 0 \$ 0 \$ 18 FTR Mkt Admin Amount 555.13 0 \$ (1,177.60)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 19 (62,922.30)362.42 **SUBTOTAL** 0 \$ 0 \$ 0 \$ (960.36)0 \$ 811.63 0 \$ 0 \$ **Congestion & FTRs** 555.03 **DA FBT Congestion Amount** 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 21 DA Congestion (590,198.37) 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 22 **RT FBT Congestion Amount** 555.20 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 23 RT Congestion 0 \$ (36,937.65)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 24 FTR Hourly Allocation Amount 555.14 0 \$ (80,038.83)0 \$ 1,754,536.42 0 \$ 0 \$ 25 FTR Monthly Allocation Amount 555.15 0 \$ 0 \$ 19,116.51 0 \$ 0 \$ 0 \$ 0 \$ 26 555.17 FTR Yearly Allocation Amount 0 \$ 0 \$ 0 \$ 0 \$ 27 FTR Monthly Transaction Amount 555.35 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 28 555.36 48,604.08 0 \$ FTR Full Funding Guarantee Amount 0 \$ (18,936.91)0 \$ 0 \$ 0 \$ 0 \$ 29 FTR Guarantee Uplift Amount 555.37 1,903.76 (48,604.08)0 \$ 0 \$ 0 \$ 30 555.39 FTR Auction Revenue Rights Transaction Amount 0 \$ (1,657.92)4,007,597.06 0 \$ 0 \$ 0 \$ 31 555.38 0 \$ 1,657.92 0 \$ 0 \$ FTR Annual Transaction Amount (3,972,803.01)0 \$ 0 \$ 0 \$ 32 FTR Auction Revenue Rights Infeasible Uplift Amount 555.40 0 \$ (1,840.44)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 33 FTR Auction Revenue Rights Stage 2 Distribution Amount 555.41 214,831.39 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 34 DA Congestion Rebate on Option B GFA 555.07 0 \$ 35 **SUBTOTAL** 0 \$ (4,160,818.84) 0 \$ 5,458,048.77 0 \$ 0 \$ 0 \$ 0 \$ **RSG & Make Whole Payments** DA Revenue Sufficiency Guarantee Distribution Amount 555.10 0 \$ (5,217.52)0 \$ (104.66)0 \$ 0 \$ 0 \$ 0 \$

7,266.59

36,138.33

43,705.41

19,442.83

24,677.60

15,483.50

1,477.97

61,081.93

348,194.90

349,793.96

1,599.06

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14,391 \$

101 \$

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0 \$

(2,123) \$

(2,125) \$

(2) \$

4,519.96

5.91

267.28

726.08

495.69

495.69

12.02

280,593.79

280,605.81

5,519.23

0 \$

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0 \$

0 \$

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(17.05)

(186.92)

(2,751.95)

(2,751.95)

(7,063.50)

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DA Revenue Sufficiency Guarantee Make Whole Pymt Amount

RT Revenue Sufficiency Guarantee Make Whole Pymt Amount

RT Price Volatility Make Whole Payment

RT Revenue Neutrality Uplift Amount

RT Demand Response Allocation Uplift Amount

RT Schedule 49 Cost Distribution Amount

RT ASM Non-Excessive Energy Amount

RT ASM Excessive Energy Amount

RT Uninstructed Deviation Amount

SUBTOTAL

RT Misc Amount

DA Ramp Product

RT Ramp Product

SUBTOTAL

SUBTOTAL

ASM Charges

RT Net Inadvertent Amount

RNU & Misc Charges

RT Revenue Sufficiency Guarantee First Pass Distribution Amount

555.11

555.29

555.42

555.25

555.27

555.28

555.31

555.59

555.63

555.64

555.65

555.55

555.56

0 \$

0 \$

0 \$

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0 \$

(55,647) \$ (953,103.46)

(55,291) \$

(355) \$

(3,257.94)

(848.95)

(9,324.41)

(13,143.94)

(136,982.82)

(54.77)

(414.42)

(25,458.39)

(947,193.20)

(5,910.26)

(176,054.34)

					Detail of MISC	il Power Company Day 2 Charges - S cludes any adjustm								
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
			257.77		TAIL		75747	ASSET BASED			7.57.77		BASED WHOLESAL	
	Charge Type Description	Acct	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
	Grandfathered Charge Types DA Connection Behate on COCA		Ο Φ		0	ф	Ο Φ		Ο Φ		Ο Φ		0	ф
54	DA Congestion Rebate on COGA	555.05	0 \$	-	0	•	0 \$	-	0 \$	-	0 \$	-	0	5 -
55	DA Losses Rebate on COGA	555.06	0 \$	-	0	'	0 \$	-	0 \$	-	0 \$	-	0	5 -
56	RT Congestion Rebate on COGA	555.22	0 \$	-	0	· ·	0 \$	-	0 \$	-	0 \$	-	0	\$ -
57	RT Loss Rebate on COGA	555.23	0 \$		0		0 \$	-	0 \$	-	0 \$		0	
58	SUBTOTAL		0 \$	-	0	\$ -	0 \$		0 \$	-	0 \$	-	0	-
59	TOTAL MISO DAY 2 CHARGES		(468,236) \$	(13,722,011.87)	292.863	\$ 10,912,648.32	(2,125) \$	(11,199.46)	11,232 \$	366,940.13	0 \$		0	<u> </u>
60	Less Schedule 16 & 17 (Lines 16, 17, 18)		\$	(62,922.30)	=>=,000	\$ 362.42	(=,==σ) ψ	(==,=,,,,,,,)	ΞΞ,ΞΞΞ Ψ	3 0 0,7 10120	, , , , , , , , , , , , , , , , , , ,			Ψ
61	Congestion and Losses Adjustment		\$	(646,579.72)		, , , , , , , , , , , , , , , , , , , ,								
62	No DA generation sch., but still had output for current month		\$	(56,473.48)										
63	110 211 goneration som, sat sam had surput for surrent month		Ψ	(00,170,10)										
64														
65	Total for MN Energy Adjustment Rider		\$	(12,956,036.37)		\$ 10,912,285.90								
66	Net Retail for MN Energy Adjustment Rider		Ψ		\$ (2,043,750.47)	Ψ 10,712,200.70								
67 1	Retail MWh include losses of 2.8%			•	φ (2,040,700.47)									
	Retail MWII include 1055es 01 2.070													
1	ADDITIONAL REVENUE AND COSTS OF ASSET BASED AND NON ASSET	BASED TR	RANSACTIONS											
68	NET MISO (Rev-Cost and MWh)								\$	355,740.67				\$ -
69	Less: Fuel Cost								8,783 \$	259,053.72				
70	Less: Misc Cost Adjustment								\$	(54,464.74)				\$ -
71	Plus: Capacity Revenue								·					\$ -
72	Plus: Bilateral Sales													\$ -
73	Less: Bilateral Purchases													\$ -
74	Less: Schedule 24 for Asset Based Sales								\$	36.54				\$ -
75									Ψ					1
76	TOTAL ASSET or NON ASSET BASED WHOLESALE								\$	151,115.15				\$ -
									·					

Otter Tail Power Company Detail of MISO Day 2 Charges - System June 2024 includes any adjustments

		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
					TAIL			ASSET BASED V					ASED WHOLESALI	
No. 1	Charge Type Description	Acct	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
NO. 1	Day Ahead & Real Time Energy	555.00	(205 (02) d	(7.700.070.01)	9/F 199 d	4 500 400 00	Ο Φ		9.671 h	70 507 77	0 (h	Ο Φ	
	DA Asset Energy Amount	555.02 555.09	(385,693) \$	(7,722,278.21)	265,132 \$	4,532,408.32 79,200.31	0 \$ 0 \$	-	2,671 \$	79,507.77	0 8	-	0 \$	-
2	DA Non-asset Energy Amount	555.19 555.19	0 \$ (26,897) \$	(548,020.39)	3,457 \$ 9,883 \$	189,580.18	0 \$	-	0 \$	-		-	0 \$	-
3	RT Asset Energy Amount RT Non-Asset Energy Amount	555.26	(20,097) \$	(346,020.39)	9,003 \$	169,360.16	0 \$	-	0 ¢	-	0 8	• - \$ -	0 ¢	-
5	SUBTOTAL	555.20		(8,270,298.60)	- 1	4,801,188.81	0 \$		2,671 \$	79,507.77	0 8	ı	0 \$ 0 \$	
3	Day Ahead & Real Time Energy Loss		(412,370) ψ	(0,2/0,2/0.00)	2/0,4/2 φ	4,001,100.01	Ψ		2,0/1 φ	/ /,50/.//	V 4	, -	υψ	-
6	DA FBT Loss Amount	555.04	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 8	<u> </u>	0 \$	-
7	RT Distribution of Losses Amount	555.24	0 \$	(14,956.06)	0 \$	198,467.02	0 \$	_	0 \$	_	0 8	\$ -	0 \$	_
8	RT FBT Loss Amount	555.21	0 \$	-	0 \$	-	0 \$	_	0 \$	_	0 8	.	0 \$	-
9	DA Loss Amount		0 \$	(81,096.63)	0 \$	_	0 \$	_	0 \$	_	0 8	, -	0 \$	-
10	RT Loss Amount		0 \$	6,562.77	0 \$	-	0 \$	_	0 \$	-	0 8	· \$ -	0 \$	-
11	DA Losses Rebate on Option B GFA	555.08	0 \$, -	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
12	SUBTOTAL		0 \$	(89,489.92)	0 \$	198,467.02	0 \$	-	0 \$	-	0	-	0 \$	-
7	Virtual Energy													
13	DA Virtual Energy Amount	555.12	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 8	\$ -	0 \$	-
14	RT Virtual Energy Amount	555.32	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 8		0 \$	-
15	SUBTOTAL		0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
5	Schedules 16 & 17													
16	DA Mkt Admin Amount	555.01	0 \$	(52,412.26)	0 \$	-	0 \$	(210.29)	0 \$	-	0 \$		0 \$	-
17	RT Mkt Admin Amount	555.18	0 \$	(9,332.44)	0 \$	362.42	0 \$	(750.07)	0 \$	811.63	0 \$		0 \$	-
18	FTR Mkt Admin Amount	555.13	0 \$	(1,177.60)	0 \$	-	0 \$	(0(0,0()	0 \$	- 011 (0	0 \$		0 \$	-
19	SUBTOTAL		0 \$	(62,922.30)	0 \$	362.42	0 \$	(960.36)	0 \$	811.63	0 \$	-	0 \$	-
	Congestion & FTRs	555.00	Ο Φ		ο φ		0 4		Ο Φ		0 4		Ο Φ	
20	DA FBT Congestion Amount	555.03	0 \$	-	0 \$	(500 100 27)	0 \$	-	0 \$	-	0 \$	-	0 \$	-
21	DA Congestion	FFF 20	0 \$	-	0 \$	(590,198.37)	0 \$	-	0 \$	-	0 \$	-	0 \$	-
22	RT FBT Congestion Amount RT Congestion	555.20	0 \$	(36,937.65)	0 \$	-	0 \$	-	0 \$	-		-	0 \$	-
24	FTR Hourly Allocation Amount	555.14	0 \$	(80,038.83)	0 \$	1,754,536.42	0 \$	-	0 \$ 0 \$	_		-	0 \$	_
25	FTR Monthly Allocation Amount	555.15	0 \$	(00,030.03)	0 \$	19,116.51	0 \$	_	0 \$ 0 \$	_		· -	0 \$	
26	FTR Yearly Allocation Amount	555.17	0 \$	_	0 \$	-	0 \$	_	0 \$	_		-	0 \$	_
27	FTR Monthly Transaction Amount	555.35	0 \$	_	0 \$	_	0 \$	_	0 \$	_	0 \$, } -	0 \$	_
28	FTR Full Funding Guarantee Amount	555.36	0 \$	(18,936.91)	0 \$	48,604.08	0 \$	-	0 \$	_	0 \$	-	0 \$	_
29	FTR Guarantee Uplift Amount	555.37	0 \$	(48,604.08)	0 \$	1,903.76	0 \$	-	0 \$	_	0 \$	-	0 \$	-
30	FTR Auction Revenue Rights Transaction Amount	555.39	0 \$	(1,657.92)	0 \$	4,007,597.06	0 \$	-	0 \$	-	0 \$	-	0 \$	-
31	FTR Annual Transaction Amount	555.38	0 \$	(3,972,803.01)	0 \$	1,657.92	0 \$	-	0 \$	-	0 \$	-	0 \$	-
32	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	0 \$	(1,840.44)	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
33	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	0 \$	-	0 \$	214,831.39	0 \$	-	0 \$	-	0 \$	-	0 \$	-
34	DA Congestion Rebate on Option B GFA	555.07	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
35	SUBTOTAL		0 \$	(4,160,818.84)	0 \$	5,458,048. 77	0 \$	-	0 \$	-	0 \$	-	0 \$	-
]	RSG & Make Whole Payments													
36	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	0 \$	(5,217.52)	0 \$	-	0 \$	(104.66)	0 \$	-	0 8	-	0 \$	-
37	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	0 \$	-	0 \$	7,266.59	0 \$	-	0 \$	4,519.96	0 8	-	0 \$	-
38	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29	0 \$	(3,257.94)	0 \$	300.49	0 \$	(65.21)	0 \$	5.91	0 5	-	0 \$	-
39	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	0 \$	- (0.40.07)	0 \$	-	0 \$	- (1= 0=)	0 \$	267.28	0 \$	-	0 \$	-
40	RT Price Volatility Make Whole Payment SUBTOTAL	555.42	0 \$	(848.95)	0 \$	36,138.33	0 \$	(17.05)	0 \$	726.08	0 \$		0 \$	-
41	RNU & Misc Charges		0 \$	(9,324.41)	0 \$	43,705.41	0 \$	(186.92)	0 \$	5,519.23	U	; -	U \$	-
42	RT Misc Amount	FFF 2F	O 6		O &		0 \$		0 \$		0 0	<u> </u>	0 \$	
43	RT Net Inadvertent Amount	555.25 555.27	0 \$ 0 \$	(13,143.94)	0 \$ 0 \$	19,442.83	0 \$	-	0 \$	-	0 \$	-	0 \$	-
44	RT Revenue Neutrality Uplift Amount	555.28	0 \$	(136,982.82)	υφ	24,677.60	0 \$	- (2,751.95)	O &	- 495.69	0 4	- 2	υ φ 0 Φ	-
45	RT Uninstructed Deviation Amount	555.31	0 \$	(100,902.02)	0 ¢	27,077.00	0 \$	(2,/01.90)	0	т ЭО.ОЭ _) n ¢	, <u>-</u> } -	0 \$ 0 ¢	_ [
46	RT Demand Response Allocation Uplift Amount	555.59	0 \$	(54.77)	О Ф Ф	0.03	0 \$	- -	0 \$	_	0 \$	- } -	0 \$ 0 \$	_
47	DA Ramp Product	555.63	0 \$	(U 1.//) -	0 \$	15,483.50	0 \$	- -	0 \$	_	0 \$	- -	0 \$	_
48	RT Ramp Product	555.64	0 \$	(414.42)	0 \$	1,477.97	0 \$	-	0 \$	_		-	0 \$	_
49	RT Schedule 49 Cost Distribution Amount	555.65	0 \$	(25,458.39)	0 \$	-, . , , . , ,	0 \$	_	0 \$	_	0 \$	-	0 \$	_
50	SUBTOTAL	200,00	0 \$	(176,054.34)	0 \$	61,081.93	0 \$	(2,751.95)	0 \$	495.69	0 \$, -	0 \$	-
	ASM Charges		, , , , , , , , , , , , , , , , , , ,		· · ·		1		T				1	
51	RT ASM Non-Excessive Energy Amount	555.55	(55,291) \$	(947,193.20)	14,291 \$	348,194.90	(2,123) \$	(7,063.50)	8,560 \$	280,593.79	0 \$	-	0 \$	-
52	RT ASM Excessive Energy Amount	555.56	(355) \$	(5,910.26)	101 \$	1,599.06	(2) \$	(236.73)	1 \$	12.02	0 \$	-	0 \$	-
53	SUBTOTAL		(55,647) \$	(953,103.46)	14,391 \$		(2,125) \$	(7,300.23)	8,561 \$	280,605.81		-	0 \$	-

					Detail of MISO	il Power Company Day 2 Charges - Sy cludes any adjustm								
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
					ETAIL		_	ASSET BASED			_		ASED WHOLESAL	
~	Charge Type Description	Acct	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
	randfathered Charge Types					1	0 +						2 1	
54	DA Congestion Rebate on COGA	555.05	0 \$	-	0	•	0 \$	-	0 \$	-	0 \$	-	0 \$	-
55	DA Losses Rebate on COGA	555.06	0 \$	-	0	\$ -	0 \$	-	0 \$	-	0 \$	-	0 \$	-
56	RT Congestion Rebate on COGA	555.22	0 \$	-		\$ -	0 \$	-	0 \$	-	0 \$	-	0 \$	-
57	RT Loss Rebate on COGA	555.23	0 \$		0		0 \$	-	0 \$	-	0 \$		0 \$	_
58	SUBTOTAL		0 \$	-	0	\$ -	0 \$	-	0 \$	-	0 \$	-	0 \$	-
59 TC	OTAL MISO DAY 2 CHARGES		(468.236) \$	(13,722,011.87)	292.863	\$ 10,912,648.32	(2,125) \$	(11.199.46)	11,232 \$	366,940.13	0 \$		0 \$	
60	Less Schedule 16 & 17 (Lines 16, 17, 18)		\$	(62,922.30)		\$ 362.42	(Ξ,1ΞΘ) ψ	(11,177,10)	11,202 ψ	000,710.10	Ψ		Ψ	
61	Congestion and Losses Adjustment		\$ \$	(646,579.72)		Ψ σσ==								
62	No DA generation sch., but still had output for current month		φ \$	(56,473.48)										
63 64			,	(==, ===,										
65	Total for MN Energy Adjustment Rider		\$	(12,956,036.37)		\$ 10,912,285.90								
66	Net Retail for MN Energy Adjustment Rider		·		\$ (2,043,750.47)	, , ,								
67 Re	tail MWh include losses of 2.8%													
	DDITIONAL REVENUE AND COSTS OF ASSET BASED AND NON ASSE	T BASED TR	RANSACTIONS											
68	NET MISO (Rev-Cost and MWh)								\$	355,740.67			\$	-
69	Less: Fuel Cost								8,783 \$					
70	Less: Misc Cost Adjustment								\$	(54,464.74)			\$	-
71	Plus: Capacity Revenue												\$	-
72	Plus: Bilateral Sales												\$	-
73	Less: Bilateral Purchases												\$	-
74	Less: Schedule 24 for Asset Based Sales								\$	36.54			\$	_
75														
76	TOTAL ASSET or NON ASSET BASED WHOLESALE								\$	151,115.15			\$	-
, I														

Otter Tail Power Company Detail of MISO Day 2 Charges - System June 2024 includes any adjustments

		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
					ΓAIL			ASSET BASED V					ASED WHOLESALE	
37 3	Charge Type Description	Acct	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
No.	Day Ahead & Real Time Energy	00	(00= (00) +	(5.500.050.04)	0.5 100 +	4 500 400 00	0 +		0.651	50.505.55	0 +		0 +	
$\begin{bmatrix} 1 \\ 2 \end{bmatrix}$	DA Asset Energy Amount	555.02	(385,693) \$	(7,722,278.21)	265,132 \$	4,532,408.32	0 \$	-	2,671 \$	79,507.77	0 \$	-	0 \$	-
$\begin{bmatrix} 2 \\ 0 \end{bmatrix}$	DA Non-asset Energy Amount	555.09	0 \$	(5.40.000.00)	3,457 \$	79,200.31	0 \$	-	0 \$	-	0 \$	-	0 \$	-
3	RT Asset Energy Amount	555.19	(26,897) \$	(548,020.39)	9,883 \$	189,580.18	0 \$	-	0 \$	-	0 \$	-	0 \$	-
5	RT Non-Asset Energy Amount SUBTOTAL	555.26	0 \$	(8,270,298.60)	0 \$ 278,472 \$	4,801,188.81	0 \$ 0 \$	-	0 \$ 2,671 \$	79,507.77	0 \$	<u>-</u>	0 \$ 0 \$	-
	Day Ahead & Real Time Energy Loss		(412,390) \$	(8,2/0,298.00)	278,472 \$	4,001,100.01	U \$	-	2,0/1 \$	/9,30/.//	U 5	-	υ \$	-
6	DA FBT Loss Amount	555.04	0 \$	_	0 \$		0 \$		0 \$		0 \$		0 \$	
7	RT Distribution of Losses Amount	555.24	0 \$	(14,956.06)	0 \$	198,467.02	0 \$	-	0 \$	-	0 \$	-	0 ¢	-
8	RT FBT Loss Amount	555.21	0 \$	(14,930.00)	0 \$	190,407.02	0 \$	_	0 \$	_	0 \$	<u>-</u>	0 \$ 0 \$	-
9	DA Loss Amount	333.21	0 \$	(81,096.63)	0 ¢	_	0 \$	_	0 \$	_	0 \$	_	0 φ	_
10	RT Loss Amount		0 \$	6,562.77	0 \$	_	0 \$	_	0 \$	_	0 \$	_	0 \$ 0 \$	_
11	DA Losses Rebate on Option B GFA	555.08	0 \$	0,502.77	0 \$	_	0 \$	_	0 \$	_	0 \$	_	0 \$	_
12	SUBTOTAL	000.00	0 \$	(89,489.92)	0 \$	198,467.02	0 \$	_	0 \$	_	0 \$		0 \$	_
	Virtual Energy		5	(62,162,12	σ φ	270,10700	5		<u> </u>		J 4		Ţ,	
13	DA Virtual Energy Amount	555.12	0 \$	-	0 \$	-	0 \$		0 \$	-	0 \$		0 \$	_
14	RT Virtual Energy Amount	555.32	0 \$	_	0 \$	_	0 \$	_	0 \$	_	0 \$		0 \$	-
15	SUBTOTAL	233,32	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$		0 \$	-
	Schedules 16 & 17		T		- T		1		T				- T	
16	DA Mkt Admin Amount	555.01	0 \$	(52,412.26)	0 \$	-	0 \$	(210.29)	0 \$	-	0 \$	-	0 \$	-
17	RT Mkt Admin Amount	555.18	0 \$	(9,332.44)	0 \$	362.42	0 \$	(750.07)	0 \$	811.63	0 \$	_	0 \$	_
18	FTR Mkt Admin Amount	555.13	0 \$	(1,177.60)	0 \$	-	0 \$	-	0 \$	_	0 \$	-	0 \$	-
19	SUBTOTAL		0 \$	(62,922.30)	0 \$	362.42	0 \$	(960.36)	0 \$	811.63	0 \$	-	0 \$	-
	Congestion & FTRs													
20	DA FBT Congestion Amount	555.03	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
21	DA Congestion		0 \$	-	0 \$	(590,198.37)	0 \$	-	0 \$	-	0 \$	-	0 \$	-
22	RT FBT Congestion Amount	555.20	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
23	RT Congestion		0 \$	(36,937.65)	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
24	FTR Hourly Allocation Amount	555.14	0 \$	(80,038.83)	0 \$	1,754,536.42	0 \$	-	0 \$	-	0 \$	-	0 \$	-
25	FTR Monthly Allocation Amount	555.15	0 \$	-	0 \$	19,116.51	0 \$	-	0 \$	-	0 \$	-	0 \$	-
26	FTR Yearly Allocation Amount	555.17	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
27	FTR Monthly Transaction Amount	555.35	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
28	FTR Full Funding Guarantee Amount	555.36	0 \$	(18,936.91)	0 \$	48,604.08	0 \$	-	0 \$	-	0 \$	-	0 \$	-
29	FTR Guarantee Uplift Amount	555.37	0 \$	(48,604.08)	0 \$	1,903.76	0 \$	-	0 \$	-	0 \$	-	0 \$	-
30	FTR Auction Revenue Rights Transaction Amount	555.39	0 \$	(1,657.92)	0 \$	4,007,597.06	0 \$	-	0 \$	-	0 \$	-	0 \$	-
31	FTR Annual Transaction Amount	555.38	0 \$	(3,972,803.01)	0 \$	1,657.92	0 \$	-	0 \$	-	0 \$	-	0 \$	-
32	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	0 \$	(1,840.44)	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
33	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	0 \$	-	0 \$	214,831.39	0 \$	-	0 \$	-	0 \$	-	0 \$	-
34	DA Congestion Rebate on Option B GFA	555.07	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
35	SUBTOTAL DECEMBER OF THE PROPERTY OF THE PROPE		0 \$	(4,160,818.84)	0 \$	5,458,048.77	0 \$	-	0 \$	-	0 \$	-	0 \$	-
	RSG & Make Whole Payments		2 1	(= 04= =0)			^ ·	(101.53	2 1		6			
36	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	0 \$	(5,217.52)	0 \$	-	0 \$	(104.66)	0 \$	4.510.00	0 \$	-	0 \$	-
37	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	0 \$	(0.057.04)	0 \$	7,266.59	0 \$	-	0 \$	4,519.96	0 \$	-	0 \$	-
38	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29	0 \$	(3,257.94)	0 \$	300.49	0 \$	(65.21)	0 \$	5.91	0 \$	-	0 \$	-
39	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount RT Price Volatility Make Whole Payment	555.30 555.42	0 \$ 0 \$	- (848.95)	0 \$ 0 \$	36,138.33	0 \$	- (17.05)	0 \$ 0 \$	267.28 726.08	0 \$	-	U \$	-
40	SUBTOTAL	555.42	0 \$	(848.95) (9,324.41)	0 \$	43,705.41	0 \$	(17.05) (186.92)	0 \$	5,519.23	0 \$	<u>-</u>	0 \$	<u>-</u>
	RNU & Misc Charges		υφ	(7,044.41)	U \$	70,/U0.41	υφ	(100.94)	υφ	J,J17.20	U \$	-	υ \$	-
42	RT Misc Amount	555.25	0 \$		0 \$		0 \$		0 \$		0 \$		0 \$	
43	RT Net Inadvertent Amount	555.25 555.27	0 \$	(13,143.94)	0 \$	19,442.83	0 \$	<u>-</u>	0 \$		0 \$	-	ο φ	- -
44	RT Revenue Neutrality Uplift Amount	555.28	0 \$	(136,982.82)	О Ф О Ф	24,677.60	0 \$	(2,751.95)	0 \$	495.69	0 \$	- -	0	- -
45	RT Uninstructed Deviation Amount	555.31	0 \$	(100,702.02)	О Ф О Ф	21,077.00	0 ¢	(4,701.90)	ο φ Ω \$	T/0.03	0 \$	- -	0	- -
46	RT Demand Response Allocation Uplift Amount	555.59	0 \$	(54.77)	0 \$ 0 \$	0.03	0 \$	_	ο φ 0 \$	_	0 \$	- -	0 \$ 0 \$	- -
47	DA Ramp Product	555.63	0 \$	-	0 \$	15,483.50	0 \$	_	0 \$	_	0 \$	_	0 \$	_
48	RT Ramp Product	555.64	0 \$	(414.42)	0 \$	1,477.97	0 \$	_	0 \$	_	0 \$	_	0 \$	_
49	RT Schedule 49 Cost Distribution Amount	555.65	0 \$	(25,458.39)	0 \$		0 \$	_	0 \$	_	0 \$	-	0 \$	-
50	SUBTOTAL	- 32.30	0 \$	(176,054.34)	0 \$	61,081.93	0 \$	(2,751.95)	0 \$	495.69	0 \$	-	0 \$	-
	ASM Charges		T		- T		1		T					
51	RT ASM Non-Excessive Energy Amount	555.55	(55,291) \$	(947,193.20)	14,291 \$	348,194.90	(2,123) \$	(7,063.50)	8,560 \$	280,593.79	0 \$	-	0 \$	-
52	RT ASM Excessive Energy Amount	555.56	(355) \$	(5,910.26)	101 \$	1,599.06	(2) \$	(236.73)	1 \$	12.02	· ·	-	0 \$	-
53	SUBTOTAL		(55,647) \$	(953,103.46)	14,391 \$		(2,125) \$	(7,300.23)	8,561 \$	280,605.81			0 \$	
				· · · · · · · · · · · · · · · · · · ·	<u> </u>	·		· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	+			

					Detail of MISC	il Power Company Day 2 Charges - S cludes any adjustn	ystem							
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
					TAIL			ASSET BASED					ASED WHOLESALI	
	9 11 1	Acct	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
	Grandfathered Charge Types													
54		555.05	0 \$	-	0	\$ -	0 \$	-	0 \$	-	0 \$	-	0 \$	-
55		555.06	0 \$	-	0	\$ -	0 \$	-	0 \$	-	0 \$	-	0 \$	-
56	•	555.22	0 \$	-	0	\$ -	0 \$	-	0 \$	-	0 \$	-	0 \$	-
57		555.23	0 \$		0	1	0 \$	-	0 \$	-	0 \$	-	0 \$	-
58	SUBTOTAL		0 \$	-	0	\$ -	0 \$	-	0 \$	-	0 \$	-	0 \$	-
			T .											
	TOTAL MISO DAY 2 CHARGES		(468,236) \$	(13,722,011.87)	292,863	\$ 10,912,648.32	(2,125) \$	(11,199.46)	11,232 \$	366,940.13	0 \$	-	0 \$	-
60			\$	(62,922.30)		\$ 362.42								
61	Congestion and Losses Adjustment		\$	(646,579.72)										
62	No DA generation sch., but still had output for current month		\$	(56,473.48)										
63														
64														
65	Total for MN Energy Adjustment Rider		\$	(12,956,036.37)		\$ 10,912,285.90								
66				:	\$ (2,043,750.47)									
67	Retail MWh include losses of 2.8%													
											•			
	ADDITIONAL REVENUE AND COSTS OF ASSET BASED AND NON ASSET BA	ASED TR	ANSACTIONS											
68	NET MISO (Rev-Cost and MWh)								\$	355,740.67			\$	
69	Less: Fuel Cost								8,783 \$	259,053.72				
70	Less: Misc Cost Adjustment								\$	(54,464.74)			\$	-
71	Plus: Capacity Revenue												\$	-
72	Plus: Bilateral Sales												\$	-
73	Less: Bilateral Purchases												\$	-
74	Less: Schedule 24 for Asset Based Sales								\$	36.54			\$	-
75									·				·	
76									\$	151,115.15			\$	-
									·					
							1							

Otter Tail Power Company Detail of MISO Day 2 Charges - System July 2024 includes any adjustments (A) (B) (D) (H) (I) (J) (M) NON ASSET BASED WHOLESALE ASSET BASED WHOLESALE **RETAIL** MWh MWh **Charge Type Description** Cost MWh Cost MWh Cost MWh Revenue MWh Revenue Revenue Acct No. Day Ahead & Real Time Energy DA Asset Energy Amount 555.02 (479,855) \$ (14,415,062.35)383,447 \$ 12,485,248.75 24,547 \$ 1,149,725.92 0 \$ 0 \$ 0 \$ 2 DA Non-asset Energy Amount 555.09 0 \$ 4,281 \$ 125,485.62 0 \$ 0 \$ 0 \$ 0 \$ 555.19 (23,769) \$ (737,632.53)11,930 \$ 299,669.03 0 \$ 0 0 \$ RT Asset Energy Amount 555.26 0 \$ RT Non-Asset Energy Amount 5 **SUBTOTAL** (503,624) \$ (15,152,694.88) 399,657 \$ 12,910,403.40 0 \$ 24,547 \$ 1,149,725.92 0 \$ 0 \$ Day Ahead & Real Time Energy Loss 555.04 **DA FBT Loss Amount** 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 555.24 0 \$ (94,320.56)293,219.88 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ RT Distribution of Losses Amount 555.21 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ RT FBT Loss Amount 0 \$ (719,899.90)0 \$ 0 \$ 0 \$ 0 \$ DA Loss Amount 0 \$ 10 (19,685.37)0 \$ **RT Loss Amount** 0 \$ 0 \$ 0 \$ 0 \$ 555.08 DA Losses Rebate on Option B GFA 12 293,219.88 (833,905.83)**SUBTOTAL** 0 \$ 0 \$ 0 \$ 0 \$ -0 \$ 0 \$ Virtual Energy DA Virtual Energy Amount 555.12 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 14 **RT Virtual Energy Amount** 555.32 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 15 **SUBTOTAL** 0 \$ 0 \$ -0 \$ 0 \$ 0 \$ 0 \$ Schedules 16 & 17 555.01 DA Mkt Admin Amount 0 \$ (67,005.57)(1,953.72)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 17 0 \$ 328.72 109.39 **RT Mkt Admin Amount** 555.18 (8,438.47)0 \$ 0 \$ (1,392.27)0 \$ 0 \$ 0 \$ 18 FTR Mkt Admin Amount 555.13 0 \$ (2,036.00)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 19 (77,480.04) 328.72 **SUBTOTAL** 0 \$ 0 \$ 0 \$ (3,345.99)0 \$ 109.39 0 \$ 0 \$ **Congestion & FTRs** 555.03 **DA FBT Congestion Amount** 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 21 DA Congestion (735,859.76)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 22 555.20 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ RT FBT Congestion Amount 23 RT Congestion 0 \$ (51,077.44)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 24 FTR Hourly Allocation Amount 555.14 0 \$ (55,819.76)960,455.94 0 \$ 0 \$ 0 \$ 25 FTR Monthly Allocation Amount 555.15 0 \$ 0 \$ 25,232.34 0 \$ 0 \$ 0 \$ 0 \$ 26 555.17 FTR Yearly Allocation Amount 0 \$ 0 \$ 0 \$ 0 \$ 27 FTR Monthly Transaction Amount 555.35 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 28 555.36 15,162.59 0 \$ FTR Full Funding Guarantee Amount 0 \$ (24,972.41)0 \$ 0 \$ 0 \$ 0 \$ 29 FTR Guarantee Uplift Amount 555.37 (15,162.59)24,972.41 0 \$ 0 \$ 0 \$ 30 555.39 FTR Auction Revenue Rights Transaction Amount 0 \$ (1,657.92)4,007,597.06 0 \$ 0 \$ 31 FTR Annual Transaction Amount 555.38 0 \$ 1,657.92 0 \$ 0 \$ (3,972,803.01)0 \$ 0 \$ 0 \$ 32 FTR Auction Revenue Rights Infeasible Uplift Amount 555.40 0 \$ (1,840.44)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 33 FTR Auction Revenue Rights Stage 2 Distribution Amount 555.41 214,831.39 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 34 DA Congestion Rebate on Option B GFA 555.07 35 **SUBTOTAL** 0 \$ (4,123,333.57) 0 \$ 4,514,049.89 0 \$ 0 \$ 0 \$ 0 \$ RSG & Make Whole Payments (7,124.61)DA Revenue Sufficiency Guarantee Distribution Amount 555.10 0 \$ 0 \$ (594.72)0 \$ 0 \$ 0 \$ 0 \$ 37 DA Revenue Sufficiency Guarantee Make Whole Pymt Amount 18,567.66 0 \$ 2,589.08 0 \$ 555.11 0 \$ 0 \$ 0 \$ 0 \$ 38 555.29 RT Revenue Sufficiency Guarantee First Pass Distribution Amount 0 \$ (7,116.21)39.17 (593.76)3.15 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ RT Revenue Sufficiency Guarantee Make Whole Pymt Amount 10,084.84 0 \$ 0 \$ 0 \$ 40 RT Price Volatility Make Whole Payment 555.42 0 \$ (6.25)0 \$ 20,692.80 0 \$ (0.52)0 \$ 1,727.67 0 \$ 0 \$ 41 SUBTOTAL (14,247.07) 0 \$ 39,299.63 0 \$ (1,189.00)0 \$ 14,404.74 0 \$ 0 \$ 0 \$ RNU & Misc Charges **RT Misc Amount** 555.25 (716.42)707.27 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 43 RT Net Inadvertent Amount 555.27 (19,214.46)0 \$ 0 \$ 0 \$ 22,257.41 0 \$ 0 \$ 0 \$ 44 RT Revenue Neutrality Uplift Amount 555.28 0 \$ (158,655.39) 0 \$ 25,669.66 0 \$ (13,246.27)0 \$ 2,143.13 0 \$ 45 RT Uninstructed Deviation Amount 555.31 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 46 RT Demand Response Allocation Uplift Amount 555.59 (3,149.28)27.10 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 47 DA Ramp Product 555.63 0 \$ 0 \$ 13,835.63 0 \$ 0 \$ 0 \$ 0 \$ 48 RT Ramp Product 555.64 0 \$ 0 \$ (676.29)0 \$ 1,439.16 0 \$ 0 \$ 0 \$ 49 RT Schedule 49 Cost Distribution Amount 555.65 0 \$ (23,288.58)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 50 SUBTOTAL (205,700.42)63,936.23 (13,246.27) 2,143.13 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ **ASM Charges**

11,587 \$

11,599 \$

12 \$

206,239.53

206,505.89

266.36

(70,740.47)

(117.26)

(70,857.73) 13,016 \$

13,004 \$

12 \$

361,091.08

361,293.96

202.88

0 \$

0 \$

0 \$

0 \$

0 \$

0 \$

(3,492) \$

(3,492) \$

(0) \$

(1,298,035.07)

(1,081.06)

(56,867) \$

(276) \$

(57,143) \$ (1,299,116.13)

555.55

555.56

RT ASM Non-Excessive Energy Amount

RT ASM Excessive Energy Amount

					Otter Ta	il Power Company								
						Day 2 Charges - Sy	stem							
						cludes any adjustme								
					•	<i>.</i>								
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
					TAIL			ASSET BASED		LE			ASED WHOLESALE	2
		Acct	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
	Grandfathered Charge Types													
54	e e e e e e e e e e e e e e e e e e e	555.05	0 \$	-	0	\$ -	0 \$	-	0	-	0 \$	-	0 \$	-
55		555.06	0 \$	-	0	\$ -	0 \$	-	0	-	0 \$	-	0 \$	-
56	-	555.22	0 \$	-	0	·	0 \$	-	0 :	-	0 \$	-	0 \$	-
57		555.23	0 \$	-	0	•	0 \$	-	0 :		0 \$	-	0 \$	-
58	8 SUBTOTAL		0 \$	-	0	\$ -	0 \$	-	0	-	0 \$	-	0 \$	-
	9 TOTAL MISO DAY 2 CHARGES		(560,767) \$ (21,706,477.94)	411,256	\$ 18,027,743.64	(3,492) \$	(88,638.99)	37,563	1,527,677.14	0 \$	-	0 \$	-
60			\$	(77,480.04)		\$ 328.72								
61	· ·		\$	(5,232,216.22)										
62			\$	-										
63	3													
64				(4 c 00 c = 04 c 0)		± 40.00= 44.4.00								
65			\$ ((16,396,781.68)		\$ 18,027,414.92								
66				4	1,630,633.24									
67	7 Retail MWh include losses of 2.8%													
	ADDITIONAL REVENUE AND COSTS OF ASSET BASED AND NON ASSET B.	ACED TD	ANGACTIONS											
65		ASED IK	ANSACTIONS							\$ 1,439,038.15			ф	
68 69									33,825	\$ 1,439,038.13 \$ 883,667.74			•	-
70									JJ,02J	(2,260.56)			ф	_
71									•	ψ (2,200.30)			ማ ው	<u>-</u>
72	1 v												ማ ው	-
73													Ψ Φ	_
74									,	\$ 498.62			\$	- -
75										170.02			Ψ	
76									:	\$ 557,132.35			\$	-
									<u>`</u>	, 307,132.00			Ψ	

Otter Tail Power Company Detail of MISO Day 2 Charges - System July 2024 includes any adjustments (A) (B) (D) (H) (I) (J) (M) NON ASSET BASED WHOLESALE ASSET BASED WHOLESALE **RETAIL** MWh MWh **Charge Type Description** Cost MWh Cost MWh Cost MWh Revenue MWh Revenue Revenue Acct No. Day Ahead & Real Time Energy DA Asset Energy Amount 555.02 (479,855) \$ (14,415,062.35)383,447 \$ 12,485,248.75 24,547 \$ 1,149,725.92 0 \$ 0 \$ 0 \$ 2 DA Non-asset Energy Amount 555.09 0 \$ 4,281 \$ 125,485.62 0 \$ 0 \$ 0 \$ 0 \$ 555.19 (23,769) \$ (737,632.53)11,930 \$ 299,669.03 0 \$ 0 0 \$ RT Asset Energy Amount 555.26 0 \$ RT Non-Asset Energy Amount 5 **SUBTOTAL** (503,624) \$ (15,152,694.88) 399,657 \$ 12,910,403.40 0 \$ 24,547 \$ 1,149,725.92 0 \$ 0 \$ Day Ahead & Real Time Energy Loss 555.04 **DA FBT Loss Amount** 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 555.24 0 \$ (94,320.56)293,219.88 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ RT Distribution of Losses Amount 555.21 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ RT FBT Loss Amount 0 \$ (719,899.90)0 \$ 0 \$ 0 \$ 0 \$ DA Loss Amount 0 \$ 10 (19,685.37)0 \$ **RT Loss Amount** 0 \$ 0 \$ 0 \$ 0 \$ 555.08 DA Losses Rebate on Option B GFA 12 293,219.88 (833,905.83)**SUBTOTAL** 0 \$ 0 \$ 0 \$ 0 \$ -0 \$ 0 \$ Virtual Energy DA Virtual Energy Amount 555.12 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 14 **RT Virtual Energy Amount** 555.32 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 15 **SUBTOTAL** 0 \$ 0 \$ -0 \$ 0 \$ 0 \$ 0 \$ Schedules 16 & 17 555.01 DA Mkt Admin Amount 0 \$ (67,005.57)(1,953.72)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 17 0 \$ 328.72 109.39 **RT Mkt Admin Amount** 555.18 (8,438.47)0 \$ 0 \$ (1,392.27)0 \$ 0 \$ 0 \$ 18 FTR Mkt Admin Amount 555.13 0 \$ (2,036.00)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 19 (77,480.04) 328.72 **SUBTOTAL** 0 \$ 0 \$ 0 \$ (3,345.99)0 \$ 109.39 0 \$ 0 \$ **Congestion & FTRs** 555.03 **DA FBT Congestion Amount** 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 21 DA Congestion (735,859.76)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 22 555.20 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ RT FBT Congestion Amount 23 RT Congestion 0 \$ (51,077.44)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 24 FTR Hourly Allocation Amount 555.14 0 \$ (55,819.76)960,455.94 0 \$ 0 \$ 0 \$ 25 FTR Monthly Allocation Amount 555.15 0 \$ 0 \$ 25,232.34 0 \$ 0 \$ 0 \$ 0 \$ 26 555.17 FTR Yearly Allocation Amount 0 \$ 0 \$ 0 \$ 0 \$ 27 FTR Monthly Transaction Amount 555.35 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 28 555.36 15,162.59 0 \$ FTR Full Funding Guarantee Amount 0 \$ (24,972.41)0 \$ 0 \$ 0 \$ 0 \$ 29 FTR Guarantee Uplift Amount 555.37 (15,162.59)24,972.41 0 \$ 0 \$ 0 \$ 30 555.39 FTR Auction Revenue Rights Transaction Amount 0 \$ (1,657.92)4,007,597.06 0 \$ 0 \$ 31 FTR Annual Transaction Amount 555.38 0 \$ 1,657.92 0 \$ 0 \$ (3,972,803.01)0 \$ 0 \$ 0 \$ 32 FTR Auction Revenue Rights Infeasible Uplift Amount 555.40 0 \$ (1,840.44)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 33 FTR Auction Revenue Rights Stage 2 Distribution Amount 555.41 214,831.39 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 34 DA Congestion Rebate on Option B GFA 555.07 35 **SUBTOTAL** 0 \$ (4,123,333.57) 0 \$ 4,514,049.89 0 \$ 0 \$ 0 \$ 0 \$ RSG & Make Whole Payments (7,124.61)DA Revenue Sufficiency Guarantee Distribution Amount 555.10 0 \$ 0 \$ (594.72)0 \$ 0 \$ 0 \$ 0 \$ 37 18,567.66 0 \$ 2,589.08 0 \$ DA Revenue Sufficiency Guarantee Make Whole Pymt Amount 555.11 0 \$ 0 \$ 0 \$ 0 \$ 38 555.29 RT Revenue Sufficiency Guarantee First Pass Distribution Amount 0 \$ (7,116.21)39.17 (593.76)3.15 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ RT Revenue Sufficiency Guarantee Make Whole Pymt Amount 10,084.84 0 \$ 0 \$ 0 \$ 40 RT Price Volatility Make Whole Payment 555.42 0 \$ (6.25)0 \$ 20,692.80 0 \$ (0.52)0 \$ 1,727.67 0 \$ 0 \$ 41 SUBTOTAL (14,247.07) 0 \$ 39,299.63 0 \$ (1,189.00)0 \$ 14,404.74 0 \$ 0 \$ 0 \$ RNU & Misc Charges **RT Misc Amount** 555.25 (716.42)707.27 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 43 RT Net Inadvertent Amount 555.27 (19,214.46)0 \$ 0 \$ 0 \$ 22,257.41 0 \$ 0 \$ 0 \$ 44 RT Revenue Neutrality Uplift Amount 555.28 0 \$ (158,655.39) 0 \$ 25,669.66 0 \$ (13,246.27)0 \$ 2,143.13 0 \$ 45 RT Uninstructed Deviation Amount 555.31 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 46 RT Demand Response Allocation Uplift Amount 555.59 (3,149.28)27.10 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 47 DA Ramp Product 555.63 0 \$ 0 \$ 13,835.63 0 \$ 0 \$ 0 \$ 0 \$ 48 RT Ramp Product 555.64 0 \$ 0 \$ (676.29)0 \$ 1,439.16 0 \$ 0 \$ 0 \$ 49 RT Schedule 49 Cost Distribution Amount 555.65 0 \$ (23,288.58)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 50 SUBTOTAL (205,700.42)63,936.23 (13,246.27) 2,143.13 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ **ASM Charges**

11,587 \$

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206,239.53

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(70,740.47)

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(70,857.73) 13,016 \$

13,004 \$

12 \$

361,091.08

361,293.96

202.88

0 \$

0 \$

0 \$

0 \$

0 \$

0 \$

(3,492) \$

(3,492) \$

(0) \$

(1,298,035.07)

(1,081.06)

(56,867) \$

(276) \$

(57,143) \$ (1,299,116.13)

555.55

555.56

RT ASM Non-Excessive Energy Amount

RT ASM Excessive Energy Amount

					Otter Ta	il Power Company								
						Day 2 Charges - Sy	stem							
						cludes any adjustme								
					•	<i>.</i>								
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
					TAIL			ASSET BASED		LE			ASED WHOLESALE	2
		Acct	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
	Grandfathered Charge Types													
54	e e e e e e e e e e e e e e e e e e e	555.05	0 \$	-	0	\$ -	0 \$	-	0 :	-	0 \$	-	0 \$	-
55		555.06	0 \$	-	0	\$ -	0 \$	-	0	-	0 \$	-	0 \$	-
56	-	555.22	0 \$	-	0	·	0 \$	-	0 :	-	0 \$	-	0 \$	-
57		555.23	0 \$	-	0	•	0 \$	-	0 :		0 \$	-	0 \$	-
58	8 SUBTOTAL		0 \$	-	0	\$ -	0 \$	-	0	-	0 \$	-	0 \$	-
	9 TOTAL MISO DAY 2 CHARGES		(560,767) \$ (21,706,477.94)	411,256	\$ 18,027,743.64	(3,492) \$	(88,638.99)	37,563	1,527,677.14	0 \$	-	0 \$	-
60			\$	(77,480.04)		\$ 328.72								
61	· ·		\$	(5,232,216.22)										
62			\$	-										
63	3													
64				(4 c 00 c = 04 c 0)		± 40.00= 44.4.00								
65			\$ ((16,396,781.68)		\$ 18,027,414.92								
66				4	1,630,633.24									
67	7 Retail MWh include losses of 2.8%													
	ADDITIONAL REVENUE AND COSTS OF ASSET BASED AND NON ASSET B.	ACED TD	ANGACTIONS											
65		ASED IK	ANSACTIONS							\$ 1,439,038.15			ф	
68 69									33,825	\$ 1,439,038.13 \$ 883,667.74			•	-
70									JJ,02J	(2,260.56)			ф	_
71									•	ψ (2,200.30)			ማ ው	<u>-</u>
72	1 v												ማ ው	-
73													Ψ Φ	_
74									,	\$ 498.62			\$	- -
75										170.02			Ψ	
76									:	\$ 557,132.35			\$	-
									<u>`</u>	, 307,132.00			Ψ	

Otter Tail Power Company Detail of MISO Day 2 Charges - System August 2024 includes any adjustments (A) (B) (D) (H) (I) (J) (M) NON ASSET BASED WHOLESALE ASSET BASED WHOLESALE **RETAIL** MWh MWh **Charge Type Description** Cost MWh Cost MWh MWh Cost MWh Revenue Revenue Revenue Acct No. Day Ahead & Real Time Energy 555.02 (444,432) \$ (12,716,309.62)300,263 \$ 9,390,610.12 12,417 \$ 532,142.20 DA Asset Energy Amount 0 \$ 0 \$ 0 \$ 2 DA Non-asset Energy Amount 555.09 0 \$ 4,206 \$ 113,844.02 0 \$ 0 \$ 0 \$ 0 \$ 555.19 (11,395) \$ (28,073.93)15,649 \$ 402,625.62 0 \$ 0 0 \$ RT Asset Energy Amount 555.26 RT Non-Asset Energy Amount 5 **SUBTOTAL** (455,827) \$ (12,744,383.55) 320,118 \$ 9,907,079.76 0 \$ 12,417 \$ 532,142.20 0 \$ 0 \$ Day Ahead & Real Time Energy Loss 555.04 **DA FBT Loss Amount** 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 555.24 0 \$ (32,438.56)231,122.84 0 \$ **RT Distribution of Losses Amount** 0 \$ 0 \$ 0 \$ 0 \$ 555.21 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ RT FBT Loss Amount 0 \$ (509,869.46)0 \$ 0 \$ 0 \$ 0 \$ DA Loss Amount 0 \$ 10 **RT Loss Amount** (22,227.49)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 555.08 DA Losses Rebate on Option B GFA 0 \$ 12 0 \$ (564,535.51) 231,122.84 **SUBTOTAL** 0 \$ 0 \$ 0 \$ -0 \$ 0 \$ Virtual Energy **DA Virtual Energy Amount** 555.12 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 14 **RT Virtual Energy Amount** 555.32 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 15 **SUBTOTAL** 0 \$ 0 \$ -0 \$ 0 \$ 0 \$ 0 \$ -Schedules 16 & 17 555.01 (58,472.22)DA Mkt Admin Amount 0 \$ (995.57)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 17 0 \$ 416.92 (1,467.97)171.51 **RT Mkt Admin Amount** 555.18 (7,595.91)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 18 FTR Mkt Admin Amount 555.13 0 \$ (1,776.32)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 19 (67,844.45) **SUBTOTAL** 0 \$ 0 \$ 416.92 0 \$ (2,463.54)0 \$ 171.51 0 \$ 0 \$ **Congestion & FTRs** 555.03 **DA FBT Congestion Amount** 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 21 0 \$ (1,557,383.88)DA Congestion 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 22 **RT FBT Congestion Amount** 555.20 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 23 RT Congestion (326,515.02)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 24 FTR Hourly Allocation Amount 555.14 0 \$ (173,926.22)2,572,436.77 0 \$ 0 \$ 0 \$ 25 FTR Monthly Allocation Amount 555.15 0 \$ 0 \$ 15,468.66 0 \$ 0 \$ 0 \$ 0 \$ 26 555.17 FTR Yearly Allocation Amount 0 \$ 0 \$ 0 \$ 0 \$ 27 FTR Monthly Transaction Amount 555.35 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 28 555.36 (15,468.66)0 \$ FTR Full Funding Guarantee Amount 0 \$ 0 \$ 116,515.28 0 \$ 0 \$ 0 \$ 29 FTR Guarantee Uplift Amount 555.37 (116,515.28)15,468.66 0 \$ 0 \$ 30 555.39 FTR Auction Revenue Rights Transaction Amount 0 \$ (1,657.92)4,007,597.06 0 \$ 0 \$ 31 555.38 0 \$ 1,657.92 0 \$ 0 \$ FTR Annual Transaction Amount (3,972,803.01)0 \$ 0 \$ 0 \$ 32 FTR Auction Revenue Rights Infeasible Uplift Amount 555.40 0 \$ (1,840.44)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ FTR Auction Revenue Rights Stage 2 Distribution Amount 33 555.41 214,831.39 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 34 DA Congestion Rebate on Option B GFA 555.07 35 **SUBTOTAL** 0 \$ (4,608,726.55) 0 \$ 5,386,591.86 0 \$ 0 \$ 0 \$ 0 \$ RSG & Make Whole Payments DA Revenue Sufficiency Guarantee Distribution Amount 555.10 0 \$ (6,667.01)0 \$ (320.25)0 \$ 0 \$ 0 \$ 0 \$ 37 4,457.82 0 \$ 1,524.27 0 \$ DA Revenue Sufficiency Guarantee Make Whole Pymt Amount 555.11 0 \$ 0 \$ 0 \$ 0 \$ 38 555.29 RT Revenue Sufficiency Guarantee First Pass Distribution Amount 0 \$ (15,636.82)87.85 0 \$ (751.13)4.11 0 \$ 0 \$ 0 \$ 0 \$ RT Revenue Sufficiency Guarantee Make Whole Pymt Amount 18,580.54 0 \$ 0 \$ (28.42)0 \$ 40 RT Price Volatility Make Whole Payment 555.42 0 \$ (8.37)0 \$ 26,021.94 0 \$ (0.38)0 \$ 1,250.46 0 \$ 0 \$ 41 SUBTOTAL (22,312.20) 0 \$ 30,567.61 0 \$ (1,100.18)0 \$ 21,359.38 0 \$ 0 \$ 0 \$ RNU & Misc Charges **RT Misc Amount** 555.25 (28.70)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 43 RT Net Inadvertent Amount 555.27 (7,421.53)0 \$ 0 \$ 0 \$ 14,700.77 0 \$ 0 \$ 0 \$ 44 RT Revenue Neutrality Uplift Amount 555.28 0 \$ (95,004.36) 0 \$ 6,597.37 0 \$ (4,565.26)0 \$ 316.80 0 \$ 45 RT Uninstructed Deviation Amount 555.31 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 46 RT Demand Response Allocation Uplift Amount 555.59 0 \$ (2,727.34)0 \$ 0.66 0 \$ 0 \$ 0 \$ 0 \$ 47 DA Ramp Product 555.63 0 \$ 0 \$ 9,628.20 0 \$ 0 \$ 0 \$ 0 \$ 48 RT Ramp Product 555.64 (1,345.32)1,226.47 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 49 RT Schedule 49 Cost Distribution Amount 555.65 0 \$ (17,931.59)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 50 (4,565.26) SUBTOTAL (124,458.84) 32,153.47 316.80 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ **ASM Charges**

17,775 \$

18,048 \$

273 \$

240,598.44

240,624.47

26.03

(3,327) \$

(3,339) \$

(12) \$

13,028 \$

37 \$

370,967.37

371,195.58

228.21

0 \$

0 \$

0 \$

0 \$

0 \$

0 \$

(67,009.12)

(219.97)

(67,229.09) 13,065 \$

(1,171,187.10)

(3,716.60)

(59,436) \$

(487) \$

(59,923) \$ (1,174,903.70)

555.55

555.56

RT ASM Non-Excessive Energy Amount

RT ASM Excessive Energy Amount

					Ottor To	il Power Company								
						D Day 2 Charges - S								
						ncludes any adjust								
	(A	A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
				RI	ETAIL			ASSET BASED	WHOLESAL	E		NON ASSET	BASED WHOLESAL	LE
	Charge Type Description Ac	cct	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
	Grandfathered Charge Types													
54	DA Congestion Rebate on COGA 555	5.05	0 8	-	0	\$ -	0 \$	-	0 \$	-	0 \$	-	0	\$ -
55	DA Losses Rebate on COGA 555	5.06	0 8	-	0	\$ -	0 \$	-	0 \$	-	0 \$	-	0	\$ -
56	RT Congestion Rebate on COGA 555	5.22	0 8	-	0	\$ -	0 \$	-	0 \$	-	0 \$	-	0	\$ -
57		5.23	0 9	-	0	\$ -	0 \$	-	0 \$	-	0 \$	-	0	\$ -
58	SUBTOTAL		0	\$ -	0	\$ -	0 \$	-	0 \$	-	0 \$	-	0	\$ -
59	TOTAL MISO DAY 2 CHARGES		(515,750)	\$ (19,307,164.80)	338,166	\$ 15,828,556.93	(3,339) \$	(75,358.07)	25,481 \$	925,185.47	0 \$	-	0	\$ -
60			:	\$ (67,844.45)		\$ 416.92								
61	Congestion and Losses Adjustment		:	\$ 102,508.07										
62	No DA generation sch., but still had output for current month		:	\$ -										
63														
64														
65			:	\$ (19,341,828.42)		\$ 15,828,140.01								
66	6, 3				\$ (3,513,688.41)									
67	Retail MWh include losses of 2.8%													
	ADDITIONAL REVENUE AND COSTS OF ASSET BASED AND NON ASSET BASE	ED TR	ANSACTIONS											
68									\$	849,827.40				\$ -
69	Less: Fuel Cost								21,480 \$	· ·				
70	Less: Misc Cost Adjustment								\$	(16,329.06)				\$ -
71	Plus: Capacity Revenue													\$ -
72	Plus: Bilateral Sales													\$ -
73	Less: Bilateral Purchases													\$ -
74	Less: Schedule 24 for Asset Based Sales								\$	344.27				\$ -
75														
76	TOTAL ASSET or NON ASSET BASED WHOLESALE								\$	317,361.26				\$ -

Otter Tail Power Company Detail of MISO Day 2 Charges - System September 2024 includes any adjustments

		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
					CAIL		_	ASSET BASED					ASED WHOLESALE	
	Charge Type Description	Acct	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
No.	Day Ahead & Real Time Energy		(112 - 1-)	(12 = 22 2 2 2 2 2 2										
1	DA Asset Energy Amount	555.02		(12,732,393.34)	264,556 \$	8,454,402.57	0 \$	-	4,685 \$	270,848.49	0 \$	-	0 \$	-
$\begin{bmatrix} 2 \\ 2 \end{bmatrix}$	DA Non-asset Energy Amount	555.09	0 \$	(100.150.46)	4,149 \$	98,078.60	0 \$	-	0 \$	-	0 \$	-	0 \$	-
3	RT Asset Energy Amount	555.19	(13,731) \$	(192,173.46)	15,689 \$	570,963.54	0 \$	-	0 \$	-	0 \$;	0 \$	-
4	RT Non-Asset Energy Amount SUBTOTAL	555.26	0 \$	12 024 566 90)	0 \$	9,123,444.71	0 \$		0 \$	270 949 40	0 \$		0 \$ 0 \$	_
5	Day Ahead & Real Time Energy Loss		(402,2/0) \$ (12,924,566.80)	284,394 \$	9,123,444./1	U \$	-	4,685 \$	270,848.49	0 \$	-	<u> </u>	-
6	DA FBT Loss Amount	555.04	0 \$		0 \$		0 \$		0 ¢	-	0 \$		0 \$	
7	RT Distribution of Losses Amount	555.24	0 \$	(21,000.36)	0 \$	208,277.47	0 \$	_	0 \$ 0 \$	-	$\begin{bmatrix} 0 & 5 \\ 0 & 8 \end{bmatrix}$	- -	0 \$ 0 \$	_
l g	RT FBT Loss Amount	555.21	0 \$	(21,000.30)	0 \$	200,2//.4/	0 \$	_	0 \$ 0 \$	_		· -	0 \$ 0 \$	_
9	DA Loss Amount	333.21	0 \$	(497,172.55)	0 \$ 0 \$	_	0 \$	_	0 \$	_		-	0 \$	_
10	RT Loss Amount		0 \$	(12,023.26)	0 \$	_	0 \$	_	0 \$	_		-	0 \$	_
11	DA Losses Rebate on Option B GFA	555.08	0 \$	(12,020.20)	0 \$	_	0 \$	_	0 \$	_	$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$, _	0 \$	_
12	SUBTOTAL	000.00	0 \$	(530,196.17)	0 \$	208,277.47	0 \$	_	0 \$	_	0 \$	-	0 \$	_
	Virtual Energy		- 1	(3 2 2) 1 2 2 2	- 1				- 1		- 1		- 1	
13	DA Virtual Energy Amount	555.12	0 \$	-	0 \$	-	0 \$	_	0 \$	-	0 \$	-	0 \$	_
14	RT Virtual Energy Amount	555.32	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
15	SUBTOTAL		0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
	Schedules 16 & 17													
16	DA Mkt Admin Amount	555.01	0 \$	(61,841.90)	0 \$	-	0 \$	(388.94)	0 \$	-	0 \$	-	0 \$	-
17	RT Mkt Admin Amount	555.18	0 \$	(7,630.29)	0 \$	435.26	0 \$	(1,090.73)	0 \$	52.90	0 \$	-	0 \$	-
18	FTR Mkt Admin Amount	555.13	0 \$	(1,651.52)	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	_
19	SUBTOTAL		0 \$	(71,123.71)	0 \$	435.26	0 \$	(1,479.67)	0 \$	52.90	0 \$	-	0 \$	-
	Congestion & FTRs													
20	DA FBT Congestion Amount	555.03	0 \$	-	0 \$	-	0 \$	-	0 \$	1	0 \$	-	0 \$	-
21	DA Congestion		0 \$	-	0 \$	(4,052,621.15)	0 \$	-	0 \$	-	0 \$	-	0 \$	-
22	RT FBT Congestion Amount	555.20	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
23	RT Congestion		0 \$	(249,656.86)	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
24	FTR Hourly Allocation Amount	555.14	0 \$	(68,214.95)	0 \$	7,578,702.66	0 \$	-	0 \$	-	0 \$	-	0 \$	-
25	FTR Monthly Allocation Amount	555.15	0 \$	-	0 \$	176,395.55	0 \$	-	0 \$	-	0 \$	-	0 \$	-
26	FTR Yearly Allocation Amount	555.17	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
27	FTR Monthly Transaction Amount	555.35	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
28	FTR Full Funding Guarantee Amount	555.36	0 \$	(160,866.32)	0 \$	255,292.41	0 \$	-	0 \$	-	0 \$	-	0 \$	-
29	FTR Guarantee Uplift Amount	555.37	0 \$	(255,292.41)	0 \$	160,866.32	0 \$	-	0 \$	-	0 \$	-	0 \$	-
30	FTR Auction Revenue Rights Transaction Amount	555.39	0 \$	(1,162.11)	0 \$	6,021,469.54	0 \$	-	0 \$	-	0 \$	-	0 \$	-
31	FTR Annual Transaction Amount	555.38	0 \$	(5,873,407.71)	0 \$	1,684.16	0 \$	-	0 \$	-	0 \$	-	0 \$	-
32	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	0 \$	(23,467.58)	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
33	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	0 \$	-	0 \$	148,862.18	0 \$	-	0 \$	-	0 \$	-	0 \$	-
34	DA Congestion Rebate on Option B GFA	555.07	0 \$	-	0 \$	10,000 (51 (5	0 \$	-	0 \$	-	0 \$	-	0 \$	-
35	SUBTOTAL PSC & Moleo Whole Poyments		U \$	(6,632,067.94)	<u> </u>	10,290,651.67	0 \$	-	0 \$	-	0 \$	-	0 \$	-
	RSG & Make Whole Payments DA Payonus Sufficiency Cuerantee Distribution Amount	555 10	Ο Φ	(0.240.01)	Λ Φ		Λ Φ	(227.66)	Ο Φ		0 4		O 4	
36 37	DA Revenue Sufficiency Guarantee Distribution Amount	555.10 555.11	0 \$ 0 \$	(9,348.01)	0 \$ 0 \$	3,655.10	0 \$ 0 \$	(327.66)	0 \$ 0 \$	- 34.24	0 \$, –	0 \$	-
38	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.11 555.29	0 \$	- (14,384.29)	0 \$	3,655.10 2,447.61		(504.03)	0 \$	34.24 85.63	0 \$	- :	U \$	-
39	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	0 \$	(17,007.27)	0 \$	2, 11 /.01	0 \$	(504.05)	0 \$	37,054.58		-	υ φ 0 φ	-
40	RT Price Volatility Make Whole Payment	555.42	0 \$	(28.13)	0 \$	32,730.34	0 \$	(0.97)	0 \$	1,147.82	0 \$	<u>-</u>	υ φ Λ ¢	<u>-</u>
41	SUBTOTAL	333,42	0 \$	(23,760.43)	0 \$	38,833.05	0 \$	(832.66)	0 \$	38,322.27	0 \$		о ф	
	RNU & Misc Charges		Ψ	(=0,700.10)	- Ψ	55,555.00	Ψ	(552.00)	Ψ	JO,JEE. 2 /	J #		υ ψ	
42	RT Misc Amount	555.25	0 \$	(1,307.12)	0 \$	6,537.47	0 \$	-	0 \$	-	0 \$	-	0 \$	_
43	RT Net Inadvertent Amount	555.27	0 \$	(5,770.75)	0 \$	10,067.12	0 \$	_	0 \$	_	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-	0 \$	_
44	RT Revenue Neutrality Uplift Amount	555.28	0 \$	(162,788.80)	0 \$	4,257.66	0 \$	(5,708.36)	0 \$	149.07	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-	0 \$	_
45	RT Uninstructed Deviation Amount	555.31	0 \$	-	0 \$	-	0 \$	-	0 \$	-	$\begin{bmatrix} 1 & 0 & \$ \end{bmatrix}$	-	0 \$	-
46	RT Demand Response Allocation Uplift Amount	555.59	0 \$	(8,626.61)	0 \$	266.67	0 \$	-	0 \$	-	0 \$	-	0 \$	-
47	DA Ramp Product	555.63	0 \$	-	0 \$	21,812.90	0 \$	_	0 \$	-	0 \$	-	0 \$	-
48	RT Ramp Product	555.64	0 \$	(1,210.65)	0 \$	1,708.64	0 \$	-	0 \$	-	0 \$	-	0 \$	-
49	RT Schedule 49 Cost Distribution Amount	555.65	0 \$	(19,898.20)	0 \$	25.20	0 \$	-	0 \$	-	0 \$	-	0 \$	-
50	SUBTOTAL		0 \$	(199,602.13)	0 \$	44,675.66	0 \$	(5,708.36)	0 \$	149.07	0 \$	-	0 \$	
	ASM Charges													
51	RT ASM Non-Excessive Energy Amount	555.55	(49,064) \$	(1,124,811.52)	28,972 \$	440,957.03	(248) \$	(17,123.93)	11,653 \$	344,293.33	0 \$	-	0 \$	-
52	RT ASM Excessive Energy Amount	555.56	(207) \$	(6,161.27)	246 \$	5,244.35	(2) \$	(298.43)	10 \$	89.49			0 \$	-
53	SUBTOTAL		(49,271) \$	(1,130,972.79)	29,218 \$	446,201.38	(251) \$	(17,422.36)	11,663 \$	344,382.82	0 \$	-	0 \$	-

					Otter Ta	il Power Company								
						Day 2 Charges - S	stem							
						includes any adju								
		(D)	(0)		(D)	(T)	(T)	(a)	(11)	(7)	(1)	(77)		(3.6)
	(A)	(B)	(C)	DE	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
	Charge Type Description Acct	MWh	Cost		TAIL MWh	Revenue	MWh	ASSET BASED Cost	MWh	Revenue	MWh	Cost	BASED WHOLESA MWh	Revenue
	Grandfathered Charge Types	WIVII	Cost		WW	Revenue	MIVVII	Cost	WWW	Revenue	171 47 11	Cost	171 47 11	Revenue
54			\$	_	0	\$ -	0 \$	_	0 \$	_	0 \$	_	0	\$ -
55			\$ \$	_	_	\$ -	$\begin{array}{ccc} & & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ &$	_	0 \$	_	0 \$	_	0	\$ -
56			\$	_	0	Ψ	0 \$	_	0 \$	_	0 \$	_	0	\$ -
57	RT Loss Rebate on COGA 555.23		\$	_	0	· ·	0 \$	_	0 \$	_	0 \$	_	0	\$ -
58	SUBTOTAL		* \$	-	0	·	0 \$	-	0 \$	-	0 \$	-	0	
		•	·			·			·					·
59	TOTAL MISO DAY 2 CHARGES	(511,547	\$ (21,512,2	289.97)	313,612	\$ 20,152,519.20	(251) \$	(25,443.05)	16,348 \$	653,755.55	0 \$	-	0	\$ -
60	Less Schedule 16 & 17 (Lines 16, 17, 18)		\$ (71,1	23.71)		\$ 435.26								
61	Congestion and Losses Adjustment		\$ 119,6	520.89										
62	No DA generation sch., but still had output for current month		\$	-										
63														
64														
65	Total for MN Energy Adjustment Rider		\$ (21,560,7			\$ 20,152,083.94								
66	Net Retail for MN Energy Adjustment Rider			\$	\$ (1,408,703.21)									
67	Retail MWh include losses of 2.8%													
	ADDITIONAL DEVENUE AND COCTO OF A COET DAGED AND NON ACCET DAGED	TD AND ACTIO	NIC											
	ADDITIONAL REVENUE AND COSTS OF ASSET BASED AND NON ASSET BASED	TRANSACTIO	NS						ф	620 212 50				ф
68	NET MISO (Rev-Cost and MWh) Less: Fuel Cost								15,984 \$	628,312.50 428,436.77				5
69									13,984 \$	(3,435.24)				ф
70	Less: Misc Cost Adjustment Plus: Capacity Revenue								Þ	(3,433.24)				φ <u>-</u>
72	Plus: Bilateral Sales													φ - \$
73	Less: Bilateral Purchases													φ - \$ -
74	Less: Schedule 24 for Asset Based Sales								\$	230.64				\$ -
75									Ψ					т
76	TOTAL ASSET or NON ASSET BASED WHOLESALE								\$	203,080.33				\$ -
									т_	,				,

Otter Tail Power Company Detail of MISO Day 2 Charges - System October 2024 includes any adjustments (A) (B) (D) (H) (I) (J) (M) NON ASSET BASED WHOLESALE ASSET BASED WHOLESALE **RETAIL** MWh MWh **Charge Type Description** Cost MWh Cost MWh Revenue MWh Cost MWh Revenue Revenue Acct No. Day Ahead & Real Time Energy 555.02 (421,667) \$ (10,615,347.79)197,946 \$ 4,983,882.88 607 31,472.58 DA Asset Energy Amount 0 \$ 0 \$ 0 \$ 2 DA Non-asset Energy Amount 555.09 0 \$ (346.41)4,008 \$ 93,965.40 0 \$ 0 \$ 0 \$ 0 \$ 555.19 (35,889) \$ 7,567 \$ 190,695.94 (915,424.52)0 \$ 0 \$ 0 \$ RT Asset Energy Amount 0 \$ 555.26 0 \$ 0 \$ RT Non-Asset Energy Amount 5 **SUBTOTAL** (457,556) \$ (11,531,118.96) 209,521 \$ 5,268,544.46 0 \$ **607** \$ 31,472.58 0 \$ 0 \$ Day Ahead & Real Time Energy Loss 555.04 **DA FBT Loss Amount** 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 555.24 0 \$ (49,686.08)167,064.97 0 \$ **RT Distribution of Losses Amount** 0 \$ 0 \$ 0 \$ 0 \$ 555.21 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ RT FBT Loss Amount 0 \$ 0 \$ (273,050.78)0 \$ 0 \$ 0 \$ 0 \$ DA Loss Amount 10 (58,448.91)0 \$ 0 \$ **RT Loss Amount** 0 \$ 0 \$ 0 \$ 0 \$ 11 555.08 DA Losses Rebate on Option B GFA 0 \$ 12 167,064.97 0 \$ (381,185.77) **SUBTOTAL** 0 \$ 0 \$ 0 \$ -0 \$ 0 \$ Virtual Energy **DA Virtual Energy Amount** 555.12 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 14 **RT Virtual Energy Amount** 555.32 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 15 **SUBTOTAL** 0 \$ 0 \$ -0 \$ 0 \$ 0 \$ 0 \$ -Schedules 16 & 17 555.01 DA Mkt Admin Amount 0 \$ (56,802.61)(57.02)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 17 0 \$ 290.25 13.59 RT Mkt Admin Amount 555.18 (9,029.71)0 \$ 0 \$ (900.54)0 \$ 0 \$ 0 \$ 18 FTR Mkt Admin Amount 555.13 0 \$ (1,408.00)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 19 (67,240.32)**SUBTOTAL** 0 \$ 0 \$ 290.25 0 \$ (957.56) 0 \$ 13.59 0 \$ 0 \$ **Congestion & FTRs** 555.03 **DA FBT Congestion Amount** 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 21 0 \$ (1,270,487.75)DA Congestion 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 22 **RT FBT Congestion Amount** 555.20 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 23 RT Congestion (281,203.08)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 24 FTR Hourly Allocation Amount 555.14 0 \$ (167,140.68)5,851,623.64 0 \$ 0 \$ 0 \$ 25 FTR Monthly Allocation Amount 555.15 0 \$ 0 \$ 227,233.65 0 \$ 0 \$ 0 \$ 0 \$ 26 555.17 0 \$ FTR Yearly Allocation Amount 0 \$ 0 \$ 0 \$ 27 FTR Monthly Transaction Amount 555.35 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 28 555.36 (225,455.35)89,278.28 0 \$ FTR Full Funding Guarantee Amount 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 29 FTR Guarantee Uplift Amount 555.37 (89,278.28) 225,944.25 0 \$ 0 \$ 0 \$ 30 555.39 FTR Auction Revenue Rights Transaction Amount 0 \$ (1,162.11)6,021,469.54 0 \$ 0 \$ 0 \$ 31 555.38 0 \$ 0 \$ 0 \$ FTR Annual Transaction Amount (5,873,407.71)0 \$ 1,684.16 0 \$ 0 \$ 32 FTR Auction Revenue Rights Infeasible Uplift Amount 555.40 0 \$ (23,467.58)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ FTR Auction Revenue Rights Stage 2 Distribution Amount 33 555.41 148,862.30 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 34 DA Congestion Rebate on Option B GFA 555.07 0 \$ 35 **SUBTOTAL** 0 \$ (6,661,114.79) 0 \$ 11,295,608.07 0 \$ 0 \$ 0 \$ 0 \$ RSG & Make Whole Payments DA Revenue Sufficiency Guarantee Distribution Amount 555.10 0 \$ (8,132.16)0 \$ (166.75)0 \$ 0 \$ 0 \$ 0 \$ 3,699.71 37 0 \$ DA Revenue Sufficiency Guarantee Make Whole Pymt Amount 555.11 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 38 555.29 153.25 RT Revenue Sufficiency Guarantee First Pass Distribution Amount 0 \$ (3,763.38)(76.85)3.09 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ RT Revenue Sufficiency Guarantee Make Whole Pymt Amount (36.28)0 \$ 0 \$ 0 \$ 40 RT Price Volatility Make Whole Payment 555.42 0 \$ 0 \$ 28,467.93 0 \$ 0 \$ 584.39 0 \$ 0 \$ 41 SUBTOTAL (11,895.54) (279.88) 0 \$ 32,320.89 0 \$ 0 \$ **587.48** 0 \$ 0 \$ 0 \$ RNU & Misc Charges **RT Misc Amount** 555.25 684.81 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 43 RT Net Inadvertent Amount 555.27 (6,454.27)15,448.35 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 44 RT Revenue Neutrality Uplift Amount 555.28 0 \$ (210,414.92) 0 \$ 7,247.08 0 \$ (4,319.32)0 \$ 148.58 0 \$ 45 **RT Uninstructed Deviation Amount** 555.31 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 46 RT Demand Response Allocation Uplift Amount 555.59 (8,206.20)51.13 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 47 DA Ramp Product 555.63 0 \$ 0 \$ 6,868.93 0 \$ 0 \$ 0 \$ 0 \$ 48 RT Ramp Product 555.64 (300.89)0 \$ 0 \$ 0 \$ 1,138.68 0 \$ 0 \$ 0 \$ 49 RT Schedule 49 Cost Distribution Amount 555.65 0 \$ (19,950.83)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 50 SUBTOTAL (245,327.11) 31,438.98 (4,319.32) 148.58 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ ASM Charges RT ASM Non-Excessive Energy Amount 555.55 (816,806.23) 19,733 \$ 257,561.08 (16,302.98)9,013 \$ 336,054.99 (28,198) \$ (379) \$ 0 \$ 0 \$

57 \$

19,790 \$ 257,682.77

121.69

0 \$

(379) \$

(26.88)

(16,329.86)

1 \$

336,054.99

9,014 \$

0 \$

0 \$

0 \$

0 \$

RT ASM Excessive Energy Amount

SUBTOTAL

555.56

(16) \$

(28,215) \$ (816,838.61)

(32.38)

	Otter Tail Power Company Detail of MISO Day 2 Charges - System October 2024 includes any adjustments														
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	
		A 1	BATTATI.		ETAIL	D	DAYA7I.	ASSET BASED			BAYA71.		BASED WHOLESAI		
	Charge Type Description Grandfathered Charge Types	Acct	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	
54	DA Congestion Rebate on COGA	555.05	0 \$	_	0	\$ -	0 \$	_	۹ ۵	-	0 \$	_	0 :	¢ _	
55	DA Losses Rebate on COGA	555.06	0 \$	_	0		0 \$	_	0 \$ 0 \$	_	0 \$	_	0 .	φ – •	
56	RT Congestion Rebate on COGA	555.22	0 \$	_	0	'	0 \$	_	0 \$ 0 \$	_	0 \$	_	0 .	φ - •	
57	RT Loss Rebate on COGA	555.23	0 \$	- -	0	·	0 \$	_	0 \$	_	0 \$	- -	0	φ – •	
58	SUBTOTAL	JJJ.2J	0 \$		0		0 \$		0 \$	-	0 \$		0		
00	OCDIVINI		υ ψ		<u> </u>	Ψ	υ ψ		υψ	_	υ ψ		<u> </u>	Ψ	
59 7	TOTAL MISO DAY 2 CHARGES		(485,771) \$	(19,714,721.10)	229,311	\$ 17,052,950.39	(379) \$	(21,886.62)	9,621 \$	368,277.22	0 \$	-	0		
60	Less Schedule 16 & 17 (Lines 16, 17, 18)		\$	(67,240.32)	·	\$ 290.25		, ,	, i	,	·				
61	Congestion and Losses Adjustment		\$	126,841.39											
62	No DA generation sch., but still had output for current month		\$	-											
63															
64															
65	Total for MN Energy Adjustment Rider		\$	(19,774,322.17)		\$ 17,052,660.14									
66	Net Retail for MN Energy Adjustment Rider				\$ (2,721,662.03)										
67 I	Retail MWh include losses of 2.8%				, , , , , , , , , , , , , , , , , ,										
A	DDITIONAL REVENUE AND COSTS OF ASSET BASED AND NON ASSET BASED TRANSACTIONS														
68	NET MISO (Rev-Cost and MWh)								\$	346,390.60				\$ -	
69	Less: Fuel Cost								9,242 \$	222,413.47					
70	Less: Misc Cost Adjustment								\$	(126.95)			:	\$ -	
71	Plus: Capacity Revenue												:	\$ -	
72	Plus: Bilateral Sales												:	\$ -	
73	Less: Bilateral Purchases												:	\$ -	
74	Less: Schedule 24 for Asset Based Sales								\$	143.16			:	\$ -	
75															
76	TOTAL ASSET or NON ASSET BASED WHOLESALE								\$	123,960.92				<u> </u>	
1															
1															
											1				

Otter Tail Power Company Detail of MISO Day 2 Charges - System November 2024 includes any adjustments

		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)		M)
			N. STATI		FAIL			ASSET BASED V			D STATE		SED WHOLESALE	
No	Charge Type Description Day Ahead & Real Time Energy	Acct	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh Rev	enue
10.	DA Asset Energy Amount	555.02	(461,089) \$	(10.215.422.57)	257.079 ¢	5 022 771 21	0 6		5,501 \$	217,465.23	0 6		0 ¢	
1	DA Asset Energy Amount DA Non-asset Energy Amount	555.02 555.09	(461,089) \$ 0 \$	(10,215,422.57)	257,078 \$ 4,219 \$	5,922,771.31 88,328.98	0 \$	-	0,501 \$	21/,405.23	0 \$	-	0 \$	-
2	RT Asset Energy Amount	555.19	(15,411) \$	(330,771.14)	22,349 \$	544,466.71	0 \$	-	0 \$	-	0 \$	-	O &	-
4	RT Non-Asset Energy Amount	555.26	0 \$	(330,7/1.14)	22,349 \$	544,400./1	0 \$	_	0 \$ 0 \$	_	0 \$	_	0 \$	_
5	SUBTOTAL	333.20	(476,501) \$	(10,546,193.71)	283,646 \$	6,555,567.00	0 \$		5,501 \$	217,465.23	0 \$	-	υ φ Ο \$	_
	Day Ahead & Real Time Energy Loss		(1/ 0,001) ψ	(10,010,1700,17		2,223,337,133	5		3,332 ¥	==7,1001=0	, , , , , , , , , , , , , , , , , , ,			
6	DA FBT Loss Amount	555.04	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
7	RT Distribution of Losses Amount	555.24	0 \$	(39,950.94)	0 \$	195,535.71	0 \$	_	0 \$	-	0 \$	-	0 \$	-
8	RT FBT Loss Amount	555.21	0 \$	-	0 \$, -	0 \$	-	0 \$	-	0 \$	-	0 \$	-
9	DA Loss Amount		0 \$	(348,945.66)	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
10	RT Loss Amount		0 \$	(30,341.73)	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
11	DA Losses Rebate on Option B GFA	555.08	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
12	SUBTOTAL		0 \$	(419,238.33)	0 \$	195,535.71	0 \$	-	0 \$	-	0 \$	-	0 \$	-
	Virtual Energy													
13	DA Virtual Energy Amount	555.12	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
14	RT Virtual Energy Amount	555.32	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
15	SUBTOTAL Substitute 16 % 17		0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
	Schedules 16 & 17	FFF 01	0 4	((0,0(4,70)	Λ		0 4	(400.00)	0 4		0 4		0 4	
16	DA Mkt Admin Amount	555.01 555.18	0 \$	(63,964.73)	0 \$	732.32	0 \$	(498.92)	0 \$	-	0 \$	-	0 \$	-
17 18	RT Mkt Admin Amount FTR Mkt Admin Amount	555.18 555.13	0 \$	(10,066.87)	0 \$		0 \$	(1,073.30)	0 \$ 0 \$	0.68	0 \$	-	0 \$ 0 \$	-
19	SUBTOTAL	555.13	0 \$ 0 \$	(1,143.60) (75,175.20)	0 \$ 0 \$	732.32	0 \$	(1,572.22)	0 \$	0.68	0 \$	-	0 \$ 0 \$	
	Congestion & FTRs		υ φ	(/3,1/3.20)	- σ	/ 32.32	υ φ	(1,3/2,22)	υ φ	0.08	υ φ	-	υ φ	_
20	DA FBT Congestion Amount	555.03	0 \$	-	0 \$	-	0 \$	_	0 \$	-	0 \$	_	0 \$	_
21	DA Congestion	333.03	0 \$	_	0 \$	(1,409,707.98)	0 \$	_	0 \$	_	0 \$	_	0 \$	_
22	RT FBT Congestion Amount	555.20	0 \$	_	0 \$	(1,100,707.50)	0 \$	_	0 \$	_	0 \$	_	0 \$	_
23	RT Congestion	000.20	0 \$	(32,509.75)	0 \$	_	0 \$	_	0 \$	_	0 \$	_	0 \$	_
24	FTR Hourly Allocation Amount	555.14	0 \$	(314,395.20)	0 \$	4,253,940.89	0 \$	_	0 \$	_	0 \$	-	0 \$	-
25	FTR Monthly Allocation Amount	555.15	0 \$	-	0 \$	183,943.19	0 \$	-	0 \$	-	0 \$	-	0 \$	-
26	FTR Yearly Allocation Amount	555.17	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
27	FTR Monthly Transaction Amount	555.35	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
28	FTR Full Funding Guarantee Amount	555.36	0 \$	(159,606.41)	0 \$	164,768.19	0 \$	-	0 \$	-	0 \$	-	0 \$	-
29	FTR Guarantee Uplift Amount	555.37	0 \$	(164,768.19)	0 \$	159,606.41	0 \$	-	0 \$	-	0 \$	-	0 \$	-
30	FTR Auction Revenue Rights Transaction Amount	555.39	0 \$	(1,162.11)	0 \$	6,021,469.54	0 \$	-	0 \$	-	0 \$	-	0 \$	-
31	FTR Annual Transaction Amount	555.38	0 \$	(5,873,407.71)	0 \$	1,684.16	0 \$	-	0 \$	-	0 \$	-	0 \$	-
32	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	0 \$	(23,467.58)	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
33	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	0 \$	-	0 \$	148,862.30	0 \$	-	0 \$	-	0 \$	-	0 \$	-
34 35	DA Congestion Rebate on Option B GFA SUBTOTAL	555.07	0 \$	- (C ECO 21C OE)	0 \$	- 0.594.566.50	0 \$	-	0 \$	-	0 \$	-	0 \$	-
	RSG & Make Whole Payments		0 \$	(6,569,316.95)	0 \$	9,524,566.70	0 \$	-	0 \$	-	0 \$	-	0 \$	-
36	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	0 \$	(6,004.19)	0 \$		0 \$	(202.65)	0 \$		Ο Φ		0 \$	_
37	DA Revenue Sufficiency Guarantee Distribution Amount DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	0 \$	(0,007.17)	0	8,059.44	0 ¢	(202.00)	0 \$	312.58	0 \$	_	Ο φ Λ \$	_
38	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29	0 \$	(4,545.47)	0 \$	186.26	0 \$	(153.14)	0 \$	6.22	0 \$	<u>-</u>	0 \$	_
39	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	0 \$	-	0 \$	-	0 \$	-	0 \$	587.13	0 \$	_	0 \$	_
40	RT Price Volatility Make Whole Payment	555.42	0 \$	(0.03)	0 \$	18,148.73	0 \$	-	0 \$	612.98	0 \$	_	0 \$	_
41	SUBTOTAL		0 \$	(10,549.69)	0 \$	26,394.43	0 \$	(355.79)	0 \$	1,518.91	0 \$	-	0 \$	
	RNU & Misc Charges													
42	RT Misc Amount	555.25	0 \$	-	0 \$	12,388.33	0 \$	-	0 \$	-	0 \$	-	0 \$	-
43	RT Net Inadvertent Amount	555.27	0 \$	(12,556.18)	0 \$	19,462.87	0 \$	-	0 \$	-	0 \$	-	0 \$	-
44	RT Revenue Neutrality Uplift Amount	555.28	0 \$	(238, 353.53)	0 \$	21,190.34	0 \$	(8,050.50)	0 \$	715.53	0 \$	-	0 \$	-
45	RT Uninstructed Deviation Amount	555.31	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
46	RT Demand Response Allocation Uplift Amount	555.59	0 \$	(490.02)	0 \$	633.27	0 \$	-	0 \$	-	0 \$	-	0 \$	-
47	DA Ramp Product	555.63	0 \$	(500.05)	0 \$	14,801.33	0 \$	-	0 \$	-	0 \$	-	0 \$	-
48	RT Ramp Product	555.64	0 \$	(722.87)	0 \$	2,331.99	0 \$	-	0 \$	-	0 \$	-	0 \$	-
49 50	RT Schedule 49 Cost Distribution Amount SUBTOTAL	555.65	0 \$ 0 \$	(22,154.44) (274,277.04)	0 \$ 0 \$	42.63 70,850.76	0 \$	(8,050.50)	0 \$	715.53	0 \$	-	0 \$ 0 \$	-
	ASM Charges		U \$	(4/4,4//.04)	U \$	/0,850./6	U \$	(0,000.00)	U \$	/10.03	U \$	-	U \$	-
51	RT ASM Non-Excessive Energy Amount	555.55	(61,078) \$	(1,325,597.46)	19,063 \$	292,945.52	(1,596) \$	(47,835.57)	9,778 \$	231,091.49	0 \$		0 \$	
52	RT ASM Excessive Energy Amount RT ASM Excessive Energy Amount	555.56	(1) \$	(1,325,397.40) (120.09)	19,003 \$ 43 \$	292,945.52	0 \$	(4/,033.3/)	9,778 \$ 36 \$	583.92	0 \$		0 \$	-
53	SUBTOTAL	000.00	(61,080) \$	(1,325,717.55)	19,106 \$	292,945.52	(1,596) \$	(47,835.57)	9,813 \$	231,675.41	0 \$		о	
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						wer Company								
					Detail of MISO Day November 2024 incl									
					November 2024 mer	dues any adjustine	ants							
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
					TAIL			ASSET BASED					ASED WHOLESALE	
	Charge Type Description	Acct	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
	Grandfathered Charge Types													
54		555.05	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
55		555.06	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
56		555.22	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
57		555.23	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
58	SUBTOTAL		0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
	MODAL MICO DAVIO CHADOEC		(EDE EDO) A	(10,000,460,45)	000 EE0	16.666.500.44	(1.50() ф	(55.014.00)	15.014 4	451 055 56	ο φ		Ο Φ	
	TOTAL MISO DAY 2 CHARGES Less Schedule 16 & 17 (Lines 16, 17, 18)		(537,580) \$	(19,220,468.47) (75,175.20)	302,752 \$	16,666,592.44 732.32	(1,596) \$	(57,814.08)	15,314 \$	451,375.76	0 \$	-	0 \$	-
60			ን ው	88,209.30	Þ	/32.32								
62	Congestion and Losses Adjustment No DA generation sch., but still had output for current month		ማ	(35,702.15)										
63	Accounting RLA Adjustment to Montana-Dakota		ማ ው	43,545.93										
64	Accounting KLA Adjustinent to Montana-Dakota		Ψ	TU,UTU.9U										
65	Total for MN Energy Adjustment Rider		\$	(19,241,346.35)	\$	16,665,860.12								
66	Net Retail for MN Energy Adjustment Rider		Ψ	(17, 2 11,0 10.00)	(2,575,486.23)	10,000,000.12								
67	Retail MWh include losses of 2.8%			Ψ	(=,0,0,1001=0)									
	ADDITIONAL REVENUE AND COSTS OF ASSET BASED AND NON ASSET B	SASED TR	ANSACTIONS											
68	NET MISO (Rev-Cost and MWh)								\$	393,561.68			\$	-
69	Less: Fuel Cost								13,718 \$	326,582.88				
70	Less: Misc Cost Adjustment								\$	(41.73)			\$	-
71	Plus: Capacity Revenue												\$	-
72	Plus: Bilateral Sales												\$	-
73	Less: Bilateral Purchases												\$	-
74	Less: Schedule 24 for Asset Based Sales								\$	254.10			\$	-
75														
76	TOTAL ASSET or NON ASSET BASED WHOLESALE								\$	66,766.43			\$	-

Otter Tail Power Company Detail of MISO Day 2 Charges - System December 2024 includes any adjustments

		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
					TAIL			ASSET BASED					ASED WHOLESALE	
NT o	Charge Type Description	Acct	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
NO.	Day Ahead & Real Time Energy DA Asset Energy Amount	555.02	(639,170) \$	(22,030,355.03)	414,128 \$	15,094,674.69	0 \$		16,474 \$	928,241.66	0 \$		0 \$	
$\begin{bmatrix} 1 \\ 2 \end{bmatrix}$	DA Non-asset Energy Amount	555.02 555.09	(039,170) \$	(22,030,333.03)	5,304 \$	149,222.81	0 \$	-	10,4/4 \$	920,241.00	0 \$	<u>-</u>	0 \$	-
2	RT Asset Energy Amount	555.19	(21,956) \$	(456,393.83)	21,878 \$	643,027.93	0 \$	<u>-</u>	0 \$ 0 \$	_	0 \$	-	0 ¢	_
4	RT Non-Asset Energy Amount	555.26	0 \$	(430,393.03)	0 \$	040,027.90	0 \$	_	0 \$ 0 \$	_	0 \$	_	0 \$	_
5	SUBTOTAL	333.20	(661,125) \$	(22,486,748.86)	441,310 \$	15,886,925.43	0 \$		16,474 \$	928,241.66	0 \$	<u> </u>	0 \$	<u> </u>
	Day Ahead & Real Time Energy Loss		(σσ1,12σ) ψ	(22,100,710,00)	111,010 ψ	10,000,720110	Ψ		10,17 ι φ	720,211100	Ψ		Ψ	
6	DA FBT Loss Amount	555.04	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$		0 \$	-
7	RT Distribution of Losses Amount	555.24	0 \$	(99,969.81)	0 \$	349,548.61	0 \$	-	0 \$	-	0 \$	-	0 \$	-
8	RT FBT Loss Amount	555.21	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
9	DA Loss Amount		0 \$	(977,931.73)	0 \$	-	0 \$	_	0 \$	-	0 \$	-	0 \$	-
10	RT Loss Amount		0 \$	(106,883.67)	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
11	DA Losses Rebate on Option B GFA	555.08	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
12	SUBTOTAL		0 \$	(1,184,785.21)	0 \$	349,548.61	0 \$	-	0 \$	-	0 \$	-	0 \$	-
	Virtual Energy													
13	DA Virtual Energy Amount	555.12	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
14	RT Virtual Energy Amount	555.32	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
15	SUBTOTAL		0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
	Schedules 16 & 17													
16	DA Mkt Admin Amount	555.01	0 \$	(99,736.24)	0 \$	-	0 \$	(1,625.75)	0 \$	-	0 \$	-	0 \$	-
17	RT Mkt Admin Amount	555.18	0 \$	(11,541.29)	0 \$	770.05	0 \$	(2,935.20)	0 \$	-	0 \$	-	0 \$	-
18	FTR Mkt Admin Amount	555.13	0 \$	(628.08)	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
19	SUBTOTAL		0 \$	(111,905.61)	0 \$	770.05	0 \$	(4,560.95)	0 \$	-	0 \$	-	0 \$	-
	Congestion & FTRs	=== 00	0 +		0 +		0 +		0 +		0 4		0 +	
20	DA FBT Congestion Amount	555.03	0 \$	-	0 \$	- (1.5(5.0(5.01)	0 \$	-	0 \$	-	0 \$	-	0 \$	-
21	DA Congestion	555.00	0 \$	-	0 \$	(1,767,367.21)	0 \$	-	0 \$	-	0 \$	-	0 \$	-
22 23	RT FBT Congestion Amount	555.20	0 \$	(005 (00 50)	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
	RT Congestion FTR Hourly Allocation Amount	555.14	0 \$	(325,632.70) (71,159.92)	0 \$	2,739,577.14	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-	0 \$ 0 \$	-	0 \$	-	0 \$	-
24 25	FTR Monthly Allocation Amount FTR Monthly Allocation Amount	555.15	0 \$ 0 \$	(71,139.92)	0 \$	69,690.30	0 \$	-	0 \$	-	0 \$	-	0 \$	-
26	FTR Yearly Allocation Amount	555.17	0 \$ 0 \$	-	0 \$ 0 \$	09,090.30	0 \$	-	0 \$	-	0 \$	-	0 \$	-
27	FTR Monthly Transaction Amount	555.35	0 \$ 0 \$	-	0 \$ 0 \$	_	0 \$	_	0 \$ 0 \$	_	0 \$	-	0 \$ 0 \$	_
28	FTR Full Funding Guarantee Amount	555.36	0 \$ 0 \$	(69,679.08)	0 \$ 0 \$	56,987.41	0 \$	_	0 \$ 0 \$	_	0 \$	_	0 \$ 0 \$	_
29	FTR Guarantee Uplift Amount	555.37	0 \$ 0 \$	(56,987.41)	0 \$ 0 \$	69,679.08	0 \$	_	0 \$	_	0 \$	_	0 \$	_
30	FTR Auction Revenue Rights Transaction Amount	555.39	0 \$	(4,311.73)	0 \$ 0 \$	3,201,118.36	0 \$	_	0 \$	_	0 \$	_	0 \$	_
31	FTR Annual Transaction Amount	555.38	0 \$	(3,178,257.98)	0 \$	5,691.15	0 \$	_	0 \$	_	0 \$	_	0 \$	_
32	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	0 \$	(13,559.75)	0 \$	-	0 \$	_	0 \$	_	0 \$	_	0 \$	_
33	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	0 \$	-	0 \$	204,332.43	0 \$	_	0 \$	_	0 \$	_	0 \$	_
34	DA Congestion Rebate on Option B GFA	555.07	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
35	SUBTOTAL		0 \$	(3,719,588.57)	0 \$	4,579,708.66	0 \$	-	0 \$	-	0 \$	-	0 \$	-
	RSG & Make Whole Payments													
36	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	0 \$	(14,786.19)	0 \$	-	0 \$	(1,276.24)	0 \$	-	0 \$	-	0 \$	-
37	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	0 \$	-	0 \$	946.67	0 \$	-	0 \$	397.98	0 \$	-	0 \$	-
38	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29	0 \$	(12,649.27)	0 \$	72.81	0 \$	(1,091.50)	0 \$	6.19	0 \$	-	0 \$	-
39	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	0 \$	-	0 \$	-	0 \$	(67.05)	0 \$	35,719.57	0 \$	-	0 \$	-
40	RT Price Volatility Make Whole Payment	555.42	0 \$	-	0 \$	18,688.84	0 \$	-	0 \$	1,613.33	0 \$		0 \$	-
41	SUBTOTAL		0 \$	(27,435.46)	0 \$	19,708.32	0 \$	(2,434.79)	0 \$	37,737.07	0 \$	-	0 \$	-
	RNU & Misc Charges													
42	RT Misc Amount	555.25	0 \$	-	0 \$	412.29	0 \$	-	0 \$	-	0 \$	-	0 \$	-
43	RT Net Inadvertent Amount	555.27	0 \$	(38,121.64)	0 \$	24,023.27	0 \$	-	0 \$	-	0 \$	-	0 \$	-
44	RT Revenue Neutrality Uplift Amount	555.28	0 \$	(182,948.72)	0 \$	43,079.45	0 \$	(15,792.93)	0 \$	3,718.55	0 \$	-	0 \$	-
45	RT Uninstructed Deviation Amount	555.31	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
46	RT Demand Response Allocation Uplift Amount	555.59	0 \$	(32,703.96)	0 \$	35.40	0 \$	-	0 \$	-	0 \$	-	0 \$	-
47	DA Ramp Product	555.63	0 \$	- (4 ==0 00)	0 \$	10,438.11	0 \$	-	0 \$	-	0 \$	-	0 \$	-
48	RT Ramp Product	555.64	0 \$	(1,579.33)	0 \$	1,504.24	0 \$	-	0 \$	-	0 \$	-	0 \$	-
49	RT Schedule 49 Cost Distribution Amount	555.65	0 \$	(23,814.05)	0 \$		0 \$	(15 500 00)	0 \$	- 0.710.55	0 \$	-	0 \$	-
50	SUBTOTAL ASM Changes		0 \$	(279,167.70)	0 \$	79,492.76	0 \$	(15,792.93)	0 \$	3,718.55	0 \$	-	0 \$	-
F 1	ASM Charges PT ASM Non Evecsive Energy Amount	EFF FF	(70.001) A	(2,000,007,47)	10 774 🛧	440.050.40	(2.10() 6	(07.054.00)	2F F2F	070 041 00	0 4		0 4	
51	RT ASM Francisive Energy Amount	555.55 555.56	(70,331) \$	(3,080,927.47)	19,774 \$	443,053.48	(3,186) \$	(87,854.29)	25,535 \$	978,941.33	0 \$	-	0 \$	-
53	RT ASM Excessive Energy Amount SUBTOTAL	555.56	(117) \$ (70,449) \$	(3,080,927.47)	10 \$ 19,784 \$	46.89 443,100.37	0 \$ (3,186) \$	(55.38) (87,909.67)	25 504 ¢	1,387.08 980,328.41	0 \$ 0 \$		0 \$ 0 \$	-
55	SUBTUIAL		(/U, 44 9) \$	(3,000,74/.4/)	17,/04 \$	++3,100.3/	(3,100) \$	(0/,707.0/)	20,074 Þ	700,348.41	U \$	-	U \$	-

					Otter Tail Po	wer Company								
					Detail of MISO Day		n							
					December 2024 incl	udes any adjustme	nts							
		(4)	(D)	(0)	(D)		(E)	(0)	(11)			(17)	(I)	(14)
		(A)	(B)	(C)	(D) ETAIL	(E)	(F)	(G) ASSET BASED	(H)	(I)	(J)	(K)	(L) ASED WHOLESALE	(M)
	Charge Type Description	Acct	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
	Grandfathered Charge Types	1200	1/1/11	Cost	1/2 / / 12	Revenue	1/1/11	0.000	112 7 7 12	Hevenue	1/2 / / /2	COST	112 1 1 1 1	Herenae
54		55.05	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
55	~	55.06	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	_	0 \$	_
56		55.22	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	_	0 \$	-
57		55.23	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
58	SUBTOTAL		0 \$	=	0 \$	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
59	TOTAL MISO DAY 2 CHARGES		(731,574) \$	(30,890,558.88)	461,094 \$	21,359,254.20	(3,186) \$	(110,698.34)	42,068 \$	1,950,025.69	0 \$	-	0 \$	-
60	Less Schedule 16 & 17 (Lines 16, 17, 18)		\$	(111,905.61)	\$	770.05								
61	· · · · · · · · · · · · · · · · · · ·		\$	(20,552.10)										
62	No DA generation sch., but still had output for current month		\$	(12,282.96)										
63														
64														
65	Total for MN Energy Adjustment Rider		\$	(30,745,818.21)	\$	21,358,484.15								
66	Net Retail for MN Energy Adjustment Rider			•	\$ (9,387,334.06)									
67	Retail MWh include losses of 2.8%													
	ADDITIONAL REVENUE AND COSTS OF ASSET BASED AND NON ASSET BA	CED TD	ANGACTIONS											
60		SED IK	ANSACTIONS						ф	1,839,327.35			ф	
68 69										1,839,327.35 1,209,259.15			•	-
70	Less: Fuel Cost Less: Misc Cost Adjustment								ეი,იი∠ წ ტ	(120.94)			ф	_
71	Plus: Capacity Revenue								Φ	(120.94)			ማ ¢	_
72	Plus: Bilateral Sales												Ψ \$	_
73	Less: Bilateral Purchases												Ψ \$	-
74	Less: Schedule 24 for Asset Based Sales								\$	664.28			φ \$	_
75									Ψ	00.,20			Ψ	
76	TOTAL ASSET or NON ASSET BASED WHOLESALE								\$	629,524.86			\$	_
									T	,			1	

Otter Tail Power Company Detail of MISO Day 2 Charges - System Year to Date 2024 includes any adjustments (A) (B) (C) (F) (H) (I) (J) (L) NON ASSET BASED WHOLESALE ASSET BASED WHOLESALE RETAIL **Charge Type Description** MWh MWh MWh MWh Cost Cost MWh Cost MWh Acct Revenue Revenue Revenue No. Day Ahead & Real Time Energy 555.02 (165,794,906)3,589,744 108,322,512 112,613 5,046,972.70 DA Asset Energy Amount (5,803,953)0 \$ 0 \$ 0 \$ DA Non-asset Energy Amount 555.09 (346)52,665 1,282,957 0 \$ 0 \$ 0 \$ 0 \$ (4,312,971) 555.19 (198,988)220,214 0 \$ 0 \$ 6,467,276 0 \$ 0 \$ RT Asset Energy Amount 555.26 RT Non-Asset Energy Amount **SUBTOTAL** (6,002,941) \$ (170,108,223.31) 3,862,623 \$ 116,072,745.92 0 \$ 112,613 \$ 5,046,972.70 0 \$ 0 \$ Day Ahead & Real Time Energy Loss DA FBT Loss Amount 555.04 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 555.24 (660,281.48)0 \$ 3,121,361.95 0 \$ 0 \$ 0 \$ 0 \$ RT Distribution of Losses Amount 0 \$ 555.21 **RT FBT Loss Amount** 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ (6,686,296.64)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ DA Loss Amount (503,343.33)0 \$ 0 \$ 0 \$ 0 \$ RT Loss Amount 0 \$ 555.08 DA Losses Rebate on Option B GFA 0 \$ 0 \$ **SUBTOTAL** (7,849,921.45) 12 0 \$ 0 \$ 3,121,361.95 0 \$ 0 \$ -0 \$ 0 \$ Virtual Energy 555.12 DA Virtual Energy Amount 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ RT Virtual Energy Amount 555.32 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ **SUBTOTAL** 0 \$ 0 \$ _ 0 \$ 0 \$ -0 \$ 0 \$ Schedules 16 & 17 555.01 (805,219.44)(9,556.41)DA Mkt Admin Amount 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ RT Mkt Admin Amount 4,784.80 1,263.98 0 \$ 555.18 0 \$ (113,028.52)0 \$ 0 \$ (19,319.88)0 \$ 0 \$ FTR Mkt Admin Amount 555.13 0 \$ (16,098.80)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ (934,346.76) 1,263.98 **SUBTOTAL** 0 \$ 0 \$ 4,784.80 0 \$ (28,876.29) 0 \$ 0 \$ 0 \$ **Congestion & FTRs** 555.03 DA FBT Congestion Amount 0 \$ 0 \$ 0 \$ 21 (19,544,184.63) 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ DA Congestion 22 **RT FBT Congestion Amount** 555.20 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 23 RT Congestion (1,422,743.80)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ FTR Hourly Allocation Amount (1,611,006.03)0 \$ 42,560,841.56 0 \$ 0 \$ 0 \$ 555.14 0 \$ 0 \$ 25 FTR Monthly Allocation Amount 555.15 0 \$ 0 \$ 0 \$ 1,068,195.10 0 \$ 0 \$ 0 \$ 555.17 (0.12)0 \$ FTR Yearly Allocation Amount 0 \$ 562,661.01 0 \$ FTR Monthly Transaction Amount 555.35 0 \$ 0 \$ 0 \$ 0 \$ 28 FTR Full Funding Guarantee Amount 555.36 0 \$ 0 \$ 1,985,879.10 0 \$ 0 \$ (1,547,134.93)0 \$ 0 \$ FTR Guarantee Uplift Amount 555.37 (1,985,879.15)1,635,233.02 0 \$ 0 \$ 0 \$ 555.39 0 \$ FTR Auction Revenue Rights Transaction Amount 0 \$ (30,555.85)52,022,116.68 0 \$ 555.38 (49,948,592.11) 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ FTR Annual Transaction Amount 35,170.86 FTR Auction Revenue Rights Infeasible Uplift Amount 555.40 0 \$ (141,611.85)0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 555.41 0 \$ 2,380,975.42 0 \$ 0 \$ FTR Auction Revenue Rights Stage 2 Distribution Amount 0 \$ (0.05)0 \$ 0 \$ 555.07 DA Congestion Rebate on Option B GFA 0 \$ **SUBTOTAL** 0 \$ (56,687,523.89) 0 \$ 82,706,888.12 0 \$ 0 \$ 0 \$ 0 \$ RSG & Make Whole Payments DA Revenue Sufficiency Guarantee Distribution Amount 555.10 0 \$ (113,048.05)0 \$ 2,367.32 0 \$ (5,861.23)0 \$ 86.19 0 \$ 0 \$ DA Revenue Sufficiency Guarantee Make Whole Pymt Amount 0 \$ 0 \$ 555.11 0 \$ 0 \$ 62,495.72 0 \$ 13,909.27 0 \$ 38 RT Revenue Sufficiency Guarantee First Pass Distribution Amount 555.29 (82,455.21) 0 \$ 3,995.00 0 \$ (4,419.00)0 \$ 149.51 0 \$ 0 \$ 0 \$ RT Revenue Sufficiency Guarantee Make Whole Pymt Amount 555.30 221,280.25 0 \$ 0 \$ (131.75)0 \$ RT Price Volatility Make Whole Payment 555.42 0 \$ (959.95)0 \$ 369,613.99 0 \$ (22.44)0 \$ 16,935.43 0 \$ 0 \$ 41 252,360.65 SUBTOTAL 0 \$ (196,463.21) 0 \$ 438,472.03 0 \$ (10,434.42) 0 \$ 0 \$ 0 \$ RNU & Misc Charges **RT Misc Amount** 555.25 (10,596.90)0 \$ 0 \$ 640,366.53 0 \$ 0 \$ 0 \$ 0 \$ **RT Net Inadvertent Amount** 555.27 (219,089.97)242,545.24 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 44 RT Revenue Neutrality Uplift Amount 555.28 0 \$ (2,025,284.84)0 \$ 324,811.82 0 \$ (97,950.62)0 \$ 17,769.22 0 \$ 0 \$ 45 **RT Uninstructed Deviation Amount** 555.31 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ RT Demand Response Allocation Uplift Amount 555.59 (63,407.16)1,064.83 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ DA Ramp Product 555.63 0 \$ 0 \$ 133,646.69 0 \$ 0 \$ 0 \$ 0 \$ RT Ramp Product 555.64 (8,527.28)0 \$ 16,837.69 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ RT Schedule 49 Cost Distribution Amount 555.65 0 \$ (263,084.01)0 \$ 531.41 0 \$ 0 \$ 0 \$ 0 \$ (2,589,990.16) SUBTOTAL 1,359,804.21 (97,950.62) 17,769.22 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ -**ASM Charges** RT ASM Non-Excessive Energy Amount 555.55 (730,554.95) 185,584 \$ (651,868) \$ (15,875,437.48)228,846 \$ 5,179,248.56 (26,391) \$ 5,613,786.10 0 \$ 0 \$ RT ASM Excessive Energy Amount 555.56 (1,909) \$ (57,924.16)2,653 \$ 27,027.26 (16) \$ (954.99)452 \$ 6,770.66 0 \$ 0 \$ SUBTOTAL (653,777) \$ (15,933,361.64) 5,206,275.82 (26,407) \$ (731,509.94) 186,036 \$ 231,499 \$ 5,620,556.76 0 \$ 0 \$

						wer Company 2 Charges - System								
					Year to Date 2024 inc		S							
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
					ETAIL			ASSET BASEI					SED WHOLESA	ALE
	Charge Type Description	Acct	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
	Grandfathered Charge Types													
54	g .	555.05	0 \$	-	0 8	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
55		555.06	0 \$	-	0 8	-	0 \$	-	0 \$	-	0 \$	-	0 \$	-
56		555.22	0 \$	-	0 8	r	0 \$	-	0 \$		0 \$	-	0 \$	-
57		555.23	0 \$	-	0 9		0 \$	-	0 \$		0 \$	-	0 \$	-
58	SUBTOTAL		0 \$	-	0	-	0 \$	-	0 8	-	0 \$	-	0 \$	-
			1											
	TOTAL MISO DAY 2 CHARGES		(6,656,718) \$	(254,299,830.42)	4,094,122	\$ 208,910,332.85	(26,407) \$	(868,771.27)	298,649	10,938,923.31	0 \$	-	0 \$	-
60			\$	(934, 346.76)	:	\$ 4,784.80								
61			\$	(5,137,626.76)	0	•								
62	, ,		\$	(230,638.50)	0	-								
63	Accounting RLA Adjustment to Montana-Dakota		\$	43,545.93	:	-								
64														
65	Total for MN Energy Adjustment Rider		\$	(248,040,764.33)	:	\$ 208,905,548.05								
66	Net Retail for MN Energy Adjustment Rider				\$ (39,135,216.28)									
67	Retail MWh include losses of 2.8%													
L														
	ADDITIONAL REVENUE AND COSTS OF ASSET BASED AND NON ASSET	Γ BASED TR	RANSACTIONS											
68	NET MISO (Rev-Cost and MWh)								9-0	10,070,152.04			\$	-
69	Less: Fuel Cost								270,795	7,551,752.93				
70	Less: Misc Cost Adjustment								•	(254,838.37)			\$	-
71	Plus: Capacity Revenue												\$	-
72													\$	-
73	Less: Bilateral Purchases												\$	-
74	Less: Schedule 24 for Asset Based Sales								•	4,239.30			\$	-
75														
76	TOTAL ASSET or NON ASSET BASED WHOLESALE									2,768,998.18			\$	-

	Detail of Southwe		Otter Tail Power ool (SPP) Charges b nuary 2024 includes (Revenue) E	y Charge Group for any adjustments	Current Month - Sy	stem		
	Observe Trans Description	(A)	(B)	(C)	(D) Retail	(E)	(F) and (G)** Charge types with	
	Charge Type Description	Acct	Retail Debits	Retail Credits	Adjustments	Net Retail	MWH for Retail	
	Day Ahead & Real Time Asset & Non Asset Energy & Loss	FFF 40	•	Φ.	.	<u> </u>		
1	DA Asset Energy Amount	555.19 555.03	\$ - \$ -	\$ - \$ -	\$ - \$ \$ - \$		•	
3	DA Non-asset Energy Amount RT Asset Energy Amount	555.09	\$ -	\$ -	\$ (84.07)		-	
4	RT Non-Asset Energy Amount	555.00	\$ -	\$ -	\$ (04.07) \$	(04.07)	-	
5	TOTAL	333.00	\$ -	\$ -	\$ (84.07)	(84.07)		
	RSG & Make Whole Payments		<u> </u>	Ψ -	\$ (04.01) 4	(04.07)	-	
6	DA Make-Whole-Payment Distribution Amount	555.02	\$ -	\$ -	\$ - \$	-		
7	RT Make-Whole-Payment Distribution Amount	555.10	\$ -	\$ -	\$ (5.85)			
8	RT Revenue Sufficiency Guarantee Distribution Amount	555.10	\$ -	\$ -	\$ (5.85) 4			
9	TOTAL	000.10	\$ -	\$ -	\$ (5.85)		-	
	Revenue Neutrality Uplift		<u> </u>	<u> </u>	(0.00)	(0.00)		
10	RT Revenue Neutrality Uplift Distribution Amount	555.15	\$ -	\$ -	\$ 2.23 \$	2.23		
11	TOTAL	333.13	\$ -	\$ -	\$ 2.23 \$			
	Other Charges		7	Ŧ	, <u> </u>			
12	DA Regulation-Down Distribution Amount	555.04	\$ -	\$ -	\$ (0.10) \$	(0.10)		
13	DA Regulation-Down Distribution Amount	555.05	\$ -	\$ -	\$ (0.10) \$			
14	DA Spinning Reserve Distribution Amount	555.06	\$ -	\$ -	\$ (0.29) \$		-	
15	DA Supplemental Reserve Distribution Amount	555.07	\$ -	\$ -	\$ (0.07) \$			
16	RT Contingency Reserve Deployment Failure Amount	555.08	\$ -	\$ -	\$ - 9			
17	RT Over-Collected Losses Distribution Amount	555.11	\$ -		\$ (136.78)			
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	\$ 335,190.17	\$ (249,595.67)	\$ - \$	85,594.50	-	
24	RT Pseudo Tie Loss Amount	555.21	\$ 51,862.88		\$ - \$		-	
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	\$ -	\$ -	\$ (0.13) \$		-	
29	RT Schedule 1A4 Amount	555.30	\$ -	\$ -	\$ (0.57) \$		-	
30	DA Ramp Up Distribution Amount	555.31	\$ -	\$ -	\$ (0.05) \$		-	
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	\$ -	\$ -	\$ - 9		-	
34	RT Ramp Down Distribution Amount	555.35	\$ -	\$ -	\$ - \$		-	
35 36	ArrAucTxnAoAmt TOTAL	555.36	\$ - \$ 387,053.05		\$ - \$ \$ (138.30) \$		-	
			φ 301,003.05	φ (300,023.9U)	φ (130.3U) \$	(199,/11.15)	•	
	Grandfathered Charge Types	555.0	_	Δ.	A (0.45) #	(0.45)		
37	DA GFA Carve Out Distribution Deployment Daily Amount	555.01	\$ -	\$ -	\$ (0.15)		-	
38	DA GFA Carve Out Distribution Deployment Monthly Amount	555.22	\$ -	\$ -	\$ - 9	-	-	
		555.27		Ψ		- (0.1F)		
				•			-	
39 40 41	DA GFA Carve Out Distribution Deployment Yearly Amount TOTAL TOTAL SPP CHARGES	555.27	\$ - \$ - \$ 387,053.05	\$ - \$ - \$ (586,625.90)	\$ (0.15) \$ \$ (226.14) \$		- - -	
12 13	Net SPP Charges for Retail = (B) + (C) + (D) Net KWH for retail = $((F) + (G)) * 1,000$			\$ (199,798.99)	**	(F) and (G) increase	d for losses of 2.8%	
4	January 2024 covers time period of 12/26/2023 01/23/2024		Net Retail	Net SPP KWH				
15	SPP Book Totals		\$ (199,572.85)	-				
16	Adjustments		\$ (226.14)	-				
17	Total SPP		\$ (199,798.99)	-				

	Detail of Southwe		Otter Tail Powe ool (SPP) Charges b oruary 2024 include (Revenue) E	y Charge Group fo s any adjustments	or Current Month - Sy	ystem		
		(A)	(B)	(C)	(D) Retail	(E)	(F) and (G)** Charge types with	
	Charge Type Description	Acct	Retail Debits	Retail Credits	Adjustments	Net Retail	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	555.03 555.09	\$ - \$ -	\$ - \$ -		\$ - \$ -	-	-
3	RT Asset Energy Amount RT Non-Asset Energy Amount	555.09 555.00	\$ - \$ -	\$ -		\$ - \$ -	-	-
5	TOTAL	555.00	\$ -	\$ -		\$ -	<u> </u>	
Ü	RSG & Make Whole Payments			<u> </u>	<u> </u>	<u>*</u>		
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 14	DA Regulation-Up Distribution Amount DA Spinning Reserve Distribution Amount	555.05 555.06	\$ - \$ -	\$ -		\$ - \$ -	-	-
15	DA Spirining Reserve Distribution Amount DA Supplemental Reserve Distribution Amount	555.06	\$ -	\$ - \$ -		\$ - \$ -	-	
16	RT Contingency Reserve Deployment Failure Amount	555.08	\$ -	\$ -		\$ -		_
17	RT Over-Collected Losses Distribution Amount	555.11	\$ 2.99	\$ (8,220.12)		\$ (8,353.31)	-	-
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	\$ 203,045.82	\$ (12,190.57)		\$ 190,855.25	-	-
24	RT Pseudo Tie Loss Amount	555.21	\$ 26,560.26	\$ (3,920.17)		\$ 22,640.09	-	-
25 26	Miscellaneous Amount ARR Closeout Yearly Amount	555.23 555.26	\$ - \$ -	\$ - \$ -		\$ - \$ -	-	-
27	RT Demand Reduction Distribution Amount	555.28	\$ -	\$ -		\$ - \$ -	-	-
28	RT Schedule 1A3 Amount	555.29	\$ -	\$ -		\$ - \$ -		- 1
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	ArrAucTxnAoAmt	555.36	\$ -	\$ (338,707.46)		\$ (338,707.46)	-	-
36	TOTAL		\$ 229,609.07	\$ (363,038.32)	\$ (136.18)	\$ (133,565.43)	-	
27	Grandfathered Charge Types DA GFA Carve Out Distribution Deployment Daily Amount	EEE 04	•	•	•	•		
37 38	DA GFA Carve Out Distribution Deployment Daily Amount DA GFA Carve Out Distribution Deployment Monthly Amount	555.01 555.22	\$ - \$ -	\$ - \$ -		\$ - \$ -	-	
39	DA GFA Carve Out Distribution Deployment Monthly Amount DA GFA Carve Out Distribution Deployment Yearly Amount	555.27	\$ -	\$ -		\$ - \$ -		
40	TOTAL	000.21	\$ -	\$ -	Ψ	\$ -	-	
41	TOTAL SPP CHARGES		\$ 229,609.07	•			-	
42 43	Net SPP Charges for Retail = (B) + (C) + (D) Net KWH for retail = ((F) + (G)) * 1,000			\$ (133,565.43)		* (F) and (G) increase	d for losses of 2.8%	-
44	February 2024 covers time period of 1/24/2024 - 2/21/2024		Net Retail	Net SPP KWH		(, 22 (2,370000		
45 46	SPP Book Totals		\$ (133,429.25)	-				
46	Adjustments		\$ (136.18) \$ (133,565.43)	-				
47	Total SPP							

	Detail of Southwe		ool (SP		Charge Group fo ny adjustments	or Cu	rrent Month - Sy	stem		
		(A)		(B)	(C)		(D) Retail	(E)	(F) and (G)** Charge types with	
	Charge Type Description	Acct	Re	etail Debits	Retail Credits		Adjustments	Net Retail	MWH for Retail	
No.	Day Ahead & Real Time Asset & Non Asset Energy & Loss									
1	DA Asset Energy Amount	555.19	\$		\$ -	\$	- 9		-	-
2	DA Non-asset Energy Amount	555.03 555.09	\$ \$		\$ - \$ -	\$ \$	- \$ 46.90 \$		-	-
3	RT Asset Energy Amount RT Non-Asset Energy Amount	555.09 555.00	\$		\$ - \$ -	\$	46.90 \$		•	-
5	TOTAL	555.00	\$		\$ -	\$	46.90	,		$-$: \Box
J	RSG & Make Whole Payments		Ψ		<u></u>	Ψ	40.30	70.30	-	_
6	DA Make-Whole-Payment Distribution Amount	555.02	\$		\$ -	\$	- 9	-		-
7	RT Make-Whole-Payment Distribution Amount	555.10	\$	-	\$ -	\$	6.35		-	-
8	RT Revenue Sufficiency Guarantee Distribution Amount	555.18	\$	-	\$ -	\$	- 9		-	-
9	TOTAL		\$	-	\$ -	\$	6.35	6.35	-	-
	Revenue Neutrality Uplift									
10	RT Revenue Neutrality Uplift Distribution Amount	555.15	\$		\$ -	\$	(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		-	-
14	DA Spinning Reserve Distribution Amount	555.06	\$		\$ -	\$	0.20 \$		-	-
15	DA Supplemental Reserve Distribution Amount	555.07	\$		\$ -	\$	0.05		-	-
16	RT Contingency Reserve Deployment Failure Amount	555.08	\$		\$ -	\$	9		-	-
17 18	RT Over-Collected Losses Distribution Amount	555.11	\$		\$ (6,884.43)		143.70		-	-
18	RT Regulation-Down Distribution Amount RT Regulation Non-Performance Distribution Amount	555.12 555.13	\$ \$		\$ - \$ -	\$	- 9		-	-
20	RT Regulation-Up Distribution Amount	555.14	\$		\$ -	\$	- 9		-	- 1
21	RT Spinning Reserve Distribution Amount	555.16	\$		\$ -	\$	- 9		_	_
22	RT Supplemental Reserve Distribution Amount	555.17	\$		\$ -	\$	- 3		-	-
23	RT Pseudo Tie Congestion Amount	555.20	\$		\$ (67,874.06)	\$	936.45		-	-
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)	\$	- 9	(0.14)	-	-
26	ARR Closeout Yearly Amount	555.26	\$		\$ -	\$	- \$		-	-
27	RT Demand Reduction Distribution Amount	555.28	\$		\$ -	\$	0.01		-	-
28	RT Schedule 1A3 Amount	555.29	\$		\$ -	\$	0.08		-	-
29	RT Schedule 1A4 Amount	555.30	\$		\$ -	\$	0.41 \$		-	-
30 31	DA Ramp Up Distribution Amount DA Ramp Down Distribution Amount	555.31	\$ \$		\$ - \$ -	\$ \$	0.02		-	-
32	RT Ramp Non Performance Distribution Amount	555.32 555.33	\$		\$ -	\$	0.01			- [
33	RT Ramp Up Distribution Amount	555.34	\$		\$ -	\$	- 9		_	_
34	RT Ramp Down Distribution Amount	555.35	\$		\$ -	\$	- 9		_	-
35	ArrAucTxnAoAmt	555.36	\$		\$ (90,507.68)	-	- 3		-	-
36	TOTAL		\$		\$ (169,348.55)		1,193.28		-	-
	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	\$	-	\$ -	\$	- 9	-	-	-
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 43	Net SPP Charges for Retail = (B) + (C) + (D) Net KWH for retail = ((F) + (G)) * 1,000				\$ (36,839.89)		**	(F) and (G) increase	d for losses of 2.8%	-
44	March 2024 covers time period of 2/22/2024 - 3/21/2024			Net Retail	Net SPP KWH			.,		
45 46	SPP Book Totals		\$	(38,078.95)	-					
	Adjustments		\$	1,239.06	-					
47	Total SPP		\$	(36,839.89)	-					

	Detail of Southwe		ool (S	Otter Tail Power SPP) Charges by 2024 includes a (Revenue) Ex	Charge Group for	Current Month - S	ystem	
		(A)		(B)	(C)	(D) Retail	(E)	(F) and (G)** Charge types with
	Charge Type Description	Acct	F	Retail Debits	Retail Credits	Adjustments	Net Retail	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	\$	4,575.13	\$ -		\$ 4,575.13	422
5	RT Non-Asset Energy Amount TOTAL	555.00	<u>\$</u>	4,575.13	\$ - \$ -	\$ - \$ -	\$ - \$ 4,575.13	422
	RSG & Make Whole Payments		ð	4,575.13	-	-	\$ 4,575.13	422
6	DA Make-Whole-Payment Distribution Amount	555.02	\$		¢	\$ -	\$ -	
7	RT Make-Whole-Payment Distribution Amount	555.10	\$	521.74	\$ - \$ -		\$ 521.74	-
8	RT Revenue Sufficiency Guarantee Distribution Amount	555.18	\$	321.74	\$ - \$ -	\$ -	\$ 521.74	
9	TOTAL	000.10	\$	521.74	\$ -		\$ 521.74	-
	Revenue Neutrality Uplift		Ť	<u> </u>	<u>*</u>	<u>*</u>	* • • • • • • • • • • • • • • • • • • •	
10	RT Revenue Neutrality Uplift Distribution Amount	555.15	\$	202.22	\$ (6.12)	\$ -	\$ 196.10	
11	TOTAL	000.10	\$		\$ (6.12)		\$ 196.10	-
	Other Charges		Ť		. (3/12)			
12	DA Regulation-Down Distribution Amount	555.04	\$	45.47	\$ -	\$ -	\$ 45.47	-
13	DA Regulation-Up Distribution Amount	555.05	\$		\$ -	\$ -	\$ 85.41	
14	DA Spinning Reserve Distribution Amount	555.06	\$		\$ -	\$ -	\$ 47.18	
15	DA Supplemental Reserve Distribution Amount	555.07	\$	13.04	\$ -	\$ -	\$ 13.04	
16	RT Contingency Reserve Deployment Failure Amount	555.08	\$	-	\$ (0.01)	\$ -	\$ (0.01)	
17	RT Over-Collected Losses Distribution Amount	555.11	\$				\$ (6,553.46)	-
18	RT Regulation-Down Distribution Amount	555.12	\$		\$ -	\$ -	\$ 7.76	
19	RT Regulation Non-Performance Distribution Amount	555.13	\$				\$ (10.74)	-
20	RT Regulation-Up Distribution Amount	555.14	\$		\$ (3.57)		\$ (1.52)	-
21 22	RT Spinning Reserve Distribution Amount RT Supplemental Reserve Distribution Amount	555.16 555.17	\$ \$				\$ 0.61 \$ (1.59)	
23	RT Pseudo Tie Congestion Amount	555.17	\$				\$ (1.59) \$ (55,841.77)	-
24	RT Pseudo Tie Congestion Amount	555.20	\$				\$ 9,200.11	
25	Miscellaneous Amount	555.23	\$		\$ (5,043.72)		\$ 5,200.11	
26	ARR Closeout Yearly Amount	555.26	\$		\$ -	\$ -	\$ -	
27	RT Demand Reduction Distribution Amount	555.28	\$		\$ -	\$ -	\$ -	
28	RT Schedule 1A3 Amount	555.29	\$		\$ -	\$ -	\$ 12.75	
29	RT Schedule 1A4 Amount	555.30	\$		\$ -	\$ -	\$ 39.85	
30	DA Ramp Up Distribution Amount	555.31	\$		\$ -	\$ -	\$ 5.43	-
31	DA Ramp Down Distribution Amount	555.32	\$	-	\$ -		\$ -	
32	RT Ramp Non Performance Distribution Amount	555.33	\$	-			\$ (0.10)	-
33	RT Ramp Up Distribution Amount	555.34	\$	-		\$ -	\$ (0.06)	-
34 35	RT Ramp Down Distribution Amount	555.35	\$ \$	-	\$ -	\$ - \$ -	\$ -	-
36	ArrAucTxnAoAmt TOTAL	555.36	\$	66,584.72	\$ - \$ (119,479.02)		\$ - \$ (52,951.64)	
	Grandfathered Charge Types		Ą	00,304.72	w (113,413.02)	ψ (31.34)	v (32,331.04)	-
37	DA GFA Carve Out Distribution Deployment Daily Amount	555.01	\$	18.45	\$ -	\$ -	\$ 18.45	
38	DA GFA Carve Out Distribution Deployment Daily Amount DA GFA Carve Out Distribution Deployment Monthly Amount	555.22	\$		\$ -	\$ -	\$ 10.45 \$ -	
39	DA GFA Carve Out Distribution Deployment Yearly Amount	555.27	\$	-	\$ -	\$ -	\$ -	_
40	TOTAL		\$	18.45	\$ -		\$ 18.45	-
				-			-	
41	TOTAL SPP CHARGES		\$	71,902.26	\$ (119,485.14)	\$ (57.34)	\$ (47,640.22)	422
42 43	Net SPP Charges for Retail = (B) + (C) + (D) Net KWH for retail = ((F) + (G)) * 1,000				\$ (47,640.22)	,	** (F) and (G) increase	422,158 and for losses of 2.8%
44	March 2024 covers time period of 2/22/2024 - 3/21/2024		_	Net Retail	Net SPP KWH		.,,	
45	SPP Book Totals		\$	(47,582.88)	422,158			
	A division and a		\$	(57.34)	_			
46 47	Adjustments Total SPP		\$	(47,640.22)	422,158			

	Detail of Southwe		ool (S		ny adjustments	for C	current Month - Sy	stem		
		(A)		(B)	(C)		(D) Retail	(E)	(F) and (G)** Charge types with	
	Charge Type Description	Acct		Retail Debits	Retail Credits		Adjustments	Net Retail	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	\$	-	\$ -	\$	- 9		-	
3	RT Asset Energy Amount	555.09	\$	-	\$ (112.62		- 9		-	(12)
5	RT Non-Asset Energy Amount TOTAL	555.00	\$ \$		\$ - \$ (112.62	\$ 2) \$	- S			(12)
S	RSG & Make Whole Payments		ð	•	\$ (112.02	<u>2)</u>	- ,	(112.02)	•	(12
6	DA Make-Whole-Payment Distribution Amount	555.02	\$		\$ -	\$	- 9	-		
7	RT Make-Whole-Payment Distribution Amount	555.10	\$	7.57	\$ -	\$	- 9			
8	RT Revenue Sufficiency Guarantee Distribution Amount	555.18	\$	7.57	\$ -	\$	- 9		-	
9	TOTAL	000.10	\$	7.57	\$ -	\$	- 3			
	Revenue Neutrality Uplift									
10	RT Revenue Neutrality Uplift Distribution Amount	555.15	\$	1.76	\$ -	\$	- 9	1.76		
11	TOTAL		\$		\$ -	\$			-	-
	Other Charges									
12	DA Regulation-Down Distribution Amount	555.04	\$	0.43	\$ -	\$	- \$	0.43	-	_
13	DA Regulation-Up Distribution Amount	555.05	\$	2.34	\$ -	\$	- \$		-	-
14	DA Spinning Reserve Distribution Amount	555.06	\$	0.82	\$ -	\$	- 9		-	-
15	DA Supplemental Reserve Distribution Amount	555.07	\$	0.20	\$ -	\$	- \$		-	-
16	RT Contingency Reserve Deployment Failure Amount	555.08	\$	-	\$ -	\$	- \$		-	-
17	RT Over-Collected Losses Distribution Amount	555.11	\$	-	\$ (5,351.74		(168.84)		-	-
18	RT Regulation-Down Distribution Amount	555.12	\$	-	\$ (0.14		- 9		-	-
19 20	RT Regulation Non-Performance Distribution Amount	555.13	\$	-	\$ (0.65		- 9		•	-
21	RT Regulation-Up Distribution Amount RT Spinning Reserve Distribution Amount	555.14 555.16	\$ \$	-	\$ (0.0	1) \$	- 9		-	-
22	RT Supplemental Reserve Distribution Amount	555.17	\$		\$ -	\$	- 9			
23	RT Pseudo Tie Congestion Amount	555.20	\$	29,271,16	\$ (79,794.08		(236.01)		-	_
24	RT Pseudo Tie Loss Amount	555.21	\$	2,357.86	\$ (4,814.83		21.50			_
25	Miscellaneous Amount	555.23	\$	-,	\$ -	\$	- 3		-	-
26	ARR Closeout Yearly Amount	555.26	\$	-	\$ -	\$	- 9	-	-	-
27	RT Demand Reduction Distribution Amount	555.28	\$	-	\$ -	\$	- 9	-	-	-
28	RT Schedule 1A3 Amount	555.29	\$	0.37	\$ -	\$	- \$		-	-
29	RT Schedule 1A4 Amount	555.30	\$	1.13	\$ -	\$	- \$		-	-
30	DA Ramp Up Distribution Amount	555.31	\$	-	\$ -	\$	- 9		-	-
31 32	DA Ramp Down Distribution Amount RT Ramp Non Performance Distribution Amount	555.32 555.33	\$	-	\$ - \$ -	\$	- 9		-	-
32	RT Ramp Non Performance Distribution Amount RT Ramp Up Distribution Amount	555.34	\$	-	\$ -	\$	- 3		-	-
34	RT Ramp Down Distribution Amount	555.35	\$	-	\$ -	\$	- 9			-
35	ArrAucTxnAoAmt	555.36	\$	-	\$ -	\$	- 9		-	_
36	TOTAL	000.00	\$	31,634.31	\$ (89,961.45		(383.35)			
	Grandfathered Charge Types		·	,,,,,,	(127	, ,	(******,	(,,		
37	DA GFA Carve Out Distribution Deployment Daily Amount	555.01	\$	1.12	\$ -	\$	- 9	1.12		
38	DA GFA Carve Out Distribution Deployment Monthly Amount	555.22	\$	-	\$ -	\$	- 3		-	-
39	DA GFA Carve Out Distribution Deployment Yearly Amount	555.27	\$		\$ -	\$	- 9			
40	TOTAL		\$	1.12	\$ -	\$	- \$	1.12	-	-
41	TOTAL SPP CHARGES		\$	31,644.76	\$ (90,074.07	7) \$	(383.35) \$	5 (58,812.66)	-	(12)
42 43	Net SPP Charges for Retail = $(B) + (C) + (D)$ Net KWH for retail = $((F) + (G)) * 1,000$				\$ (58,812.66	5)	**	(F) and (G) increased		(12,007
44	March 2024 covers time period of 2/22/2024 - 3/21/2024		_	Net Retail	Net SPP KWH			() (2) 04000		
45	SPP Book Totals		\$	(58,429.31)	(12,007	7)				
46 47	Adjustments Total SPP		\$	(383.35)	(12,007	-\				
	L LOTAL SPP		\$		(12 00	/ 1				

	Detail of Southwe			SPP) Charges by 2024 includes a (Revenue) Ex	ny adjustments	r Current Month - Sy	stem		
		(A)		(B)	(C)	(D) Retail	(E)	(F) and (G)** Charge types with	
	Charge Type Description	Acct		Retail Debits	Retail Credits	Adjustments	Net Retail	MWH for Retail	
lo.	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	\$	-	\$ -	\$ (89.27)	\$ (89.27)	-	
4 5	RT Non-Asset Energy Amount TOTAL	555.00	\$ \$		\$ - \$ -	\$ - : \$ (89.27)	\$ - \$ (89.27)	-	—
0	RSG & Make Whole Payments		Þ		<u>,</u>	\$ (09.27)	(09.27)	•	_
6	DA Make-Whole-Payment Distribution Amount	555.02	\$		\$ -	\$ - :	š -		_
7	RT Make-Whole-Payment Distribution Amount	555.02	\$	-	\$ -	\$ (39.36)		-	
8	RT Revenue Sufficiency Guarantee Distribution Amount	555.10	\$	-	\$ -	\$ (39.36)	(39.30)		
9	TOTAL	000.10	\$	-	\$ -	\$ (39.36)	\$ (39.36)		_
	Revenue Neutrality Uplift		Ť			, (22.00)	. ()		
0	RT Revenue Neutrality Uplift Distribution Amount	555.15	S	-	\$ -	\$ (16.18)	\$ (16.18)		7
1	TOTAL	0000	\$	-	\$ -	\$ (16.18)		-	_
٦	Other Charges					, , , , , ,			
2	DA Regulation-Down Distribution Amount	555.04	\$	-	\$ -	\$ (1.59)	\$ (1.59)		_
3	DA Regulation-Up Distribution Amount	555.05	\$	-	\$ -	\$ (2.18)		-	
4	DA Spinning Reserve Distribution Amount	555.06	\$	-	\$ -	\$ (0.89)	\$ (0.89)	-	
5	DA Supplemental Reserve Distribution Amount	555.07	\$	-	\$ -	\$ (0.19)	\$ (0.19)		
6	RT Contingency Reserve Deployment Failure Amount	555.08	\$	-	\$ -		\$ -	-	
7	RT Over-Collected Losses Distribution Amount	555.11	\$	100.02	\$ (4,933.55)	\$ (215.13)		-	
3	RT Regulation-Down Distribution Amount	555.12	\$	-	\$ -	\$ (1.24)		-	
9	RT Regulation Non-Performance Distribution Amount	555.13	\$	-	\$ -	\$ (31.91)		•	
0	RT Regulation-Up Distribution Amount RT Spinning Reserve Distribution Amount	555.14	\$	-	\$ - \$ -	\$ 0.30 \$ \$ (0.06)		•	
1	RT Supplemental Reserve Distribution Amount	555.16 555.17	\$ \$	-	\$ -		\$ (0.06) \$ -	-	
3	RT Pseudo Tie Congestion Amount	555.20	\$	4.652.49			\$ (72.892.79)		
4	RT Pseudo Tie Loss Amount	555.21	\$			\$ (0.22)			
5	Miscellaneous Amount	555.23	\$	-110.00	\$ -		\$ (12,042.00)		
6	ARR Closeout Yearly Amount	555.26	\$	-			\$ (267,887.97)		
7	RT Demand Reduction Distribution Amount	555.28	\$	-	\$ -		\$ -		
8	RT Schedule 1A3 Amount	555.29	\$	-	\$ -	\$ (0.32)	\$ (0.32)	-	
9	RT Schedule 1A4 Amount	555.30	\$	-	\$ -	\$ (1.02)	\$ (1.02)		
0	DA Ramp Up Distribution Amount	555.31	\$	-	\$ -	\$ 0.03	\$ 0.03	-	
1	DA Ramp Down Distribution Amount	555.32	\$	-	\$ -		\$ -		
2	RT Ramp Non Performance Distribution Amount	555.33	\$	-	\$ -		\$ (0.92)		
3	RT Ramp Up Distribution Amount	555.34	\$	-	\$ -	*	ş -	-	
4 5	RT Ramp Down Distribution Amount	555.35	\$	-	\$ -		-	•	
3	ArrAucTxnAoAmt TOTAL	555.36	\$ \$	5,225.54	\$ - \$ (362,866.51)		\$ - \$ (357,911.77)	•	_
	Grandfathered Charge Types		ð	3,223.34	\$ (302,800.31)	\$ (270.00)	\$ (337,911.77)	·	_
7	DA GFA Carve Out Distribution Deployment Daily Amount	555.01	\$		\$ -	\$ (1.10)	\$ (1.10)		4
3	DA GFA Carve Out Distribution Deployment Monthly Amount	555.22	\$	-	\$ -		\$ (1.10) \$ -		
9	DA GFA Carve Out Distribution Deployment Yearly Amount	555.27	\$	-			\$ (22.70)		
Ó	TOTAL		\$	-	7 ()	\$ (1.10)		-	_
	TOTAL SPP CHARGES	_	\$	5,225.54	\$ (362,889.21)	\$ (416.71)	\$ (358,080.38)	-	_
	Net SPP Charges for Retail = $(B) + (C) + (D)$ Net KWH for retail = $((F) + (G)) * 1,000$				\$ (358,080.38)	*	* (F) and (G) increase	d for losses of 2.8%	
	June 2024 covers time period of 5/24/2024 - 6/20/2024		_	Net Retail	Net SPP KWH		(.) and (O) morease	a .c. 100000 01 2.0 /0	
5 6	SPP Book Totals		\$	(357,663.67)	-				
7	Adjustments		\$	(416.71)	-				_
	Total SPP		\$	(358,080.38)	-				

	Detail of Southwe		ool (SF		Charge Group f y adjustments	or C	current Month - Sys	stem		
		(A)		(B)	(C)		(D) Retail	(E)	(F) and (G)** Charge types with	
	Charge Type Description	Acct	Re	tail Debits	Retail Credits		Adjustments	Net Retail	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	\$ \$		\$ - \$ -	\$	- \$		-	- 1
5	RT Non-Asset Energy Amount TOTAL	555.00	\$		\$ - \$ -	\$ \$	- S		-	—∸
3	RSG & Make Whole Payments		ð	-	Ф -	- P	- +	-	•	_
6	DA Make-Whole-Payment Distribution Amount	555.02	\$	_	\$ -	\$	- \$	_	<u>. </u>	_
7	RT Make-Whole-Payment Distribution Amount	555.02	\$	-	\$ -	\$	- 9			
8	RT Revenue Sufficiency Guarantee Distribution Amount	555.18	\$	-	\$ -	\$			-	Ī
9	TOTAL	000.10	\$	-	\$ -	\$			-	\neg
	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	\$		\$ (7,893.79		(225.50) \$		-	-
18	RT Regulation-Down Distribution Amount	555.12	\$		\$ -	\$	- 9		-	-
19 20	RT Regulation Non-Performance Distribution Amount	555.13	\$		\$ -	\$	- \$		-	- 1
21	RT Regulation-Up Distribution Amount RT Spinning Reserve Distribution Amount	555.14 555.16	\$ \$		\$ - \$ -	\$ \$	- \$ - \$		-	- 1
22	RT Supplemental Reserve Distribution Amount	555.17	\$		\$ -	\$	- 9		1	- 1
23	RT Pseudo Tie Congestion Amount	555.20	\$		\$ (45,940.13		23.50		_	
24	RT Pseudo Tie Loss Amount	555.21	\$		\$ (8,242.52		(8.43) \$		-	
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 32	DA Ramp Down Distribution Amount RT Ramp Non Performance Distribution Amount	555.32 555.33	\$ \$		\$ - \$ -	\$ \$	- §		-	- 1
33	RT Ramp Non Performance Distribution Amount RT Ramp Up Distribution Amount	555.34	\$		\$ - \$ -	\$	- 3		-	- 1
34	RT Ramp Down Distribution Amount	555.35	\$		\$ -	\$	- 9			
35	ArrAucTxnAoAmt	555.36	\$		\$ -	\$	- 9		-	Ī
36	TOTAL	000.00	\$		\$ (62,076.44) \$			-	
	Grandfathered Charge Types				, ,		, , , ,			
37	DA GFA Carve Out Distribution Deployment Daily Amount	555.01	\$	-	\$ -	\$	- \$	-		-
38	DA GFA Carve Out Distribution Deployment Monthly Amount	555.22	\$		\$ -	\$	- \$	-	-	-
39	DA GFA Carve Out Distribution Deployment Yearly Amount	555.27	\$	-	\$ -	\$	0.11 \$		-	
40	TOTAL		\$	-	\$ -	\$	0.11 \$	0.11	-	
41	TOTAL SPP CHARGES		\$	86,811.95	\$ (62,076.44) \$	(210.32) \$	24,525.19	-	-
42 43	Net SPP Charges for Retail = $(B) + (C) + (D)$ Net KWH for retail = $((F) + (G)) * 1,000$				\$ 24,525.19		**	(F) and (G) increase	d for losses of 2.8%	-
44	June 2024 covers time period of 5/24/2024 - 6/20/2024			Net Retail	Net SPP KWH			(. , z.i.a (e) ii.o/odoc	2.220000 0. 2.070	
45	SPP Book Totals		\$	24,735.51	-					J
46	Adjustments		\$	(210.32)	-					
47	Total SPP		\$	24,525.19	-					

	Detail of Southwe				any adjustments	r Current Month - Sy	stem		
		(A)		(B)	(C)	(D) Retail	(E)	(F) and (G)** Charge types with	
	Charge Type Description	Acct		Retail Debits	Retail Credits	Adjustments	Net Retail		
ο.	Day Ahead & Real Time Asset & Non Asset Energy & Loss								
1	DA Asset Energy Amount	555.19	\$	-	\$ -		\$ -	-	
2	DA Non-asset Energy Amount	555.03	\$	-	\$ -		ş -	•	
3	RT Asset Energy Amount	555.09	\$	-	\$ -		7.94	•	
4 5	RT Non-Asset Energy Amount TOTAL	555.00	\$ \$		\$ - \$ -	Ψ	5 - 5 7.94	<u> </u>	—
2	RSG & Make Whole Payments		Þ		<u>,</u>	\$ 7.94	\$ 7.94	-	_
6	DA Make-Whole-Payment Distribution Amount	555.02	\$		\$ -	\$ -	ş -		_
7	RT Make-Whole-Payment Distribution Amount	555.02	\$	-	\$ -		\$ 35.00	-	
B	RT Revenue Sufficiency Guarantee Distribution Amount	555.10	\$	-	\$ -		\$ 35.00		
9	TOTAL	000.10	\$	-	\$ -		\$ 35.00	-	_
	Revenue Neutrality Uplift		Ť						
0	RT Revenue Neutrality Uplift Distribution Amount	555.15	\$		\$ -	\$ 5.58	\$ 5.58		7
1	TOTAL	0000	\$	-	\$ -		\$ 5.58	-	_
	Other Charges				·				
2	DA Regulation-Down Distribution Amount	555.04	\$	-	\$ -	\$ 0.50	\$ 0.50		_
3	DA Regulation-Up Distribution Amount	555.05	\$	-	\$ -		\$ 0.71	-	
4	DA Spinning Reserve Distribution Amount	555.06	\$	-	\$ -		0.35	-	
5	DA Supplemental Reserve Distribution Amount	555.07	\$	-	\$ -	\$ 0.05	\$ 0.05	-	
6	RT Contingency Reserve Deployment Failure Amount	555.08	\$	-	\$ -		\$ -	-	
7	RT Over-Collected Losses Distribution Amount	555.11	\$	-	\$ (6,934.42)		\$ (6,413.18)	-	
3	RT Regulation-Down Distribution Amount	555.12	\$	-	\$ -		\$ 1.18	-	
9	RT Regulation Non-Performance Distribution Amount	555.13	\$	-	\$ -		\$ 36.90	-	
0	RT Regulation-Up Distribution Amount	555.14	\$	-	\$ -	\$ (0.33)		•	
1	RT Spinning Reserve Distribution Amount	555.16	\$	-	\$ -		0.03	-	
2	RT Supplemental Reserve Distribution Amount	555.17	\$ \$	-	\$ - \$ (156.383.43)		\$ - \$ (135.666.66)	•	
3	RT Pseudo Tie Congestion Amount RT Pseudo Tie Loss Amount	555.20 555.21	\$	20,715.85 1,412.10			\$ (135,666.66) \$ (14,648.70)	-	
5	Miscellaneous Amount	555.23	\$	1,412.10	\$ (16,060.81)		\$ (14,648.70) \$ 45.95	-	
6	ARR Closeout Yearly Amount	555.26	\$		\$ -		\$ 45.95 \$ -		
7	RT Demand Reduction Distribution Amount	555.28	\$	_	\$ -		· •	_	
8	RT Schedule 1A3 Amount	555.29	\$	-	\$ -		\$ 0.10		
9	RT Schedule 1A4 Amount	555.30	\$	-	\$ -		0.31		
ó	DA Ramp Up Distribution Amount	555.31	\$		\$ -	\$ -		-	
1	DA Ramp Down Distribution Amount	555.32	\$	-	\$ -			-	
2	RT Ramp Non Performance Distribution Amount	555.33	\$	-	\$ -	\$ 0.92	\$ 0.92	-	
3	RT Ramp Up Distribution Amount	555.34	\$	-	\$ -		\$ -	-	
4	RT Ramp Down Distribution Amount	555.35	\$	-	\$ -		\$ -	-	
5	ArrAucTxnAoAmt	555.36	\$		\$ -				_
ò	TOTAL		\$	22,127.95	\$ (179,378.66)	\$ 608.84	\$ (156,641.87)	•	_
	Grandfathered Charge Types								
7	DA GFA Carve Out Distribution Deployment Daily Amount	555.01	\$	-	\$ -		0.53	-	
8 9	DA GFA Carve Out Distribution Deployment Monthly Amount DA GFA Carve Out Distribution Deployment Yearly Amount	555.22 555.27	\$ \$	-	\$ - \$ -		\$ - \$ -	-	
0	TOTAL	000.27	\$		\$ -		5 0.53		_
+			٧		*	- 0.00	y 0.00		_
١	TOTAL SPP CHARGES		\$	22,127.95	\$ (179,378.66)	\$ 657.89	\$ (156,592.82)	-	
2	Net SPP Charges for Retail = $(B) + (C) + (D)$ Net KWH for retail = $((F) + (G)) * 1,000$				\$ (156,592.82)	*	* (F) and (G) increase	d for losses of 2.8%	
ļ	August 2024 covers time period of 7/24/2024 - 8/22/2024		_	Net Retail	Net SPP KWH		(i) and (G) increase	u 101 103363 01 2.0 /0	
5	SPP Book Totals		\$	(157,250.71)	-				
3	Adjustments		\$	657.89	-				
7	Total SPP		\$	(156,592.82)	-				

	Otter Tail Power Company Detail of Southwest Power Pool (SPP) Charges by Charge Group for Current Month - System September 2024 includes any adjustments (Revenue) Expense												
		(A)		(B)	(C)		(D) Retail	(E)	(F) and (G)** Charge types with				
	Charge Type Description	Acct		Retail Debits	Retail Credits		Adjustments	Net Retail	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	\$	-	\$ -	\$		-	-				
5	RT Non-Asset Energy Amount TOTAL	555.00	\$ \$		\$ -	<u> </u>		-					
Э	RSG & Make Whole Payments		Þ		<u> </u>	- 4			-				
6	DA Make-Whole-Payment Distribution Amount	555.02	S		\$ -	9	- S						
7	RT Make-Whole-Payment Distribution Amount	555.10	\$	-	\$ -	9			-				
8	RT Revenue Sufficiency Guarantee Distribution Amount	555.10	\$		\$ -	9			1				
9	TOTAL	000.10	\$	-	\$ -	9		-	-				
Ť	Revenue Neutrality Uplift		Ť		•		•						
10	RT Revenue Neutrality Uplift Distribution Amount	555.15	\$	-	\$ -	9	· - \$						
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	\$	-	\$ (7,008.3			(7,037.69)	-				
18	RT Regulation-Down Distribution Amount	555.12	\$	-	\$ -	9		-	-				
19 20	RT Regulation Non-Performance Distribution Amount	555.13	\$ \$	-	\$ -	\$		-	-				
21	RT Regulation-Up Distribution Amount RT Spinning Reserve Distribution Amount	555.14 555.16	\$	-	\$ - \$ -	3		-	-				
22	RT Supplemental Reserve Distribution Amount	555.17	\$		\$ -	9			1				
23	RT Pseudo Tie Congestion Amount	555.20	\$	11.461.66	\$ (145,966.5				_				
24	RT Pseudo Tie Loss Amount	555.21	\$	554.78	\$ (14,263.8				-				
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 32	DA Ramp Down Distribution Amount RT Ramp Non Performance Distribution Amount	555.32	\$ \$	-	\$ - \$ -	9		-	-				
33	RT Ramp Non Performance Distribution Amount RT Ramp Up Distribution Amount	555.33 555.34	\$		\$ -	9			-				
34	RT Ramp Down Distribution Amount	555.35	\$		\$ -	9							
35	ArrAucTxnAoAmt	555.36	\$	-	\$ -	9		-	- -				
36	TOTAL	000.00	\$	12,016.44	\$ (167,238.6			(155,251.62)	-				
	Grandfathered Charge Types		Ė		, , , , , ,		, , , , ,						
37	DA GFA Carve Out Distribution Deployment Daily Amount	555.01	\$	-	\$ -	9	- \$		-				
38	DA GFA Carve Out Distribution Deployment Monthly Amount	555.22	\$	-	\$ -	\$	- \$	-	-				
39	DA GFA Carve Out Distribution Deployment Yearly Amount	555.27	\$	-	\$ -	\$	(0.22) \$						
40	TOTAL		\$	-	\$ -	\$	(0.22) \$	(0.22)	-				
41	TOTAL SPP CHARGES		\$	12,016.44	\$ (167,238.6	9) \$	(29.59) \$	(155,251.84)	-				
42 43	Net SPP Charges for Retail = (B) + (C) + (D) Net KWH for retail = ((F) + (G)) * 1,000				\$ (155,251.8	4)	**	(F) and (G) increase	d for losses of 2.8%				
44	August 2024 covers time period of 7/24/2024 - 8/22/2024		_	Net Retail	Net SPP KWH	ı		(, , (2,					
45	SPP Book Totals		\$ \$	(155,222.25)	-								
46 47	Adjustments Total SPP		\$ \$	(29.59) (155,251.84)									
	i utai off		2	(100.201.84)	_								

	Otter Tail Power Company Detail of Southwest Power Pool (SPP) Charges by Charge Group for Current Month - System October 2024 includes any adjustments (Revenue) Expense												
		(A)		(B)		(C)	(D) Retail		(E)	(F) and (G)** Charge types with			
_	Charge Type Description	Acct	F	Retail Debits	Reta	il Credits	Adjustments		Net Retail	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	\$	-	\$	-	\$ -	\$	-	-			
4	RT Non-Asset Energy Amount	555.00	\$	-	\$	-	\$ -	\$	-	-			
5	TOTAL		\$	-	\$		\$ -	\$	-	<u> </u>			
	RSG & Make Whole Payments	555.00	_		Φ.		^	_					
6	DA Make-Whole-Payment Distribution Amount	555.02	\$ \$	-	\$	-	\$ -	\$ \$	-	-			
7 8	RT Make-Whole-Payment Distribution Amount RT Revenue Sufficiency Guarantee Distribution Amount	555.10 555.18	\$	-	\$ \$	-	\$ - \$ -	\$	-	-			
9	TOTAL	555.16	\$		\$		\$ -	\$	 				
	Revenue Neutrality Uplift		ð		Ψ		<u> -</u>	Ą		-			
10	RT Revenue Neutrality Uplift Distribution Amount	555.15	S		\$		\$ -	\$	-				
11	TOTAL	555.15	\$		\$		\$ -	\$		-			
	Other Charges		Ψ	-	Ψ		<u> </u>	Ψ	-	-			
12	DA Regulation-Down Distribution Amount	555.04	\$		\$		\$ -	\$					
13	DA Regulation-Down Distribution Amount DA Regulation-Up Distribution Amount	555.05	\$		\$		\$ -	\$					
14	DA Regulation-Op Distribution Amount DA Spinning Reserve Distribution Amount	555.06	\$	-	\$		\$ -	\$	-	-			
15	DA Supplemental Reserve Distribution Amount	555.07	\$	_	\$	-	\$ -	\$	_	<u>-</u>			
16	RT Contingency Reserve Deployment Failure Amount	555.08	\$	_	\$	_	\$ -	\$	_	-			
17	RT Over-Collected Losses Distribution Amount	555.11	\$	10.22	\$	(8,381.67)	\$ (18.61)		(8,390.06)	-			
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	\$			30,063.26)	\$ -	\$	(75,811.34)	-			
24	RT Pseudo Tie Loss Amount	555.21	\$			(11,997.78)	\$ -	\$	(7,977.92)	-			
25	Miscellaneous Amount	555.23	\$		\$	-	\$ -	\$	-	-			
26	ARR Closeout Yearly Amount	555.26	\$	-	\$	-	\$ -	\$	-	-			
27 28	RT Demand Reduction Distribution Amount	555.28	\$	-	\$	-	\$ -	\$	-	-			
28	RT Schedule 1A3 Amount RT Schedule 1A4 Amount	555.29 555.30	\$ \$	-	\$ \$	-	\$ - \$ -	\$	-	-			
30	DA Ramp Up Distribution Amount		\$	-	\$	-	\$ -	\$	-	-			
31	DA Ramp Down Distribution Amount	555.31 555.32	\$	-	\$	-	\$ -	\$	-	-			
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	ArrAucTxnAoAmt	555.36	\$	-	\$	-	\$ -	\$	-	-			
36	TOTAL		\$	58,282.00	\$ (1	50,442.71)	\$ (18.61)	\$	(92,179.32)	-			
	Grandfathered Charge Types												
37	DA GFA Carve Out Distribution Deployment Daily Amount	555.01	\$	-	\$	-	\$ -	\$	-	-			
38	DA GFA Carve Out Distribution Deployment Monthly Amount	555.22	\$	-	\$	-	\$ -	\$	-	-			
39	DA GFA Carve Out Distribution Deployment Yearly Amount	555.27	\$	-	\$		\$ -	\$	-	-			
40	TOTAL		\$	-	\$	•	\$ -	\$	-	-			
41	TOTAL SPP CHARGES		\$	58,282.00	\$ (1	50,442.71)	\$ (18.61)	\$	(92,179.32)	-			
42 43	Net SPP Charges for Retail = (B) + (C) + (D) Net KWH for retail = ((F) + (G)) * 1,000				\$	(92,179.32)		** ((F) and (G) increased	d for losses of 2.8%			
44	October 2024 covers time period of 9/23/2024 10/23/2024			Net Retail	Net S	SPP KWH							
	SPP Book Totals		\$	(92,160.71)		-							
45													
45 46 47	Adjustments Total SPP		\$ \$	(18.61) (92,179.32)		<u> </u>							

Otter Tail Power Company													
Detail of Southwe						ystem							
	Nov	embe											
			(Revenue) Ex	pense									
	(4)		(D)	(0)	(D)	(5)	(F) and (C)**						
	(A)		(D)	(C)		(⊏)		h					
Charge Type Description	Acct	R	etail Debits	Retail Credits		Net Retail							
	71001		totali Bobito	rtotali Ground	rajaotinonto	Trot Trotain	mitting rotal						
	555.19	\$		\$ -	\$ -	\$ -							
	555.03	\$					-						
RT Asset Energy Amount	555.09	\$				\$ 1,173.57	59						
RT Non-Asset Energy Amount	555.00	\$	-	\$ -	\$ -	\$ -							
TOTAL		\$	1,173.57	\$ -	\$ -	\$ 1,173.57	59						
DA Make-Whole-Payment Distribution Amount	555.02	\$				\$ -							
RT Make-Whole-Payment Distribution Amount			36.31	\$ -	\$ -		-						
	555.18			\$ -	\$ -								
		\$	36.31	\$ -	<u> </u>	\$ 36.31	<u> </u>						
		_	100 50	^	^	A 100 F0							
	555.15												
		Þ	160.56	<u> </u>	<u> </u>	\$ 160.56	-						
	555.04	•	0.07	Φ.	•	£ 0.07							
							-						
							-						
							-						
RT Regulation Non-Performance Distribution Amount	555.13	\$					-						
RT Regulation-Up Distribution Amount	555.14	\$			\$ -	\$ (1.98)	-						
RT Spinning Reserve Distribution Amount	555.16	\$					-						
	555.17						-						
							-						
			-	\$ -			-						
							•						
							-						
RT Ramp Non Performance Distribution Amount	555.33	\$					-						
RT Ramp Up Distribution Amount	555.34	\$					-						
RT Ramp Down Distribution Amount	555.35	\$		\$ -		\$ -	-						
ArrAucTxnAoAmt	555.36	\$					-						
	555.37						-						
		\$	116,237.90	\$ (143,930.24)	\$ (276.28)	\$ (27,955.52)							
							-						
					\$ -		-						
	555.27				• .		-						
IVIAL		φ	0.21	· -	-	Ψ 0.21	-						
TOTAL SPP CHARGES		\$	117.616.55	\$ (143.930.24)	\$ (276.28)	\$ (26.576.87)	59						
		-	,	. (,	. ()	. (,,	**						
Net SPP Charges for Retail = $(B) + (C) + (D)$				\$ (26,589.97)									
Net KWH for retail = ((F) + (G)) * 1,000								58,7					
					•	** (F) and (G) increase	d for losses of 2.8%						
0													
November 2024 covers time period of			Net Retail	Net SPP KWH									
		\$	Net Retail (26,313.69) (276.28)	Net SPP KWH 58,791									
3	Charge Type Description Day Ahead & Real Time Asset & Non Asset Energy & Loss DA Asset Energy Amount DA Non-asset Energy Amount RT Asset Energy Amount RT Non-Asset Energy Amount RT Non-Asset Energy Amount TOTAL SG & Make Whole Payment Distribution Amount RT Make-Whole-Payment Distribution Amount RT Make-Whole-Payment Distribution Amount RT Revenue Sufficiency Guarantee Distribution Amount TOTAL Revenue Neutrality Uplift RT Revenue Neutrality Uplift Distribution Amount TOTAL DA Regulation-Up Distribution Amount DA Supplemental Reserve Distribution Amount DA Supplemental Reserve Distribution Amount RT Contingency Reserve Deployment Failure Amount RT Cordingency Reserve Deployment Failure Amount RT Regulation-Up Distribution Amount RT Regulation-Up Own Distribution Amount RT Regulation-Down Distribution Amount RT Supplemental Reserve Distribution Amount RT Regulation-Up Distribution Amount RT Regulation-Up Own Distribution Amount RT Regulation-Up Distribution Amount RT Spinning Reserve Distribution Amount RT Schedule 1A4 Amount ARA Closeout Yearly Amount RT Demand Reduction Distribution Amount RT Schedule 1A4 Amount DA Ramp Up Distribution Amount RT Ramp Down Distribution Amount RT Ramp Up Distribution Deployment Monthly Amount DA GFA Carve Out Distribution Deployment Monthly Amount DA GFA Carve Out Distribution Deplo	Charge Type Description Acct Oxy Ahead & Real Time Asset & Non Asset Energy & Loss DA Asset Energy Amount 555.03 RT Asset Energy Amount 555.09 RT Non-asset Energy Amount 555.09 RT Non-Asset Energy Amount 555.09 TOTAL 555.00 TOTAL 555.01 TOTAL 555.01 TOTAL 555.01 TOTAL 555.01 TOTAL 555.01 TOTAL 555.02 RT Make-Whole-Payment Distribution Amount 555.10 RT Revenue Sufficiency Guarantee Distribution Amount 555.11 TOTAL 555.10 TOTAL 555.	Charge Type Description Acct F Oay Ahead & Real Time Asset & Non Asset Energy & Loss DA Asset Energy Amount 555.03 \$ DA Non-asset Energy Amount 555.00 \$ TOTAL \$55.00 \$ TOTAL \$55.00 \$ ST Asset Energy Amount 555.00 \$ TOTAL \$55.00 \$ TOTAL \$55.10 \$	Charge Type Description									

	Detail of Southwe		Otter Tail Po ool (SPP) Charge ember 2024 incl (Revenue	s by Cl udes ar	narge Group fo ny adjustments		nth - Sy	stem		
		(A)	(B)		(C)	(D) Retail		(E)	(F) and (G)** Charge types with	
Charge T	pe Description	Acct	Retail Debits	R	etail Credits	Adjustmer	nts	Net Retail	MWH for Retail	
Day Ahead & Real Time Asset	& Non Asset Energy & Loss									
DA Asset Energy Amount		555.19	\$ -	\$	-	\$	- \$		-	
DA Non-asset Energy Amour	t	555.03	\$ -	\$	-	\$	- 9		-	
RT Asset Energy Amount RT Non-Asset Energy Amour	*	555.09 555.00	\$ - \$ -	\$ \$		\$ 2	8.65	28.65		
TOTAL		333.00	\$ -	\$		\$ 2	8.65	28.65	-	
RSG & Make Whole Payments			<u>, </u>	·		<u> </u>				
DA Make-Whole-Payment Di	stribution Amount	555.02	\$ -	\$	-	\$	- \$	-	-	_
RT Make-Whole-Payment Di	stribution Amount	555.10	\$ -	\$	-	\$	1.78			
RT Revenue Sufficiency Gua	rantee Distribution Amount	555.18	\$ -	\$	-	\$	- 9		<u> </u>	
TOTAL			\$ -	\$		\$	1.78	1.78	· .	_
Revenue Neutrality Uplift	Distribution Amount	EEF 4F	•	¢.		¢ ,	0.40\ *	(0.40)		
RT Revenue Neutrality Uplift TOTAL	DISTIDUTION AMOUNT	555.15	\$ - \$ -	<u>\$</u>	-		0.40) \$		-	_
Other Charges				پ		Ψ (J.+U) 1	, (0.40)	-	
DA Regulation-Down Distribu	tion Amount	555.04	\$ -	\$	-	\$	0.07 \$	0.07		
DA Regulation-Down Distributio		555.05	\$ -	\$	-		0.26			
DA Spinning Reserve Distrib		555.06	\$ -	\$	-		0.03			
DA Supplemental Reserve D	stribution Amount	555.07	\$ -	\$	-	\$	0.02	0.02		
RT Contingency Reserve Dep		555.08	\$ -	\$	-	\$	- \$		-	
RT Over-Collected Losses Di		555.11	\$ 24.		(12,587.00)		2.67) \$		-	
RT Regulation-Down Distribu		555.12	\$ -	\$	-	\$	- \$		-	
RT Regulation Non-Performa		555.13	\$ -	\$	-	\$ (\$	0.07) \$		•	
RT Regulation-Up Distributio RT Spinning Reserve Distribution		555.14 555.16	\$ - \$ -	\$ \$	-	\$	- 9		•	
RT Supplemental Reserve D		555.17	\$ -	\$		\$	- 9			
RT Pseudo Tie Congestion A		555.20	\$ 333,805.		(79,136.27)	\$	- 9			
RT Pseudo Tie Loss Amount		555.21	\$ 46,640.		(4,734.10)	\$	- \$			
Miscellaneous Amount		555.23	\$ 0.	08 \$	- 1	\$	- 9	80.0		
ARR Closeout Yearly Amoun		555.26	\$ -	\$	-	\$	- \$		-	
RT Demand Reduction Distril	oution Amount	555.28	\$ -	\$	-		0.02		-	
RT Schedule 1A3 Amount		555.29	\$ -	\$	-		0.05		•	
RT Schedule 1A4 Amount DA Ramp Up Distribution Am	a um t	555.30 555.31	\$ - \$ -	\$ \$	-	\$ \$	0.12 \$		•	
DA Ramp Up Distribution Am DA Ramp Down Distribution		555.32	\$ -	\$		\$	- 9			
RT Ramp Non Performance		555.33	\$ -	\$	_	\$	- 9			
RT Ramp Up Distribution Am		555.34	\$ -	\$	-	\$	- 9			
RT Ramp Down Distribution		555.35	\$ -	\$	-	\$	- 9		-	
ArrAucTxnAoAmt		555.36	\$ -	\$	-	\$	- \$			
RtURDDistAoAmt		555.37	\$ -	\$	-		6.50		-	
TOTAL			\$ 380,470.	62 \$	(96,457.37)	\$ (19	5.67) \$	283,817.58	•	_
Grandfathered Charge Types										
DA GFA Carve Out Distributi		555.01	\$ -	\$	- (0		0.22		-	
	on Deployment Monthly Amount on Deployment Yearly Amount	555.22	\$ -	\$ \$	(0.04)	\$	- 9		-	
TOTAL	DI DEPIOVITIETIL TEARIY AMOUNT	555.27	\$ - \$ -	\$	(0.04)	\$	0.22		-	—
TOTAL			Ψ	Ψ_	(0.04)	Ψ	U.LL (0.10		_
	TOTAL SPP CHARGES		\$ 380,470.		(96,457.41)	\$ (16	5.42) \$	283,847.79	-	
Net SPP Charges for Retail = Net KWH for retail = ((F) + (C	5)) * 1,000			\$	283,847.79		**	(F) and (G) increase	d for losses of 2.8%	
December 2024 source time	0		Net Retail		et SPP KWH					
December 2024 covers time	period Of				et SPP KWH					
SPP Book Totals Adjustments			\$ 284,013. \$ (165.							
Aujustillelits			\$ 283,847.	† 4)	-					

Otter Tail Power Company Detail of Southwest Power Pool (SPP) Charges by Charge Group - Net Retail - System Year to Date 2024 includes any adjustments (Revenue) Expense

	Charge Type Description	Acct	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	YEAR TO DATE
N	o. Day Ahead & Real Time Asset & Non Asset Energy & Loss	71001	0,0,0,0,0	1 LDITO/IIT		74 1112				7.00001	OLI ILIMBLIX	001022.1	NOTEMBER	DEGEMBER	12/11/10/2/112
- 17	,	555.19	\$ -	s - \$	- S	- S	- \$	- \$	- \$	- :	š -	s - :	s - s	s - 9	\$ -
		555.03	•	s - s	- \$	- \$	- \$		- \$		· \$ -	s - :	\$ - \$		•
		555.09	\$ (84.07)		46.90 \$				- \$	7.94	· \$ -	s - :	\$ 1.173.57 \$		\$ 5.546.23
- 1.	37	555.00	\$ -	s - s	- \$	- \$	- \$	- \$	- \$			s -	s - !	\$ - 9	\$ -
	5 TOTAL		\$ (84.07)	\$ - \$	46.90 \$	4,575.13 \$	(112.62) \$	(89.27) \$	- \$	7.94	\$ -	\$ - :	\$ 1,173.57 \$	\$ 28.65	\$ 5,546.23
	RSG & Make Whole Payments						<u>, , , , , , , , , , , , , , , , , , , </u>								
-	DA Make-Whole-Payment Distribution Amount	555.02	\$ -	\$ - \$	- \$	- \$	- \$	- \$	- \$	- :	\$ -	\$ - :	\$ - \$	\$ - 9	\$ -
- 1 :	7 RT Make-Whole-Payment Distribution Amount	555.10	\$ (5.85)	s - s	6.35 \$	521.74 \$	7.57 \$	(39.36) \$	- \$	35.00	ŝ -	s - :	\$ 36.31 \$	\$ 1.78 \$	\$ 563.54
	8 RT Revenue Sufficiency Guarantee Distribution Amount	555.18	\$ -	\$ - \$	- \$	- \$	- \$	- \$	- \$	- :	· \$ -	\$ - :	\$ - S	\$ - \$	\$ -
9	9 TOTAL		\$ (5.85)	\$ - \$	6.35 \$	521.74 \$	7.57 \$	(39.36) \$	- \$	35.00	\$ -	\$ - :	\$ 36.31 \$	\$ 1.78 \$	\$ 563.54
	Revenue Neutrality Uplift														
1	RT Revenue Neutrality Uplift Distribution Amount	555.15	\$ 2.23	\$ - \$			1.76 \$	(16.18) \$	- \$	5.58	\$ -	\$ - :	\$ 160.56 \$	\$ (0.40) \$	\$ 342.11
1	1 TOTAL		\$ 2.23	\$ - \$	(7.54) \$	196.10 \$	1.76 \$	(16.18) \$	- \$	5.58	\$ -	\$ - :	\$ 160.56 \$	\$ (0.40) \$	\$ 342.11
	Other Charges														
1	DA Regulation-Down Distribution Amount	555.04	\$ (0.10)	\$ - \$	0.14 \$	45.47 \$	0.43 \$	(1.59) \$	- \$	0.50	\$ -	\$ - :	\$ 3.87 \$	\$ 0.07 \$	\$ 48.79
		555.05	\$ (0.29)	\$ - \$	0.27 \$	85.41 \$	2.34 \$	(2.18) \$	- \$	0.71	\$ -	\$ - :	\$ 10.21 \$	\$ 0.26 \$	\$ 96.73
1	4 DA Spinning Reserve Distribution Amount	555.06	\$ (0.31)	\$ - \$	0.20 \$	47.18 \$	0.82 \$	(0.89) \$	- \$	0.35	\$ -	\$ - :	\$ 1.41 \$	\$ 0.03 \$	\$ 48.79
		555.07	\$ (0.07)	\$ - \$	0.05 \$	13.04 \$	0.20 \$	(0.19) \$	- \$	0.05	\$ -	\$ - :	\$ 0.92 \$	\$ 0.02 \$	\$ 14.02
1	6 RT Contingency Reserve Deployment Failure Amount	555.08	\$ -	\$ - \$	- \$	(0.01) \$	- \$	- \$	- \$	- :	\$ -	\$ - :	\$ (0.36) \$	\$ - \$	\$ (0.37)
1	7 RT Over-Collected Losses Distribution Amount	555.11	\$ (31,300.11)	\$ (8,353.31) \$	(6,386.23) \$	(6,553.46) \$	(5,520.58) \$	(5,048.66) \$	(8,119.29) \$	(6,413.18)	\$ (7,037.69)	\$ (8,390.06)	\$ (9,517.05) \$	\$ (12,764.70) \$	\$ (115,404.32)
1	8 RT Regulation-Down Distribution Amount	555.12	\$ -	\$ - \$	- \$	7.76 \$	(0.14) \$	(1.24) \$	- \$	1.18	\$ -	\$ - :	\$ 0.40 \$	\$ - \$	\$ 7.96
1	9 RT Regulation Non-Performance Distribution Amount	555.13	\$ -	\$ - \$	- \$	(10.74) \$	(0.65) \$	(31.91) \$	- \$	36.90	\$ -	\$ - :	\$ (1.04) \$	\$ (0.07) \$	\$ (7.51)
2	RT Regulation-Up Distribution Amount	555.14	\$ -	\$ - \$	- \$	(1.52) \$	(0.01) \$	0.30 \$	- \$	(0.33)	\$ -	\$ - :	\$ (1.98) \$	\$ - 9	\$ (3.54)
2	21 RT Spinning Reserve Distribution Amount	555.16	\$ -	\$ - \$	- \$	0.61 \$	- \$	(0.06) \$	- \$	0.03	\$ -	\$ - :	\$ (0.03) \$	j - :	\$ 0.55
2		555.17	\$ -	\$ - \$	- \$	(1.59) \$	- \$	- \$	- \$	- :	\$ -	\$ - :	\$ - \$	j - :	\$ (1.59)
2	RT Pseudo Tie Congestion Amount	555.20	\$ 85,594.50	\$ 190,855.25 \$	53,851.21 \$				29,016.81 \$	(135,666.66)	\$ (134,504.89)	\$ (75,811.34)	\$ (11,292.94) \$	\$ 254,668.76 \$	\$ 77,217.21
		555.21	\$ 36,729.78	\$ 22,640.09 \$	6,155.98 \$			(12,042.36) \$	3,627.56 \$		\$ (13,709.04)	\$ (7,977.92)	\$ (7,167.00) \$		\$ 62,279.47
2	5 Miscellaneous Amount	555.23	\$ -	\$ - \$	(0.14) \$	- \$	- \$	- \$	- \$	45.95	-	\$ - :	\$ - \$		\$ 45.89
2		555.26 555.28	\$ -	\$ - \$ \$ - \$	- \$ 0.01 \$	- \$	- \$ - \$		- \$ - \$	-	-	\$ - \$ -	\$ - \$ \$ 0.61 \$	- 9	\$ (267,887.97)
		555.29	\$ (0.13)	*	0.01 \$ 0.08 \$		- \$ 0.37 \$	- \$ (0.32) \$	- \$ - \$	0.10	- •	ъ - ;	\$ 0.61 \$ \$ 1.86 \$, ,,,,	
12		555.30	\$ (0.13)		0.41 \$		1.13 \$		- 3	0.10		• - ·	\$ 1.00 \$ \$ 5.83 \$		\$ 46.06
3		555.31	\$ (0.05)		0.02 \$		- \$	0.03 \$	- \$		š -	\$ -	\$ - \$		
		555.32		\$ - \$	- \$		- \$	- \$	- \$		\$ -	\$ -	\$ - \$		
3	2 RT Ramp Non Performance Distribution Amount	555.33	\$ -	\$ - \$	0.01 \$	(0.10) \$	- \$	(0.92) \$	- \$	0.92	\$ -	\$ - :	\$ (0.12) \$	š - Š	\$ (0.21)
3		555.34	\$ -	\$ - \$	- \$	(0.06) \$	- \$	- \$	- \$	- :	\$ -	\$ - :	\$ (0.11) \$		\$ (0.17)
3	RT Ramp Down Distribution Amount	555.35	Ψ	\$ - \$	- \$	- \$	- \$	- \$	- \$	- :	\$ -	\$ - :	\$ - \$,	\$ -
		555.36	\$ (290,733.80)	\$ (338,707.46) \$	(90,507.68) \$	- \$	- \$	- \$	- \$	-	5 -	\$ - :	\$ - \$	· ,	\$ (719,948.94)
13	66 RtURDDistAoAmt 67 TOTAL	555.37	\$ - \$ (199.711.15)	\$ - \$ \$ (133.565.43) \$	(36.885.67) \$	(52.951.64) \$	- \$ (58.710.49) \$	- \$ (357.911.77) \$	- \$ 24.525.08 \$	(156.641.87)	\$ (155.251.62)	\$ (92.179.32)	\$ (13.10) \$ \$ (27,968.62) \$	6.50 S 283.817.58 S	\$ (6.60) \$ (963.434.92)
3	Grandfathered Charge Types		\$ (199,711.15)	\$ (133,505.43) \$	(30,005.07) \$	(52,951.64) \$	(56,710.49) \$	(357,911.77) \$	24,323.06 \$	(130,041.07)	(155,251.62)	\$ (92,179.32)	\$ (21,966.62) \$	203,017.50	\$ (903,434.92)
3		555.01	\$ (0.15)	s - s	0.07 \$	18.45 \$	1.12 \$	(1.10) \$	- \$	0.53	š -	\$ - :	s - s	s - 9	\$ 18.92
		555.22	\$ -		- \$		- \$		- \$				\$ 8.21 \$		
4	DA GFA Carve Out Distribution Deployment Yearly Amount	555.27	\$ -	\$ - \$	- \$	- \$	- \$	(22.70) \$	0.11 \$		\$ (0.22)	\$ -	\$ - \$		
4	1 TOTAL		\$ (0.15)	\$ - \$	0.07 \$	18.45 \$	1.12 \$	(23.80) \$	0.11 \$	0.53	\$ (0.22)	\$ - :	\$ 8.21 \$	\$ 0.18	\$ 4.50
4	TOTAL SPP CHARGES - Energy Adjustment Rider		\$ (199,798.99)	\$ (133,565.43) \$	(36,839.89) \$	(47,640.22) \$	(58,812.66) \$	(358,080.38) \$	24,525.19 \$	(156,592.82)	\$ (155,251.84)	\$ (92,179.32)	\$ (26,589.97) \$	\$ 283,847.79	\$ (956,978.54)

OTTER TAIL POWER COMPANY GENERATION MAINTENANCE EXPENSE

		Actual 2017	Actual 2018	Actual 2019	Actual 2020	Actual 2021	Actual 2022	Actual 2023	Actual 2024	2021 Test Year
STEAM POWER MAINTENANCE:		2017	2010	2010	2020	2021	ZUZZ	2020	2024	rest real
	402 - 510	\$ 842,512	\$ 937,306	\$ 964,831	\$ 834,101	\$ 798,930	\$ 624,662	\$ 551,458	\$ 519,606	\$ 1,036,964
	402 - 511	1,202,457	989,059	883,200	777,386	874,175	795,762	769,295	928,954	793,128
BOILER	402 - 512	7,207,999	9,023,720	8,465,029	5,026,948	6,229,229	6,980,241	5,798,533	5,707,751	8,205,372
ELECTRIC	402 - 513	797,052	2,241,699	2,869,209	1,080,670	2,714,136	2,866,936	1,460,691	506,162	2,044,118
MISCELLANEOUS	402 - 514	1,063,183	1,010,467	1,394,309	874,095	921,925	941,350	1,103,508	1,158,550	1,484,118
Total Steam Power Maintenance		11,113,203	14,202,252	14,576,578	8,593,200	11,538,395	12,208,951	9,683,485	8,821,023	13,563,700
HYDRO POWER MAINTENANCE:										
SUPERVISION & ENGINEERING	402 - 541	3,449	2,731	881	3,679	323	345	6,999	3	3,872
STRUCTURES	402 - 542	5,016	12,239	40	66	1,881	26,644	3,353	12,394	6,264
RESERVOIRS - DAMS	402 - 543	277,357	221,684	250,983	250,800	249,940	265,138	232,540	266,369	225,645
ELECTRIC	402 - 544	50,242	907	9,908	4,793	3,289	18,437	8,209	36,490	5,875
MISCELLANEOUS EXPENSE	402 - 545		38			3,512	718	23,304	9,966	626
Total Hydro Maintenance		336,064	237,599	261,812	259,338	258,945	311,282	274,404	325,222	242,282
IC POWER MAINTENANCE WITHOUT W	VIND:									
	402 - 551	85,285	67,972	39,346	22,886	15,715	25,714	18,287	38,449	93,428
	402 - 552	124,923	37,358	25,836	30,910	30,733	77,501	49,766	67,804	211,316
	402 - 553	656,222	631,963	443,752	344,215	427,726	1,111,952	1,250,859	1,587,612	445,358
MISCELLANEOUS EXPENSE	402 - 554	26,008	36,124	23,904	32,009	121,757	153,746	698,600	144,804	27,816
Total IC Maintenance without wind		892,438	773,417	532,839	430,020	595,931	1,368,913	2,017,512	1,838,669	777,918
IC POWER MAINTENANCE WIND ONLY										
SUPERVISION AND ENGINEERING	402 - 551	-	3,698	-	9,597	-	120	5,639	3,037	-
	402 - 553	12,986	42,680	6,919	-	3,488,759	3,624,610	4,001,874	4,063,089	55,073
MISCELLANEOUS EXPENSE	402 - 554	6,338	8,408	87,649	315,907	434,679	239,117	112,941	129,037	139,210
		19,324	54,787	94,568	325,504	3,923,438	3,863,847	4,120,453	4,195,163	194,283
Additional Contracted Wind Maintenance*		179,277	97,888	123,439	84,473	3,354,916	3,362,994	4,050,422	4,062,132	5,163,555
Total Maintenance		\$ 12,540,306	\$ 15,365,943	\$ 15,589,236	\$ 9,692,535	\$ 19,671,625	\$ 21,115,986	\$ 20,146,276	\$ 19,242,209	\$ 19,941,738

Note: The above numbers are on a calendar year basis.

Please see V. Additional Reporting Requirements - MN PUC Order Acting on
Electric Utilities' Annual Reports and Requiring Additional Filings
Docket Nos. E999/AA-09-961 and E999/AA-10-884 Number 22. for outage information.

^{*}These amounts reflect the appropriate maintenance portion of combined O & M contracts for OTP wind facilities.

Attachment 13

Page 1 of 1

Big Stone Plant Forced Outage Info

[PROTECTED DATA BEGINS . . .

Outag	e Dates		Duration		Change in	
Start	End	Primary Reason for Outage	(days)	Description of Equipment Failure	Energy Costs	Steps Taken to Alleviate Reoccurrence
1/1/2024	1/4/2024	#7 Bearing Vibration		No equipment failure, an outage was taken to improve main generator/exciter vibration following a step change increase. Plant was monitoring vibration and the step change put vibration levels above where the plant was comfortable running. A balance weight was installed.		This was an isolated instance that followed the exciter refurbishment project. A balance weight was installed that corrected the issue.
11/1/2024		"A" Boiler Feed Pump Check Valve		Loss of steam flow during a valve functional test caused boiler feed pump A discharge stop/check valve to slam shut and break at the threaded connection point.		Valve functional testing procedure has been modified to conduct the test manually instead of the automated method which should eliminate any equipment issues.

... PROTECTED DATA ENDS]

[PROTECTED DATA BEGINS . . .

Coyote Station Forced Outage Info

Outag	e Dates		Duration		Change in	
Start	End	Primary Reason for Outage	(days)	Description of Equipment Failure	Energy Costs	Steps Taken to Alleviate Reoccurrence
						New coupling was installed, equipment was aligned,
				the gearbox to air heater drive gear began to make noise and slight		and PM's were verified to insure proper monitoring of
3/18/2024	3/19/2024	A' Air Heater drive coupling	1.15	vibration indicating the coupling was near failure		the equipment.
						All welding was completed and tested. Pins were
				This was a group of about 6-8 cyclone leaks in #6 cyclone and other		replaced on tubes to protect tubes by collecting slag
5/1/2024	5/4/2024	Tube Leak	2.46	minor leaks in 3 other cyclones.		to insulate the tubes from further wear.
				A corner tube broke loose and leaked steam external to the boiler filling		Time was taken to inspect related areas to tube leak
5/4/2024	5/7/2024	External Tube Leak	2.67	the boiler building with steam.		and a full repair of the tube was undertaken.
						A full inspection of the boiler and cyclones was
				Makeup rate ramped up to the point where the water system could not		undertaken to look for any additional leaks or weak
7/4/0004	7/0/0004		•	keep up. The unit was removed from service and cyclone tube leaks		areas. All areas were repaired and pins were installed
7/1/2024	7/3/2024	#4 & #6 Cyclone Tube Leaks	2	were discovered.		to protect the tubes from immediate wear.
				There was a leak in the pipe that could not be repaired online. The leak		A complete repair was undertaken for the leaking line
0/47/0004	0/40/0004	Other Trans Burstallanders	0.0	was bad enough we determined it to be necessary to repair for safety		the the drain header. All related areas were inspected
9/17/2024	9/19/2024	Steam Trap Drain Header Leak	2.2	reasons.		for potential problems. Coal analysis was studied and parameters that were
						out of normal were noted. Emphasis was put onto
				A combination of poor coal, low loads, and cyclone burners being		getting the online coal analyzer data back service
				unavailable contributed to a plug in the slag neck. Normally the pluggage		fully. Ops will force the unit up in load to burn the
9/19/2024	10/1/2024	South Slag Neck Plugged	11.33	would be heated and burned out, but this time it would not.		blockage out if it happens again.
9/19/2024	10/1/2024	South Stay Neck Flugged	11.55	would be neated and burned out, but this time it would not.		blockage out it it happens again.
				A blown out water wall tube took the unit offline. Access to the repair		
				was difficult due to a dirty boiler. This took additional time due to the		Adjacent areas were inspected for additional damage.
10/24/2024	10/27/2024	Boiler Tube Leak	3.12	"window repair" that was executed due to lacke of boiler access.		None was found and unit was put back in service.
10/2 1/2021	10/21/2021	Bollot Tubo Eduk	0.12	William Topali that was exceeded add to lacks of boller access.		Trong was found and arm was par bask in solvios.
						Tears in the skin of the windbox are always difficult to
						find and repair. A lot of time was spend inspecting and
						looking for additional damage in order to prevent
				A split in the metal casing of the windbox caused loss of combustion air		future problems. This will be thoroughly inspected
10/28/2024	10/30/2024	Windbox Leak	2.4	from the windbox which directs air to the burners.		during the spring '25 major outage.
						Access to the repair was hindered by the dirty boiler.
						A lot of time was dedicated to cleaning the area
						before personnel could enter to inspect and complete
12/11/2024	12/15/2024	Boiler Tube Leak	3.44	A screen tube in the upper boiler blew out, forcing the unit offline.		the repair.

... PROTECTED DATA ENDS]

PUBLIC DOCUMENT - NOT PUBLIC (OR PRIVILEGED) DATA HAS BEEN EXCISED

Docket No. E017/AA-23-181 Attachment 14

Page 1 of 3

Otter Tail Power Company Wind Curtailment Summary Report - System Wind Energy Purchase Agreement with FPL Energy North Dakota II, LLC Docket No. E017/M-03-970 Dated April 1, 2003

			* (C)	* (D)					
	(A)	(B)		Production		* (E)	* (F)		
	Date Paid		Delivered				Production	* (G)	(H)
	Delivered	Lost	to OTP	Amount		Lost	Amount	Total	Reason
Month	MWh	MWh	MWh	OTP Paid	<u> </u>	MWh	OTP Paid	OTP Paid	Codes
			[PROTEC	TED DATA BE	EGI	INS			
Jan-24									
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Total 2024									
10tai 2024			l I I		ı 1	PRC	TECTED DA	TA ENDS]	

Reason Code Explanation:

Reason Codes:

- 1 = lack of firm transmission as described in Attachment C of the MISO OATT (or equivalent successor provision)
- 2 = low load
- 3 = transmission loading relief or MISO directive for reasons other than (1) above
- 4 = other please explain in detail if compensation requested
- * Columns C G are invoiced amounts

Otter Tail Power Company Wind Curtailment Summary Report - System Wind Energy Purchase Agreement with Langdon Wind, LLC Docket No. E017/M-08-131 Dated August 15, 2008

			* (C)	* (D)	_			
	(A)	(B)		d Production	* (E)	* (F)	1	
	Date Paid		Delivered			Production	* (G)	(H)
Month	Delivered MWh	Lost MWh	to OTP MWh	Amount OTP Paid	Lost MWh	Amount OTP Paid	Total OTP Paid	Reason Codes
Month	IVIVVII	IVIVVII		TED DATA BEGI		OTFFAIL	OTFFAIL	Codes
			Į, KOILO	TED DATA BEON	i i			
In 0.4	4/4 00 00 04	0/00/0004						
Jan-24	1/1,29,30,31	2/20/2024					+ -	
Feb-24	2/1, 11,16,17,18,24,26,27	3/18/2024						
	3/1,2,3,10,11,15,16,17,18,19,	4/4=/0004						
Mar-24	20,28	4/17/2024			-			-
	4/1							
	2,4,5,6,7,8,11,12,13,14,15,16,18							
Apr-24	,19,20,21,22,23,24,25,26,28	5/24/2024						
	5/4,5,6,7,8,10,12,18,21,22,24,25							
May-24	,27,28,29,30	6/20/2024						
	6/1							
	2,4,5,6,7,8,9,10,11,12,15,16,17,	=/00/0004						
Jun-24	18,21,23,29,30	7/22/2024			-			-
Int O4	7/4 2 0 40 40	0/20/2024						
Jul-24	7/1,3,9,10,19	8/20/2024					1	
	8/1, 5,6,7,8,13,14,15,19,20,21,							
Aug-24	22,23,24,25,28,29,31	9/20/2024						
	9/1,2,3,4,7,8,9,10,11,12,13,14,1							
Sep-24	5,16,18,19,20,21,26,29,30	10/21/2024						
	40/4 0 4 5 6 40 40 44 45 46 47 4							
Oct-24	10/1,2,4,5,6,10,13,14,15,16,17,1 8,19,20,21,22,25,26,27,28,31	11/9/2024						
OCI-24	11/1,	11/3/2024						
	2,3,4,7,9,10,11,12,13,15,16,17,1							
Nov-24	8,19,20,21,25,28	12/4/2024						
Dec-24	12/1,3,4,7,16,26,31	1/13/2025						
	. , - , - , - , - ,							
Total 2024								
					PR	TECTED DAT	A ENDS]	

Reason Code Explanation:

Curtailment was called for by Otter Tail Power due to negative LMP pricing. As specified in the Langdon Wind, LLC power purchase agreement, "Company shall pay to seller for such Curtailment Energy net of any Non-Compensable Curtailments, [PROTECTED DATA BEGINS...

.... PROTECTED DATA ENDS]

Reason Codes:

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Docket No. E017/AA-23-181 Attachment 14

Page 3 of 3

Otter Tail Power Company Wind Curtailment Summary Report - System Wind Energy Purchase Agreement with FPL Energy North Dakota II, LLC Docket No. E017/M-03-970 Dated April 1, 2003

				* (D)	_						
	(A)	(B)		Production		* (E)	* (F)				
	Date		Delivered				Production	г	* (G)		(H)
	Delivered	Lost	to OTP	Amount		Lost	Amount		Total		Reason
Month	MWh	MWh	MWh	OTP Paid	L.	MWh	OTP Paid	Ļ	OTP Paid	L	Codes
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Total 2024								_			ļ
						PR0	OTECTED DA	۱T.	A ENDS]		

Reason Code Explanation:

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- 4 = other please explain in detail if compensation requested
- * Columns C G are invoiced amounts

In the Matter of Xcel Energy, Minnesota Power, Otter Tail Power Company, and Interstate Power and Light Company's Petition for Approval of Revisions to Riders for Fuel Adjustment to Recover Costs and Pass-Through Related to MISO Ancillary Services Market - Docket No. E001,E015,E002,E017/M-08-528

I. Introduction

In an Order dated March 17, 2009, in the above-referenced Docket, the Minnesota Public Utilities Commission (Commission) authorized the four investor-owned utilities in the State of Minnesota conditional approval to recover 12 charge types to each utility's fuel clause. These 12 charges (credits and costs) were new charges passed on to the utilities for participating in the Midwest Independent Transmission System Operator (MISO) ancillary services market (ASM) that began on January 6, 2009.

The Commission's Order at Paragraph 1.a. required that no later than February 6, 2010, the utilities shall file a request to validate recovery to date and continue to recover ASM charges (credits and costs) by an analysis of the costs and benefits of each utility's participation in the ASM Market. The utilities were also to address the potential for double recovery of these costs, and the impacts of ASM on Schedule 17 costs. (See Attachment 18.)

II. The Benefits to Otter Tail Power Company Customers of ASM Participation

Otter Tail Power's ASM Cost and Benefit Analysis

Overview

Otter Tail has been participating in Midwest ISO's (MISO) Ancillary Service Market (ASM) since it started on January 6, 2009. The ASM market has enabled Otter Tail to further optimize generation portfolio revenues by providing regulation and reserves without creating a negative impact on available energy necessary to meet customer needs. The ASM has added value for customers when generating units are below maximum generation levels due to reduced energy prices. The generators can be backed down and still provide spinning reserves at the lower operating levels.

Spinning Reserves

MISO's Spinning Reserves process has provided a net benefit of \$87,296 for the January through December 2024 period (Attachment 16, column R, line 13).

Supplemental Reserves

MISO Supplemental Reserves provided a net benefit of \$88,780 for the January through December 2024 period (Attachment 16, column R, line 17).

Regulation

Prior to ASM, Otter Tail scheduled regulation on our system on an hourly basis to meet Balancing Authority control performance criteria requirements. Under the MISO ASM, Otter Tail units are only selected by MISO for regulation when it is

cost effective. Most of the time our units are cleared for energy instead of being held back to provide the MW we used to reserve for regulation. Under ASM, due to regulation clearing and our ability to purchase affordable regulation service, we have more economic energy available from our low-cost generation facilities to serve our customers. Including ASM charge type impact only, MISO's Regulation Reserves resulted in a net benefit of \$344,007 for the January through December 2024 period (Attachment 16, column R, line 4).

Short-Term Reserve

Beginning December 7, 2021, MISO began clearing Short-Term Reserves (STR); a 30-minute rampable generation capacity product provided by on-line or off-line resources to be converted to energy within the STR deployment period (30 minutes). It is co-optimized with energy and ancillary services products. The product separately addresses market-wide, sub-regional and local short-term reserve needs. MISO's Short-Term Reserves resulted in a net benefit of \$221,271 for the January through December 2024 period (Attachment 16, column R, line 9).

Real-Time Excessive/Deficient Energy Deployment Charge Amount

The Real-Time Excessive/Deficient Energy Deployment Charge Amount represents the charge to an Asset Owner owning Generation where the Asset Owner's unit fails to follow Setpoint instructions for four consecutive intervals within 1 hour without an Exemption. This charge consists of taking back any cleared Day Ahead Regulation Operating Reserve payment and any cleared Net Real Time Regulation payment and also assesses a prorated share of the Day Ahead and Real Time Regulation Market cost. During the reporting period of January through December 2024 there was a total of (\$43,389) in penalties assessed to Otter Tail units (Attachment 16, column R, line 19). These are normally mechanical failure situations where the unit fails to follow dispatch for a short time period while small repairs are made.

Real-Time Contingency Deployment Failure Charge Amount The Real-Time Contingency Deployment Failure Charge Amount represents the charge incurred by Resources that fail to deploy Contingency Reserves at or above the Contingency Reserve Deployment Instruction. Again, these would normally be short intervals where some mechanical failure occurred. For the January through December 2024 period, there were no charges (Attachment 16, column R, line 18).

Net Regulation Adjustment Amount

The Real-Time Net Regulation Adjustment Amount represents a charge (or credit) to a generator to account for energy revenue lost (or gained) by going below (or above) their dispatch target to provide regulation services to the market. For the January through December 2024 period, there was a total of (\$24,582) in charges (Attachment 16, column R, line 20).

ASM Charge Summary

The transition to the ASM market has been smooth from an operational standpoint. There has also been a positive economic benefit for Otter Tail. Otter Tail has been able to maximize the capabilities of our units to a greater extent,

which ultimately has led to greater operational efficiencies for Otter Tail. Otter Tail will continue to develop strategies that will continue to allow the ASM to have a positive impact for our customers.

Otter Tail reviews all MISO charges and credits including ASM charge types on a daily basis.

Attachment 16 provides the summary of ASM hourly charges for the January through December 2024 period, which has provided (\$67,971) (column R, line 23) of net ASM revenue.

Attachment 17 provides a summary of hourly MWh related to ASM products for the periods of January through December 2024.

III. Schedule 17 Costs

MISO took on additional system and analysis responsibilities with the start of the ASM and as a result, additional costs were incurred at MISO. These costs were recovered from Market Participants including Otter Tail through increased Schedule 17 charges. Attachment 18 provides a summary of the Schedule 17 rates before and after the start of ASM.

IV. No Double Recovery of Costs

The Commission requested the utilities other than Otter Tail address the potential double recovery of costs associated with Operating Reserves costs and revenues from MISO being collected through the FCA and the costs of the generation being recovered in base rates. As a result of Otter Tail's 2010 general rate case, Docket E017/GR-10-239 (2010 Rate Case), Otter Tail passes on ASM charges and credits through its FCA. First and foremost, the potential for any double recovery of such costs is eliminated by operation of the fuel clause pass through of ASM charges. In addition, there is no double recovery of costs because there are two kinds of reserve requirements the Company must meet.

The fixed costs of generation included in base rates reflect the Capacity reserve requirement established under Module E of the MISO Tariff (resource adequacy) costs. In addition, the start of the ASM and MISO's role as regional balancing authority means Otter Tail (as a balancing authority) can purchase rather than self-provide the regulating reserve and spinning reserve requirements imposed by NERC reliability standards. The costs of regulating reserve and spinning reserve are distinct from capacity reserve costs and reflect either direct energy costs or the incremental costs of holding generation in reserve (*i.e.*, the cost of energy generated in place of the energy that could have been produced by the unit(s) providing the regulation and/or spinning reserves), which have always been recovered through the fuel clause rather than base rates.

V. As Requested in Docket No. E017/GR-10-239, the Commission Should Allow Continued ASM Charge Recovery

Otter Tail's 2010 report, and this report, continue to validate the net savings of ASM participation to Otter Tail. The ancillary services markets are achieving significant benefits in terms of generation resource optimization, with the savings flowing through the fuel clause to Otter Tail's customers. Otter Tail has been required since its 2010 Rate Case to utilize FCA treatment of ASM charges (credits and costs) in its fuel clause on an ongoing basis.

Summary

MISO ASM has allowed Otter Tail the ability to more fully utilize our generation assets for the benefit of our customers. Otter Tail fully expects these benefits to continue due to our ability to offer generation into both markets which better utilizes the full benefits of our generation facilities relative to current market conditions.

SUMMARY OF 12 ASM CHARGE TYPES (Dollars) (EXPENSE) REVENUE

			(A)	((B)	(C	2)	(D)		(E)	(F)		(G)	(H)	(1)	(J)	(K	3)	(L)		(M)	(N)	(O)		(P)		(Q)	((R)
Line No.		Ja	an-24	Fe	b-24	Mar		st Qtr 2024 Total		Apr-24	May-24	1	2 Jun-24	nd Qtr 2024 Total	Jul-24	Aug-24	Sep		rd Qtr 2024 Total	,	Oct-24	Nov-24	Dec-24		Qtr 2024 Total		2-Month Total		Amount 480642
1	Day Ahead Regulation Amount	•	22 656	\$:	28.417	¢ o-	7.258 \$	89,331	s	40,604	\$ 82,38	84 \$	64,548 \$	187,535	\$ 98,801	\$ 88,447	\$ 8	0,576 \$	267,824	s	26,694 \$	63,877	\$ 102,12	24 ¢	192,694	s	737,385		354.418
'	Day Arlead Regulation Amount						7,230 ş		٠									0,570 \$		9									
2	Real Time Regulation Amount Regulation Cost Distribution	\$	23,734	\$:	26,270	\$ 8	8,431 \$	58,435	\$	52,550	\$ 23,28	83 \$	(12,610) \$	63,224	\$ (12,591)	\$ 6,156	\$ (1	0,861) \$	(17,296)	\$	40,541 \$	38,337	\$ 84,59	95 \$	163,473	\$	267,836	\$ 1	128,733
3	Amount	\$ ((11,468)	\$ (16,326)	\$ (17	7,568) \$	(45,361)	\$	(17,079)	\$ (17,62	24) \$	(14,060) \$	(48,763)	\$ (28,260)	\$ (21,929)	\$ (2	3,674) \$	(73,863)	\$	(37,517) \$	(37,713)	\$ (46,28	31) \$	(121,511)	\$	(289,498)	\$ (1	139,145)
4	Regulation Subtotal	\$	35,922	\$	38,361	\$ 28	8,122 \$	102,405	\$	76,074	\$ 88,04	43 \$	37,878 \$	201,996	\$ 57,951	\$ 72,674	\$ 4	6,041 \$	176,666	\$	29,718 \$	64,501	\$ 140,43	š7 \$	234,656	\$	715,723	\$ 3	344,007
	D																												
5	Day Ahead Short-Term Reserve Amount	\$ 2	38,708	\$	5,333	\$ 11	1,559 \$	255,601	\$	30,121	\$ 54,09	92 \$	49,492 \$	133,705	\$ 66,650	\$ 41,361	\$ 22	4,025 \$	332,035	\$	19,785 \$	13,555	\$ 33,36	69 \$	66,708	\$	788,050	\$ 3	378,770
6	Real Time Short-Term Reserve Amount	\$	(1,883)	\$	977	\$	(29) \$	(935)	\$	(2,198)	\$ (2,45	58) \$	911 \$	(3,745)	\$ 9,975	\$ (9,822)	\$ 1	0,321 \$	10,474	\$	115 \$	327	\$ (21	14) \$	228	\$	6,022	\$	2,894
7	Short-Term Reserve Cost Distribution Amount	\$ ((72,971)	\$	(4,403)	\$ (5	5,113) \$	(82,488)	\$	(13,758)	\$ (26,89	90) \$	(9,234) \$	(49,882)	\$ (62,395)	\$ (28,365)	\$ (7:	2,683) \$	(163,443)	\$	(13,467) \$	(5,622)	\$ (16,87	79) \$	(35,968)	\$	(331,781)	\$ (1	159,468)
8	Short-Term Reserve Deployment Failure Charge Amount	\$	-	\$	- :	\$	- \$	-	\$	-	\$ -	\$	- \$	-	\$ -	\$ -	\$	- \$	-	\$	- \$	- :	\$ (1,92	26) \$	(1,926)	\$	(1,926)	\$	(926)
9	Short-Term Reserve Subtotal	\$ 1	63,854	\$	1,907	\$ 6	6,417 \$	172,178	\$	14,166	\$ 24,7	44 \$	41,168 \$	80,078	\$ 14,229	\$ 3,174	\$ 16	1,663 \$	179,066	\$	6,433 \$	8,261	\$ 14,34	19 \$	29,042	\$	460,365	\$ 2	221,271
									E																				
10	Day Ahead Spinning Reserve Amount	\$	3,977	\$	10,711	\$ 30	0,599 \$	45,288	\$	31,073	\$ 47,73	36 \$	48,460 \$	127,269	\$ 35,751	\$ 22,345	\$ 5	9,372 \$	117,468	\$	30,703 \$	49,837	\$ 33,92	27 \$	114,467	\$	404,491	\$ 1	194,415
11	Real Time Spinning Reserve Amount	\$	4,777	\$	2,359	\$	(808) \$	6,328	\$	(12,162)	\$ 1,16	67 \$	11,017 \$	22	\$ 2,744	\$ (1,216)	\$ (8,587) \$	(7,059)	\$	(8,401) \$	(5,982)	\$ (75	56) \$	(15,139)	\$	(15,847)	\$	(7,617)
12	Spinning Reserve Cost Distribution Amount	\$ ((14,463)	\$ (13,165)	\$ (15	5,489) \$	(43,116)	\$	(14,202)	\$ (22,9	18) \$	(13,136) \$	(50,256)	\$ (19,694)	\$ (9,997)	\$ (1	5,003) \$	(44,695)	\$	(23,056) \$	(21,880)	\$ (24,01	18) \$	(68,953)	\$	(207,020)	\$	(99,502)
13	Spinning Reserve Subtotal	\$	(5,708)	\$	(94)	\$ 14	4,302 \$	8,500	\$	4,708	\$ 25,98	85 \$	46,341 \$	77,034	\$ 18,801	\$ 11,132	\$ 3	5,782 \$	65,715	\$	(753) \$	21,975	\$ 9,15	53 \$	30,375	\$	181,624	\$	87,296
									E																			\vdash	
14	Day Ahead Supplemental Reserve Amount	\$	28,429	\$	1,465	\$ 3	3,236 \$	33,130	\$	7,481	\$ 17,20	07 \$	12,773 \$	37,461	\$ 52,357	\$ 32,719	\$ 3	1,341 \$	116,418	\$	17,839 \$	20,358	\$ 12,41	17 \$	50,614	\$	237,623	\$ 1	114,211
15	Real Time Supplemental Reserve Amount	\$	(5,034)	\$	(661)	\$ (1	1,785) \$	(7,480)	\$	43,302	\$ (6,68	81) \$	(5,516) \$	31,105	\$ (15,696)	\$ (4,964)	\$ (8,516) \$	(29,176)	\$	(8,079) \$	(10,096)	\$ 6,29	97 \$	(11,877)	\$	(17,428)	\$	(8,377)
16	Supplemental Reserve Cost Distribution Amount	\$	(2,434)	\$	(1,795)	\$ (1	1,458) \$	(5,687)	\$	(3,249)	\$ (2,30	06) \$	(1,375) \$	(6,931)	\$ (6,243)	\$ (3,919)	\$ (2,821) \$	(12,983)	\$	(4,038) \$	(2,348)	\$ (3,49	96) \$	(9,883)	\$	(35,483)	\$	(17,055)
17	Supplemental Reserve Subtotal	\$	20,960	\$	(991)	\$	(7) \$	19,963	\$	47,534	\$ 8,22	20 \$	5,882 \$	61,636	\$ 30,418	\$ 23,837	\$ 2	0,004 \$	74,259	\$	5,722 \$	7,914	\$ 15,21	18 \$	28,854	\$	184,711	\$	88,780
	Contingency Person								F																				
18	Contingency Reserve Deployment Failure Charge Amount	\$	-	\$	- :	\$	- \$	-	\$	-	\$ -	\$	- \$	-	\$ -	\$ -	\$	- \$	-	\$	- \$	- :	\$ -	\$	-	\$		\$	-
	Real Time Excessive Deficient Energy Deployment Charge		(4.0:-)	•	(0.05-)		n 505' -	<i>(-</i> ·		46 ==		05) 2		(05					/a == :		(4.05.)	(40.5:=)		na) =	(40.5==)		/os ·		(40.05-)
19	Amount Net Regulation Adjustment				(2,093)		2,568) \$		\$, , ,	\$ (26,68		7,017 \$, , ,	\$ (1,765)		. ,	6,111) \$	(-,,	\$, , , , ,	(18,848)			(43,889)	\$	(90,274)		(43,389)
	Amount Real Time Miscellaneous	\$	1,165	\$	(2,070)	\$ (t \$	5,499) \$	(-,,	\$	(-, -,	\$ (°	14) \$	(6,242) \$		\$ (5,046)	\$ (12,189)	\$ (1,840) \$		S .	(9,533) \$, , ,		10) \$	(15,963)	\$	(51,144)	\$ ((24,582)
21	Transcendieous	Ģ	-	φ	-	Ψ	. 3	-	3	-	-	3	- 3		-	. ·	, 9	- 3		٦	- 12	- 1	-	ĮÞ		٠	-		-
	Other Charge Subtotal	\$	(648)		(4,163)	* "	8,067) \$, ,,	\$,,	\$ (26,69	,	775 \$			\$ (7,817)		7,950) \$			(11,353) \$				(59,852)		(141,418)		(67,971)
23	TOTAL	\$ 2	14,381	\$:	35,020	\$ 40	0,767 \$	290,168	\$	122,297	\$ 120,2	94 \$	132,045 \$	374,636	\$ 114,587	\$ 102,999	\$ 25	5,541 \$	473,127	\$	29,766 \$	80,683	\$ 152,62	27 \$	263,075	\$	1,401,005	\$ F	673,382

Summary of 12 ASM Charge Types (MWH)

	T I	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)
Line No.		Jan-24	Feb-24	Mar-24	1st Qtr 2024 Total	Apr-24	May-24	Jun-24	2nd Qtr 2024 Total	Jul-24	Aug-24	Sep-24	3rd Qtr 2024 Total	Oct-24	Nov-24	Dec-24	4th Qtr 2024 Total	12-Month Total	MN Amount @ 0.480642
1	Day Ahead Regulation Amount	1,955.40	3,819.90	5,669.90	11,445.20	5,519.10	5,737.80	6,742.00	17,998.90	3,072.00	4,993.20	7,954.30	16,019.50	2,474.30	6,131.40	7,225.00	15,830.70	61,294.30	29,460.61
2	Real Time Regulation Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Regulation Cost Distribution Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Regulation Subtotal	1,955.40	3,819.90	5,669.90	11,445.20	5,519.10	5,737.80	6,742.00	17,998.90	3,072.00	4,993.20	7,954.30	16,019.50	2,474.30	6,131.40	7,225.00	15,830.70	61,294.30	29,460.61
5	Day Ahead Short-Term Reserve Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Real Time Short-Term Reserve Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Short-Term Reserve Cost Distribution Amount Short-Term Reserve	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	Deployment Failure Charge Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	# 0.00	0.00
9	Short-Term Reserve Subtotal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	# 0.00	0.00
10	Day Ahead Spinning Reserve Amount	241.70	1,665.70	3,480.00	5,387.40	3,338.20	5,160.10	5,577.10	14,075.40	2,177.30	1,688.20	6,040.50	9,906.00	2,661.20	4,554.80	3,121.70	10,337.70	39,706.50	19,084.61
11	Real Time Spinning Reserve Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	Spinning Reserve Cost Distribution Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Spinning Reserve Subtotal	241.70	1,665.70	3,480.00	5,387.40	3,338.20	5,160.10	5,577.10	14,075.40	2,177.30	1,688.20	6,040.50	9,906.00	2,661.20	4,554.80	3,121.70	10,337.70	39,706.50	19,084.61
14	Day Ahead Supplemental Reserve Amount	50,899.80	4,531.80	13,382.10	68,813.70	31,125.70	44,776.50	30,180.00	106,082.20	17,954.80	20,976.30	62,870.50	101,801.60	50,874.80	54,588.60	26,289.00	131,752.40	408,449.90	196,318.18
15	Real Time Supplemental Reserve Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	Supplemental Reserve Cost Distribution Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Supplemental Reserve Subtotal	50,899.80	4,531.80	13,382.10	68,813.70	31,125.70	44,776.50	30,180.00	106,082.20	17,954.80	20,976.30	62,870.50	101,801.60	50,874.80	54,588.60	26,289.00	131,752.40	408,449.90	196,318.18
18	Contingency Reserve Deployment Failure Charge Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	Real Time Excessive Deficient Energy Deployment Charge Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	Net Regulation Adjustment Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	Real Time Miscellaneous	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Other Charge Subtotal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
23	TOTAL	53,096.90	10,017.40	22,532.00	85,646.30	39,983.00	55,674.40	42,499.10	138,156.50	23,204.10	27,657.70	76,865.30	127,727.10	56,010.30	65,274.80	36,635.70	157,920.80	509,450.70	244,863.40

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Comparison of MISO Schedule 17 Rates and Amounts before and after the start of the ASM Market

Montly Average Schedule 17 Amount

April '05 through December '08	\$	48,983.00
January '09 through December '09	\$	68,439.00
January '10 through December '10	\$	67,171.00
January '11 through June '11	\$	67,418.00
July '11 through July '12	\$	60,573.57
July '12 through June '13	\$	62,582.95
July '13 through June '14	\$	59,249.43
July '14 through June '15	\$	52,206.79
July '15 through June '16	\$	52,282.71
July '16 through June '17	\$	54,561.27
July '17 through June '18	\$	64,940.78
July '18 through December '19	\$	65,679.88
January '20 through December '20	\$	62,585.46
January '21 through December '21	\$	64,618.00
January '22 through December '22	\$	69,777.03
January '23 through December '23	\$	75,607.02
January '24 through December '24	\$	76,121.93
Average monthly increase from prior period	\$	514.91
Average monthly increase from prior period	Ą	314.31
Montly Average Schedule 17 Rate per MWh	Ţ	314.31
	\$	0.07220
Montly Average Schedule 17 Rate per MWh		
Montly Average Schedule 17 Rate per MWh April '05 through December '08	\$	0.07220
Montly Average Schedule 17 Rate per MWh April '05 through December '08 January '09 through December '09	\$ \$	0.07220 0.09750
Montly Average Schedule 17 Rate per MWh April '05 through December '08 January '09 through December '09 January '10 through December '10	\$ \$ \$	0.07220 0.09750 0.09380
Montly Average Schedule 17 Rate per MWh April '05 through December '08 January '09 through December '09 January '10 through December '10 January '11 through June '11	\$ \$ \$ \$	0.07220 0.09750 0.09380 0.09300
Montly Average Schedule 17 Rate per MWh April '05 through December '08 January '09 through December '09 January '10 through December '10 January '11 through June '11 July '11 through July '12	\$ \$ \$ \$	0.07220 0.09750 0.09380 0.09300 0.09040
Montly Average Schedule 17 Rate per MWh April '05 through December '08 January '09 through December '09 January '10 through December '10 January '11 through June '11 July '11 through July '12 July '12 through June '13	\$ \$ \$ \$ \$	0.07220 0.09750 0.09380 0.09300 0.09040 0.08820
Montly Average Schedule 17 Rate per MWh April '05 through December '08 January '09 through December '09 January '10 through December '10 January '11 through June '11 July '11 through July '12 July '12 through June '13 July '13 through June '14	\$ \$ \$ \$ \$ \$	0.07220 0.09750 0.09380 0.09300 0.09040 0.08820 0.07656
Montly Average Schedule 17 Rate per MWh April '05 through December '08 January '09 through December '09 January '10 through December '10 January '11 through June '11 July '11 through July '12 July '12 through June '13 July '13 through June '14 July '14 through June '15	\$ \$ \$ \$ \$ \$	0.07220 0.09750 0.09380 0.09300 0.09040 0.08820 0.07656 0.07337
Montly Average Schedule 17 Rate per MWh April '05 through December '08 January '09 through December '09 January '10 through December '10 January '11 through June '11 July '11 through July '12 July '12 through June '13 July '13 through June '14 July '14 through June '15 July '15 through June '16	\$ \$ \$ \$ \$ \$	0.07220 0.09750 0.09380 0.09300 0.09040 0.08820 0.07656 0.07337 0.07479
Montly Average Schedule 17 Rate per MWh April '05 through December '08 January '09 through December '09 January '10 through December '10 January '11 through June '11 July '11 through July '12 July '12 through June '13 July '13 through June '14 July '14 through June '15 July '15 through June '16 July '16 through June '17	\$ \$ \$ \$ \$ \$ \$ \$	0.07220 0.09750 0.09380 0.09300 0.09040 0.08820 0.07656 0.07337 0.07479
Montly Average Schedule 17 Rate per MWh April '05 through December '08 January '09 through December '09 January '10 through December '10 January '11 through June '11 July '11 through July '12 July '12 through June '13 July '13 through June '14 July '14 through June '15 July '15 through June '16 July '16 through June '17 July '17 through June '18	\$ \$ \$ \$ \$ \$ \$ \$	0.07220 0.09750 0.09380 0.09300 0.09040 0.08820 0.07656 0.07337 0.07479 0.07312
Montly Average Schedule 17 Rate per MWh April '05 through December '08 January '09 through December '09 January '10 through December '10 January '11 through June '11 July '11 through July '12 July '12 through June '13 July '13 through June '14 July '14 through June '15 July '15 through June '16 July '16 through June '17 July '17 through June '18 July '18 through December '19	\$ \$ \$ \$ \$ \$ \$ \$ \$	0.07220 0.09750 0.09380 0.09300 0.09040 0.08820 0.07656 0.07337 0.07479 0.07312 0.08239 0.08589
Montly Average Schedule 17 Rate per MWh April '05 through December '08 January '09 through December '09 January '10 through December '10 January '11 through June '11 July '11 through July '12 July '12 through June '13 July '13 through June '14 July '14 through June '15 July '15 through June '16 July '16 through June '17 July '17 through June '18 July '18 through December '19 January '20 through December '20	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.07220 0.09750 0.09380 0.09300 0.09040 0.08820 0.07656 0.07337 0.07479 0.07312 0.08239 0.08589 0.08917
Montly Average Schedule 17 Rate per MWh April '05 through December '08 January '09 through December '09 January '10 through December '10 January '11 through June '11 July '11 through July '12 July '12 through June '13 July '13 through June '14 July '14 through June '15 July '15 through June '16 July '16 through June '17 July '17 through June '18 July '18 through December '19 January '20 through December '20 January '21 through December '21	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.07220 0.09750 0.09380 0.09300 0.09040 0.08820 0.07656 0.07337 0.07479 0.07312 0.08239 0.08589 0.08917

MN Capacity Auction Revenues 2024

	<u>Jan-24</u>	Feb-24	<u>Mar-24</u>	<u>Apr-24</u>	May-24	<u>Jun-24</u>	<u>Jul-24</u>	Aug-24	Sep-24	Oct-24	Nov-24	<u>Dec-24</u>	<u>YTD</u>
Capacity Auction Revenues	(13,450)	(23)	(32,179)	(49,068)	(43,772)	(27,916)	(32,960)	(24,930)	(64,899)	(83,029)	(75,690)	(23,490)	(471,407)

Hoot Lake Solar 2024

	<u>Jan-24</u>	<u>Feb-24</u>	<u>Mar-24</u>	<u> Apr-24</u>	May-24	<u>Jun-24</u>	<u>Jul-24</u>	<u>Aug-24</u>	Sep-24	Oct-24	Nov-24	<u>Dec-24</u>	<u>YTD</u>
Avoided Market Purchases due to Hoot Lake Solar Output (Total System)		\$ 106,749.55	\$ 136,997.27	\$ 267,488.94	\$ 168,150.10	\$ 217,939.69	\$ 431,545.66	\$ 293,532.38	\$ 281,308.23	\$ 210,549.31	\$ 72,032.17	\$ 53,275.49	\$ 2,308,264.93 \$ -
Actual MN Sales Subject to COE - kWh	265,902,314	249,034,194	233,633,452	233,337,087	212,375,459	208,097,061	223,720,802	231,285,264	214,766,494	195,999,368	217,355,017	234,028,431	2,719,534,945
Actual Total System sales - kWh	572,589,000	536,426,943	485,103,013	506,391,362	437,136,566	405,118,314	446,971,768	455,798,056	450,170,185	406,143,181	450,405,129	509,842,218	5,662,095,733
MN Sales as % of Total Sales (Line 2 / Line 3)	46.449	46.42%	48.16%	46.08%	48.58%	51.37%	50.05%	50.74%	47.71%	48.26%	48.26%	45.90%	577.98%
Avoided cost captured by MN Customers in existing mechanism calculation (MN Share) (Line 4x Line 1)	\$ 31,902	\$ 49,558	\$ 65,980	\$ 123,255	\$ 81,693	\$ 111,949	\$ 216,000	\$ 148,947	\$ 134,206	\$ 101,608	\$ 34,761	\$ 24,455	\$ 1,124,312.92
Avoided cost not captured by MN Customers in existing mechanism calculation (MN Share) (Line 5 - Line 1)	\$ (36,795) \$ (57,191)	\$ (71,017)	\$ (144,234)	\$ (86,457)	\$ (105,991)	\$ (215,546)	\$ (144,585)	\$ (147,102)	\$ (108,941)	\$ (37,271)	\$ (28,821)	\$ (1,183,952) \$ -
Amount credited to MN EAR Calculation (grossed up to system total) (Total System) (Line 6 / Line 4)	\$ (79,233) \$ (123,192)	\$ (147,456)	\$ (313,019)	\$ (177,957)	\$ (206,340)	\$ (430,639)	\$ (284,937)	\$ (308,340)	\$ (225,744)	\$ (77,234)	\$ (62,788)	\$ (2,436,878)

Appendix A – Section 2

The information provided in Appendix A addresses certain compliance obligations from annual reporting requirements pursuant to Minn. R. 7825.2800 to 7825.2840 governing Automatic Adjustment of Charges and June 12, 2019, Orders in Docket No. E999/CI-03-802 and Docket No. E017/AA-23-181.

SECTION 2.1 - MINN. R. 7825.2810 Subpart 1.A. Commission Approved Base Cost of Fuel

No recovery of fuel costs is included in Otter Tail Power's base rates effective January 1, 2021.¹ All recovery is in the Energy Adjustment Rider – Electric Rate Schedule - Section 13.01. Attachment 4 - is now the most current Schedule approved in Docket No. E017/AA-23-181 in an Order dated November, 9, 2023. This Order authorized inclusion of MISO Planning Resource Auction revenues and costs in 2024 Energy Adjustment Rider rates.

SECTION 2.2 - MINN. R. 7825.2810 Subpart 1.B. Billing Adjustment Amounts

Otter Tail Power provides the following Attachments with a break down by primary energy source:

- 1. Attachment 5 kWh Sales by Primary Energy Source for the period of January to December 2024.
- 2. Attachment 6 Energy Cost by Primary Energy Source.
- 3. Attachment 7 marked as NOT PUBLIC Monthly Cost Components from January 2007 to present which includes the cost of delivered coal by plant, natural gas, oil, and wholesale purchases without Revenue Sufficiency Guarantee (RSG) and Revenue Neutrality Uplift (RNU) charges.

SECTION 2.3 - MINN. R. 7825.2810 Subpart 1.D. The Total Cost of Fuel Delivered to Customers

Attachments 2 and 3 to this filing provide further details on forecasted and actual costs for 2024 as summarized in the table below. These amounts include MISO Planning Reserve Auction revenues received and accounted for in 2024.

¹ In the Commission's November 5, 2019 Order in Docket No. E999/CI-03-802, OTP was ordered in its next rate case to "demonstrate that its proposed base rates exclude Fuel Clause Adjustment-related costs." This order requires OTP to remove base cost of energy from base rates and include all FCA eligible costs in the EAR. Otter Tail complied with that Order in its last rate case, Docket No. E017/GR-20-719

	Forecasted Costs - System	Actual Costs – System
January 2024	\$18,336,826	\$18,105,578
February	\$18,123,298	\$11,219,580
March	\$12,838,732	\$6,330,102
April	\$10,094,314	\$2,934,271
May	\$9,314,390	\$7,897,939
June	\$9,345,015	\$7,659,170
July	\$11,218,066	\$9,828,819
August	\$10,559,132	\$7,554,937
September	\$10,101,233	\$3,686,953
October	\$10,126,818	\$6,450,961
November	\$13,113,376	\$8,418,561
December	\$16,901,524	\$16,615,665
Total 2024	\$150,072,724	\$106,702,537

	Forecasted Costs - System	Actual Costs - System
January 2024	\$18,336,826	\$18,105,578
February	\$18,123,298	\$11,219,580
March	\$12,838,732	\$6,330,102
April	\$10,094,314	\$2,934,271
May	\$9,314,390	\$7,897,939
June	\$9,345,015	\$7,659,170
July	\$11,218,066	\$9,828,819
August	\$10,559,132	\$7,554,937
September	\$10,101,233	\$3,686,953
October	\$10,126,818	\$6,450,961
November	\$13,113,376	\$8,418,561
December	\$16,901,524	\$16,615,665
TOTAL 2024	\$150,072,724	\$106,702,537

The following amounts are reflective of the Minnesota January 2024 through December 2024 reporting period.

Item	Amount
Total 2024 kWh Sales (System)	5,658,134,533
Total 2024 kWh Sales Subject to COE – MN	2,719,534,945
Percent of MN Sales to System (Line 2 / Line 1)	48.064%
Total 2024 System Fuel Costs	\$106,714,012
Percent of MN kWh Sales (Line 3 above)	48.064%
2024 Fuel Costs Allocated to MN (Line 5 X Line 6)	\$51,291,196

Item	Amount
Total 2024 kWh Sales (System)	5,658,134,533
Total 2024 kWh Sales Subject to COE – MN	2,719,534,945
Percent of MN Sales to System (Line 2 / Line 1)	0.480641619
Total 2024 System Fuel Costs	\$106,714,012
Percent of MN kWh Sales (Line 3 above)	0.480641619
2024 Fuel Costs Allocated to MN (Line 5 X Line 6)	\$51,291,196

SECTION 2.4 - MINN. R. 7825.2810 Subpart 1.E. Revenue Collected From Customers for Energy Delivered

The following table summarizes total recovery realized from approved rates from 2024 relative to costs incurred:

Item	Amount
Recovery from FCA	\$72,629,514
MN Share of Fuel Costs	\$51,291,196
Total Over/(Under) Recovery (Line 1 – Line 2)	\$21,252,103
Cumulative Over/Under through 2022 True-Up Collected	\$497,485
Cumulative Over/Under through 2023 Supplemental Collected	(\$550,939)
Projected Cumulative Over/Under through 2023 True- Up	\$150,114
2024 Supplemental Refund (July – December 2024) – (See below)	(\$12,012,457)
Cummulative Over/Under through 2024 November Supplemental Projected Revenue	(\$9,929,116)
Small Scale Solar Credit	(\$2,423)
Projected Net 2024 Over/(Under) Collection	(\$774,941)

During 2024, September through December rates also included adjustments to begin collecting the remaining true-up balances from the January 2023 through December 2023 recovery periods. This adjustment will continue through August of 2025. The JulyJuly through December rates included anincluded an initial refund of an over recovery experienced from January thru April of 2024. This adjustment ended in December 2024 Attachment 1 contains the details of these adjustments Below are the monthly amounts of each adjustment.

	Refund of January to June 2023 Overcollection	Refund of Remaining 2023 Overcollection	Refund of January to April 2024 Overcollection
January 2024	(\$870,830)	\$0	\$0
February	(\$815,587)	\$0	\$0
March	(\$765,150)	\$0	\$0
April	(\$764,179)	\$0	\$0
May	(\$695,530)	\$0	\$0
June	(\$681,518)	\$0	\$0
July	(\$732,686)	\$0	(\$2,040,334)
August	(\$757,459)	\$0	(\$2,109,322)
September	\$0	(\$408,056)	(\$1,958,670)
October	\$0	(\$372,399)	(\$1,787,514)
November	\$0	(\$412,975)	(\$1,982,278)
December	\$0	(\$444,654)	(\$2,134,339)
Total 2024	(\$6,082,938)	(\$1,638,084)	(\$12,012,457)

	Recovery of Calendar Year 2023 True Up	Refund of January to April 2024 Overcollection	Refund of January to August 2024 Overcollection
January 2024	\$0	\$0	(\$870,830)
February	\$0	\$0	(\$815,587)
March	\$0	\$0	(\$765,150)
April	\$0	\$0	(\$764,179)
May	\$0	\$0	(\$695,530)
June	\$0	\$0	(\$681,518)
July	\$0	(\$2,040,334)	(\$732,686)
August	\$0	(\$2,109,322)	(\$757,459)
September	(\$408,056)	(\$1,958,670)	
October	(\$372,399)	(\$1,787,514)	
November	(\$412,975)	(\$1,982,278)	
December	(\$444,654)	(\$2,134,339(
TOTAL 2024	(\$1,638,084)	(\$12,012,457)	(\$6,082,938)

SECTION 2.5 - MINN. R. 7825.2810 Subpart 1.G. The Amount of Refunds Credited to Customers

As noted in the table above, during 2024, Otter Tail Power did adjust rates to begin refunding its over-collection from the first four months of 2024 through the energy adjustment rider.

PASSING MISO DAY 2 COSTS THROUGH FUEL CLAUSE ORDER IN DOCKET NO. E017/M-05-284

2023 Actual

Otter Tail's forecasted and actual non-energy Midcontinent Independent Transmission System Operator, Inc. (MISO) and Southwest Power Pool (SPP) market-related charges are provided in summary form in Attachment 2 of this filing.

Regulatory Background on MISO Costs:

On February 16, 2005, Otter Tail filed a request with the Commission to recover the costs resulting from participation in the "Day 2" operations of the MISO through the fuel clause adjustment. On April 7, 2005, the Commission issued its Order in Docket No. E017/M-05-284 ordering Otter Tail to account for costs on a net basis in Account 555 and granting recovery of these costs through the fuel clause adjustment subject to refund with interest.

In accordance with the December 2006 Order in Docket No. E017/M-05-284, Otter Tail submits the following additional reporting requirements:

7. A. 1. Each utility shall include in its AAA report an overview of the anticipated events and planned actions to address fuel clause costs, and the actions planned by the utility to minimize or lower such costs whenever possible.

Each utility shall provide a discussion of tools for managing fuel clause costs, including:

a) plans for use of financial instruments or other mechanisms to hedge the costs of natural gas or other fuels,

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b) plans to hedge purchased energy costs (either through forward bilateral purchases or financial instruments), including how the utility will plan for and cover fuel and energy risk during planned unit outages; and

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c) where deemed appropriate, plans for additional optimization of congestion cost hedging through the purchase and/or sale of FTRs in the MISO Day 2 Market.

2024 Actual Results:

No additional purchases of FTRs for congestion hedging were made in 2024.

Otter Tail's FTR Hedging Approach:

For 2024, the Company had no specific plans to purchase additional FTRs beyond those held through the normal allocation process. In some situations, the Company may sell allocated FTRs back to the market when a unit is off-line for extended maintenance and/or a unit is expected to be economically de-committed due to low wholesale energy prices. Under such circumstances these FTRs do not serve to hedge energy flows between generation and load. In addition, the Company may choose to purchase additional FTRs to hedge bilateral purchases if a monthly or seasonal FTR is anticipated to provide a reasonable hedge against congestion costs. Historically, purchasing FTRs to hedge a bilateral purchase has been a very infrequent occurrence.

7. A. 2. These plans are subject to annual review and audit in the AAA process. Congestion costs and revenues shall be reviewed in an annual filing.

Otter Tail addresses Congestion costs and revenues later in this filing under the section Appendix A Section 6 ADDITIONAL REPORTING REQUIREMENTS MN PUC ORDER ACTING ON ELECTRIC UTILITIES' ANNUAL REPORTS AND REQUIRING ADDITIONAL FILINGS DOCKET NOS. E999/AA-09-961 and E999/AA-10-884 order point 25.

7. A. 3. Each utility shall provide and update a list of the network resources that it designates used to serve native load.

See Attachment 8 (marked as NOT PUBLIC) - MISO Module E Data for Otter Tail.

7. B. To help customers manage their energy costs, each utility shall submit an annual FCA forecast of the cost per MWh of fuel and purchased power costs for the next 12 months.

Forecasted costs for 2023 were filed and approved in Docket No. E017/AA-22-214 effective January 1, 2023.

Forecasted costs for 2024 were filed and approved in Docket No. E017/AA-23-181 effective January 1, 2024.

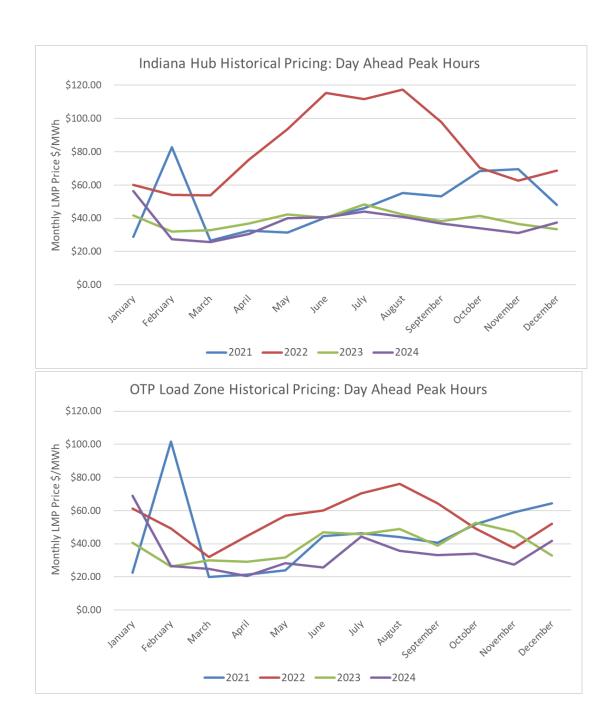
7. C. Each utility shall prepare a summary of its AAA filing stating key factors affecting costs (including Revenue Sufficiency Guarantee costs and Revenue Neutrality Uplift costs) along with the FCA Forecast.

Attachment 9 (System and Minnesota) and Attachment 10 (Monthly and YTD MISO Day 2 Charges) reflect total MISO costs for the reporting period of January through December 2024.

Total net MISO charges for 2024 were \$39.1 million as found on line 54 of Attachment 9.

MISO Market Overview for 2024:

The biggest driver in determining wholesale energy market credits/charges and dispatch of generation is market pricing, or more specifically, Locational Marginal Pricing (LMP). LMPs in 2024 were comparable to 2023, yet substantially lower than 2021 and 2022. The following graphs help illustrate historical Day Ahead (DA), peak LMPs for the Indiana Hub, (the most liquid and most traded location within MISO), and the Otter Tail load zone LMPs.

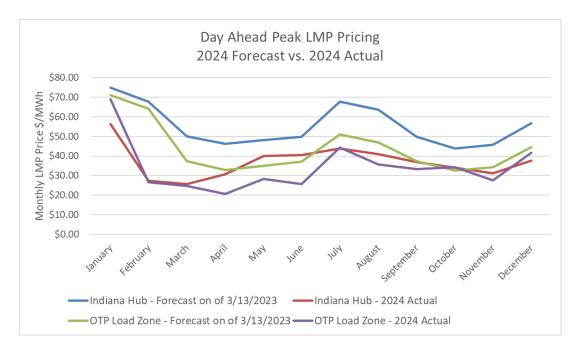


2024 Indiana Hub DA peak LMP pricing was approximately 45 percent of the 2022 LMP, the highest year in recent history, and 66 percent of the previous 3-year average LMP. Similarly, Otter Tail load zone LMP was approximately 63 percent of the 2022 LMP and 74 percent of the previous 3-year average LMP.

Projections of generation production, economic market purchases, and wholesale market energy charges are driven in large part by forecasted LMP. Furthermore, natural

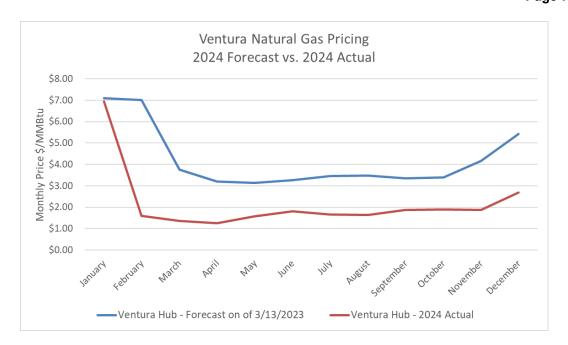
gas forecasts generally drive LMP forecasts. This is due to natural gas generation facilities often being the marginal units, or price setting units, within the MISO market.

To develop a forecast for the Otter Tail Power load zone, Otter Tail utilizes the daily forward Indiana Hub price curves published by Intercontinental Exchange, Inc (ICE). Otter Tail analyzes historical pricing basis between the Indiana Hub and Otter Tail load zone, evaluates historical market conditions, and considers current and future market expectations to develop an Otter Tail load zone forecast. As the Indiana Hub actual pricing deviates from forecasted pricing, the Otter Tail load zone will similarly deviate. The 2024 Otter Tail load zone forecast utilized the March 13, 2023, Indiana Hub forward price curve. The Indiana Hub and Otter Tail load zone curves, forecast vs actual, are shown in the below graph.



Actual 2024 Indiana Hub pricing was 67 percent of the March 13, 2023, forward Indiana Hub price forecast. Similarly, actual 2022 Otter Tail load zone pricing was 78 percent of the March 13, 2023, Otter Tail load zone price forecast. The decrease in LMPs is believed to be caused by a softening of the natural gas markets. Natural gas pricing decreased in 2024 as a result of increased storage levels and relatively stable markets.

The natural gas graph below demonstrates the correlation of gas and energy pricing, March 13, 2023, forecast versus 2024 actual Ventura Hub pricing, reflecting a similar cost shape as compared to the previous LMP graphs.



Like LMPs, 2024 natural gas prices were forecasted to be significantly higher than what actually occurred.

When comparing Otter Tail generation in 2023 against 2024, Otter Tail's natural gas fired generation experienced a net decrease. Astoria Station was up slightly, likely buoyed by lower natural gas fuel costs in 2024, while Solway saw a reduction largely driven by a 48-day outage for borescope inspection and repairs. Otter Tail coal generation ticked down slightly, likely a result of reduced LMP pricing in 2024 versus 2023. Hoot Lake solar completed is first full year of operation in 2024. Otter Tail wind resources and PPAs were down approximately 8.5% in 2024, impacted by derates and outages associated with repowering upgrades. The net effect was a moderate decrease in total Otter Tail generation from 2023 to 2024.

Correspondingly, lower LMP pricing resulted in increased market purchases. Economic market purchases are procured and priced daily at the Otter Tail load zone. Market purchases are detailed in line 164 on the "YTD 2024 Table B MWh" tab of Attachment 3.

Otter Tail also saw reduced, yet still very strong revenue from its Financial Transmission Rights (FTR) portfolio in 2024. As the northwestern region of MISO continues to see increasing penetration of renewable generation, combined with line outages and upgrades necessary to accommodate renewable generation expansion and interconnection, significant congestion continues to persist between Otter Tail base load units and the Otter Tail load zone. This is particularly true of Otter Tail's Big Stone Plant and Coyote Station, both of which are located within constrained transmission pockets. Otter Tail hourly FTR revenue is detailed on line 57 of the "YTD 2024 Table A \$" tab of Attachment 3. For the same reasons, Otter Tail continues to experience considerable system congestion costs, but the FTR portfolio revenue more than offsets these charges. Hourly congestion cost is detailed in lines 54 and 56 on the "YTD 2024 Table A \$" tab of Attachment 3. In 2024, SPP congestion between the SPP/MISO border and the OTP load within SPP (pseudo-tied back to MISO), resulted in a charge of ~\$77K. Energy injection at the MISO/SPP border resulted in congestion credits smaller than congestion charges

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associated with offsetting energy withdrawal at the load. SPP pseudo tie congestion charge/credit amounts are detailed on line 111 on the "YTD 2024 Table A \$" of Attachment 3.

SOUTHWEST POWER POOL (SPP) ENERGY MARKET RELATED COSTS ORDER IN DOCKET NO. E017/GR-15-1033

Actual:

Actual SPP charges for January through December 2024 is reflected in Attachment 11.

Background:

Otter Tail Power began incurring Southwest Power Pool (SPP) energy market charges on October 1, 2015, as a result of Western Area Power Administration (WAPA) joining SPP. Additional SPP market exposure was incurred as a result of the expiration of an integrated transmission agreement with Central Power Electric Cooperative effective January 1, 2016. SPP charges include day ahead and real time energy charges assessed by SPP, as well as other energy-market related charges.

Otter Tail Power has included forecast SPP day ahead and real time energy charges consistent with paragraph 2 of the Energy Adjustment Rider, Rate Schedule 13.01 (Attachment 4):

2. The forecasted energy cost of purchased power included in Account 555 when such energy is purchased on an economic dispatch basis, exclusive of Capacity or Demand charges.

In rate case Docket No. E017/GR-15-1033, the Commission approved Otter Tail Power's request to recover SPP market-related costs through the energy adjustment.

Effective with bills rendered on and after January 1, 2020, Otter Tail Power began to include forecasted SPP market related costs in the energy adjustment forecast, consistent with paragraph 4 of the Energy Adjustment Rider, Rate Schedule 13.01.

4. All forecasted Midwest ISO (MISO) and South Power Pool (SPP) costs and revenues associated with forecasted retail sales that have been authorized by the Commission to flow through this Energy Adjustment Rider and excluding MISO and SPP costs and revenues that are recoverable in base rates, as prescribed in applicable Commission Orders.

Further Information on Otter Tail Power Load in SPP

Otter Tail Power maintains load served within the SPP Balancing Authority (BA). Prior to WAPA joining SPP, Otter Tail Power would schedule energy out of the MISO system and into the WAPA system. This was an energy export out of MISO and therefore was charged under the MISO DA Non-Asset Energy Amount charge type. In response to WAPA joining the SPP market, Otter Tail Power determined it was in customers' best interest to pseudo tie that load in the SPP BA out of SPP and back into MISO. Pseudo tying load allows for MISO to serve and regulate load outside their BA as if it were inside their BA. As a result, this eliminated the need for a daily export of energy and the DA Non-Asset Energy charge for Otter Tail Power load in WAPA/SPP BA dropped to zero. WAPA still maintains some of its municipal and agency loads within MISO, which requires WAPA to inject energy into MISO for which Otter Tail Power receives credit. While these credits have always been included in prior MISO reporting, they are now much more visible as they are no longer netted against the charges associated with energy exports used to serve Otter Tail Power load in the WAPA/SPP BA.

MN DOC'S REVIEW OF 2005/2006 AAA REPORT DOCKET NO. E,G999/AA-06-1208

In the Minnesota Department of Commerce's Review of the 2005-2006 Annual Automatic Adjustment Report dated April 16, 2007, the DOC recommended:

On page 63, that the utilities comment on why utilities are using virtual transactions for retail and/or non-retail and the significance of virtual energy in the next AAA docket.

Otter Tail Power did not utilize virtual transactions on behalf of retail customers in 2024.

Background: Use of Virtual Transactions / Other Hedging Tools within MISO/SPP

Since the beginning of the MISO Day 2 Market, Otter Tail Power has very rarely utilized virtual transactions on behalf of retail customers. For retail load serving purposes, the Company may occasionally use virtual transactions to convert bilateral purchases between the day-ahead and real-time markets. For instance, some bilateral purchases are designed to settle in the real-time market while the Company clears its load in the day-ahead market. Therefore, a virtual transaction might be used to convert the real-time purchase to the day-ahead market so that the purchase more accurately hedges the Company's load.

Within SPP, where Otter Tail Power pseudo ties its load back into MISO, the Company is required to pay real time congestion and loss differences between its energy injection point into the SPP footprint (MISO/SPP boundary) and its energy withdrawal point (Otter Tail Power load within the SPP footprint). The Company is also entitled to request/nominate Auction Revenue Rights (ARRs) and Transmission Congestion Rights (TCRs) between those two points due to Otter Tail Power ownership of Network Integrated Transmission Service (NITS) to serve our load. If nominated, and granted, ARRs and TCRs would hedge against day-ahead congestion between the Otter Tail Power injection and withdrawal points. However, since Otter Tail Power's pseudo tie congestion charges are based on real time congestion, utilization of virtual transactions could potentially be used to move the real time congestion charges into the day ahead market. This may better align congestion costs with any Otter Tail Power TCRs, potentially producing a better hedging mechanism. To date Otter Tail Power has not utilized virtual transactions on behalf of its SPP retail load.

In accordance with the February 6, 2008 Order issued by the Commission, on page 9:

18. All electric utilities shall include in future annual automatic adjustment filings the actual expenses pertaining to maintenance of generation plants, with a comparison to the generation maintenance budget from the utility's most recent rate case.

Attachment 12 contains actual generation maintenance expenses for 2017 through 2024 and the 2021 test year budget from the most recent rate case. Total 2023

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maintenance expenses were \$20.1 million as compared to \$19.9 million for the 2021 rate case test year.

21. All electric utilities shall provide information requested by the Department in Docket E,G999/AA-07-1130 according to the spreadsheet attached to the 2007 Report pertaining to MISO Day 2 charges, one for every month in the AAA period and as a summary of MISO Day 2 charges for the entire AAA period, for a total of 13 pages in each utility's AAA filing.

See Attachment 9 and Attachment 10.

MN PUC ORDER ACTING ON ELECTRIC UTILITIES' ANNUAL REPORTS AND REQUIRING ADDITIONAL FILINGS DOCKET NOS. E999/AA-09-961 and E999/AA-10-884

In the Minnesota Public Utilities Commission's April 6, 2012 Order, the following was ordered for Otter Tail Power Company:

8. Interstate, Minnesota Power, Otter Tail, and Xcel shall report in future AAA filings any offsetting revenues or compensation recovered by the utilities as a result of contracts, investments, or expenditures paid for by their ratepayers. If any offsetting revenues and/or compensation are not credited back to a utility's ratepayers through the fuel clause, the IOUs shall clearly identify such revenues or compensation by source and amount and fully justify their action in the relevant AAA filings.

Otter Tail does not have any offsetting revenues for contracts that are not passed back through the Energy Adjustment Rider.

22. The Commission requests Interstate, Minnesota Power, Otter Tail, and Xcel to comment on sharing lessons learned regarding the handling of forced outages. The Commission also requests the companies to discuss amongst themselves whether and what kind of information sharing would be beneficial. The companies shall provide in supplemental filings to their fiscal-year 2011 AAA reports, in Docket No. E999/AA-11-792, and in future AAA reports, a simple annual identification of forced outages and a short discussion of how such outages could have been avoided or alleviated.

Otter Tail continues to utilize multiple forums and resources deemed most beneficial in gathering and sharing information relevant to the unique aspects of Otter Tail's generation fleet. In Reply Comments submitted by Otter Tail in Docket No. E999/AA-13-599, Otter Tail provided a list of resources (Conferences. Consultants/Vendors/Contractors, Publications, Trade Organizations) and **Attachment 1** of those Reply Comments, which Otter Tail and the other utilities within Minnesota take advantage of to address each utility's specific needs.

Additionally, Otter Tail noted the following points in those Reply Comments, which continue to hold true today:

As noted earlier, each utility's generation fleet is different. Otter Tail's base load generating fleet is small, transitioning from three plants to two plants in 2021:

Big Stone Plant, of which Otter Tail is a 53.9% co-owner; Coyote Plant, of which Otter Tail is a 35% co-owner;

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Hoot Lake Plant, of which Otter Tail was a 100% owner. Hoot Lake Plant was retired at the end of May 2021.

Otter Tail plant personnel participate in various user groups, training events, and conferences related to our steam-based generation units. Otter Tail believes that some of the most beneficial information sharing takes place at specific technology user groups often hosted by the original equipment manufacturers, for example, "B&W Cyclone Users Association or B&W Environmental Users Group." It is Otter Tail's experience that focusing on technologies that are specific to our generation units is the most productive use of time with regards to sharing best practices in operation and minimizing forced outages.

As noted above, Otter Tail is part owner of two co-owned generation facilities; the Big Stone Plant and the Coyote Plant (Otter Tail is also the Operating Agent for these plants). The co-owners at Big Stone and Coyote are also operators or part owners of other similar sized facilities. Regularly scheduled owner's meetings, as necessitated by these joint ownership arrangements, provides Otter Tail with the opportunity to gather additional information and gain perspectives from peers on forced outage rates and other plant operations issues that occur in the natural course of being part of jointly-owned generating units.

Otter Tail notes that there are occasions when discussions and information sharing does take place between Minnesota utilities. Recent examples include Otter Tail and Xcel Energy staff meeting at the July 2014 Boiler conference to discuss best cyclone boiler practices. In addition, Xcel Energy met with Otter Tail consultants regarding details of the company's 2015 outage work at Otter Tail's Big Stone plant and Xcel Energy recently visited Big Stone plant to discuss best boiler outage/reliability/combustion practices. When opportunities arise for information sharing, Otter Tail is willing take advantage of them.

Plant personnel also attend general conferences such as the local Energy Manager Associations, The Energy Progress & Innovation Conference (EPIC) in Bismarck, ND or the much larger Power-Gen conference. These conferences provide useful venues for gathering and sharing information but are generally not as informative as specific equipment users groups.

One additional source of information which Otter Tail finds beneficial is through Otter Tail's insurance provider. When issues occur at other plants which the insurance provider is involved, it is common for the provider to share information with other companies so that similar situations can be avoided or mitigated if possible.

In general, attendance or participation at relevant conferences, training, or users groups is more effective than information sharing between utilities that may be neighbors, but that do not have similar generation technologies and/or equipment.

Planned Outages

The table below reflects the planned outages that were scheduled at Big Stone Plant and Coyote Station in 2024 and incorporated into Otter Tail's 2024 forecast.

Forecast 2024 Planned Outages									
Line No.	Outage Start	Outage End	Plant	Duration &Type					
1	9/26/2024	10/19/2024	Big Stone Plant	23-day minor outage					
2	3/15/2024	3/17/2024	Coyote Station	3-Day Boiler Wash					
3	5/31/2024	6/6/2024	Coyote Station	7-Day Spring Outage					
4	9/16/2024	9/18/2024	Coyote Station	3-Day Boiler Wash					
5	12/13/2024	12/15/2024	Coyote Station	3-Day Boiler Wash					

Actual planned outages taken during 2024 were as follows:

	Actual 2024 Planned Outages								
Line No.	Outage Start	Outage End	Plant	Duration &Type					
1	9/26/2024	10/18/2024	Big Stone Plant	22-Day Minor Outage					
2	2/11/2024	2/16/2024	Coyote Station	5-Day Boiler Wash					
3	5/12/2024	5/21/2024	Coyote Station	9-Day Spring Outage					

Forced Outages

Otter Tail's generators experienced an aggregate of eleven forced outages in excess of 24 hours over the January through December 2024 period; two at the Big Stone Plant and nine at Coyote Station.

A summary of these forced outages for this reporting period can be found in **Attachment 13** (marked as NOT PUBLIC), providing a brief overview of the following aspects of each forced outage:

- a. Dates of Outage
- b. Primary Reason for Outage
- c. Duration of Outage
- d. Description of Equipment Failure
- e. Change in Energy Costs
- f. Steps Taken to Alleviate Reoccurrence

Of the eleven forced outages experienced during the reporting period, five of those outages were tube leaks, three due toother boiler issues, one due to air preheater, one due

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to failed valve, and one due to generator vibration. Otter Tail estimates that the aggregate cost of the replacement power for forced outages was **[PROTECTED DATA BEGINS** ... **PROTECTED DATA ENDS]**.

25. Otter Tail shall correctly report congestion and firm transmission rights costs and revenues (currently reflected in the Day-Ahead and Real-Time Energy sections of its AAA report) in the congestion and firm transmission rights sections of its report starting with a revised or supplemental filing for the fiscal-year 2011 report, in Docket No. E999/AA-11-792.

Otter Tail incurs congestion costs when moving energy from its resources (generators and purchased power agreements) to load. The combined DA and RT congestion costs incurred within MISO for the January through December 2024 period were (\$20,188,484) (system basis). To offset these congestion costs in MISO, the company is allocated Auction Revenue Rights (ARRs) which can subsequently be self-scheduled into Financial Transmission Rights (FTRs). For the AAA period, the total of the congestion offsets (MISO FTR Revenues) was \$46,986,293 (system basis) for a net MISO congestion revenue of \$26,797,809 (system basis).

Congestion within SPP resulted in a charge of \$77,217 for the period of January through December 2024.

Attachment 10 provides monthly and annual detail of all 2023 MISO Day 2 revenues and (expenses) which include the congestion amounts discussed above.

Attachment 11 provides monthly and annual detail of all 2023 SPP (revenues) and expenses which include the congestion amounts discussed above.

MN OES'S REVIEW OF 2006/2007 AAA REPORT DOCKET NO. E,G999/AA-07-1130

In the Minnesota Office of Energy Security's (OES) Review of the 2006-2007 Annual Automatic Adjustment Report dated June 30, 2008, the OES recommended that Otter Tail provide a more summarized approach in the next AAA, such as MISO Daily Settlement Summaries that tie out to Asset and Non-Asset Based Transactions.

Attachment 10 contains a monthly and year-to-date breakdown of MISO Day 2 Charges – System between Retail, Asset Based Wholesale, and Non-Asset Based Wholesale for 2024.

Attachment 3 contains monthly comparisons of forecast to actual amounts for MISO Day 2 charge types for 2024.

The OES also recommended Otter Tail address how the Auction Revenue Rights (ARR) process will be treated for retail and wholesale purposes and provide information regarding what ARRs if any a utility purchased, how much they paid, and what FTR revenues and costs were received to date for ARRs purchases.

Otter Tail has no activity to report for this item.

COMPLIANCE REPORT AS REQUIRED BY ORDER IN DOCKET NO. E017/M-03-970

On February 2, 2006, Otter Tail filed in Docket No. E017/M-03-970 to remove the sunset provision for recovery of the purchase of wind generated energy through the fuel clause under the Order issued January 13, 2005. On July 12, 2006, the Commission granted an extension of the recovery mechanism in place under the January 13, 2005 Order until a final Order is issued in this proceeding and directs the Company to revise its tariff as appropriate. On August 10, 2006, Otter Tail filed the Power Purchase Agreement (PPA) for approval in this proceeding pursuant to the July 12, 2006 Order. The Commission deferred the issue of Renewable Energy Obligation (REO) eligibility to the resource plan proceeding concerning Otter Tail, Docket No. E017/RP 05-968. The Commission also deferred other determinations until this docket returns to the Commission for PPA approval. On November 14, 2006, in Docket No. E017/M-03-970, the Commission approved Otter Tail's request with the following reporting requirements:

1. Additional language to the Cost of Energy Adjustment Clause.

See Attachment 4 – paragraph 3.

2. Credit ratepayers through the Fuel Adjustment Clause any compensation it receives from the MISO or any other transmission authority for calling an interruption of the energy generated by the Project during the period that Otter Tail Power Company is recovering curtailment provision costs from ratepayers.

There were no credits issued for reporting period of January to December 2024.

3. Track all curtailments and curtailment payments and report them in its monthly fuel clause adjustment and AAA filings.

Attachment 14 (marked as NOT PUBLIC) contains the curtailment costs incurred for the January through December 2024 time frame.

MN OES'S ORDER AUTHORIZING ONGOING USE OF FUEL CLAUSE ADJUSTMENT AND SETTING REPORTING REQUIREMENTS DOCKET NO. E001,015,002,017/M-08-528

In the Minnesota Public Utilities Commission's August 23, 2010, Order the MNPUC ordered:

5. The three utilities shall include costs and revenues from their participation in the MISO ancillary services market in future automatic adjustment reports filed under Minn. Rules, parts 7825.2390 et seq., including the annual filing required thereunder. They shall include costs/revenues through June 30, 2010 in the 2011 annual filings, which are due in September 2010; they shall include costs/revenues beginning July 1, 2010 in the 2012 annual filings, which are due in September 2011.

Attachment 16 summarizes the 17 ancillary services market (ASM) charge types by month for the true up period of January through December 2023.

8. In their annual summaries on the 12 MISO ancillary services charges the utilities shall use a format similar to that used by Minnesota Power in its Attachment 1 to its February 5, 2010 filing (4th quarter report) and shall work with the OES to develop a format that is acceptable.

See Attachment 16, Attachment 17, and Attachment 18.

9. In reporting daily ancillary services market activity and overall net savings created by participation in the ancillary services market, utilities shall use a format similar to that used by Xcel in Attachment A to its February 5, 2010 filing and shall work with the OES to develop a format that is acceptable.

Otter Tail does not have the software to perform a daily activity and savings report. Otter Tail is providing a monthly breakdown of charges (see Attachment 16 and Attachment 17).

10. The utilities' written narratives on the benefits of the ancillary services market and the market's impact on their systems shall be formatted consistent with Xcel's and Minnesota Power's 4th quarter report in this docket.

See Attachment 15.

11. The utilities shall file detailed and specific explanations for all Contingency Reserve Deployment Failure and Excess/Deficient Energy Charges incurred, including an explanation as to why they should be recovered and what actions the utility took to minimize these charges.

See Attachment 15.

MN PUC ORDER ACTING ON ELECTRIC UTILITIES' ANNUAL REPORTS AND REQUIRING ADDITIONAL FILINGS IN 2013/2014 (FYE14) ANNUAL AUTOMATIC ADJUSTMENT REPORTS - DOCKET NO. E999/AA-14-579

In the Minnesota Public Utilities Commission's June 2, 2016, Order, the following was ordered for Otter Tail Power Company and other electric utilities:

25) Accepts Otter Tail's MISO Day 2 reporting for FYE14. Requires Otter Tail to provide in future AAA filings information and narrative to explain why the selected option for Financial Transmission Rights and ARRs is better for rate payers than the alternative.

The Company's two largest generating stations (Big Stone and Coyote) have grandfathered transmission rights. These grandfathered transmission rights allow the company to choose between two different congestion hedging instruments on an annual, ARR market year basis; namely Option A and Option B.

Option A is the equivalent of holding an FTR between Otter Tail's generating stations and Otter Tail's load zone. Option A treatment is not dependent on accurately forecasting the clearing of day-ahead (DA) schedules from the generating stations.

Option B status allows the company to receive a refund of congestion costs incurred on the energy scheduled between generator and load. However, the MISO scheduling rules under Option B require that the companion, Option B, financial schedule, be less than or equal to the DA clearing from the unit. If the Option B financial schedule exceeds the DA, cleared, MWs from the unit, the hourly congestion hedge is lost.

Otter Tail chose to switch its grandfathered status from Option B to Option A beginning June 2013.

The transition from Option B to Option A was made due to increased volatility and difficulty in predicting DA, cleared, MW values from Otter Tail's Big Stone and Coyote generating stations and the resulting elimination of the rebate of congestion between the generation and the load for those hours, often during hours when the congestion hedge is needed the most.

Otter Tail preserves the right to change the grandfathered status on a yearly basis. This enables Otter Tail to revert back to Option B should system conditions change. The choice between Option A and Option B grandfathered rights treatment is reviewed on a yearly basis.

Since the volatility and difficulty in predicting the DA, cleared, MW values from Big Stone and Coyote generation units remain; Otter Tail continues to choose Option A treatment.

MINNESOTA PUBLIC UTILITIES COMMISSION (MNPUC) ORDER ACTING ON ELECTRIC UTILITIES' ANNUAL REPORTS AND SETTING FURTHER REQUIREMENTS DOCKET NO. E999/AA-08-995

In the Minnesota Public Utilities Commission's Order of March 15, 2010, the MNPUC ordered:

12. All electric utilities required to file annual automatic adjustment reports shall work with their contractors to identify and develop reasonable contingency plans to mitigate against the risk of delays or lack of performance when contractors perform poorly and increase costs during plant outages. The Commission asks the Office of Energy Security (OES) to continue monitoring this issue and to include a report on the electric utilities' plans in its next review.

While Otter Tail Power has not understood or construed Ordering Point 12 to create an annual reporting requirement within annual AAA dockets, Otter Tail Power takes contractor performance seriously and has processes and procedures in place to select its vendors and contractors and subsequently manage their work. A key step in mitigating delays is the selection of qualified contractors and ensuring that appropriate contractual terms are in place to address poor performance. This is combined with project management processes and procedures to hold contractors accountable. Otter Tail Power believes its current program serves Otter Tail Power's needs very well. A summary of Otter Tail Power's processes and procedures specifically related to Procurement, Contracting and Quality Assurance are listed below.

Procurement and Contracting

Standardized contracts are used as much as possible, with formal legal review required of all contracts over \$250,000 and for any contracts that have material changes to template language to key risk articles. Formal legal review is also required for certain contracts regardless of contract value. Request for proposals as part of a competitive bidding/selection process is the norm. Otter Tail Power believes that the use of competition in the contractor selection process helps Otter Tail Power achieve reasonable pricing and contractual terms.

Otter Tail Power strives to have appropriate contractual assurances in place for each transaction by using Otter Tail Power standardized base contracts. A required step in Otter Tail Power's contracting process is the development of a Contract Risk Assessment (CRA). The CRA is a worksheet listing the main risks in the particular transaction(s) the contractor is hired for, what sections of the contract the risk is covered, and a narrative describing how each particular risk is addressed in the contract. The CRA allows for an appropriate contract to be developed as the transaction is negotiated. The CRA documentation enhances the risk assessment of a project and is a useful tool for Otter Tail Power subject matter experts (SME), Sourcing, Legal, and Insurance personnel in developing risk mitigation strategies. The CRA helps ensure the SME is aware of the risks of the work being done by the contractor and how the risk is addressed in the contract. It also assists the SME in holding the contractor responsible.

Depending on the nature of the project additional financial assurances may be sought, including retainage, liquidated damages, performance guarantees, letters of credit, and bonds. For instance, retainage - the withholding of a portion of each invoice during a large construction project - is often an effective way to ensure performance. The leverage that retainage provides helps ensure Otter Tail Power's work remains a priority for the contractor, which is especially critical if there is an issue that requires immediate attention. Time-sensitive project contracts include a work schedule with milestone dates that are often linked to liquidated damages for delays, all of which helps Otter Tail Power hold contractors accountable.

The contract approval process ensures the contract is reviewed at the appropriate levels within Otter Tail Power. The CRA is included with the contract as the contract moves through various levels of organizational approvals. During this process risks and key terms are reviewed.

For major procurements on large construction projects, Otter Tail Power often holds internal pre-Request for Proposal and pre-contract execution meetings between the SME, Project Management, Sourcing, Legal and Insurance personnel. These meetings allow for robust discussion of project risks and ultimately help Otter Tail Power identify vendors well suited for the project and to negotiate contracts with appropriate terms protecting Otter Tail Power. Otter Tail Power also conducts contractor pre-bid meetings to answer any questions prospective contractors may have before submitting their bid and to discuss risk mitigation options.

Quality Assurance (QA) Quality Control (QC)/ Project Management

Each SME is responsible for reviewing the Scope of Work and monitoring the quality of the work of the contractor. The size and nature of the project will often dictate what resources are used to ensure quality work is completed. On large projects, Otter Tail Power uses a separate quality assurance SME and a quality assurance firm. For the smaller construction projects, Otter Tail Power uses the SME and possibly an outside firm. Formal quality assurance/quality control programs are developed for the larger projects, many times with the input of the contractor selected to complete the work. These plans are vetted by Otter Tail Power's engineering staff, outside quality assurance firms, and senior Otter Tail Power engineering management.

The scope of Project Management required depends on the size and complexity of the project / transaction. Otter Tail Power's larger projects require that a Risk Register is completed by the Project Manager. The Risk Register is a worksheet or table listing the risks associated with the respective project as a whole. These are items that, if they occur, may cause the project to be delayed, cost more than expected, or to be postponed altogether. Each risk is analyzed and an estimated cost as well approximate probability of occurring is listed. The Risk Register assists Project Management in proactively managing the project and increasing the quality of work performed by all involved, including contractors. If needed, items identified in the Risk Register are incorporated into the contractual terms of the contractor. There are other requirements, all of which assist in the project being well run and the respective contractors held accountable. Contract articles define the contractor's responsibilities for staying on schedule, working safely, and staying within the agreed upon price. Otter Tail Power also requires daily updates on work progress that are discussed in pre-scheduled meetings.

Given the size and nature of Otter Tail Power's business and the types of projects Otter Tail Power is involved in, the sourcing strategies and resources outlined above help Otter Tail Power to prudently scale and deploy resources as needed to effectively manage contractor performance and achieve desired performance outcomes.

Use of Risk Management Provisions

During 2024 annual reporting period, Otter Tail Power successfully used contract provisions to clearly define the requirements for the work to be performed, such as scopes of work, specifications and performance criteria which allowed Otter Tail Power to reduce risk and help reduce mitigation/resolution of any potential issues at no cost to Otter Tail Power. Defined timelines in milestone schedules with liquidated damages tied to specific milestone dates. Otter Tail Power utilized partial and full lien waivers to ensure all subcontractors to the primary are being paid which prevents any liens that could potentially be placed on the project. Otter Tail Power utilized retainage on several large projects to ensure that security is held until such time final acceptance was achieved. No specific events occurred in 2024 that required any actions for remedy of performance, or deliverables.

Appendix B Docket No. E017/AA-23-181 Rule 7825.2820 Independent Auditor's Report



Deloitte & Touche LLP 50 South 6th Street Suite 2800 Minneapolis, MN 55402-1538

Tel: +1 612 397 4000 Fax: +1 612 397 4450 www.deloitte.com

INDEPENDENT ACCOUNTANT'S REPORT

Otter Tail Power Company:

We have performed the procedures enumerated below related to Otter Tail Power Company's (the "Company") forecasted Energy Adjustment Charges filed on Docket No. E017/AA-23-181 with the Minnesota Public Utilities Commission (the "Commission") for the period from January 1, 2024 to December 31, 2024, in accordance with the Commission Rules 7825.2500 to 7825.2820 governing automatic adjustment of energy charges, along with the Energy Adjustment Rider, as defined in Docket No. E-999/CI-03-802 by order of the Commission ("the subject matter"). The Company's management is responsible for the subject matter.

Otter Tail Power Company has agreed to and acknowledged that the procedures performed are appropriate to meet the intended purpose of assisting the specified parties in evaluating compliance with the subject matter. The procedures performed are specified in Docket No. E-999/AA-15-611 by order of the Commission.

We make no representation regarding the appropriateness of the procedures either for the purpose for which our report has been requested or for any other purpose. Accordingly, this report may not be suitable for either the purpose of which this report has been requested or for any other purpose. The procedures performed may not address all the items of interest to a user of this report and may not meet the needs of all users of this report and, as such, users are responsible for determining whether the procedures performed are appropriate for their purposes.

Our procedures and findings are as follows:

- a. We compared a random sample of twelve invoices received from energy suppliers to the amount recorded and paid by the Company and found them to be in agreement.
- b. As the Company no longer includes Energy Adjustment Charges within base costs, comparing the base costs of power to the bases used by the Company in calculating the billing adjustment each month is no longer applicable.
- c. We recalculated the billing adjustment charge (credit) per kWh charged to customers for purchased power on a monthly basis for the year ended December 31, 2024, by customer class. We identified no exceptions between our recalculation and the Company's reported adjustment.
- d. We compared the revenues billed to customers for energy delivered for the year ended December 31, 2024 as included in the Company's energy adjustment calculation filing, to the total sales of electric energy per the Company's general ledger and found them to be in agreement.
- e. We randomly selected twelve individual billings across customer classes and recalculated the energy adjustment charge (credit). We compared the recalculated charge (credit) per the customer bill to the energy adjustment charge (credit) as reported by the Company for that customer class in the energy adjustment calculation filing and found them to be in agreement.
- f. We inquired of the Company's management whether any corrections to energy adjustment charges or other billing errors occurred during the period. The Company's management stated

- that they did not identify any corrections to energy adjustment charges or other billing errors for the period January 1, 2024 through December 31, 2024.
- g. We reconciled total revenue and cost of power from the energy adjustment calculation filing to the Company's general ledger for the year ended December 31, 2024 and found them to be in agreement.
- h. We recalculated the true-up calculation for the year ended December 31, 2024 included within the energy adjustment calculation filing, and traced the related revenue and expense amounts to the Company's general ledger and found them to be in agreement.

We were engaged by the Company to perform this agreed-upon procedures engagement and conducted our engagement in accordance with attestation standards established by the American Institute of Certified Public Accountants. We were not engaged to and did not conduct an examination or review engagement, the objective of which would be the expression of an opinion or conclusion, respectively, on the subject matter. Accordingly, we do not express such an opinion or conclusion. Had we performed additional procedures, other matters might have come to our attention that would have been reported to you.

We are required to be independent of the Company and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements related to our agreed-upon procedures engagement.

This report is intended solely for the information and use of the Company and the Commission, and is not intended to be, and should not be, used by anyone other than these specified parties.

Deloite & Tache LLP

February 28, 2025

Appendix C Docket No. E017/AA-23-181 Rule 7825.2830 Notice of Report Availability

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

February 28, 2025



Notice of Availability of Reports

To: All Intervenors in Otter Tail Power Company Retail Rate Proceedings Docket No. E017/GR-15-1033 Docket No. E017/GR-20-719

The Minnesota Public Utilities Commission (Commission) requires Otter Tail Power Company and other Minnesota public utilities to file various annual reports concerning utility operations with the Commission as specified in Minn. R. 7825.2800 to 7825.2830 and as amended by the Commission at its April 25, 2019 meeting. The subject matter of the reports filed includes the following:

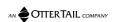
- Minn. R. 7825.2810 Automatic Adjustment Charges
- Minn. R. 7825.2820 Annual Independent Auditors' Report
- Minn. R .7825.2840 Notice of Reports Availability, Certificate of Service, and Service Lists

Also included in this Filing are the additional fuel clause related reporting requirements under various Commission Orders and as approved by the Commission at its April 25, 2019 agenda meeting.

Minn. R. 7825.2840 requires Otter Tail Power Company to provide this notice of availability of such reports to all intervenors in the previous two general rate cases. The above report is available for public inspection at the MPUC offices or on the Minnesota Department of Commerce edockets website (https://www.edockets.state.mn.us/efiling). Copies of the above reports are also available upon written request to Otter Tail Power Company. Please note that certain information contained in these reports is considered trade secret and is unavailable to the public.

Sincerely,

/s/ AMBER STALBOERGER Amber Stalboerger Manager, Regulatory Analysis



CERTIFICATE OF SERVICE

RE: In the Matter of Otter Tail Power Company's Petition for Approval of the Annual True-Up for its Energy Adjustment Rider, Rate Schedule 13.01

Docket No. E017/AA-23-181

I, Valerie Moxness, hereby certify that I have this day served a copy of the following, or a summary thereof, on Will Seuffert and Sharon Ferguson by e-filing, and to all other persons on the attached service list by electronic service or by First Class Mail.

Otter Tail Power Company Initial Filing

Dated this 28th day of February 2025.

/s/ VALERIE MOXNESS

Valerie Moxness Regulatory Filing Coordinator Otter Tail Power Company 215 South Cascade Street Fergus Falls MN 56537 (218) 739-8346

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
1	Mariah	Bevins	maria.bevins@whiteearth-nsn.gov	White Earth Reservation Business Committee		PO Box 418 White Earth MN, 56591 United States	Electronic Service		No	23- 181AA- 23-181
2	Tom	Boyko	tboyko@eastriver.coop	East River Electric Power Coop.		211 S. Harth Ave Madison SD, 57042 United States	Electronic Service		No	23- 181AA- 23-181
3	Chris	Byrnes	cbyrnes@otpco.com	Otter Tail Power Company		215 South Cascade Street Fergus Falls MN, 56538- 0496 United States	Electronic Service		No	23- 181AA- 23-181
4	Ray	Choquette	rchoquette@agp.com	Ag Processing Inc.		12700 West Dodge Road PO Box 2047 Omaha NE, 68103-2047 United States	Electronic Service		No	23- 181AA- 23-181
5	Generic	Commerce Attorneys	commerce.attorneys@ag.state.mn.us		Office of the Attorney General - Department of Commerce	445 Minnesota Street Suite 1400 St. Paul MN, 55101 United States	Electronic Service		Yes	23- 181AA- 23-181
6	Jason	Decker	jason.decker@llojibwe.net	Leech Lake Band of Ojibwe		190 Sailstar Drive NW Cass Lake MN, 56633 United States	Electronic Service		No	23- 181AA- 23-181
7	Richard	Dornfeld	richard.dornfeld@ag.state.mn.us		Office of the Attorney General - Department of Commerce	Minnesota Attorney General's Office 445 Minnesota Street, Suite 1800 Saint Paul MN, 55101 United States	Electronic Service		No	23- 181AA- 23-181
8	Charles	Drayton	charles.drayton@enbridge.com	Enbridge Energy Company, Inc.		7701 France Ave S Ste 600 Edina MN, 55435 United States	Electronic Service		No	23- 181AA- 23-181
9	Remi	Engbers	remi.engbers@woodsfuller.com	Woods, Fuller, Shultz & Smith P.C.		300 S Phillips Ave Ste 300 PO Box 5027 Sioux Falls SD, 57117- 5027 United States	Electronic Service		No	23- 181AA- 23-181
10	Kelly C.	Engebretson	kelly.engebretson@lawmoss.com	Moss & Barnett		150 S. 5th St #1200 Minneapolis MN, 55402 United States	Electronic Service		No	23- 181AA- 23-181
11	Michael	Fairbanks	michael.fairbanks@whiteearth-nsn.gov	White Earth Reservation Business Committee		PO Box 418 White Earth MN, 56591 United States	Electronic Service		No	23- 181AA- 23-181
12	Sharon	Ferguson	sharon.ferguson@state.mn.us		Department of Commerce	85 7th Place E Ste 280 Saint Paul MN, 55101- 2198 United States	Electronic Service		No	23- 181AA- 23-181
13	Jessica	Fyhrie	jfyhrie@otpco.com	Otter Tail Power		PO Box 496 Fergus Falls	Electronic Service		Yes	23- 181AA-

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	
				Company		MN, 56538- 0496 United States				23-181
14	Edward	Garvey	garveyed@aol.com	Residence		32 Lawton St Saint Paul MN, 55102 United States	Electronic Service		No	23- 181AA- 23-181
15	Adam	Heinen	aheinen@dakotaelectric.com	Dakota Electric Association		4300 220th St W Farmington MN, 55024 United States	Electronic Service		No	23- 181AA- 23-181
16	Annete	Henkel	mui@mnutilityinvestors.org	Minnesota Utility Investors		413 Wacouta Street #230 St.Paul MN, 55101 United States	Electronic Service		No	23- 181AA- 23-181
17	Kristin	Henry	kristin.henry@sierraclub.org	Sierra Club		2101 Webster St Ste 1300 Oakland CA, 94612 United States	Electronic Service		No	23- 181AA- 23-181
18	Katherine	Hinderlie	katherine.hinderlie@ag.state.mn.us		Office of the Attorney General - Residential Utilities Division	445 Minnesota St Suite 1400 St. Paul MN, 55101-2134 United States	Electronic Service		No	23- 181AA- 23-181
19	Faron	Jackson, Sr.	faron.jackson@llojibwe.net			190 Sailstar Drive NW Cass Lake MN, 56633 United States	Electronic Service		No	23- 181AA- 23-181
20	Richard	Johnson	rick.johnson@lawmoss.com	Moss & Barnett		150 S. 5th Street Suite 1200 Minneapolis MN, 55402 United States	Electronic Service		No	23- 181AA- 23-181
21	Nick	Kaneski	nick.kaneski@enbridge.com	Enbridge Energy Company, Inc.		11 East Superior St Ste 125 Duluth MN, 55802 United States	Electronic Service		No	23- 181AA- 23-181
22	Michael	Krikava	mkrikava@taftlaw.com	Taft Stettinius & Hollister LLP		2200 IDS Center 80 S 8th St Minneapolis MN, 55402 United States	Electronic Service		No	23- 181AA- 23-181
23	Bill	Lachowitzer	blachowitzer@ibewlocal949.org	IBEW Local Union 949		12908 Nicollet Ave S Burnsville MN, 55337- 3527 United States	Electronic Service		No	23- 181AA- 23-181
24	James D.	Larson	james.larson@avantenergy.com	Avant Energy Services		220 S 6th St Ste 1300 Minneapolis MN, 55402 United States	Electronic Service		No	23- 181AA- 23-181
25	Eric	Lipman	eric.lipman@state.mn.us		Office of Administrative Hearings	PO Box 64620 St. Paul MN, 55164-0620 United States	Electronic Service		No	23- 181AA- 23-181
26	Kavita	Maini	kmaini@wi.rr.com	KM Energy Consulting, LLC		961 N Lost Woods Rd Oconomowoc WI, 53066 United States	Electronic Service		No	23- 181AA- 23-181

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27	Tim	Miller	tim.miller@mrenergy.com	Missouri River Energy Services		3724 W Avera Dr PO Box 88920 Sioux Falls SD, 57109- 8920 United States	Electronic Service		No	23- 181AA- 23-181
28	Andrew	Moratzka	andrew.moratzka@stoel.com	Stoel Rives LLP		33 South Sixth St Ste 4200 Minneapolis MN, 55402 United States	Electronic Service		No	23- 181AA- 23-181
29	Matthew	Olsen	molsen@otpco.com	Otter Tail Power Company		215 South Cascade Street Fergus Falls MN, 56537 United States	Electronic Service		No	23- 181AA- 23-181
30	Marcia	Podratz	mpodratz@mnpower.com	Minnesota Power		30 W Superior S Duluth MN, 55802 United States	Electronic Service		No	23- 181AA- 23-181
31	David G.	Prazak	dprazak@otpco.com	Otter Tail Power Company		P.O. Box 496 215 South Cascade Street Fergus Falls MN, 56538- 0496 United States	Electronic Service		No	23- 181AA- 23-181
32	Rate Case Inbox	Rate Case Inbox	mnratecase@otpco.com	Otter Tail		null null, null United States	Electronic Service		No	23- 181AA- 23-181
33	Generic Notice	Regulatory	regulatory_filing_coordinators@otpco.com	Otter Tail Power Company		215 S. Cascade Street Fergus Falls MN, 56537 United States	Electronic Service		Yes	23- 181AA- 23-181
34	Generic Notice	Residential Utilities Division	residential.utilities@ag.state.mn.us		Office of the Attorney General - Residential Utilities Division	1400 BRM Tower 445 Minnesota St St. Paul MN, 55101-2131 United States	Electronic Service		Yes	23- 181AA- 23-181
35	Peter	Scholtz	peter.scholtz@ag.state.mn.us		Office of the Attorney General - Residential Utilities Division	Suite 1400 445 Minnesota Street St. Paul MN, 55101-2131 United States	Electronic Service		No	23- 181AA- 23-181
36	Robert H.	Schulte	rhs@schulteassociates.com	Schulte Associates LLC		1742 Patriot Rd Northfield MN, 55057 United States	Electronic Service		No	23- 181AA- 23-181
37	Will	Seuffert	will.seuffert@state.mn.us		Public Utilities Commission	121 7th PI E Ste 350 Saint Paul MN, 55101 United States	Electronic Service		Yes	23- 181AA- 23-181
38	Janet	Shaddix Elling	jshaddix@janetshaddix.com	Shaddix And Associates		7400 Lyndale Ave S Ste 190 Richfield MN, 55423 United States	Electronic Service		No	23- 181AA- 23-181
39	Cary	Stephenson	cstephenson@otpco.com	Otter Tail Power Company		215 South Cascade Street	Electronic Service		Yes	23- 181AA- 23-181

#	First Name	Last Name	Email	Organization Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
					Fergus Falls MN, 56537 United States				
40	William	Taylor	bill.taylor@taylorlawsd.com	Taylor Law Firm	4820 E. 57th Street Suite B Sioux Falls SD, 57108 United States	Electronic Service		No	23- 181AA- 23-181
41	Stuart	Tommerdahl	stommerdahl@otpco.com	Otter Tail Power Company	215 S Cascade St PO Box 496 Fergus Falls MN, 56537 United States	Electronic Service		Yes	23- 181AA- 23-181
42	Pat	Treseler	pat.jcplaw@comcast.net	Paulson Law Office LTD	4445 W 77th Street Suite 224 Edina MN, 55435 United States	Electronic Service		No	23- 181AA- 23-181
43	Laurie	Williams	laurie.williams@sierraclub.org	Sierra Club	Environmental Law Program 1536 Wynkoop St Ste 200 Denver CO, 80202 United States	Electronic Service		No	23- 181AA- 23-181
44	Laurie	York	laurie.york@whiteearth-nsn.gov	White Earth Reservation Business Committee	PO Box 418 White Earth MN, 56591 United States	Electronic Service		No	23- 181AA- 23-181
45	Patrick	Zomer	pat.zomer@lawmoss.com	Moss & Barnett PA	150 S 5th St #1200 Minneapolis MN, 55402 United States	Electronic Service		No	23- 181AA- 23-181