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February 28, 2025

Will Seuffert  
Executive Secretary  
Minnesota Public Utilities Commission  
121 7<sup>th</sup> 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@otpc.com](mailto:agrenier@otpc.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 over-collection of \$21,338,318 for the 2024 recovery year before incorporating the impact of two supplemental filings<sup>1</sup> 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.<sup>2</sup>

The final balance of over-recovery for 2022 FCA True-Up is \$497,485, which ended on August 31, 2024.<sup>3</sup> The final balance from 2023 July Supplemental filing,<sup>4</sup> which ended recovery on August 31, 2024, is (\$550,939). The balance of the 2023 FCA True-Up<sup>5</sup> 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.

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

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

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

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

<sup>5</sup> 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@otpc.com](mailto:ldonofrio@otpc.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  
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**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  
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## **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 net 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)**

	<b>Actual</b>	<b>Forecast</b>	<b>Variance</b>	<b>Variance %</b>
Average Cost Per MWh	<b>\$18.860</b>	<b>\$26.099</b>	<b>(\$7.239)</b>	<b>(27.74%)</b>
MWh Sales Subject to COE	5,658,135	5,750,224	(92,089)	1.60%
<b>Total Cost (Fuel &amp; Purchased Power)</b>	<b>\$106,714,012</b>	<b>\$150,076,693</b>	<b>(\$43,362,681)</b>	<b>(28.89%)</b>
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)**

<b>Month</b>	<b>Actual</b>	<b>Forecast</b>	<b>Variance</b>
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)
<b>Total</b>	<b>\$107,518,207</b>	<b>\$150,076,693</b>	<b>(\$42,558,486)</b>

#### **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 percent<sup>6</sup> 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:

<sup>6</sup> 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**

<b>Month</b>	<b>Actual</b>	<b>Forecast<sup>7</sup></b>	<b>Variance</b>
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)
<b>Total</b>	<b>5,658,134,533</b>	<b>5,750,224,431</b>	<b>(92,089,898)</b>

#### **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.

<sup>7</sup> 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)**

<b>Month</b>	<b>Actual</b>	<b>Initial Forecast<sup>8</sup></b>	<b>Variance</b>
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.

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

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

<b>Month</b>	<b>Actual</b>	<b>Revised Rates<sup>9</sup></b>	<b>Variance</b>
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 Approved Rates to Revised Rates Comparison**

<b>Month</b>	<b>Approved Rates<sup>10</sup></b>	<b>Revised Rates<sup>11</sup></b>	<b>Variance</b>
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)

<sup>9</sup> Otter Tail Power's Supplement Filing, May 30, 2024 in Docket No. E017/AA-23-181.

<sup>10</sup> 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.

<sup>11</sup> 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.

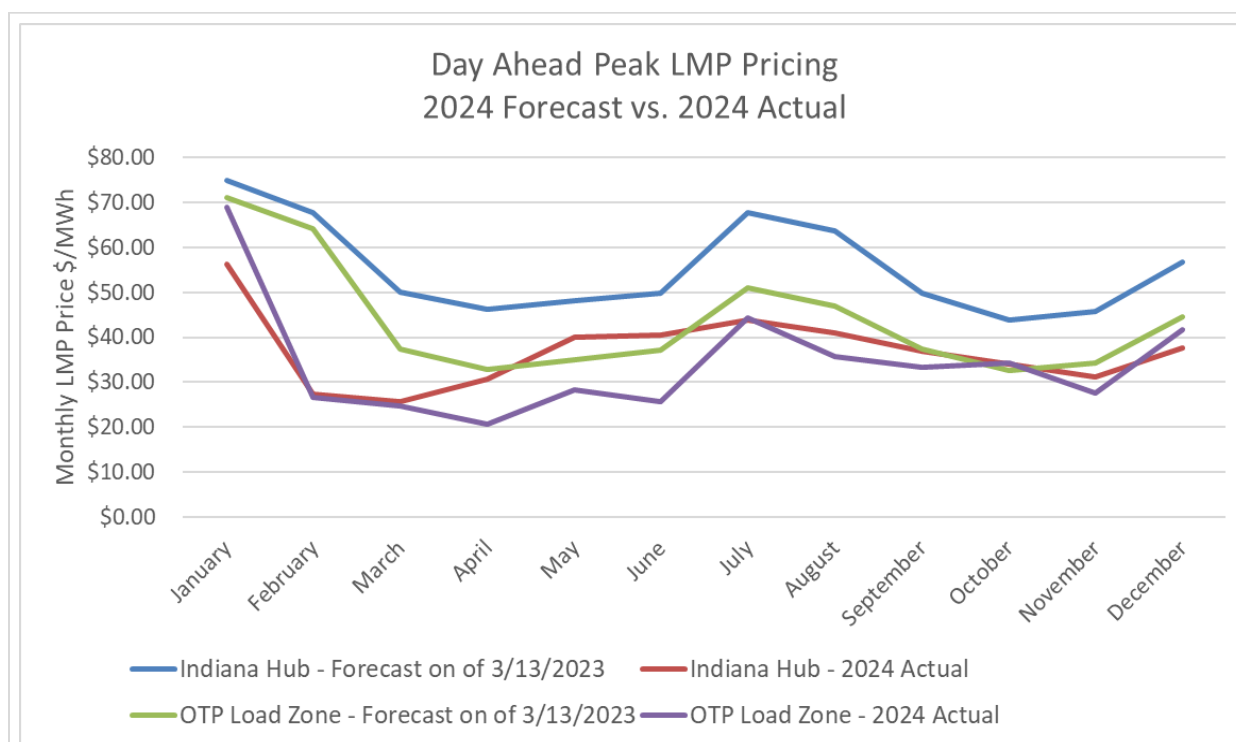
**2. LMPs**

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)**

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

### 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)**

	<b>Actual MWhs</b>	<b>Forecast MWhs</b>	<b>Variance</b>	<b>Variance %</b>
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%
<b>Total Wind</b>	<b>1,037,092</b>	<b>1,221,220</b>	<b>(184,128)</b>	<b>(15.08%)</b>

## 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)**

	<b>Actual</b>	<b>Forecast</b>	<b>Variance</b>	<b>Variance %</b>
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%
<b>Total Purchases - MWhs</b>	<b>2,833,445</b>	<b>2,606,498</b>	<b>226,947</b>	<b>8.71%</b>
<b>Total Purchases - Cost</b>	<b>\$80,480,504</b>	<b>\$98,478,855</b>	<b>(\$17,998,351)</b>	<b>(18.28%)</b>
<b>Average Cost per MWh</b>	<b>\$28.40</b>	<b>\$37.78</b>	<b>(\$9.38)</b>	<b>(24.82%)</b>

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 SPP<sup>12</sup> energy markets.

<sup>12</sup> 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)**

	<b>Actual</b>	<b>Forecast</b>	<b>Variance</b>	<b>Variance %</b>
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%)
<b>Total Market Charges</b>	<b>(\$26,738,232)</b>	<b>(\$780,781)</b>	<b>(\$25,957,451)</b>	<b>(3,324.6%)</b>

## **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)**

	<b>Actual</b>	<b>Forecast</b>	<b>Variance</b>	<b>Variance %</b>
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%
<b>Total Asset Based Sales</b>	<b>(\$4,928,285)</b>	<b>(\$5,445,446)</b>	<b>\$517,161</b>	<b>(9.5%)</b>

#### **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 be found 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**

<b>Line</b>	<b>Item</b>	<b>Amount</b>
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	<b>\$21,338,318</b>
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	<b>Current Projected Over/(Under) to Customers</b>	<b>(\$774,941)</b>

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 0.001¢) 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 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**

By: /s/ AMBER GRENIER

Amber Grenier

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OTTER TAIL POWER COMPANY  
FUEL CLAUSE ADJUSTMENT FORECAST PETITION ATTACHMENTS

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



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
3	MN kWh Sales Subject to Energy Adjustment 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
4	2024 MN FCA Revenue (Line 14 - Line 13 - Line 11 -Line 9 - 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
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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
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23														
24														
25														
26														
27														
28														
29	% Over/(Under) Recovery (10 / 3):			-1.5109%										
30	% of MN sales (subject to FCA) to system (Line 1 / Line 3):			48.0642%										
31	Energy costs allocated to MN for sales subject to FCA (2):			\$51,291,196										
	2022 FCA Forecast / True Up (Docket No E017/AA-21-311)													
32	Approved True-up Amount - over/(under) collection:					\$	(9,411,883)							
33	Amount collected / (refunded) Augus 2023 through December 2023:					\$	3,222,779	Rate = \$0.003600						
34	Amount collected / (refunded) January 2024 through August 2024:			1,857,385,635 kWh		\$	6,686,588							
35	Final Balance - over/(under) collection:					(4) \$	497,485							
	2023 FCA Forecast / Supplemental (Docket No E017/AA-22-214)													
36	Approved Supplemental - over/(under) collection:					\$	8,463,833							
37	Amount collected / (refunded) Augus 2023 through December 2023:					\$	(2,931,834)	Rate = (\$0.003275)						
38	Amount collected / (refunded) January 2024 through August 2024:			1,857,385,635 kWh		\$	(6,082,938)							
39	Supplemental Balance - over/(under) collection:					(5) \$	(550,939)							
	2023 FCA Forecast /True Up (Docket No E017/AA-22-214)													
40	Approved True-Up Amount - over/(under) collection:					\$	5,202,634							
41	Amount collected/ (refunded) September 2024 through December 2024:			862,149,311		\$	(1,724,299)	Rate = (\$0.002000)						
42	Forecasted Amount collected/(refunded) January 2025 through August 2025:			1,797,071,670 kWh		\$	(3,594,143)							

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)
Line No.		FORECASTED COSTS													Year End Total
		January-24	February-24	March-24	April-24	May-24	June-24	July-24	August-24	September-24	October-24	November-24	December-24		
1	Plant Generation	\$ 10,225,676	\$ 6,720,504	\$ 4,060,823	\$ 3,192,326	\$ 3,624,718	\$ 3,707,100	\$ 6,772,750	\$ 6,840,569	\$ 3,193,336	\$ 2,395,530	\$ 3,557,969	\$ 6,037,181	\$ 60,328,482	
2	Wholesale Market Charges	\$ (335,855)	\$ (19,728)	\$ (28,469)	\$ 4,925	\$ 10,702	\$ (201,621)	\$ (43,429)	\$ (113,752)	\$ (54,549)	\$ (13,807)	\$ 10,101	\$ 4,700	\$ (780,782)	
3	Purchased Power	\$ 10,846,325	\$ 12,117,772	\$ 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	\$ 10,859,327	\$ 98,478,855	
4	Wind Curtailment	\$ (6,830)	\$ (1,210)	\$ (281)	\$ 19,182	\$ (4,824)	\$ 54,958	\$ 21,708	\$ (11,871)	\$ (608)	\$ 32,929	\$ 8,135	\$ 8,081	\$ 119,370	
5	Fuel costs of Asset-Based Sales	\$ (1,142,004)	\$ (247,103)	\$ (3,756)	\$ (24,093)	\$ (197,013)	\$ (198,402)	\$ (283,006)	\$ (249,192)	\$ (73,758)	\$ -	\$ -	\$ (74,240)	\$ (2,492,567)	
6	MISO ASM	\$ 5,547	\$ (26,835)	\$ (26,384)	\$ (35,362)	\$ (35,020)	\$ (98,850)	\$ (103,117)	\$ (42,455)	\$ (74,633)	\$ 10,949	\$ 16,160	\$ 81,037	\$ (328,963)	
7	Asset-Based Margins	\$ (1,254,157)	\$ (288,648)	\$ (1,061)	\$ (29,478)	\$ (266,593)	\$ (245,238)	\$ (368,972)	\$ (333,673)	\$ (79,840)	\$ -	\$ -	\$ (85,219)	\$ (2,952,879)	
8	Host Lake Solar Generation Credit	\$ (163,296)	\$ (330,169)	\$ (336,039)	\$ (339,658)	\$ (355,973)	\$ (366,972)	\$ (504,407)	\$ (389,885)	\$ (297,029)	\$ (190,142)	\$ (125,672)	\$ (116,241)	\$ (3,515,483)	
9	Steam Plant Reagents	\$ 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	\$ (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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
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	Approved Forecast Cost per kWh	\$ 0.031980	\$ 0.034320	\$ 0.025700	\$ 0.022490	\$ 0.022000	\$ 0.022240	\$ 0.024660	\$ 0.023670	\$ 0.023550	\$ 0.022500	\$ 0.025750	\$ 0.029790	\$ 0.026099	
19															
20	2022 True-up Rate	\$ 0.003600	\$ 0.003600	\$ 0.003600	\$ 0.003600	\$ 0.003600	\$ 0.003600	\$ 0.003600	\$ 0.003600	\$ -	\$ -	\$ -	\$ -		
21	2023 Provisional Refund Rate	\$ (0.003275)	\$ (0.003275)	\$ (0.003275)	\$ (0.003275)	\$ (0.003275)	\$ (0.003275)	\$ (0.003275)	\$ (0.003275)	\$ (0.003275)	\$ -	\$ -	\$ -		
22	2023 True-up Rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (0.002000)	\$ (0.002000)	\$ (0.002000)	\$ (0.002000)		
23	2024 Provisional Refund Rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (0.009120)	\$ (0.009120)	\$ (0.009120)	\$ (0.009120)	\$ (0.009120)	\$ (0.009120)		
24															
25	EAR Rate With Approved True Up and Refunds	\$ 0.032305	\$ 0.034645	\$ 0.026025	\$ 0.022815	\$ 0.022325	\$ 0.022565	\$ 0.015865	\$ 0.014875	\$ 0.012430	\$ 0.011380	\$ 0.014630	\$ 0.018670		

		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
Line No.		ACTUAL COSTS													Year End Total
		January-24	February-24	March-24	April-24	May-24	June-24	July-24	August-24	September-24	October-24	November-24	December-24		
1	Plant Generation	\$ 8,496,459	\$ 4,687,284	\$ 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	\$ 60,945,165	
2	Wholesale Market Charges	\$ (274,820)	\$ (1,354,889)	\$ (2,461,711)	\$ (3,238,419)	\$ (2,051,005)	\$ (2,386,660)	\$ (4,941,010)	\$ (414,495)	\$ (3,232,442)	\$ (4,192,248)	\$ (2,519,222)	\$ 433,503	\$ (26,633,418)	
3	Purchased Power	\$ 11,694,672	\$ 8,939,293	\$ 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	\$ 79,571,493	
4	Wind Curtailment	\$ 11,396	\$ (3,328)	\$ 11,369	\$ 432	\$ 33,857	\$ 25,705	\$ 17,237	\$ (18,206)	\$ 11,240	\$ 69,779	\$ (8,732)	\$ 28,432	\$ 179,181	
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)	\$ (2,159,288)	
6	MISO ASM	\$ (214,381)	\$ (35,020)	\$ (40,767)	\$ (122,297)	\$ (120,294)	\$ (132,045)	\$ (114,587)	\$ (102,999)	\$ (255,541)	\$ (29,766)	\$ (80,683)	\$ (152,627)	\$ (1,401,005)	
7	Asset Based Margins	\$ (132,067)	\$ (465,468)	\$ (138,507)	\$ 142,351	\$ (126,365)	\$ (151,115)	\$ (557,132)	\$ (317,361)	\$ (203,080)	\$ (123,961)	\$ (66,766)	\$ (629,525)	\$ (2,768,998)	
8	Hoot Lake Solar Generation Credit	\$ (79,233)	\$ (123,192)	\$ (147,456)	\$ (313,019)	\$ (177,957)	\$ (206,340)	\$ (430,639)	\$ (284,937)	\$ (308,340)	\$ (225,744)	\$ (77,234)	\$ (62,788)	\$ (2,436,877)	
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	\$ 2,935,909	
10	Steam and Water Sales: Net Margin	\$ (114,292)	\$ (91,307)	\$ (93,315)	\$ (64,371)	\$ (81,777)	\$ (93,041)	\$ (90,919)	\$ (91,791)	\$ (84,241)	\$ (54,314)	\$ (82,564)	\$ (104,812)	\$ (1,046,742)	
11	MISO Planning Resource Auction Results	\$ (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)	
12															
13	Fuel Costs and Purchase Power for System Use	\$ 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	
14															
15															
16	Energy for System Use (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	
17															
18	2022 True-up Rate	\$ 0.003600	\$ 0.003600	\$ 0.003600	\$ 0.003600	\$ 0.003600	\$ 0.003600	\$ 0.003600	\$ 0.003600	\$ -	\$ -	\$ -	\$ -		
19	2023 Provisional Refund Rate	\$ (0.003275)	\$ (0.003275)	\$ (0.003275)	\$ (0.003275)	\$ (0.003275)	\$ (0.003275)	\$ (0.003275)	\$ (0.003275)	\$ -	\$ -	\$ -	\$ -		
20	2023 True-up Rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (0.002000)	\$ (0.002000)	\$ (0.002000)	\$ (0.002000)		
21	2024 Provisional Refund Rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (0.009120)	\$ (0.009120)	\$ (0.009120)	\$ (0.009120)	\$ (0.009120)	\$ (0.009120)		
22	Actual Cost per kWh	\$ 0.032304	\$ 0.034647	\$ 0.026023	\$ 0.022813	\$ 0.022324	\$ 0.022563	\$ 0.015865	\$ 0.014875	\$ 0.012430	\$ 0.011380	\$ 0.014630	\$ 0.018670	\$ 0.018860	

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

January 2024 Forecast to Actual - Expense (Revenue)						
Line	Plant Generation	January 2024 Forecast	January 2024 Actual			Notes
1	Big Stone	[PROTECTED DATA BEGINS...]				
2	Coyote					
3	Hoot Lake #2					Hoot Lake plant closed in May 2021
4	Hoot Lake #3					
5						
6		Total Coal	\$ 5,384,923	\$ 5,081,961	\$ (302,962)	-5.63%
7		[PROTECTED DATA BEGINS...]				
8	Langdon Wind					
9	Ashtabula Wind					
10	Luverne Wind					
11	Merricourt					
12						
13		Total Wind	\$ -	\$ -	\$ -	0
14						
15		Total Hydro	\$ -	\$ -	\$ -	0
16		[PROTECTED DATA BEGINS...]				
17	Jamestown 1					
18	Jamestown 2					
19	Lake Preston					
20						
21		Total Oil - Peaking Units	\$ 363,598	\$ 22,379	\$ (341,219)	-93.85%
22		[PROTECTED DATA BEGINS...]				
23	Natural gas - Solway					
24	Natural gas - Astoria					
25						
26		Total Natural Gas	\$ 4,477,155	\$ 3,392,118	\$ (1,085,037)	-24.23%
27		[PROTECTED DATA BEGINS...]				
28	Solar - Blue Jay					
29	Solar - Blue Heron					
30	Solar - Hoot Lake					
31						
32		Total Solar	\$ -	\$ -	\$ -	0
33						
34		Total OTP-Owned	\$ 10,225,676	\$ 8,496,458	\$ (1,729,218)	-16.91%
35						
36						
37		[PROTECTED DATA BEGINS...]				
38	555.02 DA Asset Energy Amount***	\$ -	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
39	555.04 DA FBT Loss Amount	\$ -	\$ -	\$ -	\$ -	0
40	555.09 DA Non-asset Energy Amount***	\$ -	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
41	555.19 RT Asset Energy Amount***	\$ -	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
42	555.24 RT Distribution of Losses Amount	\$ (413,424)	\$ (526,344)	\$ (112,919)	\$ (112,919)	27.31%
43	555.21 RT FBT Loss Amount	\$ -	\$ -	\$ -	\$ -	0
44	DA Loss Amount	\$ 1,045,506	\$ 1,475,337	\$ 429,831	\$ 429,831	41.11%
45	RT Loss Amount	\$ 59,822	\$ 102,795	\$ 42,973	\$ 42,973	71.84%
46	555.26 RT Non-Asset Energy Amount***	\$ -	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
47	555.08 DA Losses Rebate on Option B GFA	\$ -	\$ -	\$ -	\$ -	0
48	555.12 DA Virtual Energy Amount	\$ -	\$ -	\$ -	\$ -	0
49	555.32 RT Virtual Energy Amount	\$ -	\$ -	\$ -	\$ -	0
50	555.01 DA Mkt Admin Amount	\$ 82,466	\$ 63,181	\$ (19,284)	\$ (19,284)	-23.38%
51	555.18 RT Mkt Admin Amount	\$ 8,952	\$ 7,882	\$ (1,070)	\$ (1,070)	-11.95%
52	555.13 FTR Mkt Admin Amount	\$ 1,906	\$ 1,094	\$ (812)	\$ (812)	-42.61%
53	555.03 DA FBT Congestion Amount	\$ -	\$ -	\$ -	\$ -	0
54	DA Congestion	\$ 3,028,672	\$ 1,988,058	\$ (1,040,613)	\$ (1,040,613)	-34.36%
55	555.20 RT FBT Congestion Amount	\$ -	\$ -	\$ -	\$ -	0
56	RT Congestion	\$ 331,138	\$ 313,804	\$ (17,335)	\$ (17,335)	-5.23%
57	555.14 FTR Hourly Allocation Amount	\$ (3,661,916)	\$ (2,508,049)	\$ (1,153,867)	\$ (1,153,867)	-31.51%
58	555.15 FTR Monthly Allocation Amount	\$ (89,669)	\$ (70,600)	\$ (19,068)	\$ (19,068)	-21.27%
59	555.17 FTR Yearly Allocation Amount	\$ (296,474)	\$ (562,661)	\$ (266,187)	\$ (266,187)	89.78%
60	555.35 FTR Monthly Transaction Amount	\$ -	\$ -	\$ -	\$ -	0
61	555.36 FTR Full Funding Guarantee Amount	\$ 337,989	\$ 369,507	\$ 31,518	\$ 31,518	9.33%
62	555.37 FTR Guarantee Uplift Amount	\$ (361,413)	\$ (423,111)	\$ (61,698)	\$ (61,698)	17.07%
63	555.39 FTR Auction Revenue Rights Transaction Amount	\$ (4,483,052)	\$ (3,620,020)	\$ 863,032	\$ 863,032	-19.25%
64	555.38 FTR Annual Transaction Amount	\$ 4,480,382	\$ 3,322,721	\$ (1,157,662)	\$ (1,157,662)	-25.84%
65	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	\$ 8,285	\$ 8,080	\$ (205)	\$ (205)	-2.72%
66	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	\$ (87,458)	\$ (207,942)	\$ (120,484)	\$ (120,484)	137.76%
67	555.07 DA Congestion Rebate on Option B GFA	\$ -	\$ -	\$ -	\$ -	0
68	555.10 DA Revenue Sufficiency Guarantee Distribution Amount	\$ 14,951	\$ 18,047	\$ 3,096	\$ 3,096	20.71%
69	555.11 DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ -	\$ -	\$ -	\$ -	0
70	555.29 RT Revenue Sufficiency Guarantee First Pass Distribution Amount	\$ 53,082	\$ 9,587	\$ (43,495)	\$ (43,495)	-81.94%
71	555.30 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (229,119)	\$ -	\$ 229,119	\$ 229,119	-100.00%
72	555.42 RT Price Volatility Make Whole Payment	\$ (55,542)	\$ (36,873)	\$ (18,669)	\$ (18,669)	-33.61%
73	555.28 RT Revenue Neutrality Uplift Amount	\$ 117,809	\$ 211,984	\$ 94,175	\$ 94,175	79.94%
74	555.25 RT Misc Amount	\$ 6,775	\$ -	\$ (6,775)	\$ (6,775)	-100.00%
75	555.27 RT Net Inadvertent Amount	\$ 170	\$ 1,668	\$ 1,499	\$ 1,499	882.40%
76	555.31 RT Uninstructed Deviation Amount	\$ -	\$ -	\$ #VALUE!	\$ #VALUE!	0
77	555.59 RT Demand Response Allocation Uplift Amount	\$ 10,781	\$ 578	\$ (10,203)	\$ (10,203)	-94.64%
78	555.63 DA Ramp Product	\$ (1,752)	\$ (549)	\$ 1,203	\$ 1,203	-68.68%
79	555.64 RT Ramp Product	\$ (569)	\$ 63	\$ 632	\$ 632	-111.16%
80	555.65 RT Schedule 49 Cost Distribution Amount	\$ 14,974	\$ 28,219	\$ 13,245	\$ 13,245	88.45%
81	555.55 RT ASM Non-Excessive Energy Amount***	\$ -	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
82	555.56 RT ASM Excessive Energy Amount***	\$ -	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
83	555.05 DA Congestion Rebate on COGA	\$ -	\$ -	\$ -	\$ -	0
84	555.06 DA Losses Rebate on COGA	\$ -	\$ -	\$ -	\$ -	0
85	555.22 RT Congestion Rebate on COGA	\$ -	\$ -	\$ -	\$ -	0
86	555.23 RT Loss Rebate on COGA	\$ -	\$ -	\$ -	\$ -	0
87	Net Congestion and Losses Adjustment & No DA Generation Schedule	\$ -	\$ 30,614	\$ 30,614	\$ 30,614	0
88						
89		Total MISO Wholesale Market Charges	\$ (170,051)	\$ (75,105)	\$ 94,946	-55.83%
90						Total Excludes Schedule 16 and 17 (Lines 40, 41, 42 Above)
91						
92		[PROTECTED DATA BEGINS...]				
93	555.19 DA Asset Energy Amount***	\$ -	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
94	555.03 DA Non-asset Energy Amount***	\$ -	\$ -	\$ -	\$ -	0
95	555.09 RT Asset Energy Amount***	\$ -	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
96	555.00 RT Non-Asset Energy Amount	\$ -	\$ -	\$ -	\$ -	0
97	555.02 DA Make-Whole-Payment Distribution Amount	\$ -	\$ -	\$ -	\$ -	0
98	555.10 RT Make-Whole-Payment Distribution Amount	\$ 1,109	\$ (6)	\$ (1,114)	\$ (1,114)	-100.53%
99	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	\$ -	\$ -	\$ -	\$ -	0
100	555.15 RT Revenue Neutrality Uplift Distribution Amount	\$ 248	\$ 2	\$ (245)	\$ (245)	99.10%
101	555.04 DA Regulation-Down Distribution Amount	\$ 16	\$ (17)	\$ (33)	\$ (33)	-100.61%
102	555.05 DA Regulation-Up Distribution Amount	\$ 62	\$ (0)	\$ (62)	\$ (62)	-100.47%
103	555.06 DA Spinning Reserve Distribution Amount	\$ 74	\$ (0)	\$ (75)	\$ (75)	-100.42%
104	555.07 DA Supplemental Reserve Distribution Amount	\$ 11	\$ (0)	\$ (11)	\$ (11)	-100.66%
105	555.08 RT Contingency Reserve Deployment Failure Amount	\$ (2)	\$ -	\$ 2	\$ 2	-100.00%
106	555.11 RT Over-Collected Losses Distribution Amount	\$ (36,611)	\$ (31,300)	\$ 5,311	\$ 5,311	-14.51%
107	555.12 RT Regulation-Down Distribution Amount	\$ 3	\$ -	\$ (3)	\$ (3)	-100.00%
108	555.13 RT Regulation-Non-Performance Distribution Amount	\$ (2)	\$ -	\$ 2	\$ 2	-100.00%
109	555.14 RT Regulation-Up Distribution Amount	\$ (3)	\$ -	\$ 3	\$ 3	-100.00%
110	555.16 RT Spinning Reserve Distribution Amount	\$ (1)	\$ -	\$ 1	\$ 1	-100.00%
111	555.17 RT Supplemental Reserve Distribution Amount	\$ (3)	\$ -	\$ 3	\$ 3	-100.00%
112	555.20 RT Pseudo Tie Congestion Amount	\$ (106,099)	\$ 85,595	\$ 191,694	\$ 191,694	-180.67%
113	555.21 RT Pseudo Tie Loss Amount	\$ (24,741)	\$ 36,730	\$ 61,471	\$ 61,471	-248.46%
114	555.23 Miscellaneous Amount	\$ (3)	\$ -	\$ 3	\$ 3	-100.00%
115	555.26 ARR Closeout Yearly Amount	\$ -	\$ -	\$ -	\$ -	0
116	555.28 RT Demand Reduction Distribution Amount	\$ 0	\$ -	\$ (0)	\$ (0)	-100.00%
117	555.29 RT Schedule 1A3 Amount	\$ 7	\$ (0)	\$ (8)	\$ (8)	-101.74%
118	555.30 RT Schedule 1A4 Amount	\$ 37	\$ (1)	\$ (37)	\$ (37)	-101.56%
119	555.31 DA Ramp Up Distribution Amount	\$ 74	\$ (0)	\$ (74)	\$ (74)	-100.07%
120	555.32 DA Ramp Down Distribution Amount	\$ -	\$ -	\$ -	\$ -	0 New charge type in 2022
121	555.33 RT Ramp Non Performance Distribution Amount	\$ (1)	\$ -	\$ 1	\$ 1	-100.00%
122	555.34 RT Ramp Up Distribution Amount	\$ (5)	\$ -	\$ 5	\$ 5	-100.00%
123	555.35 RT Ramp Down Distribution Amount	\$ -	\$ -	\$ -	\$ -	0 New charge type in 2022
124	555.36 ArrAucTmAcAmt	\$ -	\$ (290,734)	\$ (290,734)	\$ (290,734)	0 New charge type in 2024

124	555.37	RtURDDistAoAmt	\$	-	\$	-	\$	-	0	New charge type in 2024
125	555.01	DA GFA Carve Out Distribution Deployment Daily Amount	\$	28	\$	(0)	\$	(28)	-100.54%	
126	555.22	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		<b>Total SPP Wholesale Market Charges</b>	\$	<b>(165,804)</b>	\$	<b>(199,715)</b>	\$	<b>(33,911)</b>	<b>20.45%</b>	
129										
130		<b>MISO ASM</b>								
131	555.43	Day Ahead Regulation Amount	\$	(14,719)	\$	(23,656)	\$	(8,937)	60.71%	
132	555.46	Real Time Regulation Amount	\$	110	\$	(23,734)	\$	(23,845)	-21583.76%	
133	555.52	Regulation Cost Distribution Amount	\$	21,471	\$	11,468	\$	(10,003)	-46.59%	
134	555.66	Day Ahead Short-Term Reserve Amount	\$	(15,209)	\$	(238,708)	\$	(223,499)	1469.52%	
135	555.67	Real Time Short-Term Reserve Amount	\$	(1,004)	\$	1,853	\$	2,888	-267.49%	
136	555.68	Short-Term Reserve Cost Distribution Amount	\$	11,085	\$	72,971	\$	61,886	558.30%	
137	555.44	Day Ahead Spinning Reserve Amount	\$	(18,611)	\$	(3,977)	\$	14,633	-78.63%	
138	555.47	Real Time Spinning Reserve Amount	\$	3,153	\$	(4,777)	\$	(7,931)	-251.49%	
139	555.53	Spinning Reserve Cost Distribution Amount	\$	15,954	\$	14,463	\$	(1,492)	-9.35%	
140	555.45	Day Ahead Supplemental Reserve Amount	\$	(10,721)	\$	(28,429)	\$	(17,708)	165.17%	
141	555.48	Real Time Supplemental Reserve Amount	\$	5,085	\$	5,034	\$	(51)	-1.00%	
142	555.54	Supplemental Reserve Cost Distribution Amount	\$	2,602	\$	2,434	\$	(168)	-6.45%	
143	555.51	Contingency Reserve Deployment Failure Charge Amount	\$	3,407	\$	-	\$	(3,407)	-100.00%	
144	555.5	Real Time Excessive Deficient Energy Deployment Charge Amount	\$	1,927	\$	1,813	\$	(115)	-5.95%	
145	555.69	Short-Term Reserve Deployment Failure Charge Amount	\$	-	\$	-	\$	-	0	
146	555.49	Net Regulation Adjustment Amount	\$	1,016	\$	(1,165)	\$	(2,180)	-214.68%	
147		<b>Total MISO ASM</b>	\$	<b>5,547</b>	\$	<b>(214,381)</b>	\$	<b>(219,927)</b>	<b>-3965.07%</b>	
148										
149		<b>Total Wholesale Market Charges</b>	\$	<b>(330,308)</b>	\$	<b>(489,201)</b>	\$	<b>(158,892)</b>	<b>48.10%</b>	
150										
151										
152		<b>Purchased Power</b>								
153										
154		Edgeley PPA								
155		Langdon PPA								
156		Ashland 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
163										
164		<b>Total Purchases</b>	\$	<b>10,846,325</b>	\$	<b>11,694,672</b>	\$	<b>848,348</b>	<b>7.82%</b>	Tribal (WAPA) excluded from Total
165										
166		<b>Wind Curtailment</b>	\$	<b>(6,830)</b>	\$	<b>11,396</b>	\$	<b>18,226</b>	<b>-266.87%</b>	
167										
168		<b>Asset Based Sales</b>	\$	<b>(2,396,161)</b>	\$	<b>(1,689,086)</b>	\$	<b>707,076</b>	<b>-29.51%</b>	Credit to MN FCA Calculation - Subtracted from Total
169		Fuel Costs	\$	(1,142,004)	\$	(1,512,905)	\$	(370,901)	32.48%	
170		Asset Based Margins	\$	(1,254,157)	\$	(176,181)	\$	1,077,976	-85.95%	
171										
172		<b>Hoot Lake Solar Generation Credit</b>	\$	<b>(163,296)</b>	\$	<b>(79,233)</b>	\$	<b>84,064</b>	<b>(1)</b>	Effective January 2023
173										
174		<b>Steam Plant Reagents</b>	\$	<b>276,199</b>	\$	<b>287,288</b>	\$	<b>11,090</b>	<b>0</b>	Effective July 2022 - Docket No. E017/GR-20-719
175										
176		<b>Steam/Water Sales</b>	\$	<b>(110,642)</b>	\$	<b>(114,292)</b>	\$	<b>(3,650)</b>	<b>0</b>	Effective July 2022 - Docket No. E017/GR-20-719
177										
178		<b>Planning Resource Auction Revenues</b>	\$	<b>-</b>	\$	<b>(13,450)</b>	\$	<b>-</b>	<b>0</b>	Effective June 2022
179										
180		<b>Total System - Plant Level</b>	\$	<b>18,340,962</b>	\$	<b>18,104,555</b>	\$	<b>(236,408)</b>	<b>-1.29%</b>	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

\*\*\* These energy related charge types are reported in Market Purchases

		January 2024 Forecast to Actual - MWH		
		January 2024 Forecast	January 2024 Actual	Notes
Line	Plant Generation	[PROTECTED DATA BEGINS...		
1	Big Stone			
2	Coyote			
3	Hoot Lake #2			Hoot Lake Plant Closed in May 2021
4	Hoot Lake #3			
5		...[PROTECTED DATA ENDS]		
6	Total Coal	207,768	217,408	
7		[PROTECTED DATA BEGINS...		
8	Langdon Wind			
9	Ashtabula Wind			
10	Ashtabula III			
11	Luverne Wind			
12	Merricourt			
13		...[PROTECTED DATA ENDS]		
14	Total Wind and Solar	120,676	83,268	
15				
16	Total Hydro	1,699	1,221	
17		[PROTECTED DATA BEGINS...		
18	Jamestown 1			
19	Jamestown 2			
20	Lake Preston			
21		...[PROTECTED DATA ENDS]		
22	Total Oil - Peaking Units	1,680	-	
23		[PROTECTED DATA BEGINS...		
24	Natural gas - Solway			
25	Natural gas - Astoria			
26		...[PROTECTED DATA ENDS]		
27	Total Natural Gas	106,685	86,314	
28		[PROTECTED DATA BEGINS...		
29	Solar - Blue Jay			
30	Solar - Blue Heron			
31	Solar - Hoot Lake			
32	Solar - Red Lake Falls Area SB Solar			
33	Solar - Karlstad Area SB			
34	Solar - Crookston Area SB			
35		...[PROTECTED DATA ENDS]		
36	Total Solar	2,957	1,878	
37				
38	Total OTP-Owned	441,465	390,089	
39				
40	Wholesale Market Charges			
41	MISO Wholesale Market Charges			
42	555.02 DA Asset Energy Amount***	N/A	N/A	
43	555.04 DA FBT Loss Amount	N/A	N/A	
44	555.09 DA Non-asset Energy Amount***	N/A	N/A	
45	555.19 RT Asset Energy Amount***	N/A	N/A	
46	555.24 RT Distribution of Losses Amount	N/A	N/A	
47	555.21 RT FBT Loss Amount	N/A	N/A	
48	DA Loss Amount	N/A	N/A	
49	RT Loss Amount	N/A	N/A	
50	555.26 RT Non-Asset Energy Amount***	N/A	N/A	
51	555.08 DA Losses Rebate on Option B GFA	N/A	N/A	
52	555.12 DA Virtual Energy Amount	N/A	N/A	
53	555.32 RT Virtual Energy Amount	N/A	N/A	
54	555.01 DA Mkt Admin Amount	N/A	N/A	
55	555.18 RT Mkt Admin Amount	N/A	N/A	
56	555.13 FTR Mkt Admin Amount	N/A	N/A	
57	555.03 DA FBT Congestion Amount	N/A	N/A	
58	DA Congestion	N/A	N/A	
59	555.2 RT FBT Congestion Amount	N/A	N/A	
60	RT Congestion	N/A	N/A	
61	555.14 FTR Hourly Allocation Amount	N/A	N/A	
62	555.15 FTR Monthly Allocation Amount	N/A	N/A	
63	555.17 FTR Yearly Allocation Amount	N/A	N/A	
64	555.35 FTR Monthly Transaction Amount	N/A	N/A	
65	555.36 FTR Full Funding Guarantee Amount	N/A	N/A	
66	555.37 FTR Guarantee Uplift Amount	N/A	N/A	
67	555.39 FTR Auction Revenue Rights Transaction Amount	N/A	N/A	
68	555.38 FTR Annual Transaction Amount	N/A	N/A	
69	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A	
70	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A	
71	555.07 DA Congestion Rebate on Option B GFA	N/A	N/A	
72	555.1 DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
73	555.11 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	555.3 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
76	555.42 RT Price Volatility Make Whole Payment	N/A	N/A	
77	555.28 RT Revenue Neutrality Uplift Amount	N/A	N/A	
78	555.25 RT Misc Amount	N/A	N/A	
79	555.27 RT Net Inadvertent Amount	N/A	N/A	
80	555.31 RT Uninstructed Deviation Amount	N/A	N/A	
81	555.59 RT Demand Response Allocation Uplift Amount	N/A	N/A	
82	555.63 DA Ramp Product	N/A	N/A	
83	555.64 RT Ramp Product	N/A	N/A	
84	555.65 RT Schedule 49 Cost Distribution Amount	N/A	N/A	
85	555.55 RT ASM Non-Excessive Energy Amount***	N/A	N/A	
86	555.56 RT ASM Excessive Energy Amount***	N/A	N/A	
87	555.05 DA Congestion Rebate on COGA	N/A	N/A	
88	555.06 DA Losses Rebate on COGA	N/A	N/A	
89	555.22 RT Congestion Rebate on COGA	N/A	N/A	
90	555.23 RT Loss Rebate on COGA	N/A	N/A	
91	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	555.19 DA Asset Energy Amount***	N/A	N/A	
97	555.03 DA Non-asset Energy Amount	N/A	N/A	
98	555.09 RT Asset Energy Amount***	N/A	N/A	
99	555 RT Non-Asset Energy Amount	N/A	N/A	
100	555.02 DA Make-Whole-Payment Distribution Amount	N/A	N/A	
101	555.1 RT Make-Whole-Payment Distribution Amount	N/A	N/A	
102	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
103	555.15 RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A	
104	555.04 DA Regulation-Down Distribution Amount	N/A	N/A	
105	555.05 DA Regulation-Up Distribution Amount	N/A	N/A	
106	555.06 DA Spinning Reserve Distribution Amount	N/A	N/A	
107	555.07 DA Supplemental Reserve Distribution Amount	N/A	N/A	
108	555.08 RT Contingency Reserve Deployment Failure Amount	N/A	N/A	
109	555.11 RT Over-Collected Losses Distribution Amount	N/A	N/A	
110	555.12 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 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	555.21 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 Demand Reduction Distribution Amount	N/A	N/A	
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	New charge type in 2022
123	555.32 DA Ramp Down Distribution Amount	N/A	N/A	New charge type in 2022

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	555.34	RT Ramp Up Distribution Amount	N/A	N/A	New charge type in 2022
126	555.35	RT Ramp Down Distribution Amount	N/A	N/A	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		<b>Total SPP Wholesale Market Charges</b>			
131					
132		<b>MISO ASM</b>			
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		<b>Total MISO ASM</b>			
150					
151		<b>Total Wholesale Market Charges</b>			
152					
153					
154		<b>Purchased Power</b>			
155			[PROTECTED DATA 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			...PROTECTED DATA ENDS]		
166		<b>Total Purchases</b>	<b>200,826</b>	<b>253,371</b>	Tribal (WAPA) excluded from Total
167					
168		<b>Wind Curtailment</b>	<b>(174)</b>	<b>291</b>	
169					
170		<b>Asset Based Sales</b>	<b>(28,676)</b>	<b>(34,058)</b>	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
172		Asset Based Margins			Fuel Cost MWh and Margin MWh are not separated - Need to compare total Asset Based Sales
173					
174		<b>Steam Plant Reagents</b>	-	-	Effective July 2022 - Docket No. E017/GR-20-719
175					
176		<b>Steam/Water Sales</b>	-	-	Effective July 2022 - Docket No. E017/GR-20-719
177					
178		<b>Planning Resource Auction Revenues</b>	-	-	Effective June 2022
179					
180		<b>Total System - Plant Level</b>	<b>613,441</b>	<b>609,692</b>	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

Line	Plant	Generation	January 2024 Forecast to Actual - \$ per MWh		Notes
			January 2024 Forecast	January 2024 Actual	
1		Big Stone	[PROTECTED DATA BEGINS...		
2		Coyote	[PROTECTED DATA BEGINS...		
3			...PROTECTED DATA ENDS]		
4		Total Coal	\$ 25.92	\$ 23.38	
5			[PROTECTED DATA BEGINS...		
6		Langdon Wind	[PROTECTED DATA BEGINS...		
7		Ashtabula Wind	[PROTECTED DATA BEGINS...		
8		Ashtabula III	[PROTECTED DATA BEGINS...		
9		Luverne Wind	[PROTECTED DATA BEGINS...		
10		Merricourt	[PROTECTED DATA BEGINS...		
12			...PROTECTED DATA ENDS]		
13		Total Wind	\$ -	\$ -	
14			[PROTECTED DATA BEGINS...		
15		Total Hydro	\$ -	\$ -	
16			[PROTECTED DATA BEGINS...		
17		Jamestown 1	[PROTECTED DATA BEGINS...		
18		Jamestown 2	[PROTECTED DATA BEGINS...		
19		Lake Preston	[PROTECTED DATA BEGINS...		
20			...PROTECTED DATA ENDS]		
21		Total Oil - Peaking Units	\$ -	\$ -	
22			[PROTECTED DATA BEGINS...		
23		Natural gas - Solway	[PROTECTED DATA BEGINS...		
24		Natural gas - Astoria	[PROTECTED DATA BEGINS...		
25			...PROTECTED DATA ENDS]		
26		Total Natural Gas	\$ 41.97	\$ 39.30	
27			[PROTECTED DATA BEGINS...		
28		Solar - Blue Jay	[PROTECTED DATA BEGINS...		
29		Solar - Blue Heron	[PROTECTED DATA BEGINS...		
30		Hoot Lake Solar	[PROTECTED DATA BEGINS...		
31			...PROTECTED DATA ENDS]		
32		Total Solar	\$ -	\$ 0	
33			[PROTECTED DATA BEGINS...		
34		Total OTP-Owned	\$ 67.88	\$ 62.68	
35		Wholesale Market Charges	[PROTECTED DATA BEGINS...		
36		MISO Wholesale Market Charges	[PROTECTED DATA BEGINS...		
37	555.02	DA Asset Energy Amount***	N/A	N/A	
38	555.04	DA FBT Loss Amount	N/A	N/A	
39	555.09	DA Non-asset Energy Amount***	N/A	N/A	
40	555.19	RT Asset Energy Amount***	N/A	N/A	
41	555.24	RT Distribution of Losses Amount	N/A	N/A	
42	555.21	RT FBT Loss Amount	N/A	N/A	
43		DA Loss Amount	N/A	N/A	
44		RT Loss Amount	N/A	N/A	
45	555.26	RT Non-Asset Energy Amount***	N/A	N/A	
46	555.08	DA Losses Rebate on Option B GFA	N/A	N/A	
47	555.12	DA Virtual Energy Amount	N/A	N/A	
48	555.32	RT Virtual Energy Amount	N/A	N/A	
49	555.01	DA Mkt Admin Amount	N/A	N/A	
50	555.18	RT Mkt Admin Amount	N/A	N/A	
51	555.13	FTR Mkt Admin Amount	N/A	N/A	
52	555.03	DA FBT Congestion Amount	N/A	N/A	
53		DA Congestion	N/A	N/A	
54	555.2	RT FBT Congestion Amount	N/A	N/A	
55		RT Congestion	N/A	N/A	
56	555.14	FTR Hourly Allocation Amount	N/A	N/A	
57	555.15	FTR Monthly Allocation Amount	N/A	N/A	
58	555.17	FTR Yearly Allocation Amount	N/A	N/A	
59	555.35	FTR Monthly Transaction Amount	N/A	N/A	
60	555.36	FTR Full Funding Guarantee Amount	N/A	N/A	
61	555.37	FTR Guarantee Uplift Amount	N/A	N/A	
62	555.39	FTR Auction Revenue Rights Transaction Amount	N/A	N/A	
63	555.38	FTR Annual Transaction Amount	N/A	N/A	
64	555.40	FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A	
65	555.41	FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A	
66	555.07	DA Congestion Rebate on Option B GFA	N/A	N/A	
67	555.1	DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
68	555.11	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
69	555.29	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	N/A	N/A	
70	555.3	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
71	555.42	RT Price Volatility Make Whole Payment	N/A	N/A	
72	555.28	RT Revenue Neutrality Uplift Amount	N/A	N/A	
73	555.25	RT Misc Amount	N/A	N/A	
74	555.27	RT Net Inadvertent Amount	N/A	N/A	
75	555.31	RT Uninstructed Deviation Amount	N/A	N/A	
76	555.59	RT Demand Response Allocation Uplift Amount	N/A	N/A	
77	555.63	DA Ramp Product	N/A	N/A	
78	555.64	RT Ramp Product	N/A	N/A	
79	555.65	RT Schedule 49 Cost Distribution Amount	N/A	N/A	
80	555.55	RT ASM Non-Excessive Energy Amount***	N/A	N/A	
81	555.56	RT ASM Excessive Energy Amount***	N/A	N/A	
82	555.05	DA Congestion Rebate on COGA	N/A	N/A	
83	555.06	DA Losses Rebate on COGA	N/A	N/A	
84	555.22	RT Congestion Rebate on COGA	N/A	N/A	
85	555.23	RT Loss Rebate on COGA	N/A	N/A	
86		Net Congestion and Losses Adjustment & No DA Generation Schedule	N/A	N/A	
87			[PROTECTED DATA BEGINS...		
88		Total MISO Wholesale Market Charges	[PROTECTED DATA BEGINS...		
89			[PROTECTED DATA BEGINS...		
90		SPP Wholesale Market Charges	[PROTECTED DATA BEGINS...		
91	555.19	DA Asset Energy Amount***	N/A	N/A	
92	555.03	DA Non-asset Energy Amount	N/A	N/A	
93	555.09	RT Asset Energy Amount***	N/A	N/A	
94	555	RT Non-Asset Energy Amount	N/A	N/A	
95	555.02	DA Make-Whole-Payment Distribution Amount	N/A	N/A	
96	555.1	RT Make-Whole-Payment Distribution Amount	N/A	N/A	
97	555.18	RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
98	555.15	RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A	
99	555.04	DA Regulation-Down Distribution Amount	N/A	N/A	
100	555.05	DA Regulation-Up Distribution Amount	N/A	N/A	
101	555.06	DA Spinning Reserve Distribution Amount	N/A	N/A	
102	555.07	DA Supplemental Reserve Distribution Amount	N/A	N/A	
103	555.08	RT Contingency Reserve Deployment Failure Amount	N/A	N/A	
104	555.11	RT Over-Collected Losses Distribution Amount	N/A	N/A	
105	555.12	RT Regulation-Down Distribution Amount	N/A	N/A	
106	555.13	RT Regulation Non-Performance Distribution Amount	N/A	N/A	
107	555.14	RT Regulation-Up Distribution Amount	N/A	N/A	
108	555.16	RT Spinning Reserve Distribution Amount	N/A	N/A	
109	555.17	RT Supplemental Reserve Distribution Amount	N/A	N/A	
110	555.2	RT Pseudo Tie Congestion Amount	N/A	N/A	
111	555.21	RT Pseudo Tie Loss Amount	N/A	N/A	
112	555.23	Miscellaneous Amount	N/A	N/A	
113	555.26	ARR Closeout Yearly Amount	N/A	N/A	
114	555.28	RT Demand Reduction Distribution Amount	N/A	N/A	
115	555.29	RT Schedule 1A3 Amount	N/A	N/A	
116	555.30	RT Schedule 1A4 Amount	N/A	N/A	
117	555.31	DA Ramp Up Distribution Amount	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	555.33	RT Ramp Non Performance Distribution Amount	N/A	N/A	New charge type in 2022
120	555.34	RT Ramp Up Distribution Amount	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
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	N/A	
125		<b>Total SPP Wholesale Market Charges</b>			
126					
127		<b>MISO ASM</b>			
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		<b>Total MISO ASM</b>			
145					
146		<b>Total Wholesale Market Charges</b>			
147					
148					
149		<b>Purchased Power</b>			
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 DATA ENDS]		
161		<b>Total Purchases</b>	\$	54.01	\$ 46.16
162					Tribal (WAPA) excluded from Total
163		<b>Wind Curtailment</b>	\$	39.22	\$ 39.22
164					
165		<b>Asset Based Sales</b>	\$	83.56	\$ 49.59
166		Fuel Costs	N/A	N/A	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
167		Asset Based Margins	N/A	N/A	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
168					
169		<b>Steam Plant Reagents</b>	NA	NA	Effective July 2022 - Docket No. E017/GR-20-719
170					
171		<b>Steam/Water Sales</b>	NA	NA	Effective July 2022 - Docket No. E017/GR-20-719
172					
173		<b>Planning Resource Auction Revenues</b>	N/A	N/A	Effective June 2022
174					
175		<b>Total System - Plant Level</b>	\$	29.90	\$ 29.69
					Tribal (WAPA) excluded from Total, Asset Based Sales subtracted from Total



February 2024 Forecast to Actual - Expense (Revenue)						
Line	Plant Generation	February 2024 Forecast	February 2024 Actual			Notes
1	Big Stone	[PROTECTED DATA BEGINS...]				
2	Coyote					
3	Hoot Lake #2					Hoot Lake plant closed in May 2021
4	Hoot Lake #3					
5						
6		Total Coal	\$ 6,031,276	\$ 3,462,268	\$(2,569,008)	-42.59%
7		[PROTECTED DATA BEGINS...]				
8	Langdon Wind					
9	Ashabula Wind					
10	Luverne Wind					
11	Merricourt					
12						
13		Total Wind	\$ -	\$ -	\$ -	0
14						
15		Total Hydro	\$ -	\$ -	\$ -	0
16		[PROTECTED DATA BEGINS...]				
17	Jamestown 1					
18	Jamestown 2					
19	Lake Preston					
20						
21		Total Oil - Peaking Units	\$ -	\$ 7,293	\$ 7,293	0
22		[PROTECTED DATA BEGINS...]				
23	Natural gas - Solway					
24	Natural gas - Astoria					
25						
26		Total Natural Gas	\$ 689,228	\$ 1,217,724	\$ 528,496	76.68%
27		[PROTECTED DATA BEGINS...]				
28	Solar - Blue Jay					
29	Solar - Blue Heron					
30	Solar - Hoot Lake					
31						
32		Total Solar	\$ -	\$ -	\$ -	0
33						
34		Total OTP-Owned	\$ 6,720,504	\$ 4,687,285	\$(2,033,219)	-30.25%
35						
36	Wholesale Market Charges					
37	MISO Wholesale Market Charges					
38	555.02 DA Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
39	555.04 DA FBT Loss Amount	\$ -	\$ -	\$ -	0	
40	555.09 DA Non-asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
41	555.19 RT Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
42	555.24 RT Distribution of Losses Amount	\$ (380,762)	\$ (207,593)	\$ 173,169	-45.48%	
43	555.21 RT FBT Loss Amount	\$ -	\$ -	\$ -	0	
44	DA Loss Amount	\$ 962,907	\$ 702,597	\$ (260,310)	-27.03%	
45	RT Loss Amount	\$ 55,095	\$ 22,798	\$ (32,298)	-58.62%	
46	555.26 RT Non-Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
47	555.08 DA Losses Rebate on Option B GFA	\$ -	\$ -	\$ -	0	
48	555.12 DA Virtual Energy Amount	\$ -	\$ -	\$ -	0	
49	555.32 RT Virtual Energy Amount	\$ -	\$ -	\$ -	0	
50	555.01 DA Mkt Admin Amount	\$ 73,193	\$ 80,161	\$ 6,968	9.52%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
51	555.18 RT Mkt Admin Amount	\$ 10,026	\$ 11,080	\$ 1,055	10.52%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
52	555.13 FTR Mkt Admin Amount	\$ 1,757	\$ 1,547	\$ (210)	-11.95%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
53	555.03 DA FBT Congestion Amount	\$ -	\$ -	\$ -	0	
54	DA Congestion	\$ 2,789,396	\$ 1,414,623	\$ (1,374,773)	-49.29%	
55	555.20 RT FBT Congestion Amount	\$ -	\$ -	\$ -	0	
56	RT Congestion	\$ 304,977	\$ (243,028)	\$ (548,005)	-179.69%	
57	555.14 FTR Hourly Allocation Amount	\$ (3,372,611)	\$ (1,728,369)	\$ 1,643,243	-48.72%	
58	555.15 FTR Monthly Allocation Amount	\$ (62,584)	\$ (98,712)	\$ (36,128)	-57.74%	
59	555.17 FTR Yearly Allocation Amount	\$ -	\$ 0	\$ 0	0	
60	555.35 FTR Monthly Transaction Amount	\$ -	\$ -	\$ -	0	
61	555.36 FTR Full Funding Guarantee Amount	\$ (56,050)	\$ 53,724	\$ 109,774	-195.85%	
62	555.37 FTR Guarantee Uplift Amount	\$ 56,050	\$ (91,014)	\$ (147,064)	-262.38%	
63	555.39 FTR Auction Revenue Rights Transaction Amount	\$ (4,483,052)	\$ (3,620,020)	\$ 863,032	-19.25%	
64	555.38 FTR Annual Transaction Amount	\$ 4,483,382	\$ 3,322,721	\$ (1,160,662)	-25.84%	
65	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	\$ 8,285	\$ 8,080	\$ (205)	-2.42%	
66	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	\$ (87,458)	\$ (207,942)	\$ (120,484)	137.76%	
67	555.07 DA Congestion Rebate on Option B GFA	\$ -	\$ -	\$ -	0	
68	555.10 DA Revenue Sufficiency Guarantee Distribution Amount	\$ 14,108	\$ 9,858	\$ (4,250)	-30.13%	
69	555.11 DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (1,845)	\$ (3,926)	\$ (2,080)	112.72%	
70	555.29 RT Revenue Sufficiency Guarantee First Pass Distribution Amount	\$ 53,082	\$ 1,590	\$ (51,492)	-97.00%	
71	555.30 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (229,119)	\$ -	\$ 229,119	-100.00%	
72	555.42 RT Price Volatility Make Whole Payment	\$ (55,542)	\$ (36,536)	\$ 19,006	-34.22%	
73	555.28 RT Revenue Neutrality Uplift Amount	\$ 117,809	\$ 129,066	\$ 11,257	9.56%	
74	555.25 RT Misc Amount	\$ 6,775	\$ (609,719)	\$ (616,494)	-9099.87%	
75	555.27 RT Net Inadvertent Amount	\$ 170	\$ 1,766	\$ 1,596	939.76%	
76	555.31 RT Uninstructed Deviation Amount	\$ -	\$ -	\$ #VALUE!	0	
77	555.59 RT Demand Response Allocation Uplift Amount	\$ 20,508	\$ 292	\$ (20,216)	-98.57%	
78	555.63 DA Ramp Product	\$ (2,243)	\$ (2,774)	\$ (530)	-23.65%	
79	555.64 RT Ramp Product	\$ (404)	\$ (1,952)	\$ (1,548)	102.49%	
80	555.65 RT Schedule 49 Cost Distribution Amount	\$ 14,974	\$ 1,610	\$ (13,364)	-89.25%	
81	555.55 RT ASM Non-Excessive Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
82	555.56 RT ASM Excessive Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
83	555.05 DA Congestion Rebate on COGA	\$ -	\$ -	\$ -	0	
84	555.06 DA Losses Rebate on COGA	\$ -	\$ -	\$ -	0	
85	555.22 RT Congestion Rebate on COGA	\$ -	\$ -	\$ -	0	
86	555.23 RT Loss Rebate on COGA	\$ -	\$ -	\$ -	0	
87	Net Congestion and Losses Adjustment & No DA Generation Schedule	\$ -	\$ (48,213)	\$ (48,213)	0	
88						
89		Total MISO Wholesale Market Charges	\$ 132,847	\$ (1,221,323)	\$ (1,354,170)	-1019.35%
90						Total Excludes Schedule 16 and 17 (Lines 40, 41, 42 Above)
91	SPP Wholesale Market Charges					
92	555.19 DA Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
93	555.03 DA Non-asset Energy Amount	\$ -	\$ -	\$ -	0	
94	555.09 RT Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
95	555.00 RT Non-Asset Energy Amount	\$ -	\$ -	\$ -	0	
96	555.02 DA Make-Whole-Payment Distribution Amount	\$ -	\$ -	\$ -	0	
97	555.10 RT Make-Whole-Payment Distribution Amount	\$ 1,109	\$ -	\$ (1,109)	-100.00%	
98	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	\$ -	\$ -	\$ -	0	
99	555.15 RT Revenue Neutrality Uplift Distribution Amount	\$ 248	\$ -	\$ (248)	-100.00%	
100	555.04 DA Regulation-Down Distribution Amount	\$ 16	\$ -	\$ (16)	-100.00%	
101	555.05 DA Regulation-Up Distribution Amount	\$ 62	\$ -	\$ (62)	-100.00%	
102	555.06 DA Spinning Reserve Distribution Amount	\$ 74	\$ -	\$ (74)	-100.00%	
103	555.07 DA Supplemental Reserve Distribution Amount	\$ 11	\$ -	\$ (11)	-100.00%	
104	555.08 RT Contingency Reserve Deployment Failure Amount	\$ (2)	\$ -	\$ 2	-100.00%	
105	555.11 RT Over-Collected Losses Distribution Amount	\$ (33,719)	\$ (8,353)	\$ 25,365	-75.23%	
106	555.12 RT Regulation-Down Distribution Amount	\$ 3	\$ -	\$ (3)	-100.00%	
107	555.13 RT Regulation-Non-Performance Distribution Amount	\$ (2)	\$ -	\$ 2	-100.00%	
108	555.14 RT Regulation-Up Distribution Amount	\$ (3)	\$ -	\$ 3	-100.00%	
109	555.16 RT Spinning Reserve Distribution Amount	\$ (1)	\$ -	\$ 1	-100.00%	
110	555.17 RT Supplemental Reserve Distribution Amount	\$ (3)	\$ -	\$ 3	-100.00%	
111	555.20 RT Pseudo Tie Congestion Amount	\$ (97,717)	\$ 190,855	\$ 288,572	-295.31%	
112	555.21 RT Pseudo Tie Loss Amount	\$ (22,787)	\$ 22,640	\$ 45,427	-199.36%	
113	555.23 Miscellaneous Amount	\$ (3)	\$ -	\$ 3	-100.00%	
114	555.26 ARR Closeout Yearly Amount	\$ -	\$ -	\$ -	0	
115	555.28 RT Demand Reduction Distribution Amount	\$ 0	\$ -	\$ (0)	-100.00%	
116	555.29 RT Schedule 1A3 Amount	\$ 7	\$ -	\$ (7)	-100.00%	
117	555.30 RT Schedule 1A4 Amount	\$ 37	\$ -	\$ (37)	-100.00%	
118	555.31 DA Ramp Up 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 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	555.35 RT Ramp Down Distribution Amount	\$ -	\$ -	\$ -	0	New charge type in 2022
123	555.36 ArrAucTmAcAmt	\$ -	\$ (338,707)	\$ (338,707)	0	New charge type in 2024

124	555.37	RtURDDistAoSmt	\$	-	\$	-	\$	-	0	New charge type in 2024
125	555.01	DA GFA Carve Out Distribution Deployment Daily Amount	\$	28	\$	-	\$	(28)	-100.00%	
126	555.22	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		<b>Total SPP Wholesale Market Charges</b>	\$	<b>(152,575)</b>	\$	<b>(133,565)</b>	\$	<b>19,009</b>	<b>-12.46%</b>	
129										
130		<b>MISO ASM</b>								
131	555.43	Day Ahead Regulation Amount	\$	(21,096)	\$	(28,417)	\$	(7,321)	34.70%	
132	555.46	Real Time Regulation Amount	\$	(13,905)	\$	(26,270)	\$	(12,365)	88.92%	
133	555.52	Regulation Cost Distribution Amount	\$	20,700	\$	16,326	\$	(4,375)	-21.13%	
134	555.66	Day Ahead Short-Term Reserve Amount	\$	(15,006)	\$	(5,333)	\$	9,673	-64.46%	
135	555.67	Real Time Short-Term Reserve Amount	\$	578	\$	(977)	\$	(1,555)	-269.03%	
136	555.68	Short-Term Reserve Cost Distribution Amount	\$	5,826	\$	4,403	\$	(1,422)	-24.42%	
137	555.44	Day Ahead Spinning Reserve Amount	\$	(23,591)	\$	(10,711)	\$	12,880	-54.60%	
138	555.47	Real Time Spinning Reserve Amount	\$	2,703	\$	(2,359)	\$	(5,062)	-187.29%	
139	555.53	Spinning Reserve Cost Distribution Amount	\$	13,195	\$	13,165	\$	(31)	-0.23%	
140	555.45	Day Ahead Supplemental Reserve Amount	\$	(8,413)	\$	(1,465)	\$	6,948	-82.58%	
141	555.48	Real Time Supplemental Reserve Amount	\$	3,440	\$	661	\$	(2,779)	-80.79%	
142	555.54	Supplemental Reserve Cost Distribution Amount	\$	2,385	\$	1,795	\$	(589)	-24.72%	
143	555.51	Contingency Reserve Deployment Failure Charge Amount	\$	3,407	\$	-	\$	(3,407)	-100.00%	
144	555.5	Real Time Excessive Deficient Energy Deployment Charge Amount	\$	1,927	\$	2,093	\$	166	8.59%	
145	555.69	Short-Term Reserve Deployment Failure Charge Amount	\$	-	\$	-	\$	-	0	
146	555.49	Net Regulation Adjustment Amount	\$	1,016	\$	2,070	\$	1,055	103.85%	
147		<b>Total MISO ASM</b>	\$	<b>(26,835)</b>	\$	<b>(35,020)</b>	\$	<b>(8,185)</b>	<b>30.50%</b>	
148										
149		<b>Total Wholesale Market Charges</b>	\$	<b>(46,563)</b>	\$	<b>(1,389,909)</b>	\$	<b>(1,343,346)</b>	<b>2885.01%</b>	
150										
151										
152		<b>Purchased Power</b>								
153										
154		Edgeley PPA								
155		Langdon PPA								
156		Ashitabula 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
163										
164		<b>Total Purchases</b>	\$	<b>12,117,772</b>	\$	<b>8,939,293</b>	\$	<b>(3,178,479)</b>	<b>-26.23%</b>	Tribal (WAPA) excluded from Total
165										
166		<b>Wind Curtailment</b>	\$	<b>(1,210)</b>	\$	<b>(3,328)</b>	\$	<b>(2,118)</b>	<b>175.02%</b>	
167										
168		<b>Asset Based Sales</b>	\$	<b>(535,750)</b>	\$	<b>(962,874)</b>	\$	<b>(427,123)</b>	<b>79.72%</b>	Credit to MN FCA Calculation - Subtracted from Total
169		Fuel Costs	\$	(247,103)	\$	(470,378)	\$	(223,275)	90.36%	
170		Asset Based Margins	\$	(288,648)	\$	(492,496)	\$	(203,848)	70.62%	
171										
172		<b>Hoot Lake Solar Generation Credit</b>	\$	<b>(330,169)</b>	\$	<b>(123,192)</b>	\$	<b>206,977</b>	<b>(1)</b>	Effective January 2023
173										
174		<b>Steam Plant Reagents</b>	\$	<b>304,538</b>	\$	<b>163,636</b>	\$	<b>(140,903)</b>	<b>(0)</b>	Effective July 2022 - Docket No. E017/GR-20-719
175										
176		<b>Steam/Water Sales</b>	\$	<b>(105,852)</b>	\$	<b>(91,307)</b>	\$	<b>14,545</b>	<b>(0)</b>	Effective July 2022 - Docket No. E017/GR-20-719
177										
178		<b>Planning Resource Auction Revenues</b>	\$	<b>-</b>	\$	<b>(23)</b>	\$	<b>-</b>	<b>0</b>	Effective June 2022
179										
180		<b>Total System - Plant Level</b>	\$	<b>18,123,269</b>	\$	<b>11,219,580</b>	\$	<b>(6,903,688)</b>	<b>-38.09%</b>	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

\*\*\* These energy related charge types are reported in Market Purchases

		February 2024 Forecast to Actual - MWH		
		February 2024 Forecast	February 2024 Actual	Notes
Line	Plant Generation	[PROTECTED DATA BEGINS...]		
1	Big Stone			
2	Coyote			
3	Hoot Lake #2			Hoot Lake plant closed in May 2021
4	Hoot Lake #3			
5		...[PROTECTED DATA ENDS]		
6	Total Coal	230,344	120,697	
7		[PROTECTED DATA BEGINS...		
8	Langdon Wind			
9	Ashtabula Wind			
10	Ashtabula III			
11	Luverne Wind			
12	Merricourt			
13		...[PROTECTED DATA ENDS]		
14	Total Wind and Solar	119,807	86,872	
15				
16	Total Hydro	1,534	1,306	
17		[PROTECTED DATA BEGINS...		
18	Jamestown 1			
19	Jamestown 2			
20	Lake Preston			
21		...[PROTECTED DATA ENDS]		
22	Total Oil - Peaking Units		-	
23		[PROTECTED DATA BEGINS...		
24	Natural gas - Solway			
25	Natural gas - Astoria			
26		...[PROTECTED DATA ENDS]		
27	Total Natural Gas	9,636	55,655	
28		[PROTECTED DATA BEGINS...		
29	Solar - Blue Jay			
30	Solar - Blue Heron			
31	Solar - Hoot Lake			
32	Solar - Red Lake Falls Area SB Solar			
33	Solar - Karlstad Area SB			
34	Solar - Crookston Area SB			
35		...[PROTECTED DATA ENDS]		
36	Total Solar	4,452	5,482	
37				
38	Total OTP-Owned	365,773	270,011	
39				
40	Wholesale Market Charges			
41	MISO Wholesale Market Charges			
42	555.02 DA Asset Energy Amount***	N/A	N/A	
43	555.04 DA FBT Loss Amount	N/A	N/A	
44	555.09 DA Non-asset Energy Amount***	N/A	N/A	
45	555.19 RT Asset Energy Amount***	N/A	N/A	
46	555.24 RT Distribution of Losses Amount	N/A	N/A	
47	555.21 RT FBT Loss Amount	N/A	N/A	
48	DA Loss Amount	N/A	N/A	
49	RT Loss Amount	N/A	N/A	
50	555.26 RT Non-Asset Energy Amount***	N/A	N/A	
51	555.08 DA Losses Rebate on Option B GFA	N/A	N/A	
52	555.12 DA Virtual Energy Amount	N/A	N/A	
53	555.32 RT Virtual Energy Amount	N/A	N/A	
54	555.01 DA Mkt Admin Amount	N/A	N/A	
55	555.18 RT Mkt Admin Amount	N/A	N/A	
56	555.13 FTR Mkt Admin Amount	N/A	N/A	
57	555.03 DA FBT Congestion Amount	N/A	N/A	
58	DA Congestion	N/A	N/A	
59	555.2 RT FBT Congestion Amount	N/A	N/A	
60	RT Congestion	N/A	N/A	
61	555.14 FTR Hourly Allocation Amount	N/A	N/A	
62	555.15 FTR Monthly Allocation Amount	N/A	N/A	
63	555.17 FTR Yearly Allocation Amount	N/A	N/A	
64	555.35 FTR Monthly Transaction Amount	N/A	N/A	
65	555.36 FTR Full Funding Guarantee Amount	N/A	N/A	
66	555.37 FTR Guarantee Uplift Amount	N/A	N/A	
67	555.39 FTR Auction Revenue Rights Transaction Amount	N/A	N/A	
68	555.38 FTR Annual Transaction Amount	N/A	N/A	
69	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A	
70	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A	
71	555.07 DA Congestion Rebate on Option B GFA	N/A	N/A	
72	555.1 DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
73	555.11 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	555.3 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
76	555.42 RT Price Volatility Make Whole Payment	N/A	N/A	
77	555.28 RT Revenue Neutrality Uplift Amount	N/A	N/A	
78	555.25 RT Misc Amount	N/A	N/A	
79	555.27 RT Net Inadvertent Amount	N/A	N/A	
80	555.31 RT Uninstructed Deviation Amount	N/A	N/A	
81	555.59 RT Demand Response Allocation Uplift Amount	N/A	N/A	
82	555.63 DA Ramp Product	N/A	N/A	
83	555.64 RT Ramp Product	N/A	N/A	
84	555.65 RT Schedule 49 Cost Distribution Amount	N/A	N/A	
85	555.55 RT ASM Non-Excessive Energy Amount***	N/A	N/A	
86	555.56 RT ASM Excessive Energy Amount***	N/A	N/A	
87	555.05 DA Congestion Rebate on COGA	N/A	N/A	
88	555.06 DA Losses Rebate on COGA	N/A	N/A	
89	555.22 RT Congestion Rebate on COGA	N/A	N/A	
90	555.23 RT Loss Rebate on COGA	N/A	N/A	
91	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	555.19 DA Asset Energy Amount***	N/A	N/A	
97	555.03 DA Non-asset Energy Amount	N/A	N/A	
98	555.09 RT Asset Energy Amount***	N/A	N/A	
99	555 RT Non-Asset Energy Amount	N/A	N/A	
100	555.02 DA Make-Whole-Payment Distribution Amount	N/A	N/A	
101	555.1 RT Make-Whole-Payment Distribution Amount	N/A	N/A	
102	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
103	555.15 RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A	
104	555.04 DA Regulation-Down Distribution Amount	N/A	N/A	
105	555.05 DA Regulation-Up Distribution Amount	N/A	N/A	
106	555.06 DA Spinning Reserve Distribution Amount	N/A	N/A	
107	555.07 DA Supplemental Reserve Distribution Amount	N/A	N/A	
108	555.08 RT Contingency Reserve Deployment Failure Amount	N/A	N/A	
109	555.11 RT Over-Collected Losses Distribution Amount	N/A	N/A	
110	555.12 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 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	555.21 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 Demand Reduction Distribution Amount	N/A	N/A	
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	New charge type in 2022
123	555.32 DA Ramp Down Distribution Amount	N/A	N/A	New charge type in 2022

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	555.34	RT Ramp Up Distribution Amount	N/A	N/A	New charge type in 2022
126	555.35	RT Ramp Down Distribution Amount	N/A	N/A	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		<b>Total SPP Wholesale Market Charges</b>			
131					
132		<b>MISO ASM</b>			
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		<b>Total MISO ASM</b>			
150					
151		<b>Total Wholesale Market Charges</b>			
152					
153					
154		<b>Purchased Power</b>			
155			(PROTECTED DATA 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			...PROTECTED DATA ENDS)		
166		<b>Total Purchases</b>	<b>202,139</b>	<b>251,008</b>	Tribal (WAPA) excluded from Total
167					
168		<b>Wind Curtailment</b>	<b>3,773</b>	<b>(85)</b>	
169					
170		<b>Asset Based Sales</b>	<b>(6,824)</b>	<b>(26,691)</b>	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
172		Asset Based Margins			Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
173					
174		<b>Steam Plant Reagents</b>	-	-	Effective July 2022 - Docket No. E017/GR-20-719
175					
176		<b>Steam/Water Sales</b>	-	-	Effective July 2022 - Docket No. E017/GR-20-719
177					
178		<b>Planning Resource Auction Revenues</b>	-	-	Effective June 2022
179					
180		<b>Total System - Plant Level</b>	<b>580,510</b>	<b>494,243</b>	Tribal (WAPA) excluded from Total: Asset Based Sales subtracted from Total

		February 2024 Forecast to Actual - \$ per MWh		
		February 2024 Forecast	February 2024 Actual	
Line	Plant Generation	[PROTECTED DATA BEGINS...		Notes
1	Big Stone			
2	Coyote			
3		...PROTECTED DATA ENDS]		
4	Total Coal	\$ 26.18	\$ 28.69	
5		[PROTECTED DATA BEGINS...		
6	Langdon Wind			
7	Ashtabula Wind			
8	Ashtabula III			
9	Luverne Wind			
10	Merricourt			
11	Hoot Lake Solar			
12		...PROTECTED DATA ENDS]		
13	Total Wind	\$ -	\$ -	
14				
15	Total Hydro	\$ -	\$ -	
16		[PROTECTED DATA BEGINS...		
17	Jamestown 1			
18	Jamestown 2			
19	Lake Preston			
20		...PROTECTED DATA ENDS]		
21	Total Oil - Peaking Units	\$ -	\$ -	
22		[PROTECTED DATA BEGINS...		
23	Natural gas - Solway			
24	Natural gas - Astoria			
25		...PROTECTED DATA ENDS]		
26	Total Natural Gas	\$ 71.53	\$ 21.88	
27		[PROTECTED DATA BEGINS...		
28	Solar - Blue Jay			
29	Solar - Blue Heron			
30		...PROTECTED DATA ENDS]		
31	Total Solar	\$ -	0	
32				
33	Total OTP-Owned	\$ 97.71	\$ 50.57	
34				
35	Wholesale Market Charges			
36	MISO Wholesale Market Charges			
37	555.02 DA Asset Energy Amount***	N/A	N/A	
38	555.04 DA FBT Loss Amount	N/A	N/A	
39	555.09 DA Non-asset Energy Amount***	N/A	N/A	
40	555.19 RT Asset Energy Amount***	N/A	N/A	
41	555.24 RT Distribution of Losses Amount	N/A	N/A	
42	555.21 RT FBT Loss Amount	N/A	N/A	
43	DA Loss Amount	N/A	N/A	
44	RT Loss Amount	N/A	N/A	
45	555.26 RT Non-Asset Energy Amount***	N/A	N/A	
46	555.08 DA Losses Rebate on Option B GFA	N/A	N/A	
47	555.12 DA Virtual Energy Amount	N/A	N/A	
48	555.32 RT Virtual Energy Amount	N/A	N/A	
49	555.01 DA Mkt Admin Amount	N/A	N/A	
50	555.18 RT Mkt Admin Amount	N/A	N/A	
51	555.13 FTR Mkt Admin Amount	N/A	N/A	
52	555.03 DA FBT Congestion Amount	N/A	N/A	
53	DA Congestion	N/A	N/A	
54	555.2 RT FBT Congestion Amount	N/A	N/A	
55	RT Congestion	N/A	N/A	
56	555.14 FTR Hourly Allocation Amount	N/A	N/A	
57	555.15 FTR Monthly Allocation Amount	N/A	N/A	
58	555.17 FTR Yearly Allocation Amount	N/A	N/A	
59	555.35 FTR Monthly Transaction Amount	N/A	N/A	
60	555.36 FTR Full Funding Guarantee Amount	N/A	N/A	
61	555.37 FTR Guarantee Uplift Amount	N/A	N/A	
62	555.39 FTR Auction Revenue Rights Transaction Amount	N/A	N/A	
63	555.38 FTR Annual Transaction Amount	N/A	N/A	
64	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A	
65	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A	
66	555.07 DA Congestion Rebate on Option B GFA	N/A	N/A	
67	555.1 DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
68	555.11 DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
69	555.29 RT Revenue Sufficiency Guarantee First Pass Distribution Amount	N/A	N/A	
70	555.3 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
71	555.42 RT Price Volatility Make Whole Payment	N/A	N/A	
72	555.28 RT Revenue Neutrality Uplift Amount	N/A	N/A	
73	555.25 RT Misc Amount	N/A	N/A	
74	555.27 RT Net Inadvertent Amount	N/A	N/A	
75	555.31 RT Uninstructed Deviation Amount	N/A	N/A	
76	555.59 RT Demand Response Allocation Uplift Amount	N/A	N/A	
77	555.63 DA Ramp Product	N/A	N/A	
78	555.64 RT Ramp Product	N/A	N/A	
79	555.65 RT Schedule 49 Cost Distribution Amount	N/A	N/A	
80	555.55 RT ASM Non-Excessive Energy Amount***	N/A	N/A	
81	555.56 RT ASM Excessive Energy Amount***	N/A	N/A	
82	555.05 DA Congestion Rebate on COGA	N/A	N/A	
83	555.06 DA Losses Rebate on COGA	N/A	N/A	
84	555.22 RT Congestion Rebate on COGA	N/A	N/A	
85	555.23 RT Loss Rebate on COGA	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	555.03 DA Non-asset Energy Amount	N/A	N/A	
93	555.09 RT Asset Energy Amount***	N/A	N/A	
94	555 RT Non-Asset Energy Amount	N/A	N/A	
95	555.02 DA Make-Whole-Payment Distribution Amount	N/A	N/A	
96	555.1 RT Make-Whole-Payment Distribution Amount	N/A	N/A	
97	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
98	555.15 RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A	
99	555.04 DA Regulation-Down Distribution Amount	N/A	N/A	
100	555.05 DA Regulation-Up Distribution Amount	N/A	N/A	
101	555.06 DA Spinning Reserve Distribution Amount	N/A	N/A	
102	555.07 DA Supplemental Reserve Distribution Amount	N/A	N/A	
103	555.08 RT Contingency Reserve Deployment Failure Amount	N/A	N/A	
104	555.11 RT Over-Collected Losses Distribution Amount	N/A	N/A	
105	555.12 RT Regulation-Down Distribution Amount	N/A	N/A	
106	555.13 RT Regulation Non-Performance Distribution Amount	N/A	N/A	
107	555.14 RT Regulation-Up Distribution Amount	N/A	N/A	
108	555.16 RT Spinning Reserve Distribution Amount	N/A	N/A	
109	555.17 RT Supplemental Reserve Distribution Amount	N/A	N/A	
110	555.2 RT Pseudo Tie Congestion Amount	N/A	N/A	
111	555.21 RT Pseudo Tie Loss Amount	N/A	N/A	
112	555.23 Miscellaneous Amount	N/A	N/A	
113	555.26 ARR Closeout Yearly Amount	N/A	N/A	
114	555.28 RT Demand Reduction Distribution Amount	N/A	N/A	
115	555.29 RT Schedule 1A3 Amount	N/A	N/A	
116	555.30 RT Schedule 1A4 Amount	N/A	N/A	
117	555.31 DA Ramp Up Distribution Amount	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	555.33 RT Ramp Non Performance Distribution Amount	N/A	N/A	New charge type in 2022
120	555.34 RT Ramp Up Distribution Amount	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
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	N/A	
125		<b>Total SPP Wholesale Market Charges</b>			
126					
127		<b>MISO ASM</b>			
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		<b>Total MISO ASM</b>			
145					
146		<b>Total Wholesale Market Charges</b>			
147					
148					
149		<b>Purchased Power</b>			
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 Cogen			
158		Bilateral purchases			
159		Market Purchases			MISO and SPP Energy Only
160			...[PROTECTED DATA ENDS]		
161		<b>Total Purchases</b>	\$ 59.95	\$ 35.61	Tribal (WAPA) excluded from Total
162					
163		<b>Wind Curtailment</b>	\$ (0.32)	\$ 39.22	
164					
165		<b>Asset Based Sales</b>	\$ 60.72	\$ 36.07	
166		Fuel Costs	N/A	N/A	Fuel Cost MWh and Margin MWh are not separated - Need to compare total Asset Based Sales
167		Asset Based Margins	N/A	N/A	Fuel Cost MWh and Margin MWh are not separated - Need to compare total Asset Based Sales
168					
169		<b>Steam Plant Reagents</b>	NA	NA	Effective July 2022 - Docket No. E017/GR-20-719
170					
171		<b>Steam/Water Sales</b>	NA	NA	Effective July 2022 - Docket No. E017/GR-20-719
172					
173		<b>Planning Resource Auction Revenues</b>	N/A	N/A	Effective June 2022
174					
175		<b>Total System - Plant Level</b>	\$ 31.22	\$ 22.70	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

March 2024 Forecast to Actual - Expense (Revenue)						
Line	Plant Generation	March 2024		March 2024		Notes
		Forecast	Actual			
1	Big Stone	[PROTECTED DATA BEGINS...]				
2	Coyote					
3	Hoot Lake #2					Hoot Lake plant closed in May 2021
4	Hoot Lake #3					
5						
6		Total Coal	\$ 3,991,812	\$ 3,851,523	\$ (140,289)	-3.51%
7						
8	Langdon Wind	[PROTECTED DATA BEGINS...]				
9	Ashtabula Wind					
10	Luverne Wind					
11	Merricourt					
12						
13		Total Wind	\$ -	\$ -	\$ -	0
14						
15		Total Hydro	\$ -	\$ -	\$ -	0
16						
17	Jamestown 1	[PROTECTED DATA BEGINS...]				
18	Jamestown 2					
19	Lake Preston					
20						
21		Total Oil - Peaking Units	\$ -	\$ 3,230	\$ 3,230	0
22						
23	Natural gas - Solway	[PROTECTED DATA BEGINS...]				
24	Natural gas - Astoria					
25						
26		Total Natural Gas	\$ 69,011	\$ 655,179	\$ 586,168	849.38%
27						
28	Solar - Blue Jay	[PROTECTED DATA BEGINS...]				
29	Solar - Blue Heron					
30	Solar - Hoot Lake					
31						
32		Total Solar	\$ -	\$ -	\$ -	0
33						
34		Total OTP-Owned	\$ 4,060,823	\$ 4,509,932	\$ 449,109	11.06%
35						
36	Wholesale Market Charges					
37	MISO Wholesale Market Charges					
38	555.02 DA Asset Energy Amount***	\$ -	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
39	555.04 DA FBT Loss Amount	\$ -	\$ -	\$ -	\$ -	0
40	555.09 DA Non-asset Energy Amount***	\$ -	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
41	555.19 RT Asset Energy Amount***	\$ -	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
42	555.24 RT Distribution of Losses Amount	\$ (359,936)	\$ (262,390)	\$ 97,546		-27.10%
43	555.21 RT FBT Loss Amount	\$ -	\$ -	\$ -	\$ -	0
44	DA Loss Amount	\$ 910,239	\$ 444,030	\$ (466,209)		-51.22%
45	RT Loss Amount	\$ 52,082	\$ 40,595	\$ (11,487)		-22.06%
46	555.26 RT Non-Asset Energy Amount***	\$ -	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
47	555.08 DA Losses Rebate on Option B GFA	\$ -	\$ -	\$ -	\$ -	0
48	555.12 DA Virtual Energy Amount	\$ -	\$ -	\$ -	\$ -	0
49	555.32 RT Virtual Energy Amount	\$ -	\$ -	\$ -	\$ -	0
50	555.01 DA Mkt Admin Amount	\$ 66,708	\$ 64,255	\$ (2,453)		-3.68%
51	555.18 RT Mkt Admin Amount	\$ 10,346	\$ 8,993	\$ (1,352)		-13.07%
52	555.13 FTR Mkt Admin Amount	\$ 1,594	\$ 1,277	\$ (317)		-19.90%
53	555.03 DA FBT Congestion Amount	\$ -	\$ -	\$ -	\$ -	0
54	DA Congestion	\$ 2,636,825	\$ 2,058,626	\$ (578,200)		-21.93%
55	555.20 RT FBT Congestion Amount	\$ -	\$ -	\$ -	\$ -	0
56	RT Congestion	\$ 288,296	\$ (239,075)	\$ (527,371)		-182.93%
57	555.14 FTR Hourly Allocation Amount	\$ (3,168,141)	\$ (4,037,722)	\$ (869,582)		26.65%
58	555.15 FTR Monthly Allocation Amount	\$ (76,067)	\$ (82,330)	\$ (4,264)		5.46%
59	555.17 FTR Yearly Allocation Amount	\$ -	\$ -	\$ -	\$ -	0
60	555.35 FTR Monthly Transaction Amount	\$ -	\$ -	\$ -	\$ -	0
61	555.36 FTR Full Funding Guarantee Amount	\$ (22,492)	\$ (178,669)	\$ (156,177)		694.36%
62	555.37 FTR Guarantee Uplift Amount	\$ 23,452	\$ 178,672	\$ 155,220		661.86%
63	555.39 FTR Auction Revenue Rights Transaction Amount	\$ (3,922,956)	\$ (3,825,325)	\$ 97,631		-2.49%
64	555.38 FTR Annual Transaction Amount	\$ 3,914,118	\$ 3,522,289	\$ (391,849)		-10.01%
65	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	\$ 24,084	\$ 12,016	\$ (12,068)		-50.11%
66	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	\$ (84,610)	\$ (223,185)	\$ (138,575)		163.78%
67	555.07 DA Congestion Rebate on Option B GFA	\$ (0)	\$ -	\$ 0		-100.00%
68	555.10 DA Revenue Sufficiency Guarantee Distribution Amount	\$ 16,983	\$ 9,729	\$ (7,255)		-42.72%
69	555.11 DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (5,506)	\$ (700)	\$ 4,807		-87.29%
70	555.29 RT Revenue Sufficiency Guarantee First Pass Distribution Amount	\$ 53,082	\$ 1,582	\$ (51,500)		-97.02%
71	555.30 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (229,119)	\$ (9,736)	\$ 238,119		-100.00%
72	555.42 RT Price Volatility Make Whole Payment	\$ (55,542)	\$ (38,171)	\$ 17,371		-31.28%
73	555.28 RT Revenue Neutrality Uplift Amount	\$ 117,809	\$ 129,708	\$ 11,899		10.10%
74	555.25 RT Misc Amount	\$ 6,775	\$ (3,493)	\$ (10,268)		-151.57%
75	555.27 RT Net Inadvertent Amount	\$ 170	\$ (35,791)	\$ (35,961)		-21175.07%
76	555.31 RT Uninstructed Deviation Amount	\$ -	\$ -	\$ -	\$ -	0
77	555.59 RT Demand Response Allocation Uplift Amount	\$ 8,358	\$ 6,378	\$ (1,980)		-23.69%
78	555.63 DA Ramp Product	\$ (4,401)	\$ (9,736)	\$ (5,335)		121.23%
79	555.64 RT Ramp Product	\$ (807)	\$ (910)	\$ (103)		0.29%
80	555.65 RT Schedule 49 Cost Distribution Amount	\$ 14,974	\$ 24,301	\$ 9,327		62.28%
81	555.55 RT ASM Non-Excessive Energy Amount***	\$ -	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
82	555.56 RT ASM Excessive Energy Amount***	\$ -	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
83	555.05 DA Congestion Rebate on COGA	\$ -	\$ -	\$ -	\$ -	0
84	555.06 DA Losses Rebate on COGA	\$ -	\$ -	\$ -	\$ -	0
85	555.22 RT Congestion Rebate on COGA	\$ -	\$ -	\$ -	\$ -	0
86	555.23 RT Loss Rebate on COGA	\$ -	\$ -	\$ -	\$ -	0
87	Net Congestion and Losses Adjustment & No DA Generation Schedule	\$ -	\$ 84,669	\$ 84,669		0
88						
89		Total MISO Wholesale Market Charges	\$ 115,670	\$ (2,424,825)	\$ (2,540,495)	-2196.32%
90						Total Excludes Schedule 16 and 17 (Lines 40, 41, 42 Above)
91						
92	SPP Wholesale Market Charges					
93	555.19 DA Asset Energy Amount***	\$ -	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
94	555.03 DA Non-asset Energy Amount	\$ -	\$ -	\$ -	\$ -	0
95	555.09 RT Asset Energy Amount***	\$ -	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
96	555.00 RT Non-Asset Energy Amount	\$ -	\$ -	\$ -	\$ -	0
97	555.02 DA Make-Whole-Payment Distribution Amount	\$ -	\$ -	\$ -	\$ -	0
98	555.10 RT Make-Whole-Payment Distribution Amount	\$ 1,109	\$ 6	\$ (1,102)		-99.43%
99	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	\$ -	\$ -	\$ -	\$ -	0
100	555.15 RT Revenue Neutrality Uplift Distribution Amount	\$ 248	\$ (8)	\$ (255)		-103.05%
101	555.04 DA Regulation-Down Distribution Amount	\$ 16	\$ -	\$ (16)		-99.15%
102	555.05 DA Regulation-Up Distribution Amount	\$ 62	\$ 0	\$ (61)		-99.56%
103	555.06 DA Spinning Reserve Distribution Amount	\$ 74	\$ 0	\$ (74)		-99.73%
104	555.07 DA Supplemental Reserve Distribution Amount	\$ 11	\$ 0	\$ (11)		-99.53%
105	555.08 RT Contingency Reserve Deployment Failure Amount	\$ (2)	\$ -	\$ 2		-100.00%
106	555.11 RT Over-Collected Losses Distribution Amount	\$ (31,874)	\$ (6,386)	\$ 25,488		-79.96%
107	555.12 RT Regulation-Down Distribution Amount	\$ 3	\$ -	\$ (3)		-100.00%
108	555.13 RT Regulation-Non-Performance Distribution Amount	\$ (2)	\$ -	\$ 2		-100.00%
109	555.14 RT Regulation-Up Distribution Amount	\$ (3)	\$ -	\$ 3		-100.00%
110	555.16 RT Spinning Reserve Distribution Amount	\$ (1)	\$ -	\$ 1		-100.00%
111	555.17 RT Supplemental Reserve Distribution Amount	\$ (3)	\$ -	\$ 3		-100.00%
112	555.20 RT Pseudo Tie Congestion Amount	\$ (92,372)	\$ 53,851	\$ 146,223		-158.30%
113	555.21 RT Pseudo Tie Loss Amount	\$ (21,540)	\$ 6,156	\$ 27,696		-128.58%
114	555.23 Miscellaneous Amount	\$ (3)	\$ (0)	\$ 2		-94.46%
115	555.26 ARR Closeout Yearly Amount	\$ -	\$ -	\$ -	\$ -	0
116	555.28 RT Demand Reduction Distribution Amount	\$ 0	\$ 0	\$ (0)		-84.11%
117	555.29 RT Schedule 1A3 Amount	\$ 7	\$ 0	\$ (7)		-98.93%
118	555.30 RT Schedule 1A4 Amount	\$ 37	\$ 0	\$ (36)		-98.88%
119	555.31 DA Ramp Up Distribution Amount	\$ 74	\$ 0	\$ (74)		-99.97%
120	555.32 DA Ramp Down Distribution Amount	\$ -	\$ -	\$ -		0
121	555.33 RT Ramp Non Performance Distribution Amount	\$ (1)	\$ 0	\$ 1		-100.89%
122	555.34 RT Ramp Up Distribution Amount	\$ (5)	\$ -	\$ 5		-100.00%
123	555.35 RT Ramp Down Distribution Amount	\$ -	\$ -	\$ -		0
124	555.36 ArrAucTmAOamt	\$ -	\$ (90,508)	\$ (90,508)		0

124	555.37	RtURDDistAaAmt	\$	-	\$	-	\$	-	0	New charge type in 2024
125	555.01	DA GFA Carve Out Distribution Deployment Daily Amount	\$	28	\$	0	\$	(28)	-99.75%	
126	555.22	DA GFA Carve Out Distribution Deployment Monthly Amount	\$	-	\$	-	\$	-	0	
127	555.27	DA GFA Carve Out Distribution Deployment Yearly Amount	\$	-	\$	-	\$	-	0	
128		<b>Total SPP Wholesale Market Charges</b>	\$	<b>(144,139)</b>	\$	<b>(36,887)</b>	\$	<b>107,252</b>	<b>-74.41%</b>	
129										
130		<b>MISO ASM</b>								
131	555.43	Day Ahead Regulation Amount	\$	(39,067)	\$	(37,258)	\$	1,809	-4.63%	
132	555.46	Real Time Regulation Amount	\$	(3,227)	\$	(8,431)	\$	(5,204)	161.23%	
133	555.52	Regulation Cost Distribution Amount	\$	22,588	\$	17,568	\$	(5,020)	-22.23%	
134	555.66	Day Ahead Short-Term Reserve Amount	\$	(8,551)	\$	(11,559)	\$	(3,008)	35.17%	
135	555.67	Real Time Short-Term Reserve Amount	\$	174	\$	29	\$	(145)	-83.30%	
136	555.68	Short-Term Reserve Cost Distribution Amount	\$	4,862	\$	5,113	\$	251	5.16%	
137	555.44	Day Ahead Spinning Reserve Amount	\$	(26,886)	\$	(30,599)	\$	(3,713)	13.81%	
138	555.47	Real Time Spinning Reserve Amount	\$	1,807	\$	808	\$	(998)	-55.26%	
139	555.53	Spinning Reserve Cost Distribution Amount	\$	17,425	\$	15,489	\$	(1,936)	-11.11%	
140	555.45	Day Ahead Supplemental Reserve Amount	\$	(5,762)	\$	(3,236)	\$	2,526	-43.84%	
141	555.48	Real Time Supplemental Reserve Amount	\$	2,169	\$	1,785	\$	(385)	-17.72%	
142	555.54	Supplemental Reserve Cost Distribution Amount	\$	1,735	\$	1,458	\$	(277)	-15.98%	
143	555.51	Contingency Reserve Deployment Failure Charge Amount	\$	3,407	\$	-	\$	(3,407)	-100.00%	
144	555.5	Real Time Excessive Deficient Energy Deployment Charge Amount	\$	1,927	\$	2,568	\$	640	33.23%	
145	555.69	Short-Term Reserve Deployment Failure Charge Amount	\$	-	\$	-	\$	-	0	
146	555.49	Net Regulation Adjustment Amount	\$	1,016	\$	5,499	\$	4,483	441.44%	
147		<b>Total MISO ASM</b>	\$	<b>(26,384)</b>	\$	<b>(40,767)</b>	\$	<b>(14,383)</b>	<b>54.51%</b>	
148										
149		<b>Total Wholesale Market Charges</b>	\$	<b>(54,853)</b>	\$	<b>(2,502,478)</b>	\$	<b>(2,447,625)</b>	<b>4462.19%</b>	
150										
151										
152		<b>Purchased Power</b>								
153										
154		Edgeley PPA								
155		Langdon PPA								
156		Ashitabula 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
163										
164		<b>Total Purchases</b>	\$	<b>9,088,227</b>	\$	<b>5,027,560</b>	\$	<b>(4,060,667)</b>	<b>-44.68%</b>	Tribal (WAPA) excluded from Total
165										
166		<b>Wind Curtailment</b>	\$	<b>(281)</b>	\$	<b>11,369</b>	\$	<b>11,649</b>	<b>-4151.25%</b>	
167										
168		<b>Asset Based Sales</b>	\$	<b>(4,817)</b>	\$	<b>(614,373)</b>	\$	<b>(609,556)</b>	<b>12654.91%</b>	Credit to MN FCA Calculation - Subtracted from Total
169		Fuel Costs	\$	(3,756)	\$	(384,788)	\$	(381,032)	10144.50%	
170		Asset Based Margins	\$	(1,061)	\$	(229,584)	\$	(228,524)	21544.50%	
171										
172		<b>Hoot Lake Solar Generation Credit</b>	\$	<b>(336,039)</b>	\$	<b>(147,456)</b>	\$	<b>188,583</b>	<b>(1)</b>	Effective January 2023
173										
174		<b>Steam Plant Reagents</b>	\$	<b>197,180</b>	\$	<b>171,041</b>	\$	<b>(26,139)</b>	<b>(0)</b>	Effective July 2022 - Docket No. E017/GR-20-719
175										
176		<b>Steam/Water Sales</b>	\$	<b>(111,473)</b>	\$	<b>(93,315)</b>	\$	<b>18,158</b>	<b>(0)</b>	Effective July 2022 - Docket No. E017/GR-20-719
177										
178		<b>Planning Resource Auction Revenues</b>	\$	<b>-</b>	\$	<b>(32,179)</b>	\$	<b>-</b>	<b>0</b>	Effective June 2022
179										
180		<b>Total System - Plant Level</b>	\$	<b>12,838,768</b>	\$	<b>6,330,101</b>	\$	<b>(6,508,667)</b>	<b>-50.70%</b>	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

\*\*\* These energy related charge types are reported in Market Purchases



March 2024 Forecast to Actual - MWH					
		March 2024 Forecast	March 2024 Actual	Notes	
Line	Plant Generation	[PROTECTED DATA BEGINS...			
1	Big Stone				
2	Coyote				
3	Hoot Lake #2			Hoot Lake plant closed in May 2021	
4	Hoot Lake #3				
5		...[PROTECTED DATA ENDS]			
6	Total Coal	150,765	139,708		
7		[PROTECTED DATA BEGINS...			
8	Langdon Wind				
9	Ashtabula Wind				
10	Ashtabula III				
11	Luverne Wind				
12	Merricourt				
13		...[PROTECTED DATA ENDS]			
14	Total Wind and Solar	114,489	92,312		
15					
16	Total Hydro	1,699	1,112		
17		[PROTECTED DATA BEGINS...			
18	Jamestown 1				
19	Jamestown 2				
20	Lake Preston				
21		...[PROTECTED DATA ENDS]			
22	Total Oil - Peaking Units				
23		[PROTECTED DATA BEGINS...			
24	Natural gas - Solway				
25	Natural gas - Astoria				
26		...[PROTECTED DATA ENDS]			
27	Total Natural Gas	255	30,680		
28		[PROTECTED DATA BEGINS...			
29	Solar - Blue Jay				
30	Solar - Blue Heron				
31	Solar - Hoot Lake				
32	Solar - Red Lake Falls Area SB Solar				
33	Solar - Karlstad Area SB				
34	Solar - Crookston Area SB				
35		...[PROTECTED DATA ENDS]			
36	Total Solar	7,748	7,033		
37					
38	Total OTP-Owned	274,956	270,845		
39					
40	Wholesale Market Charges				
41	MISO Wholesale Market Charges				
42	555.02 DA Asset Energy Amount***	N/A	N/A		
43	555.04 DA FBT Loss Amount	N/A	N/A		
44	555.09 DA Non-asset Energy Amount***	N/A	N/A		
45	555.19 RT Asset Energy Amount***	N/A	N/A		
46	555.24 RT Distribution of Losses Amount	N/A	N/A		
47	555.21 RT FBT Loss Amount	N/A	N/A		
48	DA Loss Amount	N/A	N/A		
49	RT Loss Amount	N/A	N/A		
50	555.26 RT Non-Asset Energy Amount***	N/A	N/A		
51	555.08 DA Losses Rebate on Option B GFA	N/A	N/A		
52	555.12 DA Virtual Energy Amount	N/A	N/A		
53	555.32 RT Virtual Energy Amount	N/A	N/A		
54	555.01 DA Mkt Admin Amount	N/A	N/A		
55	555.18 RT Mkt Admin Amount	N/A	N/A		
56	555.13 FTR Mkt Admin Amount	N/A	N/A		
57	555.03 DA FBT Congestion Amount	N/A	N/A		
58	DA Congestion	N/A	N/A		
59	555.2 RT FBT Congestion Amount	N/A	N/A		
60	RT Congestion	N/A	N/A		
61	555.14 FTR Hourly Allocation Amount	N/A	N/A		
62	555.15 FTR Monthly Allocation Amount	N/A	N/A		
63	555.17 FTR Yearly Allocation Amount	N/A	N/A		
64	555.35 FTR Monthly Transaction Amount	N/A	N/A		
65	555.36 FTR Full Funding Guarantee Amount	N/A	N/A		
66	555.37 FTR Guarantee Uplift Amount	N/A	N/A		
67	555.39 FTR Auction Revenue Rights Transaction Amount	N/A	N/A		
68	555.38 FTR Annual Transaction Amount	N/A	N/A		
69	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A		
70	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A		
71	555.07 DA Congestion Rebate on Option B GFA	N/A	N/A		
72	555.1 DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A		
73	555.11 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	555.3 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A		
76	555.42 RT Price Volatility Make Whole Payment	N/A	N/A		
77	555.28 RT Revenue Neutrality Uplift Amount	N/A	N/A		
78	555.25 RT Misc Amount	N/A	N/A		
79	555.27 RT Net Inadvertent Amount	N/A	N/A		
80	555.31 RT Uninstructed Deviation Amount	N/A	N/A		
81	555.59 RT Demand Response Allocation Uplift Amount	N/A	N/A		
82	555.63 DA Ramp Product	N/A	N/A		
83	555.64 RT Ramp Product	N/A	N/A		
84	555.65 RT Schedule 49 Cost Distribution Amount	N/A	N/A		
85	555.55 RT ASM Non-Excessive Energy Amount***	N/A	N/A		
86	555.56 RT ASM Excessive Energy Amount***	N/A	N/A		
87	555.05 DA Congestion Rebate on COGA	N/A	N/A		
88	555.06 DA Losses Rebate on COGA	N/A	N/A		
89	555.22 RT Congestion Rebate on COGA	N/A	N/A		
90	555.23 RT Loss Rebate on COGA	N/A	N/A		
91	Net Congestion and Losses Adjustment & No DA Generation Sched.	N/A	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	555.03 DA Non-asset Energy Amount	N/A	N/A		
98	555.09 RT Asset Energy Amount***	N/A	N/A		
99	555 RT Non-Asset Energy Amount	N/A	N/A		
100	555.02 DA Make-Whole-Payment Distribution Amount	N/A	N/A		
101	555.1 RT Make-Whole-Payment Distribution Amount	N/A	N/A		
102	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A		
103	555.15 RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A		
104	555.04 DA Regulation-Down Distribution Amount	N/A	N/A		
105	555.05 DA Regulation-Up Distribution Amount	N/A	N/A		
106	555.06 DA Spinning Reserve Distribution Amount	N/A	N/A		
107	555.07 DA Supplemental Reserve Distribution Amount	N/A	N/A		
108	555.08 RT Contingency Reserve Deployment Failure Amount	N/A	N/A		
109	555.11 RT Over-Collected Losses Distribution Amount	N/A	N/A		
110	555.12 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 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	555.21 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 Demand Reduction Distribution Amount	N/A	N/A		
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	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	555.34	RT Ramp Up Distribution Amount	N/A	N/A	New charge type in 2022
126	555.35	RT Ramp Down Distribution Amount	N/A	N/A	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		<b>Total SPP Wholesale Market Charges</b>			
131					
132		<b>MISO ASM</b>			
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		<b>Total MISO ASM</b>			
150					
151		<b>Total Wholesale Market Charges</b>			
152					
153					
154		<b>Purchased Power</b>			
155			[PROTECTED DATA 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			...PROTECTED DATA ENDS]		
166		<b>Total Purchases</b>	<b>253,486</b>	<b>239,529</b>	Tribal (WAPA) excluded from Total
167					
168		<b>Wind Curtailment</b>	<b>(7)</b>	<b>290</b>	
169					
170		<b>Asset Based Sales</b>	<b>(140)</b>	<b>(19,390)</b>	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
172		Asset Based Margins			Fuel Cost MWh and Margin MWh are not separated - Need to compare total Asset Based Sales
173					
174		<b>Steam Plant Reagents</b>	-	-	Effective July 2022 - Docket No. E017/GR-20-719
175					
176		<b>Steam/Water Sales</b>	-	-	Effective July 2022 - Docket No. E017/GR-20-719
177					
178		<b>Planning Resource Auction Revenues</b>	-	-	Effective June 2022
179					
180		<b>Total System - Plant Level</b>	<b>528,294</b>	<b>491,275</b>	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

		March 2024 Forecast to Actual - \$ per MWh			
		March 2024 Forecast	March 2024 Actual		Notes
Line	Plant Generation	[PROTECTED DATA BEGINS...]			
1	Big Stone				
2	Coyote				
3		...PROTECTED DATA ENDS]			
4		Total Coal	\$ 26.48	\$ 27.57	
5		[PROTECTED DATA BEGINS...]			
6	Langdon Wind				
7	Ashtabula Wind				
8	Ashtabula III				
9	Luverne Wind				
10	Merricourt				
11		...PROTECTED DATA ENDS]			
12		Total Wind	\$ -	\$ -	
13		[PROTECTED DATA BEGINS...]			
14		Total Hydro	\$ -	\$ -	
15		[PROTECTED DATA BEGINS...]			
16	Jamestown 1				
17	Jamestown 2				
18	Lake Preston				
19		...PROTECTED DATA ENDS]			
20		Total Oil - Peaking Units	\$ -	\$ -	
21		[PROTECTED DATA BEGINS...]			
22	Natural gas - Solway				
23	Natural gas - Astoria				
24		...PROTECTED DATA ENDS]			
25		Total Natural Gas	\$ 270.63	\$ 21.36	
26		[PROTECTED DATA BEGINS...]			
27	Solar - Blue Jay				
28	Solar - Blue Heron				
29	Hoot Lake Solar				
30		...PROTECTED DATA ENDS]			
31		Total Solar	\$ -	0	
32		[PROTECTED DATA BEGINS...]			
33		Total OTP-Owned	\$ 297.11	\$ 48.92	
34					
35	Wholesale Market Charges				
36	MISO Wholesale Market Charges				
37	555.02	DA Asset Energy Amount***	N/A	N/A	
38	555.04	DA FBT Loss Amount	N/A	N/A	
39	555.09	DA Non-asset Energy Amount***	N/A	N/A	
40	555.19	RT Asset Energy Amount***	N/A	N/A	
41	555.24	RT Distribution of Losses Amount	N/A	N/A	
42	555.21	RT FBT Loss Amount	N/A	N/A	
43		DA Loss Amount	N/A	N/A	
44		RT Loss Amount	N/A	N/A	
45	555.26	RT Non-Asset Energy Amount***	N/A	N/A	
46	555.08	DA Losses Rebate on Option B GFA	N/A	N/A	
47	555.12	DA Virtual Energy Amount	N/A	N/A	
48	555.32	RT Virtual Energy Amount	N/A	N/A	
49	555.01	DA Mkt Admin Amount	N/A	N/A	
50	555.18	RT Mkt Admin Amount	N/A	N/A	
51	555.13	FTR Mkt Admin Amount	N/A	N/A	
52	555.03	DA FBT Congestion Amount	N/A	N/A	
53		DA Congestion	N/A	N/A	
54	555.2	RT FBT Congestion Amount	N/A	N/A	
55		RT Congestion	N/A	N/A	
56	555.14	FTR Hourly Allocation Amount	N/A	N/A	
57	555.15	FTR Monthly Allocation Amount	N/A	N/A	
58	555.17	FTR Yearly Allocation Amount	N/A	N/A	
59	555.35	FTR Monthly Transaction Amount	N/A	N/A	
60	555.36	FTR Full Funding Guarantee Amount	N/A	N/A	
61	555.37	FTR Guarantee Uplift Amount	N/A	N/A	
62	555.39	FTR Auction Revenue Rights Transaction Amount	N/A	N/A	
63	555.38	FTR Annual Transaction Amount	N/A	N/A	
64	555.40	FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A	
65	555.41	FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A	
66	555.07	DA Congestion Rebate on Option B GFA	N/A	N/A	
67	555.1	DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
68	555.11	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
69	555.29	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	N/A	N/A	
70	555.3	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
71	555.42	RT Price Volatility Make Whole Payment	N/A	N/A	
72	555.28	RT Revenue Neutrality Uplift Amount	N/A	N/A	
73	555.25	RT Misc Amount	N/A	N/A	
74	555.27	RT Net Inadvertent Amount	N/A	N/A	
75	555.31	RT Uninstructed Deviation Amount	N/A	N/A	
76	555.59	RT Demand Response Allocation Uplift Amount	N/A	N/A	
77	555.63	DA Ramp Product	N/A	N/A	
78	555.64	RT Ramp Product	N/A	N/A	
79	555.65	RT Schedule 49 Cost Distribution Amount	N/A	N/A	
80	555.55	RT ASM Non-Excessive Energy Amount***	N/A	N/A	
81	555.56	RT ASM Excessive Energy Amount***	N/A	N/A	
82	555.05	DA Congestion Rebate on COGA	N/A	N/A	
83	555.06	DA Losses Rebate on COGA	N/A	N/A	
84	555.22	RT Congestion Rebate on COGA	N/A	N/A	
85	555.23	RT Loss Rebate on COGA	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	555.03	DA Non-asset Energy Amount	N/A	N/A	
93	555.09	RT Asset Energy Amount***	N/A	N/A	
94	555	RT Non-Asset Energy Amount	N/A	N/A	
95	555.02	DA Make-Whole-Payment Distribution Amount	N/A	N/A	
96	555.1	RT Make-Whole-Payment Distribution Amount	N/A	N/A	
97	555.18	RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
98	555.15	RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A	
99	555.04	DA Regulation-Down Distribution Amount	N/A	N/A	
100	555.05	DA Regulation-Up Distribution Amount	N/A	N/A	
101	555.06	DA Spinning Reserve Distribution Amount	N/A	N/A	
102	555.07	DA Supplemental Reserve Distribution Amount	N/A	N/A	
103	555.08	RT Contingency Reserve Deployment Failure Amount	N/A	N/A	
104	555.11	RT Over-Collected Losses Distribution Amount	N/A	N/A	
105	555.12	RT Regulation-Down Distribution Amount	N/A	N/A	
106	555.13	RT Regulation Non-Performance Distribution Amount	N/A	N/A	
107	555.14	RT Regulation-Up Distribution Amount	N/A	N/A	
108	555.16	RT Spinning Reserve Distribution Amount	N/A	N/A	
109	555.17	RT Supplemental Reserve Distribution Amount	N/A	N/A	
110	555.2	RT Pseudo Tie Congestion Amount	N/A	N/A	
111	555.21	RT Pseudo Tie Loss Amount	N/A	N/A	
112	555.23	Miscellaneous Amount	N/A	N/A	
113	555.26	ARR Closeout Yearly Amount	N/A	N/A	
114	555.28	RT Demand Reduction Distribution Amount	N/A	N/A	
115	555.29	RT Schedule 1A3 Amount	N/A	N/A	
116	555.30	RT Schedule 1A4 Amount	N/A	N/A	
117	555.31	DA Ramp Up Distribution Amount	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	555.33	RT Ramp Non Performance Distribution Amount	N/A	N/A	New charge type in 2022
120	555.34	RT Ramp Up Distribution Amount	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
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	N/A	
125		<b>Total SPP Wholesale Market Charges</b>			
126					
127		<b>MISO ASM</b>			
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		<b>Total MISO ASM</b>			
145					
146		<b>Total Wholesale Market Charges</b>			
147					
148					
149		<b>Purchased Power</b>			
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 DATA ENDS		
161		<b>Total Purchases</b>	\$	35.85	\$ 20.99
162					Tribal (WAPA) excluded from Total
163		<b>Wind Curtailment</b>	\$	39.22	\$ 39.22
164					
165		<b>Asset Based Sales</b>	\$	34.48	\$ 31.69
166		Fuel Costs	N/A	N/A	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
167		Asset Based Margins	N/A	N/A	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
168					
169		<b>Steam Plant Reagents</b>	NA	NA	Effective July 2022 - Docket No. E017/GR-20-719
170					
171		<b>Steam/Water Sales</b>	NA	NA	Effective July 2022 - Docket No. E017/GR-20-719
172					
173		<b>Planning Resource Auction Revenues</b>	N/A	N/A	Effective June 2022
174					
175		<b>Total System - Plant Level</b>	\$	24.30	\$ 12.89
					Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

April 2024 Forecast to Actual - Expense (Revenue)							Notes
Line	Plant Generation	April 2024 Forecast	April 2024 Actual				
1	Big Stone	[PROTECTED DATA BEGINS...]					
2	Coyote						
3	Hoot Lake #2						Hoot Lake plant closed in May 2021
4	Hoot Lake #3						
5						...[PROTECTED DATA ENDS]	
6		Total Coal	\$ 3,032,494	\$ 2,635,837	\$ (396,657)	-13.08%	
7		[PROTECTED DATA BEGINS...]					
8	Langdon Wind						
9	Ashtabula Wind						
10	Luverne Wind						
11	Merricourt						
12						...[PROTECTED DATA ENDS]	
13		Total Wind	\$ -	\$ -	\$ -	0	
14							
15		Total Hydro	\$ -	\$ -	\$ -	0	
16		[PROTECTED DATA BEGINS...]					
17	Jamestown 1						
18	Jamestown 2						
19	Lake Preston						
20						...[PROTECTED DATA ENDS]	
21		Total Oil - Peaking Units	\$ -	\$ 7,592	\$ 7,592	0	
22		[PROTECTED DATA BEGINS...]					
23	Natural gas - Solway						
24	Natural gas - Astoria						
25						...[PROTECTED DATA ENDS]	
26		Total Natural Gas	\$ 159,831	\$ 536,712	\$ 376,881	235.80%	
27		[PROTECTED DATA BEGINS...]					
28	Solar - Blue Jay						
29	Solar - Blue Heron						
30	Solar - Hoot Lake						
31						...[PROTECTED DATA ENDS]	
32		Total Solar	\$ -	\$ -	\$ -	0	
33							
34		Total OTP-Owned	\$ 3,192,325	\$ 3,180,141	\$ (12,184)	-0.38%	
35							
36	Wholesale Market Charges						
37	MISO Wholesale Market Charges						
38	555.02	DA Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
39	555.04	DA FBT Loss Amount	\$ -	\$ -	\$ -	0	
40	555.09	DA Non-asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
41	555.19	RT Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
42	555.24	RT Distribution of Losses Amount	\$ (323,140)	\$ (149,943)	\$ 173,197	-53.60%	
43	555.21	RT FBT Loss Amount	\$ -	\$ -	\$ -	0	
44	555.01	DA Loss Amount	\$ 817,187	\$ 449,038	\$ (368,149)	-45.05%	
45	555.02	RT Loss Amount	\$ 46,758	\$ 81,913	\$ 35,156	75.19%	
46	555.26	RT Non-Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
47	555.08	DA Losses Rebate on Option B GFA	\$ -	\$ -	\$ -	0	
48	555.12	DA Virtual Energy Amount	\$ -	\$ -	\$ -	0	
49	555.32	RT Virtual Energy Amount	\$ -	\$ -	\$ -	0	
50	555.01	DA Mkt Admin Amount	\$ 68,531	\$ 72,061	\$ 3,529	5.15%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
51	555.18	RT Mkt Admin Amount	\$ 11,332	\$ 9,483	\$ (1,849)	-16.32%	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	555.03	DA FBT Congestion Amount	\$ -	\$ -	\$ -	0	
54	555.03	DA Congestion	\$ 2,367,267	\$ 2,321,066	\$ (46,201)	-1.95%	
55	555.20	RT FBT Congestion Amount	\$ -	\$ -	\$ -	0	
56	555.14	RT Congestion	\$ 258,824	\$ 276,928	\$ 18,104	6.99%	
57	555.14	FTR Hourly Allocation Amount	\$ (2,862,223)	\$ (5,804,409)	\$ (2,942,187)	-102.79%	
58	555.15	FTR Monthly Allocation Amount	\$ (70,086)	\$ (48,746)	\$ 21,340	-30.45%	
59	555.17	FTR Yearly Allocation Amount	\$ -	\$ -	\$ -	0	
60	555.35	FTR Monthly Transaction Amount	\$ -	\$ -	\$ -	0	
61	555.36	FTR Full Funding Guarantee Amount	\$ (54,157)	\$ (477,098)	\$ (422,941)	-780.95%	
62	555.37	FTR Guarantee Uplift Amount	\$ 53,437	\$ 460,075	\$ 406,638	760.97%	
63	555.39	FTR Auction Revenue Rights Transaction Amount	\$ (1,004,967)	\$ (3,825,325)	\$ (2,820,358)	-280.64%	
64	555.38	FTR Annual Transaction Amount	\$ 1,003,431	\$ 3,522,269	\$ 2,518,838	251.02%	
65	555.40	FTR Auction Revenue Rights Infeasible Uplift Amount	\$ 8,657	\$ 11,997	\$ 3,340	38.58%	
66	555.41	FTR Auction Revenue Rights Stage 2 Distribution Amount	\$ (38,241)	\$ (223,246)	\$ (185,005)	-483.79%	
67	555.07	DA Congestion Rebate on Option B GFA	\$ -	\$ -	\$ -	0	
68	555.10	DA Revenue Sufficiency Guarantee Distribution Amount	\$ 11,676	\$ 9,480	\$ (2,196)	-18.81%	
69	555.11	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (3,343)	\$ (1,720)	\$ 1,623	-48.55%	
70	555.29	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	\$ 53,082	\$ 2,840	\$ (50,242)	-94.65%	
71	555.30	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (229,119)	\$ 229,119	\$ 458,238	-100.00%	
72	555.42	RT Price Volatility Make Whole Payment	\$ (55,542)	\$ (54,124)	\$ 1,418	-2.55%	
73	555.28	RT Revenue Neutrality Uplift Amount	\$ 117,809	\$ 118,940	\$ 1,131	0.96%	
74	555.25	RT Misc Amount	\$ 6,775	\$ 214	\$ (6,561)	-96.84%	
75	555.27	RT Net Inadvertent Amount	\$ 170	\$ 4,351	\$ 4,181	2462.10%	
76	555.31	RT Uninstructed Deviation Amount	\$ -	\$ -	\$ -	0	
77	555.59	RT Demand Response Allocation Uplift Amount	\$ 17,872	\$ 115	\$ (17,757)	-99.35%	
78	555.63	DA Ramp Product	\$ (3,021)	\$ (13,466)	\$ (10,445)	-345.76%	
79	555.64	RT Ramp Product	\$ 82	\$ (1,545)	\$ (1,627)	-1990.90%	
80	555.65	RT Schedule 49 Cost Distribution Amount	\$ 14,974	\$ 28,749	\$ 13,775	91.99%	
81	555.55	RT ASM Non-Excessive Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
82	555.56	RT ASM Excessive Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
83	555.05	DA Congestion Rebate on COGA	\$ -	\$ -	\$ -	0	
84	555.06	DA Losses Rebate on COGA	\$ -	\$ -	\$ -	0	
85	555.22	RT Congestion Rebate on COGA	\$ -	\$ -	\$ -	0	
86	555.23	RT Loss Rebate on COGA	\$ -	\$ -	\$ -	0	
87		Net Congestion and Losses Adjustment & No DA Generation Schedule	\$ -	\$ 125,444	\$ 125,444	0	
88							
89		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)
90							
91	SPP Wholesale Market Charges						
92	555.19	DA Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
93	555.03	DA Non-asset Energy Amount	\$ -	\$ -	\$ -	0	
94	555.09	RT Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
95	555.00	RT Non-Asset Energy Amount	\$ -	\$ -	\$ -	0	
96	555.02	DA Make-Whole-Payment Distribution Amount	\$ -	\$ -	\$ -	0	
97	555.10	RT Make-Whole-Payment Distribution Amount	\$ 1,109	\$ 522	\$ (587)	-52.94%	
98	555.18	RT Revenue Sufficiency Guarantee Distribution Amount	\$ -	\$ -	\$ -	0	
99	555.15	RT Revenue Neutrality Uplift Distribution Amount	\$ 248	\$ 196	\$ (51)	-20.78%	
100	555.04	DA Regulation-Down Distribution Amount	\$ 16	\$ 45	\$ 29	176.08%	
101	555.05	DA Regulation-Up Distribution Amount	\$ 62	\$ 85	\$ 24	38.85%	
102	555.06	DA Spinning Reserve Distribution Amount	\$ 74	\$ 47	\$ (27)	-36.55%	
103	555.07	DA Supplemental Reserve Distribution Amount	\$ 11	\$ 13	\$ 2	23.43%	
104	555.08	RT Contingency Reserve Deployment Failure Amount	\$ (2)	\$ (0)	\$ 2	-99.47%	
105	555.11	RT Over-Collected Losses Distribution Amount	\$ (28,616)	\$ (6,553)	\$ 22,063	-77.10%	
106	555.12	RT Regulation-Down Distribution Amount	\$ 3	\$ 8	\$ 5	160.48%	
107	555.13	RT Regulation-Non-Performance Distribution Amount	\$ (2)	\$ (1)	\$ (9)	-392.66%	
108	555.14	RT Regulation-Up Distribution Amount	\$ (3)	\$ (2)	\$ 2	-50.62%	
109	555.16	RT Spinning Reserve Distribution Amount	\$ (1)	\$ 1	\$ 2	-162.35%	
110	555.17	RT Supplemental Reserve Distribution Amount	\$ (3)	\$ (2)	\$ 1	-48.30%	
111	555.20	RT Pseudo Tie Congestion Amount	\$ (82,929)	\$ (55,842)	\$ 27,087	-32.66%	
112	555.21	RT Pseudo Tie Loss Amount	\$ (19,338)	\$ 9,200	\$ 28,538	-147.57%	
113	555.23	Miscellaneous Amount	\$ (3)	\$ -	\$ 3	-100.00%	
114	555.26	ARR Closeout Yearly Amount	\$ -	\$ -	\$ -	0	
115	555.28	RT Demand Reduction Distribution Amount	\$ 0	\$ -	\$ (0)	-100.00%	
116	555.29	RT Schedule 1A3 Amount	\$ 7	\$ 13	\$ 5	70.98%	
117	555.30	RT Schedule 1A4 Amount	\$ 37	\$ 40	\$ 3	9.18%	
118	555.31	DA Ramp Up Distribution Amount	\$ 74	\$ 5	\$ (69)	-92.66%	New charge type in 2022
119	555.32	DA Ramp Down Distribution Amount	\$ -	\$ -	\$ -	0	New charge type in 2022
120	555.33	RT Ramp Non Performance Distribution Amount	\$ (1)	\$ (0)	\$ 1	-91.08%	New charge type in 2022
121	555.34	RT Ramp Up Distribution Amount	\$ (5)	\$ (0)	\$ 5	-98.85%	New charge type in 2022
122	555.35	RT Ramp Down Distribution Amount	\$ -	\$ -	\$ -	0	New charge type in 2022
123	555.36	ArrAucTmAOamt	\$ -	\$ -	\$ -	0	New charge type in 2024

124	555.37	RtURDDistAaAmt	\$	-	\$	-	\$	-	0	New charge type in 2024
125	555.01	DA GFA Carve Out Distribution Deployment Daily Amount	\$	28	\$	18	\$	(9)	-33.39%	
126	555.22	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		<b>Total SPP Wholesale Market Charges</b>	\$	<b>(129,236)</b>	\$	<b>(52,215)</b>	\$	<b>77,020</b>	<b>-59.60%</b>	
129										
130		<b>MISO ASM</b>								
131	555.43	Day Ahead Regulation Amount	\$	(31,994)	\$	(40,604)	\$	(8,610)	26.91%	
132	555.46	Real Time Regulation Amount	\$	6,097	\$	(52,550)	\$	(58,647)	-961.89%	
133	555.52	Regulation Cost Distribution Amount	\$	21,902	\$	17,079	\$	(4,822)	-22.02%	
134	555.56	Day Ahead Short-Term Reserve Amount	\$	(28,781)	\$	(30,121)	\$	(1,340)	4.66%	
135	555.67	Real Time Short-Term Reserve Amount	\$	1,076	\$	2,198	\$	1,122	104.30%	
136	555.68	Short-Term Reserve Cost Distribution Amount	\$	15,272	\$	13,758	\$	(1,514)	-9.91%	
137	555.44	Day Ahead Spinning Reserve Amount	\$	(59,416)	\$	(31,073)	\$	28,344	-47.70%	
138	555.47	Real Time Spinning Reserve Amount	\$	16,016	\$	12,162	\$	(3,854)	-24.06%	
139	555.53	Spinning Reserve Cost Distribution Amount	\$	23,291	\$	14,202	\$	(9,089)	-39.02%	
140	555.45	Day Ahead Supplemental Reserve Amount	\$	(16,640)	\$	(7,481)	\$	9,159	-55.04%	
141	555.48	Real Time Supplemental Reserve Amount	\$	8,622	\$	(43,302)	\$	(51,924)	-602.25%	
142	555.54	Supplemental Reserve Cost Distribution Amount	\$	2,845	\$	3,249	\$	404	14.20%	
143	555.51	Contingency Reserve Deployment Failure Charge Amount	\$	3,407	\$	-	\$	(3,407)	-100.00%	
144	555.5	Real Time Excessive Deficient Energy Deployment Charge Amount	\$	1,927	\$	16,739	\$	14,812	768.65%	
145	555.69	Short-Term Reserve Deployment Failure Charge Amount	\$	-	\$	-	\$	-	0	
146	555.49	Net Regulation Adjustment Amount	\$	1,016	\$	3,446	\$	2,430	239.18%	
147		<b>Total MISO ASM</b>	\$	<b>(35,362)</b>	\$	<b>(122,297)</b>	\$	<b>(86,935)</b>	<b>245.84%</b>	
148										
149		<b>Total Wholesale Market Charges</b>	\$	<b>(30,437)</b>	\$	<b>(3,360,716)</b>	\$	<b>(3,330,279)</b>	<b>10941.72%</b>	
150										
151										
152		<b>Purchased Power</b>								
153		[PROTECTED DATA BEGINS...								
154		Edgeley PPA								
155		Langdon PPA								
156		Ashitabula 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
163										
164		<b>Total Purchases</b>	\$	<b>7,258,704</b>	\$	<b>3,939,218</b>	\$	<b>(3,319,486)</b>	<b>-45.73%</b>	Tribal (WAPA) excluded from Total
165										
166		<b>Wind Curtailment</b>	\$	<b>19,182</b>	\$	<b>432</b>	\$	<b>(18,751)</b>	<b>-97.75%</b>	
167										
168		<b>Asset Based Sales</b>	\$	<b>(53,571)</b>	\$	<b>(533,876)</b>	\$	<b>(480,305)</b>	<b>896.58%</b>	Credit to MN FCA Calculation - Subtracted from Total
169		Fuel Costs	\$	(24,093)	\$	(550,783)	\$	(526,690)	2186.07%	
170		Asset Based Margins	\$	(29,478)	\$	16,907	\$	46,385	-157.35%	
171										
172		<b>Hoot Lake Solar Generation Credit</b>	\$	<b>(339,658)</b>	\$	<b>(313,019)</b>	\$	<b>26,638</b>	<b>(0)</b>	Effective January 2023
173										
174		<b>Steam Plant Reagents</b>	\$	<b>129,375</b>	\$	<b>135,530</b>	\$	<b>6,155</b>	<b>0</b>	Effective July 2022 - Docket No. E017/GR-20-719
175										
176		<b>Steam/Water Sales</b>	\$	<b>(81,616)</b>	\$	<b>(64,371)</b>	\$	<b>17,245</b>	<b>(0)</b>	Effective July 2022 - Docket No. E017/GR-20-719
177										
178		<b>Planning Resource Auction Revenues</b>	\$	<b>-</b>	\$	<b>(49,068)</b>	\$	<b>-</b>	<b>0</b>	Effective June 2022
179										
180		<b>Total System - Plant Level</b>	\$	<b>10,094,306</b>	\$	<b>2,934,270</b>	\$	<b>(7,160,035)</b>	<b>-70.93%</b>	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

\*\*\* These energy related charge types are reported in Market Purchases

April 2024 Forecast to Actual - Expense (Revenue)					
Line	Plant Generation	April 2024 Forecast	April 2024 Actual	Notes	
1	Big Stone	[PROTECTED DATA BEGINS...]			
2	Coyote				
3	Hoot Lake #2			Hoot Lake plant closed in May 2021	
4	Hoot Lake #3				
5		...PROTECTED DATA ENDS]			
6	Total Coal	121,122	102,109		
7		[PROTECTED DATA BEGINS...			
8	Langdon Wind				
9	Ashtabula Wind				
10	Ashtabula III				
11	Luverne Wind				
12	Merricourt				
13		...PROTECTED DATA ENDS]			
14	Total Wind and Solar	110,987	101,194		
15					
16	Total Hydro	1,644	1,004		
17		[PROTECTED DATA BEGINS...			
18	Jamestown 1				
19	Jamestown 2				
20	Lake Preston				
21		...PROTECTED DATA ENDS]			
22	Total Oil - Peaking Units				
23		[PROTECTED DATA BEGINS...			
24	Natural gas - Solway				
25	Natural gas - Astoria				
26		...PROTECTED DATA ENDS]			
27	Total Natural Gas	3,203	27,459		
28		[PROTECTED DATA BEGINS...			
29	Solar - Blue Jay				
30	Solar - Blue Heron				
31	Solar - Hoot Lake				
32	Solar - Red Lake Falls Area SB Solar				
33	Solar - Karlstad Area SB				
34	Solar - Crookston Area SB				
35		...PROTECTED DATA ENDS]			
36	Total Solar	9,386	5,707		
37					
38	Total OTP-Owned	246,342	237,473		
39					
40	Wholesale Market Charges				
41	MISO Wholesale Market Charges				
42	555.02 DA Asset Energy Amount**	N/A	N/A		
43	555.04 DA FBT Loss Amount	N/A	N/A		
44	555.09 DA Non-asset Energy Amount***	N/A	N/A		
45	555.19 RT Asset Energy Amount***	N/A	N/A		
46	555.24 RT Distribution of Losses Amount	N/A	N/A		
47	555.21 RT FBT Loss Amount	N/A	N/A		
48	DA Loss Amount	N/A	N/A		
49	RT Loss Amount	N/A	N/A		
50	555.26 RT Non-Asset Energy Amount***	N/A	N/A		
51	555.08 DA Losses Rebate on Option B GFA	N/A	N/A		
52	555.12 DA Virtual Energy Amount	N/A	N/A		
53	555.32 RT Virtual Energy Amount	N/A	N/A		
54	555.01 DA Mkt Admin Amount	N/A	N/A		
55	555.18 RT Mkt Admin Amount	N/A	N/A		
56	555.13 FTR Mkt Admin Amount	N/A	N/A		
57	555.03 DA FBT Congestion Amount	N/A	N/A		
58	DA Congestion	N/A	N/A		
59	555.2 RT FBT Congestion Amount	N/A	N/A		
60	RT Congestion	N/A	N/A		
61	555.14 FTR Hourly Allocation Amount	N/A	N/A		
62	555.15 FTR Monthly Allocation Amount	N/A	N/A		
63	555.17 FTR Yearly Allocation Amount	N/A	N/A		
64	555.36 FTR Monthly Transaction Amount	N/A	N/A		
65	555.36 FTR Full Funding Guarantee Amount	N/A	N/A		
66	555.37 FTR Guarantee Uplift Amount	N/A	N/A		
67	555.39 FTR Auction Revenue Rights Transaction Amount	N/A	N/A		
68	555.38 FTR Annual Transaction Amount	N/A	N/A		
69	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A		
70	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A		
71	555.07 DA Congestion Rebate on Option B GFA	N/A	N/A		
72	555.1 DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A		
73	555.11 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	555.3 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A		
76	555.42 RT Price Volatility Make Whole Payment	N/A	N/A		
77	555.28 RT Revenue Neutrality Uplift Amount	N/A	N/A		
78	555.25 RT Misc Amount	N/A	N/A		
79	555.27 RT Net Inadvertent Amount	N/A	N/A		
80	555.31 RT Uninstructed Deviation Amount	N/A	N/A		
81	555.59 RT Demand Response Allocation Uplift Amount	N/A	N/A		
82	555.63 DA Ramp Product	N/A	N/A		
83	555.64 RT Ramp Product	N/A	N/A		
84	555.65 RT Schedule 49 Cost Distribution Amount	N/A	N/A		
85	555.55 RT ASM Non-Excessive Energy Amount***	N/A	N/A		
86	555.56 RT ASM Excessive Energy Amount***	N/A	N/A		
87	555.05 DA Congestion Rebate on COGA	N/A	N/A		
88	555.06 DA Losses Rebate on COGA	N/A	N/A		
89	555.22 RT Congestion Rebate on COGA	N/A	N/A		
90	555.23 RT Loss Rebate on COGA	N/A	N/A		
91	Net Congestion and Losses Adjustment & No DA Generation Sched.	N/A	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	555.03 DA Non-asset Energy Amount	N/A	N/A		
98	555.09 RT Asset Energy Amount***	N/A	N/A		
99	555 RT Non-Asset Energy Amount	N/A	N/A		
100	555.02 DA Make-Whole-Payment Distribution Amount	N/A	N/A		
101	555.1 RT Make-Whole-Payment Distribution Amount	N/A	N/A		
102	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A		
103	555.15 RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A		
104	555.04 DA Regulation-Down Distribution Amount	N/A	N/A		
105	555.05 DA Regulation-Up Distribution Amount	N/A	N/A		
106	555.06 DA Spinning Reserve Distribution Amount	N/A	N/A		
107	555.07 DA Supplemental Reserve Distribution Amount	N/A	N/A		
108	555.08 RT Contingency Reserve Deployment Failure Amount	N/A	N/A		
109	555.11 RT Over-Collected Losses Distribution Amount	N/A	N/A		
110	555.12 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 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	555.21 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 Demand Reduction Distribution Amount	N/A	N/A		
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	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	555.34	RT Ramp Up Distribution Amount	N/A	N/A	New charge type in 2022
126	555.35	RT Ramp Down Distribution Amount	N/A	N/A	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		<b>Total SPP Wholesale Market Charges</b>			
131					
132		<b>MISO ASM</b>			
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		<b>Total MISO ASM</b>			
150					
151		<b>Total Wholesale Market Charges</b>			
152					
153					
154		<b>Purchased Power</b>			
155			[PROTECTED DATA 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			...PROTECTED DATA ENDS]		
166		<b>Total Purchases</b>	<b>228,676</b>	<b>255,154</b>	Tribal (WAPA) excluded from Total
167					
168		<b>Wind Curtailment</b>	<b>489</b>	<b>11</b>	
169					
170		<b>Asset Based Sales</b>	<b>(938)</b>	<b>(22,825)</b>	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
172		Asset Based Margins			Fuel Cost MWh and Margin MWh are not separated - Need to compare total Asset Based Sales
173					
174		<b>Steam Plant Reagents</b>	-	-	Effective July 2022 - Docket No. E017/GR-20-719
175					
176		<b>Steam/Water Sales</b>	-	-	Effective July 2022 - Docket No. E017/GR-20-719
177					
178		<b>Planning Resource Auction Revenues</b>	-	-	Effective June 2022
179					
180		<b>Total System - Plant Level</b>	<b>474,569</b>	<b>469,814</b>	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total



April 2024 Forecast to Actual - Expense (Revenue)					
		April 2024 Forecast	April 2024 Actual		Notes
Line	Plant Generation	[PROTECTED DATA BEGINS...]			
1	Big Stone				
2	Coyote				
3		...PROTECTED DATA ENDS]			
4	Total Coal	\$ 25.04	\$ 25.81		
5		[PROTECTED DATA BEGINS...]			
6	Langdon Wind				
7	Ashtabula Wind				
8	Ashtabula III				
9	Luverne Wind				
10	Merricourt				
11		...PROTECTED DATA ENDS]			
12	Total Wind	\$ -	\$ -		
13		[PROTECTED DATA BEGINS...]			
14	Total Hydro	\$ -	\$ -		
15		[PROTECTED DATA BEGINS...]			
16	Jamestown 1				
17	Jamestown 2				
18	Lake Preston				
19		...PROTECTED DATA ENDS]			
20	Total Oil - Peaking Units	\$ -	\$ -		
21		[PROTECTED DATA BEGINS...]			
22	Natural gas - Solway				
23	Natural gas - Astoria				
24		...PROTECTED DATA ENDS]			
25	Total Natural Gas	\$ 49.91	\$ 19.55		
26		[PROTECTED DATA BEGINS...]			
27	Solar - Blue Jay				
28	Solar - Blue Heron				
29	Solar - Hoot Lake				
30		...PROTECTED DATA ENDS]			
31	Total Solar	\$ -	0		
32		[PROTECTED DATA BEGINS...]			
33	Total OTP-Owned	\$ 74.94	\$ 45.36		
34		[PROTECTED DATA BEGINS...]			
35	Wholesale Market Charges				
36	MISO Wholesale Market Charges				
37	555.02	DA Asset Energy Amount***	N/A	N/A	
38	555.04	DA FBT Loss Amount	N/A	N/A	
39	555.09	DA Non-asset Energy Amount***	N/A	N/A	
40	555.19	RT Asset Energy Amount***	N/A	N/A	
41	555.24	RT Distribution of Losses Amount	N/A	N/A	
42	555.21	RT FBT Loss Amount	N/A	N/A	
43		DA Loss Amount	N/A	N/A	
44		RT Loss Amount	N/A	N/A	
45	555.26	RT Non-Asset Energy Amount***	N/A	N/A	
46	555.08	DA Losses Rebate on Option B GFA	N/A	N/A	
47	555.12	DA Virtual Energy Amount	N/A	N/A	
48	555.32	RT Virtual Energy Amount	N/A	N/A	
49	555.01	DA Mkt Admin Amount	N/A	N/A	
50	555.18	RT Mkt Admin Amount	N/A	N/A	
51	555.13	FTR Mkt Admin Amount	N/A	N/A	
52	555.03	DA FBT Congestion Amount	N/A	N/A	
53		DA Congestion	N/A	N/A	
54	555.2	RT FBT Congestion Amount	N/A	N/A	
55		RT Congestion	N/A	N/A	
56	555.14	FTR Hourly Allocation Amount	N/A	N/A	
57	555.15	FTR Monthly Allocation Amount	N/A	N/A	
58	555.17	FTR Yearly Allocation Amount	N/A	N/A	
59	555.35	FTR Monthly Transaction Amount	N/A	N/A	
60	555.36	FTR Full Funding Guarantee Amount	N/A	N/A	
61	555.37	FTR Guarantee Uplift Amount	N/A	N/A	
62	555.39	FTR Auction Revenue Rights Transaction Amount	N/A	N/A	
63	555.38	FTR Annual Transaction Amount	N/A	N/A	
64	555.40	FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A	
65	555.41	FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A	
66	555.07	DA Congestion Rebate on Option B GFA	N/A	N/A	
67	555.1	DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
68	555.11	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
69	555.29	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	N/A	N/A	
70	555.3	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
71	555.42	RT Price Volatility Make Whole Payment	N/A	N/A	
72	555.28	RT Revenue Neutrality Uplift Amount	N/A	N/A	
73	555.25	RT Misc Amount	N/A	N/A	
74	555.27	RT Net Inadvertent Amount	N/A	N/A	
75	555.31	RT Uninstructed Deviation Amount	N/A	N/A	
76	555.59	RT Demand Response Allocation Uplift Amount	N/A	N/A	
77	555.63	DA Ramp Product	N/A	N/A	
78	555.64	RT Ramp Product	N/A	N/A	
79	555.65	RT Schedule 49 Cost Distribution Amount	N/A	N/A	
80	555.55	RT ASM Non-Excessive Energy Amount***	N/A	N/A	
81	555.56	RT ASM Excessive Energy Amount***	N/A	N/A	
82	555.05	DA Congestion Rebate on COGA	N/A	N/A	
83	555.06	DA Losses Rebate on COGA	N/A	N/A	
84	555.22	RT Congestion Rebate on COGA	N/A	N/A	
85	555.23	RT Loss Rebate on COGA	N/A	N/A	
86		Net Congestion and Losses Adjustment & No DA Generation Schedule	N/A	N/A	
87		[PROTECTED DATA BEGINS...]			
88		Total MISO Wholesale Market Charges			
89		[PROTECTED DATA BEGINS...]			
90	SPP Wholesale Market Charges				
91	555.19	DA Asset Energy Amount***	N/A	N/A	
92	555.03	DA Non-asset Energy Amount	N/A	N/A	
93	555.09	RT Asset Energy Amount***	N/A	N/A	
94	555	RT Non-Asset Energy Amount	N/A	N/A	
95	555.02	DA Make-Whole-Payment Distribution Amount	N/A	N/A	
96	555.1	RT Make-Whole-Payment Distribution Amount	N/A	N/A	
97	555.18	RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
98	555.15	RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A	
99	555.04	DA Regulation-Down Distribution Amount	N/A	N/A	
100	555.05	DA Regulation-Up Distribution Amount	N/A	N/A	
101	555.06	DA Spinning Reserve Distribution Amount	N/A	N/A	
102	555.07	DA Supplemental Reserve Distribution Amount	N/A	N/A	
103	555.08	RT Contingency Reserve Deployment Failure Amount	N/A	N/A	
104	555.11	RT Over-Collected Losses Distribution Amount	N/A	N/A	
105	555.12	RT Regulation-Down Distribution Amount	N/A	N/A	
106	555.13	RT Regulation Non-Performance Distribution Amount	N/A	N/A	
107	555.14	RT Regulation-Up Distribution Amount	N/A	N/A	
108	555.16	RT Spinning Reserve Distribution Amount	N/A	N/A	
109	555.17	RT Supplemental Reserve Distribution Amount	N/A	N/A	
110	555.2	RT Pseudo Tie Congestion Amount	N/A	N/A	
111	555.21	RT Pseudo Tie Loss Amount	N/A	N/A	
112	555.23	Miscellaneous Amount	N/A	N/A	
113	555.26	ARR Closeout Yearly Amount	N/A	N/A	
114	555.28	RT Demand Reduction Distribution Amount	N/A	N/A	
115	555.29	RT Schedule 1A3 Amount	N/A	N/A	
116	555.30	RT Schedule 1A4 Amount	N/A	N/A	
117	555.31	DA Ramp Up Distribution Amount	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	555.33	RT Ramp Non Performance Distribution Amount	N/A	N/A	New charge type in 2022
120	555.34	RT Ramp Up Distribution Amount	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
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	N/A	
125		<b>Total SPP Wholesale Market Charges</b>			
126					
127		<b>MISO ASM</b>			
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		<b>Total MISO ASM</b>			
145					
146		<b>Total Wholesale Market Charges</b>			
147					
148					
149		<b>Purchased Power</b>			
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 DATA ENDS		
161		<b>Total Purchases</b>	\$	31.74	\$ 15.44
162					Tribal (WAPA) excluded from Total
163		<b>Wind Curtailment</b>	\$	39.23	\$ 39.20
164					
165		<b>Asset Based Sales</b>	\$	57.09	\$ 23.39
166		Fuel Costs	N/A	N/A	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
167		Asset Based Margins	N/A	N/A	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
168					
169		<b>Steam Plant Reagents</b>	N/A	N/A	Effective July 2022 - Docket No. E017/GR-20-719
170					
171		<b>Steam/Water Sales</b>	N/A	N/A	Effective July 2022 - Docket No. E017/GR-20-719
172					
173		<b>Planning Resource Auction Revenues</b>	N/A	N/A	Effective June 2022
174					
175		<b>Total System - Plant Level</b>	\$	21.27	\$ 6.25
					Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

May 2024 Forecast to Actual - Expense (Revenue)						
Line	Plant Generation	May 2024 Forecast	May 2024 Actual			Notes
1	Big Stone	[PROTECTED DATA BEGINS...]				
2	Coyote					
3	Hoot Lake #2					Hoot Lake plant closed in May 2021 - removal of fuel remaining before deconstruction
4	Hoot Lake #3					
5						
6		Total Coal	\$ 3,174,245	\$ 3,268,116	\$ 93,871	2.96%
7		[PROTECTED DATA BEGINS...]				
8	Langdon Wind					
9	Ashtabula Wind					
10	Luverne Wind					
11	Merricourt					
12						
13		Total Wind	\$ -	\$ -	\$ -	0
14		[PROTECTED DATA BEGINS...]				
15		Total Hydro	\$ -	\$ -	\$ -	0
16		[PROTECTED DATA BEGINS...]				
17	Jamestown 1					
18	Jamestown 2					
19	Lake Preston					
20		Total Oil - Peaking Units	\$ -	\$ 9,703	\$ 9,703	0
21		[PROTECTED DATA BEGINS...]				
22						
23	Natural gas - Solway					
24	Natural gas - Astoria					
25						
26		Total Natural Gas	\$ 450,473	\$ 953,718	\$ 503,245	111.71%
27		[PROTECTED DATA BEGINS...]				
28	Solar - Blue Jay					
29	Solar - Blue Heron					
30	Solar - Hoot Lake					
31						
32		Total Solar	\$ -	\$ -	\$ -	0
33		[PROTECTED DATA BEGINS...]				
34		Total OTP-Owned	\$ 3,624,718	\$ 4,231,537	\$ 606,819	16.74%
35		[PROTECTED DATA BEGINS...]				
36	Wholesale Market Charges					
37	MISO Wholesale Market Charges					
38	555.02 DA Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
39	555.04 DA FBT Loss Amount	\$ -	\$ -	\$ -	0	
40	555.09 DA Non-asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
41	555.19 RT Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
42	555.24 RT Distribution of Losses Amount	\$ (304,583)	\$ (23,896)	\$ 280,687	-92.15%	
43	555.21 RT FBT Loss Amount	\$ -	\$ -	\$ -	0	
44	DA Loss Amount	\$ 770,258	\$ 207,328	\$ (562,930)	-73.08%	
45	RT Loss Amount	\$ 44,072	\$ 12,195	\$ (31,877)	-72.33%	
46	555.26 RT Non-Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
47	555.08 DA Losses Rebate on Option B GFA	\$ -	\$ -	\$ -	0	
48	555.12 DA Virtual Energy Amount	\$ -	\$ -	\$ -	0	
49	555.32 RT Virtual Energy Amount	\$ -	\$ -	\$ -	0	
50	555.01 DA Mkt Admin Amount	\$ 65,226	\$ 65,326	\$ 100	0.15%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
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
52	555.13 FTR Mkt Admin Amount	\$ 2,052	\$ 1,147	\$ (904)	-44.08%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
53	555.03 DA FBT Congestion Amount	\$ -	\$ -	\$ -	0	
54	DA Congestion	\$ 2,231,320	\$ 378,185	\$ (1,853,135)	-83.05%	
55	555.20 RT FBT Congestion Amount	\$ -	\$ -	\$ -	0	
56	RT Congestion	\$ 243,960	\$ 10,583	\$ (233,377)	-95.66%	
57	555.14 FTR Hourly Allocation Amount	\$ (2,697,851)	\$ (2,089,709)	\$ 608,142	-22.54%	
58	555.15 FTR Monthly Allocation Amount	\$ (66,061)	\$ (60,727)	\$ 5,334	-8.08%	
59	555.17 FTR Yearly Allocation Amount	\$ -	\$ -	\$ -	0	
60	555.35 FTR Monthly Transaction Amount	\$ -	\$ -	\$ -	0	
61	555.36 FTR Full Funding Guarantee Amount	\$ (13,395)	\$ (134,585)	\$ (121,189)	904.72%	
62	555.37 FTR Guarantee Uplift Amount	\$ 13,052	\$ 137,857	\$ 124,804	956.17%	
63	555.39 FTR Auction Revenue Rights Transaction Amount	\$ (1,004,967)	\$ (3,825,325)	\$ (2,820,358)	280.64%	
64	555.38 FTR Annual Transaction Amount	\$ 1,003,431	\$ 3,522,269	\$ 2,518,838	251.02%	
65	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	\$ 8,657	\$ 11,996	\$ 3,339	38.57%	
66	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	\$ (38,241)	\$ (223,246)	\$ (185,005)	483.79%	
67	555.07 DA Congestion Rebate on Option B GFA	\$ -	\$ -	\$ -	0	
68	555.10 DA Revenue Sufficiency Guarantee Distribution Amount	\$ 18,224	\$ 6,288	\$ (11,936)	-65.50%	
69	555.11 DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (11,845)	\$ (9,498)	\$ 2,348	-19.82%	
70	555.29 RT Revenue Sufficiency Guarantee First Pass Distribution Amount	\$ 53,082	\$ 4,795	\$ (48,287)	-90.97%	
71	555.30 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (229,119)	\$ -	\$ 229,119	-100.00%	
72	555.42 RT Price Volatility Make Whole Payment	\$ (55,542)	\$ (22,953)	\$ 32,590	-58.68%	
73	555.28 RT Revenue Neutrality Uplift Amount	\$ 117,809	\$ 58,346	\$ (59,463)	-50.47%	
74	555.25 RT Misc Amount	\$ 6,775	\$ 1,907	\$ (4,868)	-71.85%	
75	555.27 RT Net Inadvertent Amount	\$ 170	\$ 27,270	\$ 27,101	15957.77%	
76	555.31 RT Uninstructed Deviation Amount	\$ -	\$ -	\$ -	0	
77	555.59 RT Demand Response Allocation Uplift Amount	\$ 32,659	\$ 35	\$ (32,624)	-99.89%	
78	555.63 RT Ramp Product	\$ (4,001)	\$ (14,254)	\$ (10,253)	256.29%	
79	555.64 RT Ramp Product	\$ (416)	\$ (280)	\$ 136	-37.56%	
80	555.65 RT Schedule 49 Cost Distribution Amount	\$ 14,974	\$ 27,245	\$ 12,270	81.94%	
81	555.55 RT ASM Non-Excessive Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
82	555.56 RT ASM Excessive Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
83	555.05 DA Congestion Rebate on COGA	\$ -	\$ -	\$ -	0	
84	555.06 DA Losses Rebate on COGA	\$ -	\$ -	\$ -	0	
85	555.22 RT Congestion Rebate on COGA	\$ -	\$ -	\$ -	0	
86	555.23 RT Loss Rebate on COGA	\$ -	\$ -	\$ -	0	
87	Net Congestion and Losses Adjustment & No DA Generation Schedule	\$ -	\$ 5,849	\$ 5,849	0	
88						
89		Total MISO Wholesale Market Charges	\$ 132,421	\$ (1,992,305)	\$ (2,124,726)	-1604.52%
90		Total Excludes Schedule 16 and 17 (Lines 40, 41, 42 Above)				
91	SPP Wholesale Market Charges					
92	555.19 DA Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
93	555.03 DA Non-asset Energy Amount	\$ -	\$ -	\$ -	0	
94	555.09 RT Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
95	555.00 RT Non-Asset Energy Amount	\$ -	\$ -	\$ -	0	
96	555.02 DA Make-Whole-Payment Distribution Amount	\$ -	\$ -	\$ -	0	
97	555.10 RT Make-Whole-Payment Distribution Amount	\$ 1,109	\$ 8	\$ (1,101)	-99.32%	
98	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	\$ -	\$ -	\$ -	0	
99	555.15 RT Revenue Neutrality Uplift Distribution Amount	\$ 248	\$ 2	\$ (246)	-99.29%	
100	555.04 DA Regulation-Down Distribution Amount	\$ 16	\$ 0	\$ (16)	-97.39%	
101	555.05 DA Regulation-Up Distribution Amount	\$ 62	\$ 253	\$ (59)	-96.20%	
102	555.06 DA Spinning Reserve Distribution Amount	\$ 74	\$ 1	\$ (74)	-98.90%	
103	555.07 DA Supplemental Reserve Distribution Amount	\$ 11	\$ 0	\$ (10)	-98.11%	
104	555.08 RT Contingency Reserve Deployment Failure Amount	\$ (2)	\$ -	\$ 2	-100.00%	
105	555.11 RT Over-Collected Losses Distribution Amount	\$ (26,973)	\$ (5,521)	\$ 21,452	-79.53%	
106	555.12 RT Regulation-Down Distribution Amount	\$ 3	\$ (0)	\$ (3)	-104.70%	
107	555.13 RT Regulation Non-Performance Distribution Amount	\$ (2)	\$ (1)	\$ 2	-70.18%	
108	555.14 RT Regulation-Up Distribution Amount	\$ (3)	\$ (0)	\$ 3	-99.68%	
109	555.16 RT Spinning Reserve Distribution Amount	\$ (1)	\$ -	\$ 1	-100.00%	
110	555.17 RT Supplemental Reserve Distribution Amount	\$ (3)	\$ -	\$ 3	-100.00%	
111	555.20 RT Pseudo Tie Congestion Amount	\$ (78,167)	\$ (50,759)	\$ 27,408	-35.06%	
112	555.21 RT Pseudo Tie Loss Amount	\$ (18,228)	\$ (2,435)	\$ 15,792	-86.64%	
113	555.23 Miscellaneous Amount	\$ (3)	\$ -	\$ 3	-100.00%	
114	555.26 ARR Closeout Yearly Amount	\$ -	\$ -	\$ -	0	
115	555.28 RT Demand Reduction Distribution Amount	\$ 0	\$ -	\$ (0)	-100.00%	
116	555.29 RT Schedule 1A3 Amount	\$ 7	\$ 0	\$ (7)	-95.04%	
117	555.30 RT Schedule 1A4 Amount	\$ 37	\$ 1	\$ (35)	-96.90%	
118	555.31 DA Ramp Up 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 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	555.35 RT Ramp Down Distribution Amount	\$ -	\$ -	\$ -	0	New charge type in 2022
123	555.36 ArrAucTmAOamt	\$ -	\$ -	\$ -	0	New charge type in 2024

124	555.37	RtURDDistAaAmt	\$	-	\$	-	\$	-	0	New charge type in 2024
125	555.01	DA GFA Carve Out Distribution Deployment Daily Amount	\$	28	\$	1	\$	(27)	-96.00%	
126	555.22	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		<b>Total SPP Wholesale Market Charges</b>	\$	<b>(121,719)</b>	\$	<b>(58,700)</b>	\$	<b>63,019</b>	<b>-51.77%</b>	
129										
130		<b>MISO ASM</b>								
131	555.43	Day Ahead Regulation Amount	\$	(20,722)	\$	(82,384)	\$	(61,662)	297.57%	
132	555.46	Real Time Regulation Amount	\$	(2,589)	\$	(23,283)	\$	(20,695)	799.38%	
133	555.52	Regulation Cost Distribution Amount	\$	26,453	\$	17,624	\$	(8,830)	-33.38%	
134	555.56	Day Ahead Short-Term Reserve Amount	\$	(23,606)	\$	(54,092)	\$	(30,487)	129.15%	
135	555.67	Real Time Short-Term Reserve Amount	\$	(428)	\$	2,458	\$	2,887	-673.74%	
136	555.68	Short-Term Reserve Cost Distribution Amount	\$	13,752	\$	26,890	\$	13,137	95.53%	
137	555.44	Day Ahead Spinning Reserve Amount	\$	(55,918)	\$	(47,736)	\$	8,182	-14.63%	
138	555.47	Real Time Spinning Reserve Amount	\$	4,219	\$	(1,167)	\$	(5,385)	-127.66%	
139	555.53	Spinning Reserve Cost Distribution Amount	\$	26,241	\$	22,918	\$	(3,323)	-12.66%	
140	555.45	Day Ahead Supplemental Reserve Amount	\$	(25,822)	\$	(17,207)	\$	8,615	-33.36%	
141	555.48	Real Time Supplemental Reserve Amount	\$	14,263	\$	6,681	\$	(7,602)	-53.23%	
142	555.54	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	555.5	Real Time Excessive Deficient Energy Deployment Charge Amount	\$	1,927	\$	26,685	\$	24,758	1284.50%	
145	555.69	Short-Term Reserve Deployment Failure Charge Amount	\$	-	\$	-	\$	-	0	
146	555.49	Net Regulation Adjustment Amount	\$	1,016	\$	14	\$	(1,002)	-98.66%	
147		<b>Total MISO ASM</b>	\$	<b>(35,020)</b>	\$	<b>(120,294)</b>	\$	<b>(85,273)</b>	<b>243.50%</b>	
148										
149		<b>Total Wholesale Market Charges</b>	\$	<b>(24,318)</b>	\$	<b>(2,171,298)</b>	\$	<b>(2,146,980)</b>	<b>8828.82%</b>	
150										
151										
152		<b>Purchased Power</b>								
153		[PROTECTED DATA BEGINS...								
154		Edgeley PPA								
155		Langdon PPA								
156		Ashitabula 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
163										
164		<b>Total Purchases</b>	\$	<b>6,484,680</b>	\$	<b>6,695,670</b>	\$	<b>210,990</b>	<b>3.25%</b>	Tribal (WAPA) excluded from Total
165										
166		<b>Wind Curtailment</b>	\$	<b>(4,824)</b>	\$	<b>33,857</b>	\$	<b>38,681</b>	<b>-801.87%</b>	
167										
168		<b>Asset Based Sales</b>	\$	<b>(463,606)</b>	\$	<b>(740,220)</b>	\$	<b>(276,614)</b>	<b>59.67%</b>	Credit to MN FCA Calculation - Subtracted from Total
169		Fuel Costs	\$	(197,013)	\$	(576,975)	\$	(379,962)	192.86%	
170		Asset Based Margins	\$	(266,593)	\$	(163,245)	\$	103,348	-38.77%	
171										
172		<b>Hoot Lake Solar Generation Credit</b>	\$	<b>(355,973)</b>	\$	<b>(177,957)</b>	\$	<b>178,016</b>	<b>(1)</b>	Effective January 2023
173										
174		<b>Steam Plant Reagents</b>	\$	<b>139,940</b>	\$	<b>151,899</b>	\$	<b>11,959</b>	<b>0</b>	Effective July 2022 - Docket No. E017/GR-20-719
175										
176		<b>Steam/Water Sales</b>	\$	<b>(86,237)</b>	\$	<b>(81,777)</b>	\$	<b>4,460</b>	<b>(0)</b>	Effective July 2022 - Docket No. E017/GR-20-719
177										
178		<b>Planning Resource Auction Revenues</b>	\$	<b>-</b>	\$	<b>(43,772)</b>	\$	<b>-</b>	<b>0</b>	Effective June 2022
179										
180		<b>Total System - Plant Level</b>	\$	<b>9,314,380</b>	\$	<b>7,897,939</b>	\$	<b>(1,416,442)</b>	<b>-15.21%</b>	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

\*\*\* These energy related charge types are reported in Market Purchases

May 2024 Forecast to Actual - Expense (Revenue)					
Line	Plant Generation	May 2024 Forecast	May 2024 Actual	Notes	
1	Big Stone	[PROTECTED DATA BEGINS...			
2	Coyote				
3	Hoot Lake #2			Hoot Lake plant closed in May 2021	
4	Hoot Lake #3				
5		...PROTECTED DATA ENDS]			
6	Total Coal	124,546	94,821		
7		[PROTECTED DATA BEGINS...			
8	Langdon Wind				
9	Ashtabula Wind				
10	Ashtabula III				
11	Luverne Wind				
12	Merricourt				
13		...PROTECTED DATA ENDS]			
14	Total Wind and Solar	96,739	90,948		
15					
16	Total Hydro	1,699	1,047		
17		[PROTECTED DATA BEGINS...			
18	Jamestown 1				
19	Jamestown 2				
20	Lake Preston				
21		...PROTECTED DATA ENDS]			
22	Total Oil - Peaking Units				
23		[PROTECTED DATA BEGINS...			
24	Natural gas - Solway				
25	Natural gas - Astoria				
26		...PROTECTED DATA ENDS]			
27	Total Natural Gas	12,463	42,611		
28		[PROTECTED DATA BEGINS...			
29	Solar - Blue Jay				
30	Solar - Blue Heron				
31	Solar - Hoot Lake				
32	Solar - Red Lake Falls Area SB Solar				
33	Solar - Karlstad Area SB				
34	Solar - Crookston Area SB				
35		...PROTECTED DATA ENDS]			
36	Total Solar	10,284	8,069		
37					
38	Total OTP-Owned	235,447	237,497		
39					
40	Wholesale Market Charges				
41	MISO Wholesale Market Charges				
42	555.02 DA Asset Energy Amount**	N/A	N/A		
43	555.04 DA FBT Loss Amount	N/A	N/A		
44	555.09 DA Non-asset Energy Amount***	N/A	N/A		
45	555.19 RT Asset Energy Amount***	N/A	N/A		
46	555.24 RT Distribution of Losses Amount	N/A	N/A		
47	555.21 RT FBT Loss Amount	N/A	N/A		
48	DA Loss Amount	N/A	N/A		
49	RT Loss Amount	N/A	N/A		
50	555.26 RT Non-Asset Energy Amount***	N/A	N/A		
51	555.08 DA Losses Rebate on Option B GFA	N/A	N/A		
52	555.12 DA Virtual Energy Amount	N/A	N/A		
53	555.32 RT Virtual Energy Amount	N/A	N/A		
54	555.01 DA Mkt Admin Amount	N/A	N/A		
55	555.18 RT Mkt Admin Amount	N/A	N/A		
56	555.13 FTR Mkt Admin Amount	N/A	N/A		
57	555.03 DA FBT Congestion Amount	N/A	N/A		
58	DA Congestion	N/A	N/A		
59	555.2 RT FBT Congestion Amount	N/A	N/A		
60	RT Congestion	N/A	N/A		
61	555.14 FTR Hourly Allocation Amount	N/A	N/A		
62	555.15 FTR Monthly Allocation Amount	N/A	N/A		
63	555.17 FTR Yearly Allocation Amount	N/A	N/A		
64	555.36 FTR Monthly Transaction Amount	N/A	N/A		
65	555.36 FTR Full Funding Guarantee Amount	N/A	N/A		
66	555.37 FTR Guarantee Uplift Amount	N/A	N/A		
67	555.39 FTR Auction Revenue Rights Transaction Amount	N/A	N/A		
68	555.38 FTR Annual Transaction Amount	N/A	N/A		
69	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A		
70	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A		
71	555.07 DA Congestion Rebate on Option B GFA	N/A	N/A		
72	555.1 DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A		
73	555.11 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	555.3 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A		
76	555.42 RT Price Volatility Make Whole Payment	N/A	N/A		
77	555.28 RT Revenue Neutrality Uplift Amount	N/A	N/A		
78	555.25 RT Misc Amount	N/A	N/A		
79	555.27 RT Net Inadvertent Amount	N/A	N/A		
80	555.31 RT Uninstructed Deviation Amount	N/A	N/A		
81	555.59 RT Demand Response Allocation Uplift Amount	N/A	N/A		
82	555.63 DA Ramp Product	N/A	N/A		
83	555.64 RT Ramp Product	N/A	N/A		
84	555.65 RT Schedule 49 Cost Distribution Amount	N/A	N/A		
85	555.55 RT ASM Non-Excessive Energy Amount***	N/A	N/A		
86	555.56 RT ASM Excessive Energy Amount***	N/A	N/A		
87	555.05 DA Congestion Rebate on COGA	N/A	N/A		
88	555.06 DA Losses Rebate on COGA	N/A	N/A		
89	555.22 RT Congestion Rebate on COGA	N/A	N/A		
90	555.23 RT Loss Rebate on COGA	N/A	N/A		
91	Net Congestion and Losses Adjustment & No DA Generation Sched.	N/A	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	555.03 DA Non-asset Energy Amount	N/A	N/A		
98	555.09 RT Asset Energy Amount***	N/A	N/A		
99	555 RT Non-Asset Energy Amount	N/A	N/A		
100	555.02 DA Make-Whole-Payment Distribution Amount	N/A	N/A		
101	555.1 RT Make-Whole-Payment Distribution Amount	N/A	N/A		
102	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A		
103	555.15 RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A		
104	555.04 DA Regulation-Down Distribution Amount	N/A	N/A		
105	555.05 DA Regulation-Up Distribution Amount	N/A	N/A		
106	555.06 DA Spinning Reserve Distribution Amount	N/A	N/A		
107	555.07 DA Supplemental Reserve Distribution Amount	N/A	N/A		
108	555.08 RT Contingency Reserve Deployment Failure Amount	N/A	N/A		
109	555.11 RT Over-Collected Losses Distribution Amount	N/A	N/A		
110	555.12 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 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	555.21 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 Demand Reduction Distribution Amount	N/A	N/A		
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	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	555.34	RT Ramp Up Distribution Amount	N/A	N/A	New charge type in 2022
126	555.35	RT Ramp Down Distribution Amount	N/A	N/A	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		<b>Total SPP Wholesale Market Charges</b>			
131					
132		<b>MISO ASM</b>			
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		<b>Total MISO ASM</b>			
150					
151		<b>Total Wholesale Market Charges</b>			
152					
153					
154		<b>Purchased Power</b>			
155			[PROTECTED DATA 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			...PROTECTED DATA ENDS]		
166		<b>Total Purchases</b>	<b>208,382</b>	<b>225,758</b>	Tribal (WAPA) excluded from Total
167					
168		<b>Wind Curtailment</b>	<b>(509)</b>	<b>863</b>	
169					
170		<b>Asset Based Sales</b>	<b>(7,447)</b>	<b>(25,919)</b>	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
172		Asset Based Margins			Fuel Cost MWh and Margin MWh are not separated - Need to compare total Asset Based Sales
173					
174		<b>Steam Plant Reagents</b>	-	-	Effective July 2022 - Docket No. E017/GR-20-719
175					
176		<b>Steam/Water Sales</b>	-	-	Effective July 2022 - Docket No. E017/GR-20-719
177					
178		<b>Planning Resource Auction Revenues</b>	-	-	Effective June 2022
179					
180		<b>Total System - Plant Level</b>	<b>435,872</b>	<b>438,198</b>	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

May 2024 Forecast to Actual - Expense (Revenue)					
		May 2024 Forecast	May 2024 Actual		Notes
Line	Plant Generation	[PROTECTED DATA BEGINS...			
1	Big Stone				
2	Coyote				
3		...PROTECTED DATA ENDS]			
4	Total Coal	\$ 25.49	\$ 34.47		
5		[PROTECTED DATA BEGINS...			
6	Langdon Wind				
7	Ashtabula Wind				
8	Ashtabula III				
9	Luverne Wind				
10	Merricourt				
11		...PROTECTED DATA ENDS]			
12	Total Wind	\$ -	\$ -		
13					
14	Total Hydro	\$ -	\$ -		
15		[PROTECTED DATA BEGINS...			
16	Jamestown 1				
17	Jamestown 2				
18	Lake Preston				
19		...PROTECTED DATA ENDS]			
20	Total Oil - Peaking Units	\$ -	\$ -		
21		[PROTECTED DATA BEGINS...			
22	Natural gas - Solway				
23	Natural gas - Astoria				
24		...PROTECTED DATA ENDS]			
25	Total Natural Gas	\$ 36.14	\$ 22.38		
26		[PROTECTED DATA BEGINS...			
27	Solar - Blue Jay				
28	Solar - Blue Heron				
29	Solar - Hoot Lake				
30		...PROTECTED DATA ENDS]			
31	Total Solar	\$ -	0		
32					
33	Total OTP-Owned	\$ 61.63	\$ 56.85		
34					
35	Wholesale Market Charges				
36	MISO Wholesale Market Charges				
37	555.02 DA Asset Energy Amount***		N/A	N/A	
38	555.04 DA FBT Loss Amount		N/A	N/A	
39	555.09 DA Non-asset Energy Amount***		N/A	N/A	
40	555.19 RT Asset Energy Amount***		N/A	N/A	
41	555.24 RT Distribution of Losses Amount		N/A	N/A	
42	555.21 RT FBT Loss Amount		N/A	N/A	
43	DA Loss Amount		N/A	N/A	
44	RT Loss Amount		N/A	N/A	
45	555.26 RT Non-Asset Energy Amount***		N/A	N/A	
46	555.08 DA Losses Rebate on Option B GFA		N/A	N/A	
47	555.12 DA Virtual Energy Amount		N/A	N/A	
48	555.32 RT Virtual Energy Amount		N/A	N/A	
49	555.01 DA Mkt Admin Amount		N/A	N/A	
50	555.18 RT Mkt Admin Amount		N/A	N/A	
51	555.13 FTR Mkt Admin Amount		N/A	N/A	
52	555.03 DA FBT Congestion Amount		N/A	N/A	
53	DA Congestion		N/A	N/A	
54	555.2 RT FBT Congestion Amount		N/A	N/A	
55	RT Congestion		N/A	N/A	
56	555.14 FTR Hourly Allocation Amount		N/A	N/A	
57	555.15 FTR Monthly Allocation Amount		N/A	N/A	
58	555.17 FTR Yearly Allocation Amount		N/A	N/A	
59	555.35 FTR Monthly Transaction Amount		N/A	N/A	
60	555.36 FTR Full Funding Guarantee Amount		N/A	N/A	
61	555.37 FTR Guarantee Uplift Amount		N/A	N/A	
62	555.39 FTR Auction Revenue Rights Transaction Amount		N/A	N/A	
63	555.38 FTR Annual Transaction Amount		N/A	N/A	
64	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount		N/A	N/A	
65	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount		N/A	N/A	
66	555.07 DA Congestion Rebate on Option B GFA		N/A	N/A	
67	555.1 DA Revenue Sufficiency Guarantee Distribution Amount		N/A	N/A	
68	555.11 DA Revenue Sufficiency Guarantee Make Whole Pymt Amount		N/A	N/A	
69	555.29 RT Revenue Sufficiency Guarantee First Pass Distribution Amount		N/A	N/A	
70	555.3 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount		N/A	N/A	
71	555.42 RT Price Volatility Make Whole Payment		N/A	N/A	
72	555.28 RT Revenue Neutrality Uplift Amount		N/A	N/A	
73	555.25 RT Misc Amount		N/A	N/A	
74	555.27 RT Net Inadvertent Amount		N/A	N/A	
75	555.31 RT Uninstructed Deviation Amount		N/A	N/A	
76	555.59 RT Demand Response Allocation Uplift Amount		N/A	N/A	
77	555.63 DA Ramp Product		N/A	N/A	
78	555.64 RT Ramp Product		N/A	N/A	
79	555.65 RT Schedule 49 Cost Distribution Amount		N/A	N/A	
80	555.55 RT ASM Non-Excessive Energy Amount***		N/A	N/A	
81	555.56 RT ASM Excessive Energy Amount***		N/A	N/A	
82	555.05 DA Congestion Rebate on COGA		N/A	N/A	
83	555.06 DA Losses Rebate on COGA		N/A	N/A	
84	555.22 RT Congestion Rebate on COGA		N/A	N/A	
85	555.23 RT Loss Rebate on COGA		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	555.03 DA Non-asset Energy Amount		N/A	N/A	
93	555.09 RT Asset Energy Amount***		N/A	N/A	
94	555 RT Non-Asset Energy Amount		N/A	N/A	
95	555.02 DA Make-Whole-Payment Distribution Amount		N/A	N/A	
96	555.1 RT Make-Whole-Payment Distribution Amount		N/A	N/A	
97	555.18 RT Revenue Sufficiency Guarantee Distribution Amount		N/A	N/A	
98	555.15 RT Revenue Neutrality Uplift Distribution Amount		N/A	N/A	
99	555.04 DA Regulation-Down Distribution Amount		N/A	N/A	
100	555.05 DA Regulation-Up Distribution Amount		N/A	N/A	
101	555.06 DA Spinning Reserve Distribution Amount		N/A	N/A	
102	555.07 DA Supplemental Reserve Distribution Amount		N/A	N/A	
103	555.08 RT Contingency Reserve Deployment Failure Amount		N/A	N/A	
104	555.11 RT Over-Collected Losses Distribution Amount		N/A	N/A	
105	555.12 RT Regulation-Down Distribution Amount		N/A	N/A	
106	555.13 RT Regulation Non-Performance Distribution Amount		N/A	N/A	
107	555.14 RT Regulation-Up Distribution Amount		N/A	N/A	
108	555.16 RT Spinning Reserve Distribution Amount		N/A	N/A	
109	555.17 RT Supplemental Reserve Distribution Amount		N/A	N/A	
110	555.2 RT Pseudo Tie Congestion Amount		N/A	N/A	
111	555.21 RT Pseudo Tie Loss Amount		N/A	N/A	
112	555.23 Miscellaneous Amount		N/A	N/A	
113	555.26 ARR Closeout Yearly Amount		N/A	N/A	
114	555.28 RT Demand Reduction Distribution Amount		N/A	N/A	
115	555.29 RT Schedule 1A3 Amount		N/A	N/A	
116	555.30 RT Schedule 1A4 Amount		N/A	N/A	
117	555.31 DA Ramp Up Distribution Amount		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	555.33 RT Ramp Non Performance Distribution Amount		N/A	N/A	New charge type in 2022
120	555.34 RT Ramp Up Distribution Amount		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
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	N/A	
125		<b>Total SPP Wholesale Market Charges</b>			
126					
127		<b>MISO ASM</b>			
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		<b>Total MISO ASM</b>			
145					
146		<b>Total Wholesale Market Charges</b>			
147					
148					
149		<b>Purchased Power</b>			
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 DATA ENDS		
161		<b>Total Purchases</b>	\$	31.12	\$ 29.66
162					Tribal (WAPA) excluded from Total
163		<b>Wind Curtailment</b>	\$	9.47	\$ 39.23
164					
165		<b>Asset Based Sales</b>	\$	62.26	\$ 28.56
166		Fuel Costs	N/A	N/A	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
167		Asset Based Margins	N/A	N/A	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
168					
169		<b>Steam Plant Reagents</b>	N/A	N/A	Effective July 2022 - Docket No. E017/GR-20-719
170					
171		<b>Steam/Water Sales</b>	N/A	N/A	Effective July 2022 - Docket No. E017/GR-20-719
172					
173		<b>Planning Resource Auction Revenues</b>	N/A	N/A	Effective June 2022
174					
175		<b>Total System - Plant Level</b>	\$	21.37	\$ 18.02
					Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total



June 2024 Forecast to Actual - Expense (Revenue)						
Line	Plant Generation	June 2024 Forecast	June 2024 Actual			Notes
1	Big Stone	[PROTECTED DATA BEGINS...]				
2	Coyote					
3	Hoot Lake #2					Hoot Lake plant closed in May 2021
4	Hoot Lake #3					
5						
6		Total Coal	\$ 3,263,490	\$ 4,502,940	\$ 1,239,450	37.96%
7		[PROTECTED DATA BEGINS...]				
8	Langdon Wind					
9	Ashtabula Wind					
10	Luverne Wind					
11	Merricourt					
12						
13		Total Wind	\$ -	\$ -	\$ -	0
14						
15		Total Hydro	\$ -	\$ -	\$ -	0
16		[PROTECTED DATA BEGINS...]				
17	Jamestown 1					
18	Jamestown 2					
19	Lake Preston					
20						
21		Total Oil - Peaking Units	\$ -	\$ 1,275	\$ 1,275	0
22		[PROTECTED DATA BEGINS...]				
23	Natural gas - Solway					
24	Natural gas - Astoria					
25						
26		Total Natural Gas	\$ 443,611	\$ 408,316	\$ (35,295)	-7.96%
27		[PROTECTED DATA BEGINS...]				
28	Solar - Blue Jay					
29	Solar - Blue Heron					
30	Solar - Hoot Lake					
31						
32		Total Solar	\$ -	\$ -	\$ -	0
33						
34		Total OTP-Owned	\$ 3,707,101	\$ 4,912,531	\$ 1,205,430	32.52%
35						
36	Wholesale Market Charges					
37	MISO Wholesale Market Charges					
38	555.02 DA Asset Energy Amount***	\$ -	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
39	555.04 DA FBT Loss Amount	\$ -	\$ -	\$ -	\$ -	0
40	555.09 DA Non-asset Energy Amount***	\$ -	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
41	555.19 RT Asset Energy Amount***	\$ -	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
42	555.24 RT Distribution of Losses Amount	\$ (302,234)	\$ (183,511)	\$ 118,723	\$ -	-39.28%
43	555.21 RT FBT Loss Amount	\$ -	\$ -	\$ -	\$ -	0
44	DA Loss Amount	\$ 764,317	\$ 81,097	\$ (683,220)	\$ -	-89.39%
45	RT Loss Amount	\$ 43,733	\$ (6,563)	\$ (50,295)	\$ -	-115.01%
46	555.26 RT Non-Asset Energy Amount***	\$ -	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
47	555.08 DA Losses Rebate on Option B GFA	\$ -	\$ -	\$ -	\$ -	0
48	555.12 DA Virtual Energy Amount	\$ -	\$ -	\$ -	\$ -	0
49	555.32 RT Virtual Energy Amount	\$ -	\$ -	\$ -	\$ -	0
50	555.01 DA Mkt Admin Amount	\$ 56,267	\$ 52,412	\$ (3,855)	\$ -	-6.85%
51	555.18 RT Mkt Admin Amount	\$ 11,278	\$ 8,970	\$ (2,308)	\$ -	-20.46%
52	555.13 FTR Mkt Admin Amount	\$ 2,243	\$ 1,178	\$ (1,066)	\$ -	-47.51%
53	555.03 DA FBT Congestion Amount	\$ -	\$ -	\$ -	\$ -	0
54	DA Congestion	\$ 2,214,110	\$ 590,198	\$ (1,623,912)	\$ -	-73.34%
55	555.20 RT FBT Congestion Amount	\$ -	\$ -	\$ -	\$ -	0
56	RT Congestion	\$ 242,079	\$ 36,938	\$ (205,141)	\$ -	-84.74%
57	555.14 FTR Hourly Allocation Amount	\$ (2,677,043)	\$ (1,674,498)	\$ 1,002,545	\$ -	-37.45%
58	555.15 FTR Monthly Allocation Amount	\$ (65,552)	\$ (18,117)	\$ 46,435	\$ -	-70.84%
59	555.17 FTR Yearly Allocation Amount	\$ -	\$ -	\$ -	\$ -	0
60	555.35 FTR Monthly Transaction Amount	\$ -	\$ -	\$ -	\$ -	0
61	555.36 FTR Full Funding Guarantee Amount	\$ 59,646	\$ (29,667)	\$ (89,313)	\$ -	-149.74%
62	555.37 FTR Guarantee Uplift Amount	\$ (59,845)	\$ 46,700	\$ 106,545	\$ -	-178.04%
63	555.39 FTR Auction Revenue Rights Transaction Amount	\$ (4,428,580)	\$ (4,005,939)	\$ 422,641	\$ -	-9.54%
64	555.38 FTR Annual Transaction Amount	\$ 4,418,041	\$ 3,971,145	\$ (446,896)	\$ -	-10.12%
65	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	\$ 13,217	\$ 1,840	\$ (11,377)	\$ -	-86.08%
66	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	\$ (97,807)	\$ (214,831)	\$ (117,024)	\$ -	119.65%
67	555.07 DA Congestion Rebate on Option B GFA	\$ -	\$ -	\$ -	\$ -	0
68	555.10 DA Revenue Sufficiency Guarantee Distribution Amount	\$ 16,726	\$ 5,218	\$ (11,508)	\$ -	-68.81%
69	555.11 DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (14,382)	\$ (7,267)	\$ 7,115	\$ -	-49.47%
70	555.29 RT Revenue Sufficiency Guarantee First Pass Distribution Amount	\$ 53,082	\$ 2,957	\$ (50,124)	\$ -	-94.43%
71	555.30 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (229,119)	\$ -	\$ 229,119	\$ -	-100.00%
72	555.42 RT Price Volatility Make Whole Payment	\$ (55,542)	\$ (35,289)	\$ 20,253	\$ -	-36.46%
73	555.28 RT Revenue Neutrality Uplift Amount	\$ 117,809	\$ 112,305	\$ (5,504)	\$ -	-4.67%
74	555.25 RT Misc Amount	\$ 6,775	\$ -	\$ (6,775)	\$ -	-100.00%
75	555.27 RT Net Inadvertent Amount	\$ 170	\$ (6,299)	\$ (6,469)	\$ -	-3809.01%
76	555.31 RT Uninstructed Deviation Amount	\$ -	\$ -	\$ -	\$ -	0
77	555.59 RT Demand Response Allocation Uplift Amount	\$ 28,141	\$ 55	\$ (28,087)	\$ -	-99.81%
78	555.63 DA Ramp Product	\$ (3,965)	\$ (15,484)	\$ (11,519)	\$ -	290.53%
79	555.64 RT Ramp Product	\$ (8)	\$ (1,064)	\$ (1,064)	\$ -	20.40%
80	555.65 RT Schedule 49 Cost Distribution Amount	\$ 14,974	\$ 25,458	\$ 10,484	\$ -	70.02%
81	555.55 RT ASM Non-Excessive Energy Amount***	\$ -	\$ -	\$ -	\$ -	0
82	555.56 RT ASM Excessive Energy Amount***	\$ -	\$ -	\$ -	\$ -	0
83	555.05 DA Congestion Rebate on COGA	\$ -	\$ -	\$ -	\$ -	0
84	555.06 DA Losses Rebate on COGA	\$ -	\$ -	\$ -	\$ -	0
85	555.22 RT Congestion Rebate on COGA	\$ -	\$ -	\$ -	\$ -	0
86	555.23 RT Loss Rebate on COGA	\$ -	\$ -	\$ -	\$ -	0
87	Net Congestion and Losses Adjustment & No DA Generation Schedule	\$ -	\$ (703,053)	\$ (703,053)	\$ -	0
88						
89		Total MISO Wholesale Market Charges	\$ 57,868	\$ (2,028,669)	\$ (2,086,537)	-3605.69%
90						Total Excludes Schedule 16 and 17 (Lines 40, 41, 42 Above)
91						
92	SPP Wholesale Market Charges					
93	555.19 DA Asset Energy Amount***	\$ -	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
94	555.03 DA Non-asset Energy Amount	\$ -	\$ -	\$ -	\$ -	0
95	555.09 RT Asset Energy Amount***	\$ -	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
96	555.00 RT Non-Asset Energy Amount	\$ -	\$ -	\$ -	\$ -	0
97	555.02 DA Make-Whole-Payment Distribution Amount	\$ -	\$ -	\$ -	\$ -	0
98	555.10 RT Make-Whole-Payment Distribution Amount	\$ 1,109	\$ (39)	\$ (1,148)	\$ -	-103.55%
99	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	\$ -	\$ -	\$ -	\$ -	0
100	555.15 RT Revenue Neutrality Uplift Distribution Amount	\$ 248	\$ (16)	\$ (264)	\$ -	-106.54%
101	555.04 DA Regulation-Down Distribution Amount	\$ 16	\$ (2)	\$ (18)	\$ -	-109.65%
102	555.05 DA Regulation-Up Distribution Amount	\$ 62	\$ (2)	\$ (64)	\$ -	-103.54%
103	555.06 DA Spinning Reserve Distribution Amount	\$ 74	\$ (1)	\$ (75)	\$ -	-101.20%
104	555.07 DA Supplemental Reserve Distribution Amount	\$ 11	\$ (0)	\$ (11)	\$ -	-101.80%
105	555.08 RT Contingency Reserve Deployment Failure Amount	\$ (2)	\$ -	\$ 2	\$ -	-100.00%
106	555.11 RT Over-Collected Losses Distribution Amount	\$ (26,765)	\$ (5,049)	\$ 21,716	\$ -	-81.14%
107	555.12 RT Regulation-Down Distribution Amount	\$ 3	\$ (1)	\$ (4)	\$ -	-141.62%
108	555.13 RT Regulation-Down Performance Distribution Amount	\$ (2)	\$ (32)	\$ (30)	\$ -	1363.76%
109	555.14 RT Regulation-Up Distribution Amount	\$ (3)	\$ 0	\$ 3	\$ -	-109.75%
110	555.16 RT Spinning Reserve Distribution Amount	\$ (1)	\$ (0)	\$ 1	\$ -	-93.87%
111	555.17 RT Supplemental Reserve Distribution Amount	\$ (3)	\$ -	\$ 3	\$ -	-100.00%
112	555.20 RT Pseudo Tie Congestion Amount	\$ (77,564)	\$ (72,893)	\$ 4,671	\$ -	-6.02%
113	555.21 RT Pseudo Tie Loss Amount	\$ (18,087)	\$ (12,042)	\$ 6,045	\$ -	-33.42%
114	555.23 Miscellaneous Amount	\$ (3)	\$ -	\$ 3	\$ -	-100.00%
115	555.26 ARR Closeout Yearly Amount	\$ (138,684)	\$ (267,888)	\$ (129,204)	\$ -	93.16%
116	555.28 RT Demand Reduction Distribution Amount	\$ 0	\$ -	\$ (0)	\$ -	-100.00%
117	555.29 RT Schedule 1A3 Amount	\$ 7	\$ (0)	\$ (8)	\$ -	-104.29%
118	555.30 RT Schedule 1A4 Amount	\$ 37	\$ (1)	\$ (38)	\$ -	-102.79%
119	555.31 DA Ramp Up Distribution Amount	\$ 74	\$ 0	\$ (74)	\$ -	-99.96%
120	555.32 DA Ramp Down Distribution Amount	\$ -	\$ -	\$ -	\$ -	0 New charge type in 2022
121	555.33 RT Ramp Non Performance Distribution Amount	\$ (1)	\$ (1)	\$ 0	\$ -	-17.92%
122	555.34 RT Ramp Up Distribution Amount	\$ (5)	\$ -	\$ 5	\$ -	-100.00%
123	555.35 RT Ramp Down Distribution Amount	\$ -	\$ -	\$ -	\$ -	0 New charge type in 2022
124	555.36 ArrAucTmAOamt	\$ -	\$ -	\$ -	\$ -	0 New charge type in 2024

124	555.37	RtURDDistAaAmt	\$ -	\$ -	\$ -	0	New charge type in 2024
125	555.01	DA GFA Carve Out Distribution Deployment Daily Amount	\$ 28	\$ (1)	\$ (29)	-103.97%	
126	555.22	DA GFA Carve Out Distribution Deployment Monthly Amount	\$ (0)	\$ -	\$ 0	-100.00%	
127	555.27	DA GFA Carve Out Distribution Deployment Yearly Amount	\$ (38)	\$ (23)	\$ 15	-39.67%	
128		<b>Total SPP Wholesale Market Charges</b>	<b>\$ (259,489)</b>	<b>\$ (357,991)</b>	<b>\$ (98,502)</b>	<b>37.96%</b>	
129							
130		<b>MISO ASM</b>					
131	555.43	Day Ahead Regulation Amount	\$ (39,626)	\$ (64,548)	\$ (24,922)	62.89%	
132	555.46	Real Time Regulation Amount	\$ (3,565)	\$ 12,610	\$ 16,175	-453.68%	
133	555.52	Regulation Cost Distribution Amount	\$ 21,031	\$ 14,060	\$ (6,971)	-33.15%	
134	555.66	Day Ahead Short-Term Reserve Amount	\$ (18,970)	\$ (49,492)	\$ (30,522)	160.89%	
135	555.67	Real Time Short-Term Reserve Amount	\$ (360)	\$ (911)	\$ (551)	153.05%	
136	555.68	Short-Term Reserve Cost Distribution Amount	\$ 7,125	\$ 9,234	\$ 2,109	29.61%	
137	555.44	Day Ahead Spinning Reserve Amount	\$ (68,588)	\$ (48,460)	\$ 20,128	-29.35%	
138	555.47	Real Time Spinning Reserve Amount	\$ 14,781	\$ (11,017)	\$ (25,798)	-174.54%	
139	555.53	Spinning Reserve Cost Distribution Amount	\$ 21,057	\$ 13,136	\$ (7,921)	-37.62%	
140	555.45	Day Ahead Supplemental Reserve Amount	\$ (56,360)	\$ (12,773)	\$ 43,587	-77.34%	
141	555.48	Real Time Supplemental Reserve Amount	\$ 12,242	\$ 5,516	\$ (6,726)	-54.94%	
142	555.54	Supplemental Reserve Cost Distribution Amount	\$ 6,035	\$ 1,375	\$ (4,660)	-77.21%	
143	555.51	Contingency Reserve Deployment Failure Charge Amount	\$ 3,407	\$ -	\$ (3,407)	-100.00%	
144	555.5	Real Time Excessive Deficient Energy Deployment Charge Amount	\$ 1,927	\$ (7,017)	\$ (8,944)	-464.05%	
145	555.69	Short-Term Reserve Deployment Failure Charge Amount	\$ -	\$ -	\$ -	0	
146	555.49	Net Regulation Adjustment Amount	\$ 1,016	\$ 6,242	\$ 5,226	514.55%	
147		<b>Total MISO ASM</b>	<b>\$ (98,850)</b>	<b>\$ (132,045)</b>	<b>\$ (33,195)</b>	<b>33.58%</b>	
148							
149		<b>Total Wholesale Market Charges</b>	<b>\$ (300,471)</b>	<b>\$ (2,518,705)</b>	<b>\$ (2,218,234)</b>	<b>738.25%</b>	
150							
151							
152		<b>Purchased Power</b>					
153		[PROTECTED DATA BEGINS...					
154		Edgely PPA					
155		Langdon PPA					
156		Ashitabula 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
163							
164		<b>Total Purchases</b>	<b>\$ 6,634,300</b>	<b>\$ 5,032,062</b>	<b>\$ (1,602,238)</b>	<b>-24.15%</b>	Tribal (WAPA) excluded from Total
165							
166		<b>Wind Curtailment</b>	<b>\$ 54,958</b>	<b>\$ 25,705</b>	<b>\$ (29,253)</b>	<b>-53.23%</b>	
167							
168		<b>Asset Based Sales</b>	<b>\$ (443,641)</b>	<b>\$ 290,876</b>	<b>\$ 734,516</b>	<b>-165.57%</b>	Credit to MN FCA Calculation - Subtracted from Total
169		Fuel Costs	\$ (198,402)	\$ (204,589)	\$ (6,187)	3.12%	
170		Asset Based Margins	\$ (245,238)	\$ 495,465	\$ 740,703	-302.03%	
171							
172		<b>Hoot Lake Solar Generation Credit</b>	<b>\$ (366,972)</b>	<b>\$ (206,340)</b>	<b>\$ 160,632</b>	<b>\$ (0)</b>	Effective January 2023
173							
174		<b>Steam Plant Reagents</b>	<b>\$ 147,473</b>	<b>\$ 243,998</b>	<b>\$ 96,525</b>	<b>\$ 1</b>	Effective July 2022 - Docket No. E017/GR-20-719
175							
176		<b>Steam/Water Sales</b>	<b>\$ (87,748)</b>	<b>\$ (93,041)</b>	<b>\$ (5,293)</b>	<b>\$ 0</b>	Effective July 2022 - Docket No. E017/GR-20-719
177							
178		<b>Planning Resource Auction Revenues</b>	<b>\$ -</b>	<b>\$ (27,916)</b>	<b>\$ -</b>	<b>0</b>	Effective June 2022
179							
180		<b>Total System - Plant Level</b>	<b>\$ 9,344,999</b>	<b>\$ 7,659,170</b>	<b>\$ (1,685,829)</b>	<b>-18.04%</b>	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

\*\*\* These energy related charge types are reported in Market Purchases

June 2024 Forecast to Actual - Expense (Revenue)					
Line	Plant Generation	June 2024 Forecast	June 2024 Actual	Notes	
1	Big Stone	[PROTECTED DATA BEGINS...			
2	Coyote				
3	Hoot Lake #2			Hoot Lake plant closed in May 2021	
4	Hoot Lake #3				
5		...PROTECTED DATA ENDS]			
6	Total Coal	130,558	143,598		
7		[PROTECTED DATA BEGINS...			
8	Langdon Wind				
9	Ashtabula Wind				
10	Ashtabula III				
11	Luverne Wind				
12	Merricourt				
13		...PROTECTED DATA ENDS]			
14	Total Wind and Solar	89,708	85,388		
15					
16	Total Hydro	1,644	969		
17		[PROTECTED DATA BEGINS...			
18	Jamestown 1				
19	Jamestown 2				
20	Lake Preston				
21		...PROTECTED DATA ENDS]			
22	Total Oil - Peaking Units				
23		[PROTECTED DATA BEGINS...			
24	Natural gas - Solway				
25	Natural gas - Astoria				
26		...PROTECTED DATA ENDS]			
27	Total Natural Gas	12,576	13,273		
28		[PROTECTED DATA BEGINS...			
29	Solar - Blue Jay				
30	Solar - Blue Heron				
31	Solar - Hoot Lake				
32	Solar - Red Lake Falls Area SB Solar				
33	Solar - Karlstad Area SB				
34	Solar - Crookston Area SB				
35		...PROTECTED DATA ENDS]			
36	Total Solar	10,611	7,788		
37					
38	Total OTP-Owned	234,486	254,014		
39					
40	Wholesale Market Charges				
41	MISO Wholesale Market Charges				
42	555.02 DA Asset Energy Amount**	N/A	N/A		
43	555.04 DA FBT Loss Amount	N/A	N/A		
44	555.09 DA Non-asset Energy Amount***	N/A	N/A		
45	555.19 RT Asset Energy Amount***	N/A	N/A		
46	555.24 RT Distribution of Losses Amount	N/A	N/A		
47	555.21 RT FBT Loss Amount	N/A	N/A		
48	DA Loss Amount	N/A	N/A		
49	RT Loss Amount	N/A	N/A		
50	555.26 RT Non-Asset Energy Amount***	N/A	N/A		
51	555.08 DA Losses Rebate on Option B GFA	N/A	N/A		
52	555.12 DA Virtual Energy Amount	N/A	N/A		
53	555.32 RT Virtual Energy Amount	N/A	N/A		
54	555.01 DA Mkt Admin Amount	N/A	N/A		
55	555.18 RT Mkt Admin Amount	N/A	N/A		
56	555.13 FTR Mkt Admin Amount	N/A	N/A		
57	555.03 DA FBT Congestion Amount	N/A	N/A		
58	DA Congestion	N/A	N/A		
59	555.2 RT FBT Congestion Amount	N/A	N/A		
60	RT Congestion	N/A	N/A		
61	555.14 FTR Hourly Allocation Amount	N/A	N/A		
62	555.15 FTR Monthly Allocation Amount	N/A	N/A		
63	555.17 FTR Yearly Allocation Amount	N/A	N/A		
64	555.36 FTR Monthly Transaction Amount	N/A	N/A		
65	555.36 FTR Full Funding Guarantee Amount	N/A	N/A		
66	555.37 FTR Guarantee Uplift Amount	N/A	N/A		
67	555.39 FTR Auction Revenue Rights Transaction Amount	N/A	N/A		
68	555.38 FTR Annual Transaction Amount	N/A	N/A		
69	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A		
70	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A		
71	555.07 DA Congestion Rebate on Option B GFA	N/A	N/A		
72	555.1 DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A		
73	555.11 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	555.3 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A		
76	555.42 RT Price Volatility Make Whole Payment	N/A	N/A		
77	555.28 RT Revenue Neutrality Uplift Amount	N/A	N/A		
78	555.25 RT Misc Amount	N/A	N/A		
79	555.27 RT Net Inadvertent Amount	N/A	N/A		
80	555.31 RT Uninstructed Deviation Amount	N/A	N/A		
81	555.59 RT Demand Response Allocation Uplift Amount	N/A	N/A		
82	555.63 DA Ramp Product	N/A	N/A		
83	555.64 RT Ramp Product	N/A	N/A		
84	555.65 RT Schedule 49 Cost Distribution Amount	N/A	N/A		
85	555.55 RT ASM Non-Excessive Energy Amount***	N/A	N/A		
86	555.56 RT ASM Excessive Energy Amount***	N/A	N/A		
87	555.05 DA Congestion Rebate on COGA	N/A	N/A		
88	555.06 DA Losses Rebate on COGA	N/A	N/A		
89	555.22 RT Congestion Rebate on COGA	N/A	N/A		
90	555.23 RT Loss Rebate on COGA	N/A	N/A		
91	Net Congestion and Losses Adjustment & No DA Generation Sched.	N/A	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	555.03 DA Non-asset Energy Amount	N/A	N/A		
98	555.09 RT Asset Energy Amount***	N/A	N/A		
99	555 RT Non-Asset Energy Amount	N/A	N/A		
100	555.02 DA Make-Whole-Payment Distribution Amount	N/A	N/A		
101	555.1 RT Make-Whole-Payment Distribution Amount	N/A	N/A		
102	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A		
103	555.15 RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A		
104	555.04 DA Regulation-Down Distribution Amount	N/A	N/A		
105	555.05 DA Regulation-Up Distribution Amount	N/A	N/A		
106	555.06 DA Spinning Reserve Distribution Amount	N/A	N/A		
107	555.07 DA Supplemental Reserve Distribution Amount	N/A	N/A		
108	555.08 RT Contingency Reserve Deployment Failure Amount	N/A	N/A		
109	555.11 RT Over-Collected Losses Distribution Amount	N/A	N/A		
110	555.12 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 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	555.21 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 Demand Reduction Distribution Amount	N/A	N/A		
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	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	555.34	RT Ramp Up Distribution Amount	N/A	N/A	New charge type in 2022
126	555.35	RT Ramp Down Distribution Amount	N/A	N/A	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		<b>Total SPP Wholesale Market Charges</b>			
131					
132		<b>MISO ASM</b>			
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		<b>Total MISO ASM</b>			
150					
151		<b>Total Wholesale Market Charges</b>			
152					
153					
154		<b>Purchased Power</b>			
155			[PROTECTED DATA 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			...PROTECTED DATA ENDS]		
166		<b>Total Purchases</b>	<b>205,838</b>	<b>196,463</b>	Tribal (WAPA) excluded from Total
167					
168		<b>Wind Curtailment</b>	<b>383</b>	<b>656</b>	
169					
170		<b>Asset Based Sales</b>	<b>(7,660)</b>	<b>(8,783)</b>	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
172		Asset Based Margins			Fuel Cost MWh and Margin MWh are not separated - Need to compare total Asset Based Sales
173					
174		<b>Steam Plant Reagents</b>	-	-	Effective July 2022 - Docket No. E017/GR-20-719
175					
176		<b>Steam/Water Sales</b>	-	-	Effective July 2022 - Docket No. E017/GR-20-719
177					
178		<b>Planning Resource Auction Revenues</b>	-	-	Effective June 2022
179					
180		<b>Total System - Plant Level</b>	<b>433,047</b>	<b>442,350</b>	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

June 2024 Forecast to Actual - Expense (Revenue)					
		June 2024 Forecast	June 2024 Actual		Notes
Line	Plant Generation	[PROTECTED DATA BEGINS...]			
1	Big Stone				
2	Coyote				
3		...PROTECTED DATA ENDS]			
4		Total Coal	\$ 25.00	\$ 31.36	
5		[PROTECTED DATA BEGINS...			
6	Langdon Wind				
7	Ashtabula Wind				
8	Ashtabula III				
9	Luverne Wind				
10	Merricourt				
11		...PROTECTED DATA ENDS]			
12		Total Wind	\$ -	\$ -	
13		[PROTECTED DATA BEGINS...			
14		Total Hydro	\$ -	\$ -	
15		[PROTECTED DATA BEGINS...			
16	Jamestown 1				
17	Jamestown 2				
18	Lake Preston				
19		...PROTECTED DATA ENDS]			
20		Total Oil - Peaking Units	\$ -	\$ -	
21		[PROTECTED DATA BEGINS...			
22	Natural gas - Solway				
23	Natural gas - Astoria				
24		...PROTECTED DATA ENDS]			
25		Total Natural Gas	\$ 35.27	\$ 30.76	
26		[PROTECTED DATA BEGINS...			
27	Solar - Blue Jay				
28	Solar - Blue Heron				
29	Solar - Hoot Lake				
30		...PROTECTED DATA ENDS]			
31		Total Solar	\$ -	0	
32		[PROTECTED DATA BEGINS...			
33		Total OTP-Owned	\$ 60.27	\$ 62.12	
34		[PROTECTED DATA BEGINS...			
35	Wholesale Market Charges				
36	MISO Wholesale Market Charges				
37	555.02	DA Asset Energy Amount***	N/A	N/A	
38	555.04	DA FBT Loss Amount	N/A	N/A	
39	555.09	DA Non-asset Energy Amount***	N/A	N/A	
40	555.19	RT Asset Energy Amount***	N/A	N/A	
41	555.24	RT Distribution of Losses Amount	N/A	N/A	
42	555.21	RT FBT Loss Amount	N/A	N/A	
43		DA Loss Amount	N/A	N/A	
44		RT Loss Amount	N/A	N/A	
45	555.26	RT Non-Asset Energy Amount***	N/A	N/A	
46	555.08	DA Losses Rebate on Option B GFA	N/A	N/A	
47	555.12	DA Virtual Energy Amount	N/A	N/A	
48	555.32	RT Virtual Energy Amount	N/A	N/A	
49	555.01	DA Mkt Admin Amount	N/A	N/A	
50	555.18	RT Mkt Admin Amount	N/A	N/A	
51	555.13	FTR Mkt Admin Amount	N/A	N/A	
52	555.03	DA FBT Congestion Amount	N/A	N/A	
53		DA Congestion	N/A	N/A	
54	555.2	RT FBT Congestion Amount	N/A	N/A	
55		RT Congestion	N/A	N/A	
56	555.14	FTR Hourly Allocation Amount	N/A	N/A	
57	555.15	FTR Monthly Allocation Amount	N/A	N/A	
58	555.17	FTR Yearly Allocation Amount	N/A	N/A	
59	555.35	FTR Monthly Transaction Amount	N/A	N/A	
60	555.36	FTR Full Funding Guarantee Amount	N/A	N/A	
61	555.37	FTR Guarantee Uplift Amount	N/A	N/A	
62	555.39	FTR Auction Revenue Rights Transaction Amount	N/A	N/A	
63	555.38	FTR Annual Transaction Amount	N/A	N/A	
64	555.40	FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A	
65	555.41	FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A	
66	555.07	DA Congestion Rebate on Option B GFA	N/A	N/A	
67	555.1	DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
68	555.11	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
69	555.29	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	N/A	N/A	
70	555.3	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
71	555.42	RT Price Volatility Make Whole Payment	N/A	N/A	
72	555.28	RT Revenue Neutrality Uplift Amount	N/A	N/A	
73	555.25	RT Misc Amount	N/A	N/A	
74	555.27	RT Net Inadvertent Amount	N/A	N/A	
75	555.31	RT Uninstructed Deviation Amount	N/A	N/A	
76	555.59	RT Demand Response Allocation Uplift Amount	N/A	N/A	
77	555.63	DA Ramp Product	N/A	N/A	
78	555.64	RT Ramp Product	N/A	N/A	
79	555.65	RT Schedule 49 Cost Distribution Amount	N/A	N/A	
80	555.55	RT ASM Non-Excessive Energy Amount***	N/A	N/A	
81	555.56	RT ASM Excessive Energy Amount***	N/A	N/A	
82	555.05	DA Congestion Rebate on COGA	N/A	N/A	
83	555.06	DA Losses Rebate on COGA	N/A	N/A	
84	555.22	RT Congestion Rebate on COGA	N/A	N/A	
85	555.23	RT Loss Rebate on COGA	N/A	N/A	
86		Net Congestion and Losses Adjustment & No DA Generation Schedule	N/A	N/A	
87		[PROTECTED DATA BEGINS...			
88		Total MISO Wholesale Market Charges			
89		[PROTECTED DATA BEGINS...			
90	SPP Wholesale Market Charges				
91	555.19	DA Asset Energy Amount***	N/A	N/A	
92	555.03	DA Non-asset Energy Amount	N/A	N/A	
93	555.09	RT Asset Energy Amount***	N/A	N/A	
94	555	RT Non-Asset Energy Amount	N/A	N/A	
95	555.02	DA Make-Whole-Payment Distribution Amount	N/A	N/A	
96	555.1	RT Make-Whole-Payment Distribution Amount	N/A	N/A	
97	555.18	RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
98	555.15	RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A	
99	555.04	DA Regulation-Down Distribution Amount	N/A	N/A	
100	555.05	DA Regulation-Up Distribution Amount	N/A	N/A	
101	555.06	DA Spinning Reserve Distribution Amount	N/A	N/A	
102	555.07	DA Supplemental Reserve Distribution Amount	N/A	N/A	
103	555.08	RT Contingency Reserve Deployment Failure Amount	N/A	N/A	
104	555.11	RT Over-Collected Losses Distribution Amount	N/A	N/A	
105	555.12	RT Regulation-Down Distribution Amount	N/A	N/A	
106	555.13	RT Regulation Non-Performance Distribution Amount	N/A	N/A	
107	555.14	RT Regulation-Up Distribution Amount	N/A	N/A	
108	555.16	RT Spinning Reserve Distribution Amount	N/A	N/A	
109	555.17	RT Supplemental Reserve Distribution Amount	N/A	N/A	
110	555.2	RT Pseudo Tie Congestion Amount	N/A	N/A	
111	555.21	RT Pseudo Tie Loss Amount	N/A	N/A	
112	555.23	Miscellaneous Amount	N/A	N/A	
113	555.26	ARR Closeout Yearly Amount	N/A	N/A	
114	555.28	RT Demand Reduction Distribution Amount	N/A	N/A	
115	555.29	RT Schedule 1A3 Amount	N/A	N/A	
116	555.30	RT Schedule 1A4 Amount	N/A	N/A	
117	555.31	DA Ramp Up Distribution Amount	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	555.33	RT Ramp Non Performance Distribution Amount	N/A	N/A	New charge type in 2022
120	555.34	RT Ramp Up Distribution Amount	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
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	N/A	
125		<b>Total SPP Wholesale Market Charges</b>			
126					
127		<b>MISO ASM</b>			
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		<b>Total MISO ASM</b>			
145					
146		<b>Total Wholesale Market Charges</b>			
147					
148					
149		<b>Purchased Power</b>			
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 DATA ENDS		
161		<b>Total Purchases</b>	\$	32.23	\$ 25.61
162					Tribal (WAPA) excluded from Total
163		<b>Wind Curtailment</b>	\$	143.53	\$ 39.18
164					
165		<b>Asset Based Sales</b>	\$	57.91	\$ (33.12)
166		Fuel Costs	N/A	N/A	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
167		Asset Based Margins	N/A	N/A	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
168					
169		<b>Steam Plant Reagents</b>	N/A	N/A	Effective July 2022 - Docket No. E017/GR-20-719
170					
171		<b>Steam/Water Sales</b>	N/A	N/A	Effective July 2022 - Docket No. E017/GR-20-719
172					
173		<b>Planning Resource Auction Revenues</b>	N/A	N/A	Effective June 2022
174					
175		<b>Total System - Plant Level</b>	\$	21.58	\$ 17.31
					Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

July 2024 Forecast to Actual - Expense (Revenue)						
Line	Plant Generation	July 2024 Forecast	July 2024 Actual			Notes
1	Big Stone	[PROTECTED DATA BEGINS...]				
2	Coyote					
3	Hoot Lake #2					Hoot Lake plant closed in May 2021
4	Hoot Lake #3					
5					...[PROTECTED DATA ENDS]	
6	Total Coal	\$ 5,147,423	\$ 4,520,099	\$ (627,324)	-12.19%	
7		[PROTECTED DATA BEGINS...]				
8	Langdon Wind					
9	Ashtabula Wind					
10	Luverne Wind					
11	Merricourt					
12					...[PROTECTED DATA ENDS]	
13	Total Wind	\$ -	\$ -	\$ -	0	
14						
15	Total Hydro	\$ -	\$ -	\$ -	0	
16		[PROTECTED DATA BEGINS...]				
17	Jamestown 1					
18	Jamestown 2					
19	Lake Preston					
20					...[PROTECTED DATA ENDS]	
21	Total Oil - Peaking Units	\$ -	\$ 57,393	\$ 57,393	0	
22		[PROTECTED DATA BEGINS...]				
23	Natural gas - Solway					
24	Natural gas - Astoria					
25					...[PROTECTED DATA ENDS]	
26	Total Natural Gas	\$ 1,625,328	\$ 2,451,460	\$ 826,122	50.83%	
27		[PROTECTED DATA BEGINS...]				
28	Solar - Blue Jay					
29	Solar - Blue Heron					
30	Solar - Hoot Lake					
31					...[PROTECTED DATA ENDS]	
32	Total Solar	\$ -	\$ -	\$ -	0	
33						
34	Total OTP-Owned	\$ 6,772,750	\$ 7,028,942	\$ 256,191	3.78%	
35						
36	Wholesale Market Charges					
37	MISO Wholesale Market Charges					
38	555.02 DA Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
39	555.04 DA FBT Loss Amount	\$ -	\$ -	\$ -	0	
40	555.09 DA Non-asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
41	555.19 RT Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
42	555.24 RT Distribution of Losses Amount	\$ (327,130)	\$ (198,899)	\$ 128,231	-39.20%	
43	555.21 RT FBT Loss Amount	\$ -	\$ -	\$ -	0	
44	DA Loss Amount	\$ 827,277	\$ 719,900	\$ (107,377)	-12.98%	
45	RT Loss Amount	\$ 47,335	\$ 19,685	\$ (27,650)	-58.41%	
46	555.26 RT Non-Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
47	555.08 DA Losses Rebate on Option B GFA	\$ -	\$ -	\$ -	0	
48	555.12 DA Virtual Energy Amount	\$ -	\$ -	\$ -	0	
49	555.32 RT Virtual Energy Amount	\$ -	\$ -	\$ -	0	
50	555.01 DA Mkt Admin Amount	\$ 63,155	\$ 67,006	\$ 3,850	6.10%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
51	555.18 RT Mkt Admin Amount	\$ 10,777	\$ 8,110	\$ (2,668)	-24.75%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
52	555.13 FTR Mkt Admin Amount	\$ 2,495	\$ 2,036	\$ (459)	-18.41%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
53	555.03 DA FBT Congestion Amount	\$ -	\$ -	\$ -	0	
54	DA Congestion	\$ 2,396,497	\$ 735,860	\$ (1,660,637)	-69.29%	
55	555.20 RT FBT Congestion Amount	\$ -	\$ -	\$ -	0	
56	RT Congestion	\$ 262,020	\$ 51,077	\$ (210,942)	-80.51%	
57	555.14 FTR Hourly Allocation Amount	\$ (2,897,563)	\$ (904,636)	\$ 1,992,927	-68.78%	
58	555.15 FTR Monthly Allocation Amount	\$ (70,951)	\$ (25,232)	\$ 45,719	-64.44%	
59	555.17 FTR Yearly Allocation Amount	\$ -	\$ -	\$ -	0	
60	555.35 FTR Monthly Transaction Amount	\$ -	\$ -	\$ -	0	
61	555.36 FTR Full Funding Guarantee Amount	\$ 51,185	\$ 9,810	\$ (41,375)	-80.83%	
62	555.37 FTR Guarantee Uplift Amount	\$ (51,185)	\$ (9,810)	\$ 41,375	-80.83%	
63	555.39 FTR Auction Revenue Rights Transaction Amount	\$ (4,428,580)	\$ (4,005,939)	\$ 422,641	-9.54%	
64	555.38 FTR Annual Transaction Amount	\$ 4,418,041	\$ 3,971,145	\$ (446,896)	-10.12%	
65	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	\$ 13,217	\$ 1,840	\$ (11,377)	-86.08%	
66	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	\$ (97,807)	\$ (214,831)	\$ (117,024)	119.65%	
67	555.07 DA Congestion Rebate on Option B GFA	\$ -	\$ -	\$ -	0	
68	555.10 DA Revenue Sufficiency Guarantee Distribution Amount	\$ 12,654	\$ 7,125	\$ (5,529)	-43.70%	
69	555.11 DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (3,644)	\$ (18,568)	\$ (14,924)	409.59%	
70	555.29 RT Revenue Sufficiency Guarantee First Pass Distribution Amount	\$ 53,082	\$ 7,077	\$ (46,005)	-86.67%	
71	555.30 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (229,119)	\$ -	\$ 229,119	-100.00%	
72	555.42 RT Price Volatility Make Whole Payment	\$ (55,542)	\$ (20,687)	\$ 34,856	-62.76%	
73	555.28 RT Revenue Neutrality Uplift Amount	\$ 117,809	\$ 132,986	\$ 15,177	12.88%	
74	555.25 RT Misc Amount	\$ 6,775	\$ 9	\$ (6,766)	-99.86%	
75	555.27 RT Net Inadvertent Amount	\$ 170	\$ (3,043)	\$ (3,213)	-1891.80%	
76	555.31 RT Uninstructed Deviation Amount	\$ -	\$ -	\$ -	0	
77	555.59 RT Demand Response Allocation Uplift Amount	\$ 31,238	\$ 3,122	\$ (28,115)	-90.01%	
78	555.63 DA Ramp Product	\$ (1,865)	\$ (13,636)	\$ (11,971)	641.86%	
79	555.64 RT Ramp Product	\$ (1,461)	\$ (763)	\$ 698	-47.79%	
80	555.65 RT Schedule 49 Cost Distribution Amount	\$ 14,974	\$ 23,289	\$ 8,314	55.53%	
81	555.55 RT ASM Non-Excessive Energy Amount***	\$ -	\$ -	\$ -	0	
82	555.56 RT ASM Excessive Energy Amount***	\$ -	\$ -	\$ -	0	
83	555.05 DA Congestion Rebate on COGA	\$ -	\$ -	\$ -	0	
84	555.06 DA Losses Rebate on COGA	\$ -	\$ -	\$ -	0	
85	555.22 RT Congestion Rebate on COGA	\$ -	\$ -	\$ -	0	
86	555.23 RT Loss Rebate on COGA	\$ -	\$ -	\$ -	0	
87	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	555.19 DA Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
93	555.03 DA Non-asset Energy Amount	\$ -	\$ -	\$ -	0	
94	555.09 RT Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
95	555.00 RT Non-Asset Energy Amount	\$ -	\$ -	\$ -	0	
96	555.02 DA Make-Whole-Payment Distribution Amount	\$ -	\$ -	\$ -	0	
97	555.10 RT Make-Whole-Payment Distribution Amount	\$ 1,109	\$ -	\$ (1,109)	-100.00%	
98	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	\$ -	\$ -	\$ -	0	
99	555.15 RT Revenue Neutrality Uplift Distribution Amount	\$ 248	\$ -	\$ (248)	-100.00%	
100	555.04 DA Regulation-Down Distribution Amount	\$ 16	\$ (763)	\$ (779)	-100.00%	
101	555.05 DA Regulation-Up Distribution Amount	\$ 62	\$ -	\$ (62)	-100.00%	
102	555.06 DA Spinning Reserve Distribution Amount	\$ 74	\$ -	\$ (74)	-100.00%	
103	555.07 DA Supplemental Reserve Distribution Amount	\$ 11	\$ -	\$ (11)	-100.00%	
104	555.08 RT Contingency Reserve Deployment Failure Amount	\$ (2)	\$ -	\$ 2	-100.00%	
105	555.11 RT Over-Collected Losses Distribution Amount	\$ (28,969)	\$ (8,119)	\$ 20,850	-71.97%	
106	555.12 RT Regulation-Down Distribution Amount	\$ 3	\$ -	\$ (3)	-100.00%	
107	555.13 RT Regulation-Non-Performance Distribution Amount	\$ (2)	\$ -	\$ 2	-100.00%	
108	555.14 RT Regulation-Up Distribution Amount	\$ (3)	\$ -	\$ 3	-100.00%	
109	555.16 RT Spinning Reserve Distribution Amount	\$ (1)	\$ -	\$ 1	-100.00%	
110	555.17 RT Supplemental Reserve Distribution Amount	\$ (3)	\$ -	\$ 3	-100.00%	
111	555.20 RT Pseudo Tie Congestion Amount	\$ (83,953)	\$ 29,017	\$ 112,970	-134.56%	
112	555.21 RT Pseudo Tie Loss Amount	\$ (19,577)	\$ 3,628	\$ 23,205	-118.53%	
113	555.23 Miscellaneous Amount	\$ (3)	\$ -	\$ 3	-100.00%	
114	555.26 ARR Closeout Yearly Amount	\$ (2)	\$ -	\$ 2	-100.00%	
115	555.28 RT Demand Reduction Distribution Amount	\$ 0	\$ -	\$ (0)	-100.00%	
116	555.29 RT Schedule 1A3 Amount	\$ 7	\$ -	\$ (7)	-100.00%	
117	555.30 RT Schedule 1A4 Amount	\$ 37	\$ -	\$ (37)	-100.00%	
118	555.31 DA Ramp Up 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 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	555.35 RT Ramp Down Distribution Amount	\$ -	\$ -	\$ -	0	New charge type in 2022
123	555.36 ArrAucTmAOamt	\$ -	\$ -	\$ -	0	New charge type in 2024

124	555.37	RtURDDistAaAmt	\$	-	\$	-	\$	-	0	New charge type in 2024
125	555.01	DA GFA Carve Out Distribution Deployment Daily Amount	\$	28	\$	-	\$	(28)	-100.00%	
126	555.22	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		<b>Total SPP Wholesale Market Charges</b>	\$	<b>(130,854)</b>	\$	<b>24,525</b>	\$	<b>155,379</b>	<b>-118.74%</b>	
129										
130		<b>MISO ASM</b>								
131	555.43	Day Ahead Regulation Amount	\$	(43,578)	\$	(98,801)	\$	(55,223)	126.72%	
132	555.46	Real Time Regulation Amount	\$	(3,288)	\$	12,591	\$	15,878	-482.95%	
133	555.52	Regulation Cost Distribution Amount	\$	16,638	\$	28,280	\$	11,622	69.86%	
134	555.56	Day Ahead Short-Term Reserve Amount	\$	(14,146)	\$	(66,650)	\$	(52,503)	371.15%	
135	555.67	Real Time Short-Term Reserve Amount	\$	(692)	\$	(9,975)	\$	(9,292)	1361.54%	
136	555.68	Short-Term Reserve Cost Distribution Amount	\$	5,439	\$	62,395	\$	56,956	1047.11%	
137	555.44	Day Ahead Spinning Reserve Amount	\$	(34,842)	\$	(35,751)	\$	(908)	2.61%	
138	555.47	Real Time Spinning Reserve Amount	\$	(1,120)	\$	(2,744)	\$	(1,624)	145.07%	
139	555.53	Spinning Reserve Cost Distribution Amount	\$	13,434	\$	19,694	\$	6,260	46.59%	
140	555.45	Day Ahead Supplemental Reserve Amount	\$	(57,362)	\$	(52,357)	\$	5,005	-8.72%	
141	555.48	Real Time Supplemental Reserve Amount	\$	1,053	\$	15,696	\$	14,644	1391.21%	
142	555.54	Supplemental Reserve Cost Distribution Amount	\$	8,988	\$	6,243	\$	(2,744)	-30.54%	
143	555.51	Contingency Reserve Deployment Failure Charge Amount	\$	3,407	\$	-	\$	(3,407)	-100.00%	
144	555.5	Real Time Excessive Deficient Energy Deployment Charge Amount	\$	1,927	\$	1,765	\$	(163)	-8.45%	
145	555.69	Short-Term Reserve Deployment Failure Charge Amount	\$	-	\$	-	\$	-	0	
146	555.49	Net Regulation Adjustment Amount	\$	1,016	\$	5,046	\$	4,031	396.87%	
147		<b>Total MISO ASM</b>	\$	<b>(103,117)</b>	\$	<b>(114,587)</b>	\$	<b>(11,470)</b>	<b>11.12%</b>	
148										
149		<b>Total Wholesale Market Charges</b>	\$	<b>(146,546)</b>	\$	<b>(5,055,597)</b>	\$	<b>(4,909,050)</b>	<b>3349.83%</b>	
150										
151										
152		<b>Purchased Power</b>								
153										
154		Edgely PPA								
155		Langdon PPA								
156		Ashitabula 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
163										
164		<b>Total Purchases</b>	\$	<b>5,592,004</b>	\$	<b>4,248,902</b>	\$	<b>(1,343,102)</b>	<b>-24.02%</b>	Tribal (WAPA) excluded from Total
165										
166		<b>Wind Curtailment</b>	\$	<b>21,708</b>	\$	<b>17,237</b>	\$	<b>(4,471)</b>	<b>-20.59%</b>	
167										
168		<b>Asset Based Sales</b>	\$	<b>(651,978)</b>	\$	<b>3,793,677</b>	\$	<b>4,445,655</b>	<b>-681.87%</b>	Credit to MN FCA Calculation - Subtracted from Total
169		Fuel Costs	\$	(283,006)	\$	(881,407)	\$	(598,401)	211.45%	
170		Asset Based Margins	\$	(368,972)	\$	4,675,084	\$	5,044,056	-1367.06%	
171										
172		<b>Hoot Lake Solar Generation Credit</b>	\$	<b>(504,407)</b>	\$	<b>(430,639)</b>	\$	<b>73,768</b>	<b>(0)</b>	Effective January 2023
173										
174		<b>Steam Plant Reagents</b>	\$	<b>256,494</b>	\$	<b>350,173</b>	\$	<b>93,679</b>	<b>0</b>	Effective July 2022 - Docket No. E017/GR-20-719
175										
176		<b>Steam/Water Sales</b>	\$	<b>(122,003)</b>	\$	<b>(90,919)</b>	\$	<b>31,085</b>	<b>(0)</b>	Effective July 2022 - Docket No. E017/GR-20-719
177										
178		<b>Planning Resource Auction Revenues</b>	\$	<b>-</b>	\$	<b>(32,960)</b>	\$	<b>-</b>	<b>0</b>	Effective June 2022
179										
180		<b>Total System - Plant Level</b>	\$	<b>11,218,022</b>	\$	<b>9,828,818</b>	\$	<b>(1,389,204)</b>	<b>-12.38%</b>	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

\*\*\* These energy related charge types are reported in Market Purchases



July 2024 Forecast to Actual - Expense (Revenue)					
Line	Plant Generation	July 2024 Forecast	July 2024 Actual	Notes	
1	Big Stone	[PROTECTED DATA BEGINS...			
2	Coyote				
3	Hoot Lake #2			Hoot Lake plant closed in May 2021	
4	Hoot Lake #3				
5		...PROTECTED DATA ENDS]			
6	Total Coal	208,010	183,137		
7		[PROTECTED DATA BEGINS...			
8	Langdon Wind				
9	Ashtabula Wind				
10	Ashtabula III				
11	Luverne Wind				
12	Merricourt				
13		...PROTECTED DATA ENDS]			
14	Total Wind and Solar	75,417	52,213		
15					
16	Total Hydro	1,699	671		
17		[PROTECTED DATA BEGINS...			
18	Jamestown 1				
19	Jamestown 2				
20	Lake Preston				
21		...PROTECTED DATA ENDS]			
22	Total Oil - Peaking Units		155		
23		[PROTECTED DATA BEGINS...			
24	Natural gas - Solway				
25	Natural gas - Astoria				
26		...PROTECTED DATA ENDS]			
27	Total Natural Gas	49,456	103,409		
28		[PROTECTED DATA BEGINS...			
29	Solar - Blue Jay				
30	Solar - Blue Heron				
31	Solar - Hoot Lake				
32	Solar - Red Lake Falls Area SB Solar				
33	Solar - Karlstad Area SB				
34	Solar - Crookston Area SB				
35		...PROTECTED DATA ENDS]			
36	Total Solar	12,012	9,503		
37					
38	Total OTP-Owned	334,582	349,088		
39					
40	Wholesale Market Charges				
41	MISO Wholesale Market Charges				
42	555.02 DA Asset Energy Amount**	N/A	N/A		
43	555.04 DA FBT Loss Amount	N/A	N/A		
44	555.09 DA Non-asset Energy Amount***	N/A	N/A		
45	555.19 RT Asset Energy Amount***	N/A	N/A		
46	555.24 RT Distribution of Losses Amount	N/A	N/A		
47	555.21 RT FBT Loss Amount	N/A	N/A		
48	DA Loss Amount	N/A	N/A		
49	RT Loss Amount	N/A	N/A		
50	555.26 RT Non-Asset Energy Amount***	N/A	N/A		
51	555.08 DA Losses Rebate on Option B GFA	N/A	N/A		
52	555.12 DA Virtual Energy Amount	N/A	N/A		
53	555.32 RT Virtual Energy Amount	N/A	N/A		
54	555.01 DA Mkt Admin Amount	N/A	N/A		
55	555.18 RT Mkt Admin Amount	N/A	N/A		
56	555.13 FTR Mkt Admin Amount	N/A	N/A		
57	555.03 DA FBT Congestion Amount	N/A	N/A		
58	DA Congestion	N/A	N/A		
59	555.2 RT FBT Congestion Amount	N/A	N/A		
60	RT Congestion	N/A	N/A		
61	555.14 FTR Hourly Allocation Amount	N/A	N/A		
62	555.15 FTR Monthly Allocation Amount	N/A	N/A		
63	555.17 FTR Yearly Allocation Amount	N/A	N/A		
64	555.36 FTR Monthly Transaction Amount	N/A	N/A		
65	555.36 FTR Full Funding Guarantee Amount	N/A	N/A		
66	555.37 FTR Guarantee Uplift Amount	N/A	N/A		
67	555.39 FTR Auction Revenue Rights Transaction Amount	N/A	N/A		
68	555.38 FTR Annual Transaction Amount	N/A	N/A		
69	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A		
70	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A		
71	555.07 DA Congestion Rebate on Option B GFA	N/A	N/A		
72	555.1 DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A		
73	555.11 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	555.3 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A		
76	555.42 RT Price Volatility Make Whole Payment	N/A	N/A		
77	555.28 RT Revenue Neutrality Uplift Amount	N/A	N/A		
78	555.25 RT Misc Amount	N/A	N/A		
79	555.27 RT Net Inadvertent Amount	N/A	N/A		
80	555.31 RT Uninstructed Deviation Amount	N/A	N/A		
81	555.59 RT Demand Response Allocation Uplift Amount	N/A	N/A		
82	555.63 DA Ramp Product	N/A	N/A		
83	555.64 RT Ramp Product	N/A	N/A		
84	555.65 RT Schedule 49 Cost Distribution Amount	N/A	N/A		
85	555.55 RT ASM Non-Excessive Energy Amount***	N/A	N/A		
86	555.56 RT ASM Excessive Energy Amount***	N/A	N/A		
87	555.05 DA Congestion Rebate on COGA	N/A	N/A		
88	555.06 DA Losses Rebate on COGA	N/A	N/A		
89	555.22 RT Congestion Rebate on COGA	N/A	N/A		
90	555.23 RT Loss Rebate on COGA	N/A	N/A		
91	Net Congestion and Losses Adjustment & No DA Generation Sched.	N/A	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	555.03 DA Non-asset Energy Amount	N/A	N/A		
98	555.09 RT Asset Energy Amount***	N/A	N/A		
99	555 RT Non-Asset Energy Amount	N/A	N/A		
100	555.02 DA Make-Whole-Payment Distribution Amount	N/A	N/A		
101	555.1 RT Make-Whole-Payment Distribution Amount	N/A	N/A		
102	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A		
103	555.15 RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A		
104	555.04 DA Regulation-Down Distribution Amount	N/A	N/A		
105	555.05 DA Regulation-Up Distribution Amount	N/A	N/A		
106	555.06 DA Spinning Reserve Distribution Amount	N/A	N/A		
107	555.07 DA Supplemental Reserve Distribution Amount	N/A	N/A		
108	555.08 RT Contingency Reserve Deployment Failure Amount	N/A	N/A		
109	555.11 RT Over-Collected Losses Distribution Amount	N/A	N/A		
110	555.12 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 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	555.21 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 Demand Reduction Distribution Amount	N/A	N/A		
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	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	555.34	RT Ramp Up Distribution Amount	N/A	N/A	New charge type in 2022
126	555.35	RT Ramp Down Distribution Amount	N/A	N/A	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		<b>Total SPP Wholesale Market Charges</b>			
131					
132		<b>MISO ASM</b>			
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		<b>Total MISO ASM</b>			
150					
151		<b>Total Wholesale Market Charges</b>			
152					
153					
154		<b>Purchased Power</b>			
155			[PROTECTED DATA 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			...PROTECTED DATA ENDS]		
166		<b>Total Purchases</b>	<b>144,068</b>	<b>172,355</b>	Tribal (WAPA) excluded from Total
167					
168		<b>Wind Curtailment</b>	<b>59</b>	<b>439</b>	
169					
170		<b>Asset Based Sales</b>	<b>(10,758)</b>	<b>(33,825)</b>	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
172		Asset Based Margins			Fuel Cost MWh and Margin MWh are not separated - Need to compare total Asset Based Sales
173					
174		<b>Steam Plant Reagents</b>	-	-	Effective July 2022 - Docket No. E017/GR-20-719
175					
176		<b>Steam/Water Sales</b>	-	-	Effective July 2022 - Docket No. E017/GR-20-719
177					
178		<b>Planning Resource Auction Revenues</b>	-	-	Effective June 2022
179					
180		<b>Total System - Plant Level</b>	<b>467,950</b>	<b>488,057</b>	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

July 2024 Forecast to Actual - Expense (Revenue)					
Line	Plant Generation	July 2024 Forecast	July 2024 Actual		Notes
1	Big Stone	[PROTECTED DATA BEGINS...			
2	Coyote				
3					
4		Total Coal	\$ 24.75	\$ 24.68	
5			[PROTECTED DATA BEGINS...		
6	Langdon Wind				
7	Ashtabula Wind				
8	Ashtabula III				
9	Luverne Wind				
10	Merricourt				
11					
12		Total Wind	\$ -	\$ -	
13					
14		Total Hydro	\$ -	\$ -	
15			[PROTECTED DATA BEGINS...		
16	Jamestown 1				
17	Jamestown 2				
18	Lake Preston				
19					
20		Total Oil - Peaking Units	\$ -	\$ -	
21			[PROTECTED DATA BEGINS...		
22	Natural gas - Solway				
23	Natural gas - Astoria				
24					
25		Total Natural Gas	\$ 32.86	\$ 23.71	
26			[PROTECTED DATA BEGINS...		
27	Solar - Blue Jay				
28	Solar - Blue Heron				
29	Solar - Hoot Lake				
30					
31		Total Solar	\$ -	\$ 0	
32					
33		Total OTP-Owned	\$ 57.61	\$ 48.39	
34					
35	Wholesale Market Charges				
36	MISO Wholesale Market Charges				
37	555.02	DA Asset Energy Amount***	N/A	N/A	
38	555.04	DA FBT Loss Amount	N/A	N/A	
39	555.09	DA Non-asset Energy Amount***	N/A	N/A	
40	555.19	RT Asset Energy Amount***	N/A	N/A	
41	555.24	RT Distribution of Losses Amount	N/A	N/A	
42	555.21	RT FBT Loss Amount	N/A	N/A	
43		DA Loss Amount	N/A	N/A	
44		RT Loss Amount	N/A	N/A	
45	555.26	RT Non-Asset Energy Amount***	N/A	N/A	
46	555.08	DA Losses Rebate on Option B GFA	N/A	N/A	
47	555.12	DA Virtual Energy Amount	N/A	N/A	
48	555.32	RT Virtual Energy Amount	N/A	N/A	
49	555.01	DA Mkt Admin Amount	N/A	N/A	
50	555.18	RT Mkt Admin Amount	N/A	N/A	
51	555.13	FTR Mkt Admin Amount	N/A	N/A	
52	555.03	DA FBT Congestion Amount	N/A	N/A	
53		DA Congestion	N/A	N/A	
54	555.2	RT FBT Congestion Amount	N/A	N/A	
55		RT Congestion	N/A	N/A	
56	555.14	FTR Hourly Allocation Amount	N/A	N/A	
57	555.15	FTR Monthly Allocation Amount	N/A	N/A	
58	555.17	FTR Yearly Allocation Amount	N/A	N/A	
59	555.35	FTR Monthly Transaction Amount	N/A	N/A	
60	555.36	FTR Full Funding Guarantee Amount	N/A	N/A	
61	555.37	FTR Guarantee Uplift Amount	N/A	N/A	
62	555.39	FTR Auction Revenue Rights Transaction Amount	N/A	N/A	
63	555.38	FTR Annual Transaction Amount	N/A	N/A	
64	555.40	FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A	
65	555.41	FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A	
66	555.07	DA Congestion Rebate on Option B GFA	N/A	N/A	
67	555.1	DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
68	555.11	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
69	555.29	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	N/A	N/A	
70	555.3	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
71	555.42	RT Price Volatility Make Whole Payment	N/A	N/A	
72	555.28	RT Revenue Neutrality Uplift Amount	N/A	N/A	
73	555.25	RT Misc Amount	N/A	N/A	
74	555.27	RT Net Inadvertent Amount	N/A	N/A	
75	555.31	RT Uninstructed Deviation Amount	N/A	N/A	
76	555.59	RT Demand Response Allocation Uplift Amount	N/A	N/A	
77	555.63	DA Ramp Product	N/A	N/A	
78	555.64	RT Ramp Product	N/A	N/A	
79	555.65	RT Schedule 49 Cost Distribution Amount	N/A	N/A	
80	555.55	RT ASM Non-Excessive Energy Amount***	N/A	N/A	
81	555.56	RT ASM Excessive Energy Amount***	N/A	N/A	
82	555.05	DA Congestion Rebate on COGA	N/A	N/A	
83	555.06	DA Losses Rebate on COGA	N/A	N/A	
84	555.22	RT Congestion Rebate on COGA	N/A	N/A	
85	555.23	RT Loss Rebate on COGA	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	555.03	DA Non-asset Energy Amount	N/A	N/A	
93	555.09	RT Asset Energy Amount***	N/A	N/A	
94	555	RT Non-Asset Energy Amount	N/A	N/A	
95	555.02	DA Make-Whole-Payment Distribution Amount	N/A	N/A	
96	555.1	RT Make-Whole-Payment Distribution Amount	N/A	N/A	
97	555.18	RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
98	555.15	RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A	
99	555.04	DA Regulation-Down Distribution Amount	N/A	N/A	
100	555.05	DA Regulation-Up Distribution Amount	N/A	N/A	
101	555.06	DA Spinning Reserve Distribution Amount	N/A	N/A	
102	555.07	DA Supplemental Reserve Distribution Amount	N/A	N/A	
103	555.08	RT Contingency Reserve Deployment Failure Amount	N/A	N/A	
104	555.11	RT Over-Collected Losses Distribution Amount	N/A	N/A	
105	555.12	RT Regulation-Down Distribution Amount	N/A	N/A	
106	555.13	RT Regulation Non-Performance Distribution Amount	N/A	N/A	
107	555.14	RT Regulation-Up Distribution Amount	N/A	N/A	
108	555.16	RT Spinning Reserve Distribution Amount	N/A	N/A	
109	555.17	RT Supplemental Reserve Distribution Amount	N/A	N/A	
110	555.2	RT Pseudo Tie Congestion Amount	N/A	N/A	
111	555.21	RT Pseudo Tie Loss Amount	N/A	N/A	
112	555.23	Miscellaneous Amount	N/A	N/A	
113	555.26	ARR Closeout Yearly Amount	N/A	N/A	
114	555.28	RT Demand Reduction Distribution Amount	N/A	N/A	
115	555.29	RT Schedule 1A3 Amount	N/A	N/A	
116	555.30	RT Schedule 1A4 Amount	N/A	N/A	
117	555.31	DA Ramp Up Distribution Amount	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	555.33	RT Ramp Non Performance Distribution Amount	N/A	N/A	New charge type in 2022
120	555.34	RT Ramp Up Distribution Amount	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
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	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 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			
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					
161		Total Purchases	\$ 38.82	\$ 24.65	Tribal (WAPA) excluded from Total
162					
163		Wind Curtailment	\$ 367.93	\$ 39.25	
164					
165		Asset Based Sales	\$ 60.60	\$ (112.16)	
166		Fuel Costs	N/A	N/A	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
167		Asset Based Margins	N/A	N/A	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset 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	\$ 23.97	\$ 20.14	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

August 2024 Forecast to Actual - Expense (Revenue)							Notes
Line	Plant Generation	August 2024 Forecast	August 2024 Actual				
1	Big Stone	[PROTECTED DATA BEGINS...]					
2	Coyote						
3	Hoot Lake #2						Hoot Lake plant closed in May 2021
4	Hoot Lake #3						
5						...[PROTECTED DATA ENDS]	
6	Total Coal	\$ 5,456,125	\$ 3,910,963	\$ (1,545,162)		-28.32%	
7		[PROTECTED DATA BEGINS...]					
8	Langdon Wind						
9	Ashtabula Wind						
10	Luverne Wind						
11	Merricourt						
12						...[PROTECTED DATA ENDS]	
13	Total Wind	\$ -	\$ -	\$ -		0	
14							
15	Total Hydro	\$ -	\$ -	\$ -		0	
16		[PROTECTED DATA BEGINS...]					
17	Jamestown 1						
18	Jamestown 2						
19	Lake Preston						
20						...[PROTECTED DATA ENDS]	
21	Total Oil - Peaking Units	\$ 179,578	\$ 46,891	\$ (132,687)		-73.89%	
22		[PROTECTED DATA BEGINS...]					
23	Natural gas - Solway						
24	Natural gas - Astoria						
25						...[PROTECTED DATA ENDS]	
26	Total Natural Gas	\$ 1,204,866	\$ 971,125	\$ (233,741)		-19.40%	
27		[PROTECTED DATA BEGINS...]					
28	Solar - Blue Jay						
29	Solar - Blue Heron						
30	Solar - Hoot Lake						
31						...[PROTECTED DATA ENDS]	
32	Total Solar	\$ -	\$ -	\$ -		0	
33							
34	Total OTP-Owned	\$ 6,840,569	\$ 4,928,979	\$ (1,911,590)		-27.94%	
35							
36	Wholesale Market Charges						
37	MISO Wholesale Market Charges						
38	555.02 DA Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases	
39	555.04 DA FBT Loss Amount	\$ -	\$ -	\$ -	0		
40	555.09 DA Non-asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases	
41	555.19 RT Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases	
42	555.24 RT Distribution of Losses Amount	\$ (320,815)	\$ (198,684)	\$ 122,130	-38.07%		
43	555.21 RT FBT Loss Amount	\$ -	\$ -	\$ -	0		
44	DA Loss Amount	\$ 811,306	\$ 509,869	\$ (301,436)	-37.15%		
45	RT Loss Amount	\$ 46,421	\$ 22,227	\$ (24,194)	-52.12%		
46	555.26 RT Non-Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases	
47	555.08 DA Losses Rebate on Option B GFA	\$ -	\$ -	\$ -	0		
48	555.12 DA Virtual Energy Amount	\$ -	\$ -	\$ -	0		
49	555.32 RT Virtual Energy Amount	\$ -	\$ -	\$ -	0		
50	555.01 DA Mkt Admin Amount	\$ 62,227	\$ 58,472	\$ (3,755)	-6.03%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable	
51	555.18 RT Mkt Admin Amount	\$ 10,499	\$ 7,179	\$ (3,320)	-31.62%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable	
52	555.13 FTR Mkt Admin Amount	\$ 2,539	\$ 1,776	\$ (762)	-30.03%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable	
53	555.03 DA FBT Congestion Amount	\$ -	\$ -	\$ -	0		
54	DA Congestion	\$ 2,350,230	\$ 1,557,384	\$ (792,847)	-33.73%		
55	555.20 RT FBT Congestion Amount	\$ -	\$ -	\$ -	0		
56	RT Congestion	\$ 256,961	\$ 326,515	\$ 69,554	27.07%		
57	555.14 FTR Hourly Allocation Amount	\$ (2,841,624)	\$ (2,396,111)	\$ 445,513	-15.59%		
58	555.15 FTR Monthly Allocation Amount	\$ (69,582)	\$ (15,469)	\$ 54,113	-77.77%		
59	555.17 FTR Yearly Allocation Amount	\$ -	\$ -	\$ -	0		
60	555.35 FTR Monthly Transaction Amount	\$ -	\$ -	\$ -	0		
61	555.36 FTR Full Funding Guarantee Amount	\$ (47,514)	\$ (101,047)	\$ (53,533)	112.67%		
62	555.37 FTR Guarantee Uplift Amount	\$ 47,514	\$ 101,047	\$ 53,533	112.67%		
63	555.39 FTR Auction Revenue Rights Transaction Amount	\$ (4,428,580)	\$ (4,005,939)	\$ 422,641	-9.54%		
64	555.38 FTR Annual Transaction Amount	\$ 4,418,041	\$ 3,971,145	\$ (446,896)	-10.12%		
65	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	\$ 13,217	\$ 1,840	\$ (11,377)	-86.08%		
66	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	\$ (97,807)	\$ (214,831)	\$ (117,024)	119.65%		
67	555.07 DA Congestion Rebate on Option B GFA	\$ -	\$ -	\$ -	0		
68	555.10 DA Revenue Sufficiency Guarantee Distribution Amount	\$ 16,437	\$ 6,667	\$ (9,770)	-59.44%		
69	555.11 DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (59,674)	\$ (4,458)	\$ 55,216	-92.53%		
70	555.29 RT Revenue Sufficiency Guarantee First Pass Distribution Amount	\$ 53,082	\$ 15,549	\$ (37,533)	-70.71%		
71	555.30 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (229,119)	\$ -	\$ 229,119	-100.00%		
72	555.42 RT Price Volatility Make Whole Payment	\$ (55,542)	\$ (26,014)	\$ 29,529	-53.16%		
73	555.28 RT Revenue Neutrality Uplift Amount	\$ 117,809	\$ 88,407	\$ (29,402)	-24.96%		
74	555.25 RT Misc Amount	\$ 6,775	\$ 29	\$ (6,746)	-99.58%		
75	555.27 RT Net Inadvertent Amount	\$ 170	\$ (7,279)	\$ (7,449)	-4386.28%		
76	555.31 RT Uninstructed Deviation Amount	\$ -	\$ -	\$ -	0		
77	555.59 RT Demand Response Allocation Uplift Amount	\$ 16,034	\$ 2,727	\$ (13,307)	-82.99%		
78	555.63 DA Ramp Product	\$ (2,075)	\$ (9,628)	\$ (7,554)	364.08%		
79	555.64 RT Ramp Product	\$ (2,096)	\$ 119	\$ 2,217	-105.66%		
80	555.65 RT Schedule 49 Cost Distribution Amount	\$ 14,974	\$ 17,932	\$ 2,957	19.75%		
81	555.55 RT ASM Non-Excessive Energy Amount***	\$ -	\$ -	\$ -	0		
82	555.56 RT ASM Excessive Energy Amount***	\$ -	\$ -	\$ -	0		
83	555.05 DA Congestion Rebate on COGA	\$ -	\$ -	\$ -	0		
84	555.06 DA Losses Rebate on COGA	\$ -	\$ -	\$ -	0		
85	555.22 RT Congestion Rebate on COGA	\$ -	\$ -	\$ -	0		
86	555.23 RT Loss Rebate on COGA	\$ -	\$ -	\$ -	0		
87	Net Congestion and Losses Adjustment & No DA Generation Schedule	\$ -	\$ 102,508	\$ 102,508	0		
88							
89	Total MISO Wholesale Market Charges	\$ 14,542	\$ (257,894.61)	\$ (272,437)	-1873.44%	Total Excludes Schedule 16 and 17 (Lines 40, 41, 42 Above)	
90							
91	SPP Wholesale Market Charges						
92	555.19 DA Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases	
93	555.03 DA Non-asset Energy Amount	\$ -	\$ -	\$ -	0		
94	555.09 RT Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases	
95	555.00 RT Non-Asset Energy Amount	\$ -	\$ -	\$ -	0		
96	555.02 DA Make-Whole-Payment Distribution Amount	\$ -	\$ -	\$ -	0		
97	555.10 RT Make-Whole-Payment Distribution Amount	\$ 1,109	\$ 35	\$ (1,074)	-96.84%		
98	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	\$ -	\$ -	\$ -	0		
99	555.15 RT Revenue Neutrality Uplift Distribution Amount	\$ 248	\$ 6	\$ (242)	-97.75%		
100	555.04 DA Regulation-Down Distribution Amount	\$ 16	\$ 1	\$ (15)	-96.86%		
101	555.05 DA Regulation-Up Distribution Amount	\$ 62	\$ 1	\$ (61)	-98.55%		
102	555.06 DA Spinning Reserve Distribution Amount	\$ 74	\$ 0	\$ (74)	-99.53%		
103	555.07 DA Supplemental Reserve Distribution Amount	\$ 11	\$ 0	\$ (11)	-99.53%		
104	555.08 RT Contingency Reserve Deployment Failure Amount	\$ (2)	\$ -	\$ 2	-100.00%		
105	555.11 RT Over-Collected Losses Distribution Amount	\$ (28,410)	\$ (6,413)	\$ 21,997	-77.43%		
106	555.12 RT Regulation-Down Distribution Amount	\$ 3	\$ 1	\$ (2)	-60.39%		
107	555.13 RT Regulation-Non-Performance Distribution Amount	\$ (2)	\$ 37	\$ 39	-1792.66%		
108	555.14 RT Regulation-Up Distribution Amount	\$ (3)	\$ (0)	\$ 3	-89.28%		
109	555.16 RT Spinning Reserve Distribution Amount	\$ (1)	\$ 0	\$ 1	-103.07%		
110	555.17 RT Supplemental Reserve Distribution Amount	\$ (3)	\$ -	\$ 3	-100.00%		
111	555.20 RT Pseudo Tie Congestion Amount	\$ (82,332)	\$ (135,667)	\$ (53,334)	64.78%		
112	555.21 RT Pseudo Tie Loss Amount	\$ (19,199)	\$ (14,649)	\$ 4,550	-23.70%		
113	555.23 Miscellaneous Amount	\$ (3)	\$ 46	\$ 48	-1918.00%		
114	555.26 ARR Closeout Yearly Amount	\$ -	\$ -	\$ -	0		
115	555.28 RT Demand Reduction Distribution Amount	\$ 0	\$ -	\$ (0)	-100.00%		
116	555.29 RT Schedule 1A3 Amount	\$ 7	\$ 0	\$ (7)	-98.66%		
117	555.30 RT Schedule 1A4 Amount	\$ 37	\$ 0	\$ (36)	-99.15%		
118	555.31 DA Ramp Up 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 Non Performance Distribution Amount	\$ -	\$ 1	\$ 1	0	New charge type in 2022	
121	555.34 RT Ramp Up Distribution Amount	\$ (1)	\$ -	\$ 1	-100.00%	New charge type in 2022	
122	555.35 RT Ramp Down Distribution Amount	\$ (5)	\$ -	\$ 5	-100.00%	New charge type in 2022	
123	555.36 ArrAucTmAOamt	\$ -	\$ -	\$ -	0	New charge type in 2024	

124	555.37	RtURDDistAaAmt	\$	-	\$	-	\$	-	0	New charge type in 2024
125	555.01	DA GFA Carve Out Distribution Deployment Daily Amount	\$	28	\$	1	\$	(27)	-98.09%	
126	555.22	DA GFA Carve Out Distribution Deployment Monthly Amount	\$	-	\$	-	\$	-	0	
127	555.27	DA GFA Carve Out Distribution Deployment Yearly Amount	\$	-	\$	-	\$	-	0	
128		<b>Total SPP Wholesale Market Charges</b>	\$	<b>(128,294)</b>	\$	<b>(156,601)</b>	\$	<b>(28,307)</b>	<b>22.06%</b>	
129										
130		<b>MISO ASM</b>								
131	555.43	Day Ahead Regulation Amount	\$	(39,016)	\$	(88,447)	\$	(49,432)	126.70%	
132	555.46	Real Time Regulation Amount	\$	5,125	\$	(6,156)	\$	(11,281)	-220.12%	
133	555.52	Regulation Cost Distribution Amount	\$	19,027	\$	21,929	\$	2,902	15.25%	
134	555.66	Day Ahead Short-Term Reserve Amount	\$	(2,536)	\$	(41,361)	\$	(38,825)	1530.99%	
135	555.67	Real Time Short-Term Reserve Amount	\$	(134)	\$	9,822	\$	9,956	-7403.47%	
136	555.68	Short-Term Reserve Cost Distribution Amount	\$	2,422	\$	28,365	\$	25,944	1071.22%	
137	555.44	Day Ahead Spinning Reserve Amount	\$	(37,719)	\$	(22,345)	\$	15,374	-40.76%	
138	555.47	Real Time Spinning Reserve Amount	\$	19,213	\$	1,216	\$	(17,996)	-93.67%	
139	555.53	Spinning Reserve Cost Distribution Amount	\$	18,066	\$	9,997	\$	(8,068)	-44.66%	
140	555.45	Day Ahead Supplemental Reserve Amount	\$	(47,527)	\$	(32,719)	\$	14,808	-31.16%	
141	555.48	Real Time Supplemental Reserve Amount	\$	9,017	\$	4,964	\$	(4,054)	-44.96%	
142	555.54	Supplemental Reserve Cost Distribution Amount	\$	5,258	\$	3,919	\$	(1,340)	-25.48%	
143	555.51	Contingency Reserve Deployment Failure Charge Amount	\$	3,407	\$	-	\$	(3,407)	-100.00%	
144	555.5	Real Time Excessive Deficient Energy Deployment Charge Amount	\$	1,927	\$	(4,372)	\$	(6,299)	-326.81%	
145	555.69	Short-Term Reserve Deployment Failure Charge Amount	\$	-	\$	-	\$	-	0	
146	555.49	Net Regulation Adjustment Amount	\$	1,016	\$	12,189	\$	11,173	1100.13%	
147		<b>Total MISO ASM</b>	\$	<b>(42,455)</b>	\$	<b>(102,999)</b>	\$	<b>(60,545)</b>	<b>142.61%</b>	
148										
149		<b>Total Wholesale Market Charges</b>	\$	<b>(156,206)</b>	\$	<b>(517,495)</b>	\$	<b>(361,288)</b>	<b>231.29%</b>	
150										
151										
152		<b>Purchased Power</b>								
153										
154		Edgeley PPA								
155		Langdon PPA								
156		Ashitabula 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
163										
164		<b>Total Purchases</b>	\$	<b>4,699,448</b>	\$	<b>4,195,619</b>	\$	<b>(503,829)</b>	<b>-10.72%</b>	Tribal (WAPA) excluded from Total
165										
166		<b>Wind Curtailment</b>	\$	<b>(11,871)</b>	\$	<b>(18,206)</b>	\$	<b>(6,335)</b>	<b>53.36%</b>	
167										
168		<b>Asset Based Sales</b>	\$	<b>(582,865)</b>	\$	<b>(951,991)</b>	\$	<b>(369,127)</b>	<b>63.33%</b>	Credit to MN FCA Calculation - Subtracted from Total
169		Fuel Costs	\$	(249,192)	\$	(532,122)	\$	(282,930)	113.54%	
170		Asset Based Margins	\$	(333,673)	\$	(419,869)	\$	(86,197)	25.83%	
171										
172		<b>Hoot Lake Solar Generation Credit</b>	\$	<b>(389,885)</b>	\$	<b>(284,937)</b>	\$	<b>104,948</b>	<b>(0)</b>	Effective January 2023
173										
174		<b>Steam Plant Reagents</b>	\$	<b>280,160</b>	\$	<b>319,689</b>	\$	<b>39,529</b>	<b>0</b>	Effective July 2022 - Docket No. E017/GR-20-719
175										
176		<b>Steam/Water Sales</b>	\$	<b>(120,241)</b>	\$	<b>(91,791)</b>	\$	<b>28,450</b>	<b>(0)</b>	Effective July 2022 - Docket No. E017/GR-20-719
177										
178		<b>Planning Resource Auction Revenues</b>	\$	<b>-</b>	\$	<b>(24,930)</b>	\$	<b>-</b>	<b>0</b>	Effective June 2022
179										
180		<b>Total System - Plant Level</b>	\$	<b>10,559,110</b>	\$	<b>7,554,937</b>	\$	<b>(3,004,172)</b>	<b>-28.45%</b>	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

\*\*\* These energy related charge types are reported in Market Purchases

August 2024 Forecast to Actual - Expense (Revenue)					
Line	Plant Generation	August 2024 Forecast	August 2024 Actual	Notes	
1	Big Stone	[PROTECTED DATA BEGINS...]			
2	Coyote				
3	Hoot Lake #2			Hoot Lake plant closed in May 2021	
4	Hoot Lake #3				
5		...PROTECTED DATA ENDS]			
6	Total Coal	224,072	143,929		
7		[PROTECTED DATA BEGINS...]			
8	Langdon Wind				
9	Ashtabula Wind				
10	Ashtabula III				
11	Luverne Wind				
12	Merricourt				
13		...PROTECTED DATA ENDS]			
14	Total Wind and Solar	75,253	78,153		
15					
16	Total Hydro	1,699	657		
17		[PROTECTED DATA BEGINS...]			
18	Jamestown 1				
19	Jamestown 2				
20	Lake Preston				
21		...PROTECTED DATA ENDS]			
22	Total Oil - Peaking Units	791	114		
23		[PROTECTED DATA BEGINS...]			
24	Natural gas - Solway				
25	Natural gas - Astoria				
26		...PROTECTED DATA ENDS]			
27	Total Natural Gas	35,399	44,144		
28		[PROTECTED DATA BEGINS...]			
29	Solar - Blue Jay				
30	Solar - Blue Heron				
31	Solar - Hoot Lake				
32	Solar - Red Lake Falls Area SB Solar				
33	Solar - Karlstad Area SB				
34	Solar - Crookston Area SB				
35		...PROTECTED DATA ENDS]			
36	Total Solar	10,082	8,084		
37					
38	Total OTP-Owned	337,214	275,081		
39					
40	Wholesale Market Charges				
41	MISO Wholesale Market Charges				
42	555.02 DA Asset Energy Amount***	N/A	N/A		
43	555.04 DA FBT Loss Amount	N/A	N/A		
44	555.09 DA Non-asset Energy Amount***	N/A	N/A		
45	555.19 RT Asset Energy Amount***	N/A	N/A		
46	555.24 RT Distribution of Losses Amount	N/A	N/A		
47	555.21 RT FBT Loss Amount	N/A	N/A		
48	DA Loss Amount	N/A	N/A		
49	RT Loss Amount	N/A	N/A		
50	555.26 RT Non-Asset Energy Amount***	N/A	N/A		
51	555.08 DA Losses Rebate on Option B GFA	N/A	N/A		
52	555.12 DA Virtual Energy Amount	N/A	N/A		
53	555.32 RT Virtual Energy Amount	N/A	N/A		
54	555.01 DA Mkt Admin Amount	N/A	N/A		
55	555.18 RT Mkt Admin Amount	N/A	N/A		
56	555.13 FTR Mkt Admin Amount	N/A	N/A		
57	555.03 DA FBT Congestion Amount	N/A	N/A		
58	DA Congestion	N/A	N/A		
59	555.2 RT FBT Congestion Amount	N/A	N/A		
60	RT Congestion	N/A	N/A		
61	555.14 FTR Hourly Allocation Amount	N/A	N/A		
62	555.15 FTR Monthly Allocation Amount	N/A	N/A		
63	555.17 FTR Yearly Allocation Amount	N/A	N/A		
64	555.36 FTR Monthly Transaction Amount	N/A	N/A		
65	555.36 FTR Full Funding Guarantee Amount	N/A	N/A		
66	555.37 FTR Guarantee Uplift Amount	N/A	N/A		
67	555.39 FTR Auction Revenue Rights Transaction Amount	N/A	N/A		
68	555.38 FTR Annual Transaction Amount	N/A	N/A		
69	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A		
70	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A		
71	555.07 DA Congestion Rebate on Option B GFA	N/A	N/A		
72	555.1 DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A		
73	555.11 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	555.3 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A		
76	555.42 RT Price Volatility Make Whole Payment	N/A	N/A		
77	555.28 RT Revenue Neutrality Uplift Amount	N/A	N/A		
78	555.25 RT Misc Amount	N/A	N/A		
79	555.27 RT Net Inadvertent Amount	N/A	N/A		
80	555.31 RT Uninstructed Deviation Amount	N/A	N/A		
81	555.59 RT Demand Response Allocation Uplift Amount	N/A	N/A		
82	555.63 DA Ramp Product	N/A	N/A		
83	555.64 RT Ramp Product	N/A	N/A		
84	555.65 RT Schedule 49 Cost Distribution Amount	N/A	N/A		
85	555.55 RT ASM Non-Excessive Energy Amount***	N/A	N/A		
86	555.56 RT ASM Excessive Energy Amount***	N/A	N/A		
87	555.05 DA Congestion Rebate on COGA	N/A	N/A		
88	555.06 DA Losses Rebate on COGA	N/A	N/A		
89	555.22 RT Congestion Rebate on COGA	N/A	N/A		
90	555.23 RT Loss Rebate on COGA	N/A	N/A		
91	Net Congestion and Losses Adjustment & No DA Generation Sched.	N/A	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	555.03 DA Non-asset Energy Amount	N/A	N/A		
98	555.09 RT Asset Energy Amount***	N/A	N/A		
99	555 RT Non-Asset Energy Amount	N/A	N/A		
100	555.02 DA Make-Whole-Payment Distribution Amount	N/A	N/A		
101	555.1 RT Make-Whole-Payment Distribution Amount	N/A	N/A		
102	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A		
103	555.15 RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A		
104	555.04 DA Regulation-Down Distribution Amount	N/A	N/A		
105	555.05 DA Regulation-Up Distribution Amount	N/A	N/A		
106	555.06 DA Spinning Reserve Distribution Amount	N/A	N/A		
107	555.07 DA Supplemental Reserve Distribution Amount	N/A	N/A		
108	555.08 RT Contingency Reserve Deployment Failure Amount	N/A	N/A		
109	555.11 RT Over-Collected Losses Distribution Amount	N/A	N/A		
110	555.12 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 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	555.21 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 Demand Reduction Distribution Amount	N/A	N/A		
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	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	555.34	RT Ramp Up Distribution Amount	N/A	N/A	New charge type in 2022
126	555.35	RT Ramp Down Distribution Amount	N/A	N/A	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		<b>Total SPP Wholesale Market Charges</b>			
131					
132		<b>MISO ASM</b>			
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		<b>Total MISO ASM</b>			
150					
151		<b>Total Wholesale Market Charges</b>			
152					
153					
154		<b>Purchased Power</b>			
155			[PROTECTED DATA 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			...[PROTECTED DATA ENDS]		
166		<b>Total Purchases</b>	<b>132,751</b>	<b>189,456</b>	Tribal (WAPA) excluded from Total
167					
168		<b>Wind Curtailment</b>	<b>(51)</b>	<b>(464)</b>	
169					
170		<b>Asset Based Sales</b>	<b>(9,452)</b>	<b>(21,480)</b>	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
172		Asset Based Margins			Fuel Cost MWh and Margin MWh are not separated - Need to compare total Asset Based Sales
173					
174		<b>Steam Plant Reagents</b>	-	-	Effective July 2022 - Docket No. E017/GR-20-719
175					
176		<b>Steam/Water Sales</b>	-	-	Effective July 2022 - Docket No. E017/GR-20-719
177					
178		<b>Planning Resource Auction Revenues</b>	-	-	Effective June 2022
179					
180		<b>Total System - Plant Level</b>	<b>460,461</b>	<b>442,593</b>	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total



August 2024 Forecast to Actual - Expense (Revenue)					
Line	Plant Generation	August 2024 Forecast	August 2024 Actual		Notes
1	Big Stone	[PROTECTED DATA BEGINS...]			
2	Coyote				
3		...PROTECTED DATA ENDS]			
4	Total Coal	\$ 24.35	\$ 27.17		
5		[PROTECTED DATA BEGINS...]			
6	Langdon Wind				
7	Ashtabula Wind				
8	Ashtabula III				
9	Luverne Wind				
10	Merricourt	\$			
11		...PROTECTED DATA ENDS]			
12	Total Wind	\$ -	\$ -		
13					
14	Total Hydro	\$	\$ -		
15		[PROTECTED DATA BEGINS...]			
16	Jamestown 1				
17	Jamestown 2				
18	Lake Preston				
19		...PROTECTED DATA ENDS]			
20	Total Oil - Peaking Units	\$ -	\$ -		
21		[PROTECTED DATA BEGINS...]			
22	Natural gas - Solway				
23	Natural gas - Astoria				
24		...PROTECTED DATA ENDS]			
25	Total Natural Gas	\$ 34.04	\$ 22.00		
26		[PROTECTED DATA BEGINS...]			
27	Solar - Blue Jay				
28	Solar - Blue Heron				
29	Solar - Hoot Lake				
30		...PROTECTED DATA ENDS]			
31	Total Solar	\$ -	\$ 0		
32					
33	Total OTP-Owned	\$ 58.39	\$ 49.17		
34					
35	<b>Wholesale Market Charges</b>				
36	<b>MISO Wholesale Market Charges</b>				
37	555.02 DA Asset Energy Amount***		N/A	N/A	
38	555.04 DA FBT Loss Amount		N/A	N/A	
39	555.09 DA Non-asset Energy Amount***		N/A	N/A	
40	555.19 RT Asset Energy Amount***		N/A	N/A	
41	555.24 RT Distribution of Losses Amount		N/A	N/A	
42	555.21 RT FBT Loss Amount		N/A	N/A	
43	DA Loss Amount		N/A	N/A	
44	RT Loss Amount		N/A	N/A	
45	555.26 RT Non-Asset Energy Amount***		N/A	N/A	
46	555.08 DA Losses Rebate on Option B GFA		N/A	N/A	
47	555.12 DA Virtual Energy Amount		N/A	N/A	
48	555.32 RT Virtual Energy Amount		N/A	N/A	
49	555.01 DA Mkt Admin Amount		N/A	N/A	
50	555.18 RT Mkt Admin Amount		N/A	N/A	
51	555.13 FTR Mkt Admin Amount		N/A	N/A	
52	555.03 DA FBT Congestion Amount		N/A	N/A	
53	DA Congestion		N/A	N/A	
54	555.2 RT FBT Congestion Amount		N/A	N/A	
55	RT Congestion		N/A	N/A	
56	555.14 FTR Hourly Allocation Amount		N/A	N/A	
57	555.15 FTR Monthly Allocation Amount		N/A	N/A	
58	555.17 FTR Yearly Allocation Amount		N/A	N/A	
59	555.35 FTR Monthly Transaction Amount		N/A	N/A	
60	555.36 FTR Full Funding Guarantee Amount		N/A	N/A	
61	555.37 FTR Guarantee Uplift Amount		N/A	N/A	
62	555.39 FTR Auction Revenue Rights Transaction Amount		N/A	N/A	
63	555.38 FTR Annual Transaction Amount		N/A	N/A	
64	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount		N/A	N/A	
65	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount		N/A	N/A	
66	555.07 DA Congestion Rebate on Option B GFA		N/A	N/A	
67	555.1 DA Revenue Sufficiency Guarantee Distribution Amount		N/A	N/A	
68	555.11 DA Revenue Sufficiency Guarantee Make Whole Pymt Amount		N/A	N/A	
69	555.29 RT Revenue Sufficiency Guarantee First Pass Distribution Amount		N/A	N/A	
70	555.3 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount		N/A	N/A	
71	555.42 RT Price Volatility Make Whole Payment		N/A	N/A	
72	555.28 RT Revenue Neutrality Uplift Amount		N/A	N/A	
73	555.25 RT Misc Amount		N/A	N/A	
74	555.27 RT Net Inadvertent Amount		N/A	N/A	
75	555.31 RT Uninstructed Deviation Amount		N/A	N/A	
76	555.59 RT Demand Response Allocation Uplift Amount		N/A	N/A	
77	555.63 DA Ramp Product		N/A	N/A	
78	555.64 RT Ramp Product		N/A	N/A	
79	555.65 RT Schedule 49 Cost Distribution Amount		N/A	N/A	
80	555.55 RT ASM Non-Excessive Energy Amount***		N/A	N/A	
81	555.56 RT ASM Excessive Energy Amount***		N/A	N/A	
82	555.05 DA Congestion Rebate on COGA		N/A	N/A	
83	555.06 DA Losses Rebate on COGA		N/A	N/A	
84	555.22 RT Congestion Rebate on COGA		N/A	N/A	
85	555.23 RT Loss Rebate on COGA		N/A	N/A	
86	Net Congestion and Losses Adjustment & No DA Generation Schedule		N/A	N/A	
87					
88	<b>Total MISO Wholesale Market Charges</b>				
89					
90	<b>SPP Wholesale Market Charges</b>				
91	555.19 DA Asset Energy Amount***		N/A	N/A	
92	555.03 DA Non-asset Energy Amount		N/A	N/A	
93	555.09 RT Asset Energy Amount***		N/A	N/A	
94	555 RT Non-Asset Energy Amount		N/A	N/A	
95	555.02 DA Make-Whole-Payment Distribution Amount		N/A	N/A	
96	555.1 RT Make-Whole-Payment Distribution Amount		N/A	N/A	
97	555.18 RT Revenue Sufficiency Guarantee Distribution Amount		N/A	N/A	
98	555.15 RT Revenue Neutrality Uplift Distribution Amount		N/A	N/A	
99	555.04 DA Regulation-Down Distribution Amount		N/A	N/A	
100	555.05 DA Regulation-Up Distribution Amount		N/A	N/A	
101	555.06 DA Spinning Reserve Distribution Amount		N/A	N/A	
102	555.07 DA Supplemental Reserve Distribution Amount		N/A	N/A	
103	555.08 RT Contingency Reserve Deployment Failure Amount		N/A	N/A	
104	555.11 RT Over-Collected Losses Distribution Amount		N/A	N/A	
105	555.12 RT Regulation-Down Distribution Amount		N/A	N/A	
106	555.13 RT Regulation Non-Performance Distribution Amount		N/A	N/A	
107	555.14 RT Regulation-Up Distribution Amount		N/A	N/A	
108	555.16 RT Spinning Reserve Distribution Amount		N/A	N/A	
109	555.17 RT Supplemental Reserve Distribution Amount		N/A	N/A	
110	555.2 RT Pseudo Tie Congestion Amount		N/A	N/A	
111	555.21 RT Pseudo Tie Loss Amount		N/A	N/A	
112	555.23 Miscellaneous Amount		N/A	N/A	
113	555.26 ARR Closeout Yearly Amount		N/A	N/A	
114	555.28 RT Demand Reduction Distribution Amount		N/A	N/A	
115	555.29 RT Schedule 1A3 Amount		N/A	N/A	
116	555.30 RT Schedule 1A4 Amount		N/A	N/A	
117	555.31 DA Ramp Up Distribution Amount		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	555.33 RT Ramp Non Performance Distribution Amount		N/A	N/A	New charge type in 2022
120	555.34 RT Ramp Up Distribution Amount		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
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	N/A	
125		<b>Total SPP Wholesale Market Charges</b>			
126					
127		<b>MISO ASM</b>			
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		<b>Total MISO ASM</b>			
145					
146		<b>Total Wholesale Market Charges</b>			
147					
148					
149		<b>Purchased Power</b>			
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 DATA ENDS		
161		<b>Total Purchases</b>	\$	35.40	\$ 22.15
162					Tribal (WAPA) excluded from Total
163		<b>Wind Curtailment</b>	\$	232.76	\$ 39.22
164					
165		<b>Asset Based Sales</b>	\$	61.66	\$ 44.32
166		Fuel Costs		N/A	N/A
167		Asset Based Margins		N/A	N/A
168					Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
169		<b>Steam Plant Reagents</b>		N/A	N/A
170					Effective July 2022 - Docket No. E017/GR-20-719
171		<b>Steam/Water Sales</b>		N/A	N/A
172					Effective July 2022 - Docket No. E017/GR-20-719
173		<b>Planning Resource Auction Revenues</b>		N/A	N/A
174					Effective June 2022
175		<b>Total System - Plant Level</b>	\$	22.93	\$ 17.07
					Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

September 2024 Forecast to Actual - Expense (Revenue)						
Line	Plant Generation	September 2024 Forecast	September 2024 Actual			Notes
1	Big Stone	[PROTECTED DATA BEGINS...]				
2	Coyote					
3	Hoot Lake #2					Hoot Lake plant closed in May 2021
4	Hoot Lake #3					
5					...[PROTECTED DATA ENDS]	
6	Total Coal	\$ 2,939,804	\$ 2,766,672	\$ (173,132)	-5.89%	
7		[PROTECTED DATA BEGINS...]				
8	Langdon Wind					
9	Ashtabula Wind					
10	Luverne Wind					
11	Merricourt					
12					...[PROTECTED DATA ENDS]	
13	Total Wind	\$ -	\$ -	\$ -	0	
14						
15	Total Hydro	\$ -	\$ -	\$ -	0	
16		[PROTECTED DATA BEGINS...]				
17	Jamestown 1					
18	Jamestown 2					
19	Lake Preston					
20					...[PROTECTED DATA ENDS]	
21	Total Oil - Peaking Units	\$ -	\$ -	\$ -	0	
22		[PROTECTED DATA BEGINS...]				
23	Natural gas - Solway					
24	Natural gas - Astoria					
25					...[PROTECTED DATA ENDS]	
26	Total Natural Gas	\$ 253,533	\$ 266,488	\$ 12,955	5.11%	
27		[PROTECTED DATA BEGINS...]				
28	Solar - Blue Jay					
29	Solar - Blue Heron					
30	Solar - Hoot Lake					
31					...[PROTECTED DATA ENDS]	
32	Total Solar	\$ -	\$ -	\$ -	0	
33						
34	Total OTP-Owned	\$ 3,193,336	\$ 3,033,160	\$ (160,176)	-5.02%	
35						
36	Wholesale Market Charges					
37	MISO Wholesale Market Charges					
38	555.02 DA Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
39	555.04 DA FBT Loss Amount	\$ -	\$ -	\$ -	0	
40	555.09 DA Non-asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
41	555.19 RT Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
42	555.24 RT Distribution of Losses Amount	\$ (308,432)	\$ (187,277)	\$ 121,155	-39.28%	
43	555.21 RT FBT Loss Amount	\$ -	\$ -	\$ -	0	
44	DA Loss Amount	\$ 779,992	\$ 497,173	\$ (282,819)	-36.26%	
45	RT Loss Amount	\$ 44,629	\$ 12,023	\$ (32,606)	-73.06%	
46	555.26 RT Non-Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
47	555.08 DA Losses Rebate on Option B GFA	\$ -	\$ -	\$ -	0	
48	555.12 DA Virtual Energy Amount	\$ -	\$ -	\$ -	0	
49	555.32 RT Virtual Energy Amount	\$ -	\$ -	\$ -	0	
50	555.01 DA Mkt Admin Amount	\$ 57,521	\$ 61,842	\$ 4,321	7.51%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
51	555.18 RT Mkt Admin Amount	\$ 10,574	\$ 7,195	\$ (3,379)	-31.96%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
52	555.13 FTR Mkt Admin Amount	\$ 2,241	\$ 1,652	\$ (589)	-26.30%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
53	555.03 DA FBT Congestion Amount	\$ -	\$ -	\$ -	0	
54	DA Congestion	\$ 2,259,518	\$ 4,052,621	\$ 1,793,103	79.36%	
55	555.20 RT FBT Congestion Amount	\$ -	\$ -	\$ -	0	
56	RT Congestion	\$ 247,043	\$ 249,657	\$ 2,613	1.06%	
57	555.14 FTR Hourly Allocation Amount	\$ (2,731,944)	\$ (7,510,468)	\$ (4,778,543)	-174.81%	
58	555.15 FTR Monthly Allocation Amount	\$ (66,896)	\$ (176,396)	\$ (109,500)	-163.69%	
59	555.17 FTR Yearly Allocation Amount	\$ -	\$ -	\$ -	0	
60	555.35 FTR Monthly Transaction Amount	\$ -	\$ -	\$ -	0	
61	555.36 FTR Full Funding Guarantee Amount	\$ (65,806)	\$ (94,426)	\$ (28,620)	-43.49%	
62	555.37 FTR Guarantee Uplift Amount	\$ 65,806	\$ 94,426	\$ 28,620	43.49%	
63	555.39 FTR Auction Revenue Rights Transaction Amount	\$ (4,521,413)	\$ (6,020,307)	\$ (1,498,895)	-33.15%	
64	555.38 FTR Annual Transaction Amount	\$ 4,514,330	\$ 5,871,724	\$ 1,357,394	30.07%	
65	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	\$ 21,388	\$ 23,468	\$ 2,080	9.72%	
66	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	\$ (81,813)	\$ (148,862)	\$ (67,049)	-81.95%	
67	555.07 DA Congestion Rebate on Option B GFA	\$ -	\$ -	\$ -	0	
68	555.10 DA Revenue Sufficiency Guarantee Distribution Amount	\$ 15,506	\$ 9,348	\$ (6,158)	-39.71%	
69	555.11 DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (21,976)	\$ (3,655)	\$ 18,321	-83.37%	
70	555.29 RT Revenue Sufficiency Guarantee First Pass Distribution Amount	\$ 53,082	\$ 11,937	\$ (41,145)	-77.51%	
71	555.30 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (229,119)	\$ 5,871,724	\$ 229,119	-100.00%	
72	555.42 RT Price Volatility Make Whole Payment	\$ (55,542)	\$ (32,702)	\$ 22,840	-41.12%	
73	555.28 RT Revenue Neutrality Uplift Amount	\$ 117,809	\$ 158,531	\$ 40,722	34.57%	
74	555.25 RT Misc Amount	\$ 6,775	\$ (5,230)	\$ (12,005)	-177.20%	
75	555.27 RT Net Inadvertent Amount	\$ 170	\$ (4,296)	\$ (4,466)	-2629.86%	
76	555.31 RT Uninstructed Deviation Amount	\$ -	\$ -	\$ -	0	
77	555.59 RT Demand Response Allocation Uplift Amount	\$ 14,129	\$ 8,360	\$ (5,769)	-40.83%	
78	555.63 DA Ramp Product	\$ (1,786)	\$ (21,813)	\$ (20,027)	-1121.26%	
79	555.64 RT Ramp Product	\$ (1,692)	\$ (1,194)	\$ 498	-70.57%	
80	555.65 RT Schedule 49 Cost Distribution Amount	\$ 14,974	\$ 19,873	\$ 4,899	32.72%	
81	555.55 RT ASM Non-Excessive Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
82	555.56 RT ASM Excessive Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
83	555.05 DA Congestion Rebate on COGA	\$ -	\$ -	\$ -	0	
84	555.06 DA Losses Rebate on COGA	\$ -	\$ -	\$ -	0	
85	555.22 RT Congestion Rebate on COGA	\$ -	\$ -	\$ -	0	
86	555.23 RT Loss Rebate on COGA	\$ -	\$ -	\$ -	0	
87	Net Congestion and Losses Adjustment & No DA Generation Schedule	\$ -	\$ 119,621	\$ 119,621	0	
88						
89	Total MISO Wholesale Market Charges	\$ 68,729	\$ (3,077,190)	\$ (3,145,919)	-4577.27%	Total Excludes Schedule 16 and 17 (Lines 40, 41, 42 Above)
90						
91	SPP Wholesale Market Charges					
92	555.19 DA Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
93	555.03 DA Non-asset Energy Amount	\$ -	\$ -	\$ -	0	
94	555.09 RT Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
95	555.00 RT Non-Asset Energy Amount	\$ -	\$ -	\$ -	0	
96	555.02 DA Make-Whole-Payment Distribution Amount	\$ -	\$ -	\$ -	0	
97	555.10 RT Make-Whole-Payment Distribution Amount	\$ 1,109	\$ -	\$ (1,109)	-100.00%	
98	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	\$ -	\$ -	\$ -	0	
99	555.15 RT Revenue Neutrality Uplift Distribution Amount	\$ 248	\$ -	\$ (248)	-100.00%	
100	555.04 DA Regulation-Down Distribution Amount	\$ 16	\$ -	\$ (16)	-100.00%	
101	555.05 DA Regulation-Up Distribution Amount	\$ 62	\$ -	\$ (62)	-100.00%	
102	555.06 DA Spinning Reserve Distribution Amount	\$ 74	\$ -	\$ (74)	-100.00%	
103	555.07 DA Supplemental Reserve Distribution Amount	\$ 11	\$ -	\$ (11)	-100.00%	
104	555.08 RT Contingency Reserve Deployment Failure Amount	\$ (2)	\$ -	\$ 2	-100.00%	
105	555.11 RT Over-Collected Losses Distribution Amount	\$ (27,314)	\$ (7,038)	\$ 20,276	-74.23%	
106	555.12 RT Regulation-Down Distribution Amount	\$ 3	\$ -	\$ (3)	-100.00%	
107	555.13 RT Regulation-Non-Performance Distribution Amount	\$ (2)	\$ -	\$ 2	-100.00%	
108	555.14 RT Regulation-Up Distribution Amount	\$ (3)	\$ -	\$ 3	-100.00%	
109	555.16 RT Spinning Reserve Distribution Amount	\$ (1)	\$ -	\$ 1	-100.00%	
110	555.17 RT Supplemental Reserve Distribution Amount	\$ (3)	\$ -	\$ 3	-100.00%	
111	555.20 RT Pseudo Tie Congestion Amount	\$ (79,154)	\$ (134,505)	\$ (55,351)	-69.93%	
112	555.21 RT Pseudo Tie Loss Amount	\$ (18,458)	\$ (13,709)	\$ 4,749	-25.73%	
113	555.23 Miscellaneous Amount	\$ (3)	\$ -	\$ 3	-100.00%	
114	555.26 ARR Closeout Yearly Amount	\$ -	\$ -	\$ -	0	
115	555.28 RT Demand Reduction Distribution Amount	\$ 0	\$ -	\$ (0)	-100.00%	
116	555.29 RT Schedule 1A3 Amount	\$ 7	\$ -	\$ (7)	-100.00%	
117	555.30 RT Schedule 1A4 Amount	\$ 37	\$ -	\$ (37)	-100.00%	
118	555.31 DA Ramp Up 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 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	555.35 RT Ramp Down Distribution Amount	\$ -	\$ -	\$ -	0	New charge type in 2022
123	555.36 ArrAucTmAOamt	\$ -	\$ -	\$ -	0	New charge type in 2024

124	555.37	RtURDDistAaAmt	\$	-	\$	-	\$	-	0	New charge type in 2024
125	555.01	DA GFA Carve Out Distribution Deployment Daily Amount	\$	28	\$	-	\$	(28)	-100.00%	
126	555.22	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		<b>Total SPP Wholesale Market Charges</b>	\$	<b>(123,278)</b>	\$	<b>(155,252)</b>	\$	<b>(31,973)</b>	<b>25.94%</b>	
129										
130		<b>MISO ASM</b>								
131	555.43	Day Ahead Regulation Amount	\$	(35,278)	\$	(80,576)	\$	(45,299)	128.41%	
132	555.46	Real Time Regulation Amount	\$	(6,795)	\$	10,861	\$	17,656	-259.84%	
133	555.52	Regulation Cost Distribution Amount	\$	17,312	\$	23,674	\$	6,361	36.75%	
134	555.66	Day Ahead Short-Term Reserve Amount	\$	(20,178)	\$	(224,025)	\$	(203,847)	1010.27%	
135	555.67	Real Time Short-Term Reserve Amount	\$	(605)	\$	(10,321)	\$	(9,715)	1604.62%	
136	555.68	Short-Term Reserve Cost Distribution Amount	\$	5,520	\$	72,683	\$	67,163	1216.77%	
137	555.44	Day Ahead Spinning Reserve Amount	\$	(28,289)	\$	(59,372)	\$	(31,083)	109.88%	
138	555.47	Real Time Spinning Reserve Amount	\$	(7,388)	\$	8,587	\$	15,974	-216.23%	
139	555.53	Spinning Reserve Cost Distribution Amount	\$	11,783	\$	15,003	\$	3,220	27.33%	
140	555.45	Day Ahead Supplemental Reserve Amount	\$	(19,959)	\$	(31,341)	\$	(11,382)	57.03%	
141	555.48	Real Time Supplemental Reserve Amount	\$	(155)	\$	8,516	\$	8,671	-5607.81%	
142	555.54	Supplemental Reserve Cost Distribution Amount	\$	3,049	\$	2,821	\$	(228)	-7.47%	
143	555.51	Contingency Reserve Deployment Failure Charge Amount	\$	3,407	\$	-	\$	(3,407)	-100.00%	
144	555.5	Real Time Excessive Deficient Energy Deployment Charge Amount	\$	1,927	\$	6,111	\$	4,183	217.03%	
145	555.69	Short-Term Reserve Deployment Failure Charge Amount	\$	-	\$	-	\$	-	0	
146	555.49	Net Regulation Adjustment Amount	\$	1,016	\$	1,840	\$	824	81.13%	
147		<b>Total MISO ASM</b>	\$	<b>(74,633)</b>	\$	<b>(255,541)</b>	\$	<b>(180,908)</b>	<b>242.40%</b>	
148										
149		<b>Total Wholesale Market Charges</b>	\$	<b>(129,182)</b>	\$	<b>(3,487,983)</b>	\$	<b>(3,358,801)</b>	<b>2600.06%</b>	
150										
151										
152		<b>Purchased Power</b>								
153										
154		Edgeley PPA								
155		Langdon PPA								
156		Ashitabula 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
163										
164		<b>Total Purchases</b>	\$	<b>7,443,118</b>	\$	<b>5,168,660</b>	\$	<b>(2,274,459)</b>	<b>-30.56%</b>	Tribal (WAPA) excluded from Total
165										
166		<b>Wind Curtailment</b>	\$	<b>(608)</b>	\$	<b>11,240</b>	\$	<b>11,848</b>	<b>-1948.71%</b>	
167										
168		<b>Asset Based Sales</b>	\$	<b>(153,598)</b>	\$	<b>(747,703)</b>	\$	<b>(594,105)</b>	<b>386.79%</b>	Credit to MN FCA Calculation - Subtracted from Total
169		Fuel Costs	\$	(73,758)	\$	(425,002)	\$	(351,243)	476.21%	
170		Asset Based Margins	\$	(79,840)	\$	(322,701)	\$	(242,861)	304.18%	
171										
172		<b>Hoot Lake Solar Generation Credit</b>	\$	<b>(297,029)</b>	\$	<b>(308,340)</b>	\$	<b>(11,311)</b>	<b>0</b>	Effective January 2023
173										
174		<b>Steam Plant Reagents</b>	\$	<b>128,682</b>	\$	<b>167,058</b>	\$	<b>38,377</b>	<b>0</b>	Effective July 2022 - Docket No. E017/GR-20-719
175										
176		<b>Steam/Water Sales</b>	\$	<b>(83,507)</b>	\$	<b>(84,241)</b>	\$	<b>(734)</b>	<b>0</b>	Effective July 2022 - Docket No. E017/GR-20-719
177										
178		<b>Planning Resource Auction Revenues</b>	\$	<b>-</b>	\$	<b>(64,899)</b>	\$	<b>-</b>	<b>0</b>	Effective June 2022
179										
180		<b>Total System - Plant Level</b>	\$	<b>10,101,212</b>	\$	<b>3,686,953</b>	\$	<b>(6,414,259)</b>	<b>-63.50%</b>	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

\*\*\* These energy related charge types are reported in Market Purchases

		September 2024 Forecast to Actual - Expense (Revenue)		
Line	Plant Generation	September 2024 Forecast	September 2024 Actual	Notes
1	Big Stone	[PROTECTED DATA BEGINS...]		
2	Coyote			
3	Hoot Lake #2			Hoot Lake plant closed in May 2021
4	Hoot Lake #3			
5		...	...	
6		...	...	
7	Total Coal	113,415	91,318	
8	Langdon Wind	[PROTECTED DATA BEGINS...]		
9	Ashtabula Wind			
10	Ashtabula III			
11	Luverne Wind			
12	Merricourt			
13		...	...	
14	Total Wind and Solar	98,877	85,618	
15				
16	Total Hydro	1,644	604	
17		[PROTECTED DATA BEGINS...]		
18	Jamestown 1			
19	Jamestown 2			
20	Lake Preston			
21		...	...	
22	Total Oil - Peaking Units		(1)	
23		[PROTECTED DATA BEGINS...]		
24	Natural gas - Solway			
25	Natural gas - Astoria			
26		...	...	
27	Total Natural Gas	6,405	9,185	
28		[PROTECTED DATA BEGINS...]		
29	Solar - Blue Jay			
30	Solar - Blue Heron			
31	Solar - Hoot Lake			
32	Solar - Red Lake Falls Area SB Solar			
33	Solar - Karlstad Area SB			
34	Solar - Crookston Area SB			
35		...	...	
36	Total Solar	7,998	9,126	
37				
38	Total OTP-Owned	220,341	195,851	
39				
40	Wholesale Market Charges			
41	MISO Wholesale Market Charges			
42	555.02 DA Asset Energy Amount***	N/A	N/A	
43	555.04 DA FBT Loss Amount	N/A	N/A	
44	555.09 DA Non-asset Energy Amount***	N/A	N/A	
45	555.19 RT Asset Energy Amount***	N/A	N/A	
46	555.24 RT Distribution of Losses Amount	N/A	N/A	
47	555.21 RT FBT Loss Amount	N/A	N/A	
48	DA Loss Amount	N/A	N/A	
49	RT Loss Amount	N/A	N/A	
50	555.26 RT Non-Asset Energy Amount***	N/A	N/A	
51	555.08 DA Losses Rebate on Option B GFA	N/A	N/A	
52	555.12 DA Virtual Energy Amount	N/A	N/A	
53	555.32 RT Virtual Energy Amount	N/A	N/A	
54	555.01 DA Mkt Admin Amount	N/A	N/A	
55	555.18 RT Mkt Admin Amount	N/A	N/A	
56	555.13 FTR Mkt Admin Amount	N/A	N/A	
57	555.03 DA FBT Congestion Amount	N/A	N/A	
58	DA Congestion	N/A	N/A	
59	555.2 RT FBT Congestion Amount	N/A	N/A	
60	RT Congestion	N/A	N/A	
61	555.14 FTR Hourly Allocation Amount	N/A	N/A	
62	555.15 FTR Monthly Allocation Amount	N/A	N/A	
63	555.17 FTR Yearly Allocation Amount	N/A	N/A	
64	555.36 FTR Monthly Transaction Amount	N/A	N/A	
65	555.36 FTR Full Funding Guarantee Amount	N/A	N/A	
66	555.37 FTR Guarantee Uplift Amount	N/A	N/A	
67	555.39 FTR Auction Revenue Rights Transaction Amount	N/A	N/A	
68	555.38 FTR Annual Transaction Amount	N/A	N/A	
69	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A	
70	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A	
71	555.07 DA Congestion Rebate on Option B GFA	N/A	N/A	
72	555.1 DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
73	555.11 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	555.3 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
76	555.42 RT Price Volatility Make Whole Payment	N/A	N/A	
77	555.28 RT Revenue Neutrality Uplift Amount	N/A	N/A	
78	555.25 RT Misc Amount	N/A	N/A	
79	555.27 RT Net Inadvertent Amount	N/A	N/A	
80	555.31 RT Uninstructed Deviation Amount	N/A	N/A	
81	555.59 RT Demand Response Allocation Uplift Amount	N/A	N/A	
82	555.63 DA Ramp Product	N/A	N/A	
83	555.64 RT Ramp Product	N/A	N/A	
84	555.65 RT Schedule 49 Cost Distribution Amount	N/A	N/A	
85	555.55 RT ASM Non-Excessive Energy Amount***	N/A	N/A	
86	555.56 RT ASM Excessive Energy Amount***	N/A	N/A	
87	555.05 DA Congestion Rebate on COGA	N/A	N/A	
88	555.06 DA Losses Rebate on COGA	N/A	N/A	
89	555.22 RT Congestion Rebate on COGA	N/A	N/A	
90	555.23 RT Loss Rebate on COGA	N/A	N/A	
91	Net Congestion and Losses Adjustment & No DA Generation Sched.	N/A	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	555.03 DA Non-asset Energy Amount	N/A	N/A	
98	555.09 RT Asset Energy Amount***	N/A	N/A	
99	555 RT Non-Asset Energy Amount	N/A	N/A	
100	555.02 DA Make-Whole-Payment Distribution Amount	N/A	N/A	
101	555.1 RT Make-Whole-Payment Distribution Amount	N/A	N/A	
102	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
103	555.15 RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A	
104	555.04 DA Regulation-Down Distribution Amount	N/A	N/A	
105	555.05 DA Regulation-Up Distribution Amount	N/A	N/A	
106	555.06 DA Spinning Reserve Distribution Amount	N/A	N/A	
107	555.07 DA Supplemental Reserve Distribution Amount	N/A	N/A	
108	555.08 RT Contingency Reserve Deployment Failure Amount	N/A	N/A	
109	555.11 RT Over-Collected Losses Distribution Amount	N/A	N/A	
110	555.12 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 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	555.21 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 Demand Reduction Distribution Amount	N/A	N/A	
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	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	555.34	RT Ramp Up Distribution Amount	N/A	N/A	New charge type in 2022
126	555.35	RT Ramp Down Distribution Amount	N/A	N/A	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		<b>Total SPP Wholesale Market Charges</b>			
131					
132		<b>MISO ASM</b>			
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		<b>Total MISO ASM</b>			
150					
151		<b>Total Wholesale Market Charges</b>			
152					
153					
154		<b>Purchased Power</b>			
155			[PROTECTED DATA 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			...PROTECTED DATA ENDS]		
166		<b>Total Purchases</b>	<b>226,842</b>	<b>215,543</b>	Tribal (WAPA) excluded from Total
167					
168		<b>Wind Curtailment</b>	<b>(21)</b>	<b>287</b>	
169					
170		<b>Asset Based Sales</b>	<b>(2,768)</b>	<b>(16,091)</b>	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
172		Asset Based Margins			Fuel Cost MWh and Margin MWh are not separated - Need to compare total Asset Based Sales
173					
174		<b>Steam Plant Reagents</b>	-	-	Effective July 2022 - Docket No. E017/GR-20-719
175					
176		<b>Steam/Water Sales</b>	-	-	Effective July 2022 - Docket No. E017/GR-20-719
177					
178		<b>Planning Resource Auction Revenues</b>	-	-	Effective June 2022
179					
180		<b>Total System - Plant Level</b>	<b>444,394</b>	<b>395,589</b>	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

September 2024 Forecast to Actual - Expense (Revenue)					
Line	Plant Generation	September 2024 Forecast	September 2024 Actual		Notes
1	Big Stone	[PROTECTED DATA BEGINS...			
2	Coyote				
3		...PROTECTED DATA ENDS]			
4	Total Coal	\$ 25.92	\$ 30.30		
5		[PROTECTED DATA BEGINS...			
6	Langdon Wind				
7	Ashtabula Wind				
8	Ashtabula III				
9	Luverne Wind				
10	Merricourt	\$			
11		...PROTECTED DATA ENDS]			
12	Total Wind	\$ -	\$ -		
13					
14	Total Hydro	\$	\$ -		
15		[PROTECTED DATA BEGINS...			
16	Jamestown 1				
17	Jamestown 2				
18	Lake Preston				
19		...PROTECTED DATA ENDS]			
20	Total Oil - Peaking Units	\$ -	\$ -		
21		[PROTECTED DATA BEGINS...			
22	Natural gas - Solway				
23	Natural gas - Astoria				
24		...PROTECTED DATA ENDS]			
25	Total Natural Gas	\$ 39.58	\$ 29.01		
26		[PROTECTED DATA BEGINS...			
27	Solar - Blue Jay				
28	Solar - Blue Heron				
29	Solar - Hoot Lake				
30		...PROTECTED DATA ENDS]			
31	Total Solar	\$ -	\$ 0		
32					
33	Total OTP-Owned	\$ 65.50	\$ 59.31		
34					
35	Wholesale Market Charges				
36	MISO Wholesale Market Charges				
37	555.02 DA Asset Energy Amount***		N/A	N/A	
38	555.04 DA FBT Loss Amount		N/A	N/A	
39	555.09 DA Non-asset Energy Amount***		N/A	N/A	
40	555.19 RT Asset Energy Amount***		N/A	N/A	
41	555.24 RT Distribution of Losses Amount		N/A	N/A	
42	555.21 RT FBT Loss Amount		N/A	N/A	
43	DA Loss Amount		N/A	N/A	
44	RT Loss Amount		N/A	N/A	
45	555.26 RT Non-Asset Energy Amount***		N/A	N/A	
46	555.08 DA Losses Rebate on Option B GFA		N/A	N/A	
47	555.12 DA Virtual Energy Amount		N/A	N/A	
48	555.32 RT Virtual Energy Amount		N/A	N/A	
49	555.01 DA Mkt Admin Amount		N/A	N/A	
50	555.18 RT Mkt Admin Amount		N/A	N/A	
51	555.13 FTR Mkt Admin Amount		N/A	N/A	
52	555.03 DA FBT Congestion Amount		N/A	N/A	
53	DA Congestion		N/A	N/A	
54	555.2 RT FBT Congestion Amount		N/A	N/A	
55	RT Congestion		N/A	N/A	
56	555.14 FTR Hourly Allocation Amount		N/A	N/A	
57	555.15 FTR Monthly Allocation Amount		N/A	N/A	
58	555.17 FTR Yearly Allocation Amount		N/A	N/A	
59	555.35 FTR Monthly Transaction Amount		N/A	N/A	
60	555.36 FTR Full Funding Guarantee Amount		N/A	N/A	
61	555.37 FTR Guarantee Uplift Amount		N/A	N/A	
62	555.39 FTR Auction Revenue Rights Transaction Amount		N/A	N/A	
63	555.38 FTR Annual Transaction Amount		N/A	N/A	
64	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount		N/A	N/A	
65	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount		N/A	N/A	
66	555.07 DA Congestion Rebate on Option B GFA		N/A	N/A	
67	555.1 DA Revenue Sufficiency Guarantee Distribution Amount		N/A	N/A	
68	555.11 DA Revenue Sufficiency Guarantee Make Whole Pymt Amount		N/A	N/A	
69	555.29 RT Revenue Sufficiency Guarantee First Pass Distribution Amount		N/A	N/A	
70	555.3 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount		N/A	N/A	
71	555.42 RT Price Volatility Make Whole Payment		N/A	N/A	
72	555.28 RT Revenue Neutrality Uplift Amount		N/A	N/A	
73	555.25 RT Misc Amount		N/A	N/A	
74	555.27 RT Net Inadvertent Amount		N/A	N/A	
75	555.31 RT Uninstructed Deviation Amount		N/A	N/A	
76	555.59 RT Demand Response Allocation Uplift Amount		N/A	N/A	
77	555.63 DA Ramp Product		N/A	N/A	
78	555.64 RT Ramp Product		N/A	N/A	
79	555.65 RT Schedule 49 Cost Distribution Amount		N/A	N/A	
80	555.55 RT ASM Non-Excessive Energy Amount***		N/A	N/A	
81	555.56 RT ASM Excessive Energy Amount***		N/A	N/A	
82	555.05 DA Congestion Rebate on COGA		N/A	N/A	
83	555.06 DA Losses Rebate on COGA		N/A	N/A	
84	555.22 RT Congestion Rebate on COGA		N/A	N/A	
85	555.23 RT Loss Rebate on COGA		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	555.03 DA Non-asset Energy Amount		N/A	N/A	
93	555.09 RT Asset Energy Amount***		N/A	N/A	
94	555 RT Non-Asset Energy Amount		N/A	N/A	
95	555.02 DA Make-Whole-Payment Distribution Amount		N/A	N/A	
96	555.1 RT Make-Whole-Payment Distribution Amount		N/A	N/A	
97	555.18 RT Revenue Sufficiency Guarantee Distribution Amount		N/A	N/A	
98	555.15 RT Revenue Neutrality Uplift Distribution Amount		N/A	N/A	
99	555.04 DA Regulation-Down Distribution Amount		N/A	N/A	
100	555.05 DA Regulation-Up Distribution Amount		N/A	N/A	
101	555.06 DA Spinning Reserve Distribution Amount		N/A	N/A	
102	555.07 DA Supplemental Reserve Distribution Amount		N/A	N/A	
103	555.08 RT Contingency Reserve Deployment Failure Amount		N/A	N/A	
104	555.11 RT Over-Collected Losses Distribution Amount		N/A	N/A	
105	555.12 RT Regulation-Down Distribution Amount		N/A	N/A	
106	555.13 RT Regulation Non-Performance Distribution Amount		N/A	N/A	
107	555.14 RT Regulation-Up Distribution Amount		N/A	N/A	
108	555.16 RT Spinning Reserve Distribution Amount		N/A	N/A	
109	555.17 RT Supplemental Reserve Distribution Amount		N/A	N/A	
110	555.2 RT Pseudo Tie Congestion Amount		N/A	N/A	
111	555.21 RT Pseudo Tie Loss Amount		N/A	N/A	
112	555.23 Miscellaneous Amount		N/A	N/A	
113	555.26 ARR Closeout Yearly Amount		N/A	N/A	
114	555.28 RT Demand Reduction Distribution Amount		N/A	N/A	
115	555.29 RT Schedule 1A3 Amount		N/A	N/A	
116	555.30 RT Schedule 1A4 Amount		N/A	N/A	
117	555.31 DA Ramp Up Distribution Amount		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	555.33 RT Ramp Non Performance Distribution Amount		N/A	N/A	New charge type in 2022
120	555.34 RT Ramp Up Distribution Amount		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
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	N/A	
125		<b>Total SPP Wholesale Market Charges</b>			
126					
127		<b>MISO ASM</b>			
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		<b>Total MISO ASM</b>			
145					
146		<b>Total Wholesale Market Charges</b>			
147					
148					
149		<b>Purchased Power</b>			
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 DATA ENDS)		
161		<b>Total Purchases</b>	\$	32.81	\$ 23.98
162					Tribal (WAPA) excluded from Total
163		<b>Wind Curtailment</b>	\$	28.95	\$ 39.22
164					
165		<b>Asset Based Sales</b>	\$	55.50	\$ 46.47
166		Fuel Costs	N/A	N/A	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
167		Asset Based Margins	N/A	N/A	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
168					
169		<b>Steam Plant Reagents</b>	N/A	N/A	Effective July 2022 - Docket No. E017/GR-20-719
170					
171		<b>Steam/Water Sales</b>	N/A	N/A	Effective July 2022 - Docket No. E017/GR-20-719
172					
173		<b>Planning Resource Auction Revenues</b>	N/A	N/A	Effective June 2022
174					
175		<b>Total System - Plant Level</b>	\$	22.73	\$ 9.32
					Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total



36	Wholesale Market Charges				
37	MISO Wholesale Market Charges				
38	555.02 DA Asset Energy Amount***	\$	-	\$	-
39	555.04 DA FBT Loss Amount	\$	-	\$	-
40	555.09 DA Non-asset Energy Amount***	\$	-	\$	-
41	555.19 RT Asset Energy Amount***	\$	-	\$	-
42	555.24 RT Distribution of Losses Amount	\$	(323,663)	\$	(117,379)
43	555.21 RT FBT Loss Amount	\$	-	\$	-
44	DA Loss Amount	\$	818,509	\$	273,051
45	RT Loss Amount	\$	46,833	\$	58,449
46	555.26 RT Non-Asset Energy Amount***	\$	-	\$	-
47	555.08 DA Losses Rebate on Option B GFA	\$	-	\$	-
48	555.12 DA Virtual Energy Amount	\$	-	\$	-
49	555.32 RT Virtual Energy Amount	\$	-	\$	-
50	555.01 DA Mkt Admin Amount	\$	57,583	\$	56,803
51	555.18 RT Mkt Admin Amount	\$	9,054	\$	8,739
52	555.13 FTR Mkt Admin Amount	\$	1,634	\$	1,408
53	555.03 DA FBT Congestion Amount	\$	-	\$	-
54	DA Congestion	\$	2,371,096	\$	1,270,488
55	555.20 RT FBT Congestion Amount	\$	-	\$	-
56	RT Congestion	\$	259,243	\$	281,203
57	555.14 FTR Hourly Allocation Amount	\$	(2,866,852)	\$	(5,684,483)
58	555.15 FTR Monthly Allocation Amount	\$	(70,199)	\$	(227,234)
59	555.17 FTR Yearly Allocation Amount	\$	-	\$	-
60	555.35 FTR Monthly Transaction Amount	\$	-	\$	-
61	555.36 FTR Full Funding Guarantee Amount	\$	(81,316)	\$	136,177
62	555.37 FTR Guarantee Uplift Amount	\$	90,278	\$	(136,666)
63	555.39 FTR Auction Revenue Rights Transaction Amount	\$	(4,521,413)	\$	(6,020,307)
64	555.38 FTR Annual Transaction Amount	\$	4,514,330	\$	5,871,724
65	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	\$	21,388	\$	23,468
66	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	\$	(81,813)	\$	(148,862)
67	555.07 DA Congestion Rebate on Option B GFA	\$	-	\$	-
68	555.10 DA Revenue Sufficiency Guarantee Distribution Amount	\$	16,180	\$	8,132
69	555.11 DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$	(10,820)	\$	(3,700)
70	555.29 RT Revenue Sufficiency Guarantee First Pass Distribution Amount	\$	53,082	\$	3,610
71	555.30 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$	(229,119)	\$	-
72	555.42 RT Price Volatility Make Whole Payment	\$	(55,542)	\$	(28,468)
73	555.28 RT Revenue Neutrality Uplift Amount	\$	117,809	\$	203,168
74	555.25 RT Misc Amount	\$	6,775	\$	(685)
75	555.27 RT Net Inadvertent Amount	\$	170	\$	(8,994)
76	555.31 RT Uninstructed Deviation Amount	\$	-	\$	-
77	555.59 RT Demand Response Allocation Uplift Amount	\$	29,822	\$	8,155
78	555.63 DA Ramp Product	\$	(2,559)	\$	(6,869)
79	555.64 RT Ramp Product	\$	(1,550)	\$	(838)
80	555.65 RT Schedule 49 Cost Distribution Amount	\$	14,974	\$	19,951
81	555.55 RT ASM Non-Excessive Energy Amount***	\$	-	\$	-
82	555.56 RT ASM Excessive Energy Amount***	\$	-	\$	-
83	555.05 DA Congestion Rebate on COGA	\$	-	\$	-
84	555.06 DA Losses Rebate on COGA	\$	-	\$	-
85	555.22 RT Congestion Rebate on COGA	\$	-	\$	-
86	555.23 RT Loss Rebate on COGA	\$	-	\$	-
87	Net Congestion and Losses Adjustment & No DA Generation Schedule	\$	-	\$	126,841
88					
89	Total MISO Wholesale Market Charges	\$	115,642	\$	(4,100,068)

(\$ 4,215,710)

-3645.50%

		October 2024 Forecast to Actual - MWh		Notes
		October 2024 Forecast	October 2024 Actual	
Line	Plant Generation	[PROTECTED DATA BEGINS...]		
1	Big Stone			
2	Coyote			
3	Hoot Lake #2			Hoot Lake plant closed in May 2021
4	Hoot Lake #3			
5		...PROTECTED DATA ENDS]		
6	Total Coal	103,148	65,105	
7		[PROTECTED DATA BEGINS...]		
8	Langdon Wind			
9	Ashtabula Wind			
10	Ashtabula III			
11	Luverne Wind			
12	Merricourt			
13		...PROTECTED DATA ENDS]		
14	Total Wind and Solar	115,487	85,263	
15		[PROTECTED DATA BEGINS...]		
16	Total Hydro	1,699	141	
17		[PROTECTED DATA BEGINS...]		
18	Jamestown 1			
19	Jamestown 2			
20	Lake Preston			
21		...PROTECTED DATA ENDS]		
22	Total Oil - Peaking Units			
23		[PROTECTED DATA BEGINS...]		
24	Natural gas - Solway			
25	Natural gas - Astoria			
26		...PROTECTED DATA ENDS]		
27	Total Natural Gas	-	30,099	
28		[PROTECTED DATA BEGINS...]		
29	Solar - Blue Jay			
30	Solar - Blue Heron			
31	Solar - Hoot Lake			
32	Solar - Red Lake Falls Area SB Solar			
33	Solar - Karlstad Area SB			
34	Solar - Crookston Area SB			
35		...PROTECTED DATA ENDS]		
36	Total Solar	5,284	5,905	
37		[PROTECTED DATA BEGINS...]		
38	Total OTP-Owned	220,334	189,513	
39		[PROTECTED DATA BEGINS...]		
40	Wholesale Market Charges			
41	MISO Wholesale Market Charges			
42	555.02 DA Asset Energy Amount***	N/A	N/A	
43	555.04 DA FBT Loss Amount	N/A	N/A	
44	555.09 DA Non-asset Energy Amount***	N/A	N/A	
45	555.19 RT Asset Energy Amount***	N/A	N/A	
46	555.24 RT Distribution of Losses Amount	N/A	N/A	
47	555.21 RT FBT Loss Amount	N/A	N/A	
48	DA Loss Amount	N/A	N/A	
49	RT Loss Amount	N/A	N/A	
50	555.26 RT Non-Asset Energy Amount***	N/A	N/A	
51	555.08 DA Losses Rebate on Option B GFA	N/A	N/A	
52	555.12 DA Virtual Energy Amount	N/A	N/A	
53	555.32 RT Virtual Energy Amount	N/A	N/A	
54	555.01 DA Mkt Admin Amount	N/A	N/A	
55	555.18 RT Mkt Admin Amount	N/A	N/A	
56	555.13 FTR Mkt Admin Amount	N/A	N/A	
57	555.03 DA FBT Congestion Amount	N/A	N/A	
58	DA Congestion	N/A	N/A	
59	555.2 RT FBT Congestion Amount	N/A	N/A	
60	RT Congestion	N/A	N/A	
61	555.14 FTR Hourly Allocation Amount	N/A	N/A	
62	555.15 FTR Monthly Allocation Amount	N/A	N/A	
63	555.17 FTR Yearly Allocation Amount	N/A	N/A	
64	555.36 FTR Monthly Transaction Amount	N/A	N/A	
65	555.36 FTR Full Funding Guarantee Amount	N/A	N/A	
66	555.37 FTR Guarantee Uplift Amount	N/A	N/A	
67	555.39 FTR Auction Revenue Rights Transaction Amount	N/A	N/A	
68	555.38 FTR Annual Transaction Amount	N/A	N/A	
69	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A	
70	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A	
71	555.07 DA Congestion Rebate on Option B GFA	N/A	N/A	
72	555.1 DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
73	555.11 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	555.3 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
76	555.42 RT Price Volatility Make Whole Payment	N/A	N/A	
77	555.28 RT Revenue Neutrality Uplift Amount	N/A	N/A	
78	555.25 RT Misc Amount	N/A	N/A	
79	555.27 RT Net Inadvertent Amount	N/A	N/A	
80	555.31 RT Uninstructed Deviation Amount	N/A	N/A	
81	555.59 RT Demand Response Allocation Uplift Amount	N/A	N/A	
82	555.63 DA Ramp Product	N/A	N/A	
83	555.64 RT Ramp Product	N/A	N/A	
84	555.65 RT Schedule 49 Cost Distribution Amount	N/A	N/A	
85	555.55 RT ASM Non-Excessive Energy Amount***	N/A	N/A	
86	555.56 RT ASM Excessive Energy Amount***	N/A	N/A	
87	555.05 DA Congestion Rebate on COGA	N/A	N/A	
88	555.06 DA Losses Rebate on COGA	N/A	N/A	
89	555.22 RT Congestion Rebate on COGA	N/A	N/A	
90	555.23 RT Loss Rebate on COGA	N/A	N/A	
91	Net Congestion and Losses Adjustment & No DA Generation Sched.	N/A	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	555.03 DA Non-asset Energy Amount	N/A	N/A	
98	555.09 RT Asset Energy Amount***	N/A	N/A	
99	555 RT Non-Asset Energy Amount	N/A	N/A	
100	555.02 DA Make-Whole-Payment Distribution Amount	N/A	N/A	
101	555.1 RT Make-Whole-Payment Distribution Amount	N/A	N/A	
102	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
103	555.15 RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A	
104	555.04 DA Regulation-Down Distribution Amount	N/A	N/A	
105	555.05 DA Regulation-Up Distribution Amount	N/A	N/A	
106	555.06 DA Spinning Reserve Distribution Amount	N/A	N/A	
107	555.07 DA Supplemental Reserve Distribution Amount	N/A	N/A	
108	555.08 RT Contingency Reserve Deployment Failure Amount	N/A	N/A	
109	555.11 RT Over-Collected Losses Distribution Amount	N/A	N/A	
110	555.12 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 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	555.21 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 Demand Reduction Distribution Amount	N/A	N/A	
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	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	555.34	RT Ramp Up Distribution Amount	N/A	N/A	New charge type in 2022
126	555.35	RT Ramp Down Distribution Amount	N/A	N/A	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		<b>Total SPP Wholesale Market Charges</b>			
131					
132		<b>MISO ASM</b>			
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		<b>Total MISO ASM</b>			
150					
151		<b>Total Wholesale Market Charges</b>			
152					
153					
154		<b>Purchased Power</b>			
155			[PROTECTED DATA 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			...PROTECTED DATA ENDS]		
166		<b>Total Purchases</b>	<b>249,177</b>	<b>281,643</b>	Tribal (WAPA) excluded from Total
167					
168		<b>Wind Curtailment</b>	<b>348</b>	<b>1,757</b>	
169					
170		<b>Asset Based Sales</b>	<b>-</b>	<b>(9,242)</b>	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
172		Asset Based Margins			Fuel Cost MWh and Margin MWh are not separated - Need to compare total Asset Based Sales
173					
174		<b>Steam Plant Reagents</b>	<b>-</b>	<b>-</b>	Effective July 2022 - Docket No. E017/GR-20-719
175					
176		<b>Steam/Water Sales</b>	<b>-</b>	<b>-</b>	Effective July 2022 - Docket No. E017/GR-20-719
177					
178		<b>Planning Resource Auction Revenues</b>	<b>-</b>	<b>-</b>	Effective June 2022
179					
180		<b>Total System - Plant Level</b>	<b>469,859</b>	<b>463,671</b>	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

October 2024 Forecast to Actual - \$ per MWh					
Line	Plant Generation	October 2024 Forecast	October 2024 Actual		Notes
1	Big Stone	[PROTECTED DATA BEGINS...]			
2	Coyote				
3					
4		Total Coal	\$ 22.64	\$ 41.07	
5			[PROTECTED DATA BEGINS...]		
6	Langdon Wind				
7	Ashtabula Wind				
8	Ashtabula III				
9	Luverne Wind				
10	Merricourt				
11					
12		Total Wind	\$ -	\$ -	
13					
14		Total Hydro	\$ -	\$ -	
15			[PROTECTED DATA BEGINS...]		
16	Jamestown 1				
17	Jamestown 2				
18	Lake Preston				
19					
20		Total Oil - Peaking Units	\$ -	\$ -	
21			[PROTECTED DATA BEGINS...]		
22	Natural gas - Solway				
23	Natural gas - Astoria				
24					
25		Total Natural Gas	0	\$ 29.19	
26			[PROTECTED DATA BEGINS...]		
27	Solar - Blue Jay				
28	Solar - Blue Heron				
29	Solar - Hoot Lake				
30					
31		Total Solar	\$ -	0	
32					
33		Total OTP-Owned	\$ 22.64	\$ 70.26	
34					
35	Wholesale Market Charges				
36	MISO Wholesale Market Charges				
37	555.02	DA Asset Energy Amount***	N/A	N/A	
38	555.04	DA FBT Loss Amount	N/A	N/A	
39	555.09	DA Non-asset Energy Amount***	N/A	N/A	
40	555.19	RT Asset Energy Amount***	N/A	N/A	
41	555.24	RT Distribution of Losses Amount	N/A	N/A	
42	555.21	RT FBT Loss Amount	N/A	N/A	
43		DA Loss Amount	N/A	N/A	
44		RT Loss Amount	N/A	N/A	
45	555.26	RT Non-Asset Energy Amount***	N/A	N/A	
46	555.08	DA Losses Rebate on Option B GFA	N/A	N/A	
47	555.12	DA Virtual Energy Amount	N/A	N/A	
48	555.32	RT Virtual Energy Amount	N/A	N/A	
49	555.01	DA Mkt Admin Amount	N/A	N/A	
50	555.18	RT Mkt Admin Amount	N/A	N/A	
51	555.13	FTR Mkt Admin Amount	N/A	N/A	
52	555.03	DA FBT Congestion Amount	N/A	N/A	
53		DA Congestion	N/A	N/A	
54	555.2	RT FBT Congestion Amount	N/A	N/A	
55		RT Congestion	N/A	N/A	
56	555.14	FTR Hourly Allocation Amount	N/A	N/A	
57	555.15	FTR Monthly Allocation Amount	N/A	N/A	
58	555.17	FTR Yearly Allocation Amount	N/A	N/A	
59	555.35	FTR Monthly Transaction Amount	N/A	N/A	
60	555.36	FTR Full Funding Guarantee Amount	N/A	N/A	
61	555.37	FTR Guarantee Uplift Amount	N/A	N/A	
62	555.39	FTR Auction Revenue Rights Transaction Amount	N/A	N/A	
63	555.38	FTR Annual Transaction Amount	N/A	N/A	
64	555.40	FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A	
65	555.41	FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A	
66	555.07	DA Congestion Rebate on Option B GFA	N/A	N/A	
67	555.1	DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
68	555.11	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
69	555.29	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	N/A	N/A	
70	555.3	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
71	555.42	RT Price Volatility Make Whole Payment	N/A	N/A	
72	555.28	RT Revenue Neutrality Uplift Amount	N/A	N/A	
73	555.25	RT Misc Amount	N/A	N/A	
74	555.27	RT Net Inadvertent Amount	N/A	N/A	
75	555.31	RT Uninstructed Deviation Amount	N/A	N/A	
76	555.59	RT Demand Response Allocation Uplift Amount	N/A	N/A	
77	555.63	DA Ramp Product	N/A	N/A	
78	555.64	RT Ramp Product	N/A	N/A	
79	555.65	RT Schedule 49 Cost Distribution Amount	N/A	N/A	
80	555.55	RT ASM Non-Excessive Energy Amount***	N/A	N/A	
81	555.56	RT ASM Excessive Energy Amount***	N/A	N/A	
82	555.05	DA Congestion Rebate on COGA	N/A	N/A	
83	555.06	DA Losses Rebate on COGA	N/A	N/A	
84	555.22	RT Congestion Rebate on COGA	N/A	N/A	
85	555.23	RT Loss Rebate on COGA	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	555.03	DA Non-asset Energy Amount	N/A	N/A	
93	555.09	RT Asset Energy Amount***	N/A	N/A	
94	555	RT Non-Asset Energy Amount	N/A	N/A	
95	555.02	DA Make-Whole-Payment Distribution Amount	N/A	N/A	
96	555.1	RT Make-Whole-Payment Distribution Amount	N/A	N/A	
97	555.18	RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
98	555.15	RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A	
99	555.04	DA Regulation-Down Distribution Amount	N/A	N/A	
100	555.05	DA Regulation-Up Distribution Amount	N/A	N/A	
101	555.06	DA Spinning Reserve Distribution Amount	N/A	N/A	
102	555.07	DA Supplemental Reserve Distribution Amount	N/A	N/A	
103	555.08	RT Contingency Reserve Deployment Failure Amount	N/A	N/A	
104	555.11	RT Over-Collected Losses Distribution Amount	N/A	N/A	
105	555.12	RT Regulation-Down Distribution Amount	N/A	N/A	
106	555.13	RT Regulation Non-Performance Distribution Amount	N/A	N/A	
107	555.14	RT Regulation-Up Distribution Amount	N/A	N/A	
108	555.16	RT Spinning Reserve Distribution Amount	N/A	N/A	
109	555.17	RT Supplemental Reserve Distribution Amount	N/A	N/A	
110	555.2	RT Pseudo Tie Congestion Amount	N/A	N/A	
111	555.21	RT Pseudo Tie Loss Amount	N/A	N/A	
112	555.23	Miscellaneous Amount	N/A	N/A	
113	555.26	ARR Closeout Yearly Amount	N/A	N/A	
114	555.28	RT Demand Reduction Distribution Amount	N/A	N/A	
115	555.29	RT Schedule 1A3 Amount	N/A	N/A	
116	555.30	RT Schedule 1A4 Amount	N/A	N/A	
117	555.31	DA Ramp Up Distribution Amount	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	555.33	RT Ramp Non Performance Distribution Amount	N/A	N/A	New charge type in 2022
120	555.34	RT Ramp Up Distribution Amount	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
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	N/A	
125		<b>Total SPP Wholesale Market Charges</b>			
126					
127		<b>MISO ASM</b>			
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		<b>Total MISO ASM</b>			
145					
146		<b>Total Wholesale Market Charges</b>			
147					
148					
149		<b>Purchased Power</b>			
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 DATA ENDS		
161		<b>Total Purchases</b>	\$	31.54	\$ 27.32
162					Tribal (WAPA) excluded from Total
163		<b>Wind Curtailment</b>	\$	94.62	\$ 39.71
164					
165		<b>Asset Based Sales</b>		0	\$ 51.19
166		Fuel Costs	N/A	N/A	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
167		Asset Based Margins	N/A	N/A	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
168					
169		<b>Steam Plant Reagents</b>	N/A	N/A	Effective July 2022 - Docket No. E017/GR-20-719
170					
171		<b>Steam/Water Sales</b>	N/A	N/A	Effective July 2022 - Docket No. E017/GR-20-719
172					
173		<b>Planning Resource Auction Revenues</b>	N/A	N/A	Effective June 2022
174					
175		<b>Total System - Plant Level</b>	\$	21.55	\$ 13.91
					Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

November 2024 Forecast to Actual - Expense (Revenue)					
Line	Plant Generation	November 2024 Forecast	November 2024 Actual		Notes
1	Big Stone	[PROTECTED DATA BEGINS...]			
2	Coyote				
3	Hoot Lake #2				Hoot Lake plant closed in May 2021
4	Hoot Lake #3				
5					
6		Total Coal	\$ 3,496,523	\$ 4,464,428	\$ 967,905 27.68%
7					
8	Langdon Wind	[PROTECTED DATA BEGINS...]			
9	Ashtabula Wind				
10	Luverne Wind				
11	Merricourt				
12					
13		Total Wind	\$ -	\$ -	\$ - 0
14					
15		Total Hydro	\$ -	\$ -	\$ - 0
16					
17	Jamestown 1	[PROTECTED DATA BEGINS...]			
18	Jamestown 2				
19	Lake Preston				
20					
21		Total Oil - Peaking Units	\$ -	\$ -	\$ - 0
22					
23	Natural gas - Solway	[PROTECTED DATA BEGINS...]			
24	Natural gas - Astoria				
25					
26		Total Natural Gas	\$ 61,446	\$ 845,191	\$ 783,745 1275.51%
27					
28	Solar - Blue Jay	[PROTECTED DATA BEGINS...]			
29	Solar - Blue Heron				
30	Solar - Hoot Lake				
31					
32		Total Solar	\$ -	\$ -	\$ - 0
33					
34		Total OTP-Owned	\$ 3,557,969	\$ 5,309,619	\$ 1,751,650 49.23%
35					
36					
37					
38	555.02 DA Asset Energy Amount***	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
39	555.04 DA FBT Loss Amount	\$ -	\$ -	\$ -	0
40	555.09 DA Non-asset Energy Amount***	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
41	555.19 RT Asset Energy Amount***	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
42	555.24 RT Distribution of Losses Amount	\$ (366,546)	\$ (155,585)	\$ 210,961	-57.55%
43	555.21 RT FBT Loss Amount	\$ -	\$ -	\$ -	0
44	DA Loss Amount	\$ 926,955	\$ 348,946	\$ (578,010)	-62.36%
45	RT Loss Amount	\$ 53,038	\$ 30,342	\$ (22,697)	-42.79%
46	555.26 RT Non-Asset Energy Amount***	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
47	555.08 DA Losses Rebate on Option B GFA	\$ -	\$ -	\$ -	0
48	555.12 DA Virtual Energy Amount	\$ -	\$ -	\$ -	0
49	555.32 RT Virtual Energy Amount	\$ -	\$ -	\$ -	0
50	555.01 DA Mkt Admin Amount	\$ 67,351	\$ 63,965	\$ (3,387)	-5.03%
51	555.18 RT Mkt Admin Amount	\$ 10,154	\$ 9,335	\$ (820)	-8.07%
52	555.13 FTR Mkt Admin Amount	\$ 1,717	\$ 1,144	\$ (574)	-33.40%
53	555.03 DA FBT Congestion Amount	\$ -	\$ -	\$ -	0
54	DA Congestion	\$ 2,685,249	\$ 1,409,708	\$ (1,275,541)	-47.50%
55	555.20 RT FBT Congestion Amount	\$ -	\$ -	\$ -	0
56	RT Congestion	\$ 293,591	\$ 32,510	\$ (261,081)	-88.93%
57	555.14 FTR Hourly Allocation Amount	\$ (3,246,689)	\$ (3,936,546)	\$ (692,857)	-21.34%
58	555.15 FTR Monthly Allocation Amount	\$ (79,500)	\$ (183,943)	\$ (104,443)	-131.37%
59	555.17 FTR Yearly Allocation Amount	\$ -	\$ -	\$ -	0
60	555.35 FTR Monthly Transaction Amount	\$ -	\$ -	\$ -	0
61	555.36 FTR Full Funding Guarantee Amount	\$ (71,306)	\$ (5,162)	\$ 66,144	-92.76%
62	555.37 FTR Guarantee Uplift Amount	\$ 73,557	\$ 5,162	\$ (68,396)	-92.98%
63	555.39 FTR Auction Revenue Rights Transaction Amount	\$ (4,521,413)	\$ (6,020,307)	\$ (1,498,895)	-33.15%
64	555.38 FTR Annual Transaction Amount	\$ 4,514,330	\$ 5,871,724	\$ 1,357,394	30.07%
65	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	\$ 21,392	\$ 23,468	\$ 2,076	9.70%
66	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	\$ (81,813)	\$ (148,862)	\$ (67,049)	81.95%
67	555.07 DA Congestion Rebate on Option B GFA	\$ -	\$ -	\$ -	0
68	555.10 DA Revenue Sufficiency Guarantee Distribution Amount	\$ 23,199	\$ 6,004	\$ (17,194)	-74.12%
69	555.11 DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (940)	\$ (8,059)	\$ (7,120)	-757.69%
70	555.29 RT Revenue Sufficiency Guarantee First Pass Distribution Amount	\$ 53,082	\$ 4,359	\$ (48,723)	-91.79%
71	555.30 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (229,119)	\$ (1,609)	\$ 229,119	-100.00%
72	555.42 RT Price Volatility Make Whole Payment	\$ (55,542)	\$ (18,149)	\$ 37,394	-67.32%
73	555.28 RT Revenue Neutrality Uplift Amount	\$ 117,809	\$ 217,163	\$ 99,354	84.34%
74	555.25 RT Misc Amount	\$ 6,775	\$ (12,388)	\$ (19,163)	-282.86%
75	555.27 RT Net Inadvertent Amount	\$ 170	\$ (6,907)	\$ (7,077)	-4166.91%
76	555.31 RT Uninstructed Deviation Amount	\$ -	\$ -	\$ -	0
77	555.59 RT Demand Response Allocation Uplift Amount	\$ 27,853	\$ (143)	\$ (27,997)	-100.51%
78	555.63 DA Ramp Product	\$ (994)	\$ (14,801)	\$ (13,837)	-1434.92%
79	555.64 RT Ramp Product	\$ (1,229)	\$ (1,609)	\$ (380)	-31.53%
80	555.65 RT Schedule 49 Cost Distribution Amount	\$ 14,974	\$ 22,112	\$ 7,138	47.67%
81	555.55 RT ASM Non-Excessive Energy Amount***	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
82	555.56 RT ASM Excessive Energy Amount***	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
83	555.05 DA Congestion Rebate on COGA	\$ -	\$ -	\$ -	0
84	555.06 DA Losses Rebate on COGA	\$ -	\$ -	\$ -	0
85	555.22 RT Congestion Rebate on COGA	\$ -	\$ -	\$ -	0
86	555.23 RT Loss Rebate on COGA	\$ -	\$ -	\$ -	0
87	Net Congestion and Losses Adjustment & No DA Generation Schedule	\$ -	\$ 52,507	\$ 52,507	0
88					
89		Total MISO Wholesale Market Charges	\$ 156,918	\$ (2,491,458)	\$ (2,648,376) -1687.75%
90					Total Excludes Schedule 16 and 17 (Lines 40, 41, 42 Above)
91					
92					
93	555.19 DA Asset Energy Amount***	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
94	555.03 DA Non-asset Energy Amount	\$ -	\$ -	\$ -	0
95	555.09 RT Asset Energy Amount***	\$ -	\$ -	\$ -	0 Energy Amounts - included/embedded within Market Purchases
96	555.00 RT Non-Asset Energy Amount	\$ -	\$ -	\$ -	0
97	555.02 DA Make-Whole-Payment Distribution Amount	\$ -	\$ -	\$ -	0
98	555.10 RT Make-Whole-Payment Distribution Amount	\$ 1,109	\$ 36	\$ (1,072)	-96.72%
99	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	\$ -	\$ -	\$ -	0
100	555.15 RT Revenue Neutrality Uplift Distribution Amount	\$ 248	\$ 161	\$ (87)	-35.14%
101	555.04 DA Regulation-Down Distribution Amount	\$ 16	\$ 4	\$ (13)	-76.50%
102	555.05 DA Regulation-Up Distribution Amount	\$ 62	\$ 10	\$ (51)	-83.40%
103	555.06 DA Spinning Reserve Distribution Amount	\$ 74	\$ 1	\$ (73)	-98.10%
104	555.07 DA Supplemental Reserve Distribution Amount	\$ 11	\$ 1	\$ (10)	-91.29%
105	555.08 RT Contingency Reserve Deployment Failure Amount	\$ (2)	\$ (0)	\$ 2	-80.87%
106	555.11 RT Over-Collected Losses Distribution Amount	\$ (32,460)	\$ (9,517)	\$ 22,943	-70.68%
107	555.12 RT Regulation-Down Distribution Amount	\$ 3	\$ 0	\$ (3)	-86.57%
108	555.13 RT Regulation-Non-Performance Distribution Amount	\$ (2)	\$ 1	\$ 3	-52.29%
109	555.14 RT Regulation-Up Distribution Amount	\$ (3)	\$ (2)	\$ 1	-35.67%
110	555.16 RT Spinning Reserve Distribution Amount	\$ (1)	\$ (0)	\$ 1	-96.93%
111	555.17 RT Supplemental Reserve Distribution Amount	\$ (3)	\$ -	\$ 3	-100.00%
112	555.20 RT Pseudo Tie Congestion Amount	\$ (94,068)	\$ (11,293)	\$ 82,775	-87.99%
113	555.21 RT Pseudo Tie Loss Amount	\$ (21,936)	\$ (7,167)	\$ 14,769	-67.33%
114	555.23 Miscellaneous Amount	\$ (3)	\$ -	\$ 3	-100.00%
115	555.26 ARR Closeout Yearly Amount	\$ -	\$ -	\$ -	0
116	555.28 RT Demand Reduction Distribution Amount	\$ 0	\$ 1	\$ 1	869.54%
117	555.29 RT Schedule 1A3 Amount	\$ 7	\$ 2	\$ (6)	-75.06%
118	555.30 RT Schedule 1A4 Amount	\$ 37	\$ 6	\$ (31)	-84.03%
119	555.31 DA Ramp Up Distribution Amount	\$ 74	\$ -	\$ (74)	-100.00% New charge type in 2022
120	555.32 DA Ramp Down Distribution Amount	\$ -	\$ -	\$ -	0 New charge type in 2022
121	555.33 RT Ramp Non Performance Distribution Amount	\$ (1)	\$ (0)	\$ 1	-89.29% New charge type in 2022
122	555.34 RT Ramp Up Distribution Amount	\$ (5)	\$ (0)	\$ 5	-97.90% New charge type in 2022
123	555.35 RT Ramp Down Distribution Amount	\$ -	\$ -	\$ -	0 New charge type in 2022
124	555.36 ArrAucTmAOamt	\$ -	\$ -	\$ -	0 New charge type in 2024

124	555.37	RtURDDistAaAmt	\$	-	\$	(13)	\$	(13)	0	New charge type in 2024
125	555.01	DA GFA Carve Out Distribution Deployment Daily Amount	\$	28	\$	8	\$	(19)	-70.36%	
126	555.22	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		<b>Total SPP Wholesale Market Charges</b>	\$	<b>(146,816)</b>	\$	<b>(27,764)</b>	\$	<b>119,053</b>	<b>-81.09%</b>	
129										
130		<b>MISO ASM</b>								
131	555.43	Day Ahead Regulation Amount	\$	(11,825)	\$	(63,877)	\$	(52,051)	440.17%	
132	555.46	Real Time Regulation Amount	\$	(3,334)	\$	(38,337)	\$	(35,003)	1049.71%	
133	555.52	Regulation Cost Distribution Amount	\$	25,840	\$	37,713	\$	11,873	45.95%	
134	555.66	Day Ahead Short-Term Reserve Amount	\$	(7,446)	\$	(13,555)	\$	(6,108)	82.03%	
135	555.67	Real Time Short-Term Reserve Amount	\$	124	\$	(327)	\$	(452)	-363.59%	
136	555.68	Short-Term Reserve Cost Distribution Amount	\$	11,386	\$	5,622	\$	(5,765)	-50.63%	
137	555.44	Day Ahead Spinning Reserve Amount	\$	(20,779)	\$	(49,837)	\$	(29,058)	139.85%	
138	555.47	Real Time Spinning Reserve Amount	\$	(4,114)	\$	5,982	\$	10,096	-245.41%	
139	555.53	Spinning Reserve Cost Distribution Amount	\$	28,978	\$	21,880	\$	(7,099)	-24.50%	
140	555.45	Day Ahead Supplemental Reserve Amount	\$	(13,396)	\$	(20,358)	\$	(6,963)	51.98%	
141	555.48	Real Time Supplemental Reserve Amount	\$	1,990	\$	10,096	\$	8,106	407.27%	
142	555.54	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	555.69	Short-Term Reserve Deployment Failure Charge Amount	\$	-	\$	-	\$	-	0	
146	555.49	Net Regulation Adjustment Amount	\$	1,016	\$	3,120	\$	2,105	207.21%	
147		<b>Total MISO ASM</b>	\$	<b>16,160</b>	\$	<b>(80,683)</b>	\$	<b>(96,843)</b>	<b>-599.27%</b>	
148										
149		<b>Total Wholesale Market Charges</b>	\$	<b>26,261</b>	\$	<b>(2,599,905)</b>	\$	<b>(2,626,166)</b>	<b>-10000.08%</b>	
150										
151										
152		<b>Purchased Power</b>								
153		[PROTECTED DATA BEGINS...								
154		Edgeley PPA								
155		Langdon PPA								
156		Ashitabula III PPA								
157		Tribal (WAPA)								
158		WAPA Energy Imbalance								
159		Shared Loads								
160		Small Co-gen								
161		Bilateral purchases								
162		Market Purchases								
163										
164		<b>Total Purchases</b>	\$	<b>9,594,738</b>	\$	<b>6,125,501</b>	\$	<b>(3,469,237)</b>	<b>-36.16%</b>	
165										
166		<b>Wind Curtailment</b>	\$	<b>8,135</b>	\$	<b>(8,732)</b>	\$	<b>(16,867)</b>	<b>-207.34%</b>	
167										
168		<b>Asset Based Sales</b>	\$	<b>-</b>	\$	<b>(481,517)</b>	\$	<b>(481,517)</b>	<b>0</b>	
169		Fuel Costs	\$	-	\$	(326,541)	\$	(326,541)	0	
170		Asset Based Margins	\$	-	\$	(154,976)	\$	(154,976)	0	
171										
172		<b>Hoot Lake Solar Generation Credit</b>	\$	<b>(125,672)</b>	\$	<b>(77,234)</b>	\$	<b>48,438</b>	<b>(0)</b>	
173										
174		<b>Steam Plant Reagents</b>	\$	<b>160,328</b>	\$	<b>321,582</b>	\$	<b>161,254</b>	<b>1</b>	
175										
176		<b>Steam/Water Sales</b>	\$	<b>(108,392)</b>	\$	<b>(62,564)</b>	\$	<b>25,828</b>	<b>(0)</b>	
177										
178		<b>Planning Resource Auction Revenues</b>	\$	<b>-</b>	\$	<b>(75,690)</b>	\$	<b>-</b>	<b>0</b>	
179										
180		<b>Total System - Plant Level</b>	\$	<b>13,113,367</b>	\$	<b>8,431,061</b>	\$	<b>(4,682,306)</b>	<b>-35.71%</b>	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

\*\*\* These energy related charge types are reported in Market Purchases

		November 2024 Forecast to Actual - MWh		Notes
Line	Plant Generation	November 2024 Forecast	November 2024 Actual	
1	Big Stone	[PROTECTED DATA BEGINS...]		
2	Coyote			
3	Hoot Lake #2			Hoot Lake plant closed in May 2021
4	Hoot Lake #3			
5		...PROTECTED DATA ENDS]		
6	Total Coal	140,501	142,728	
7		[PROTECTED DATA BEGINS...]		
8	Langdon Wind			
9	Ashtabula Wind			
10	Ashtabula III			
11	Luverne Wind			
12	Merricourt			
13		...PROTECTED DATA ENDS]		
14	Total Wind and Solar	92,705	87,410	
15				
16	Total Hydro	1,644	133	
17		[PROTECTED DATA BEGINS...]		
18	Jamestown 1			
19	Jamestown 2			
20	Lake Preston			
21		...PROTECTED DATA ENDS]		
22	Total Oil - Peaking Units			
23		[PROTECTED DATA BEGINS...]		
24	Natural gas - Solway			
25	Natural gas - Astoria			
26		...PROTECTED DATA ENDS]		
27	Total Natural Gas	43	34,192	
28		[PROTECTED DATA BEGINS...]		
29	Solar - Blue Jay			
30	Solar - Blue Heron			
31	Solar - Hoot Lake			
32	Solar - Red Lake Falls Area SB Solar			
33	Solar - Karlstad Area SB			
34	Solar - Crookston Area SB			
35		...PROTECTED DATA ENDS]		
36	Total Solar	3,509	2,350	
37				
38	Total OTP-Owned	234,892	266,813	
39				
40	Wholesale Market Charges			
41	MISO Wholesale Market Charges			
42	555.02 DA Asset Energy Amount**	N/A	N/A	
43	555.04 DA FBT Loss Amount	N/A	N/A	
44	555.09 DA Non-asset Energy Amount***	N/A	N/A	
45	555.19 RT Asset Energy Amount***	N/A	N/A	
46	555.24 RT Distribution of Losses Amount	N/A	N/A	
47	555.21 RT FBT Loss Amount	N/A	N/A	
48	DA Loss Amount	N/A	N/A	
49	RT Loss Amount	N/A	N/A	
50	555.26 RT Non-Asset Energy Amount***	N/A	N/A	
51	555.08 DA Losses Rebate on Option B GFA	N/A	N/A	
52	555.12 DA Virtual Energy Amount	N/A	N/A	
53	555.32 RT Virtual Energy Amount	N/A	N/A	
54	555.01 DA Mkt Admin Amount	N/A	N/A	
55	555.18 RT Mkt Admin Amount	N/A	N/A	
56	555.13 FTR Mkt Admin Amount	N/A	N/A	
57	555.03 DA FBT Congestion Amount	N/A	N/A	
58	DA Congestion	N/A	N/A	
59	555.2 RT FBT Congestion Amount	N/A	N/A	
60	RT Congestion	N/A	N/A	
61	555.14 FTR Hourly Allocation Amount	N/A	N/A	
62	555.15 FTR Monthly Allocation Amount	N/A	N/A	
63	555.17 FTR Yearly Allocation Amount	N/A	N/A	
64	555.35 FTR Monthly Transaction Amount	N/A	N/A	
65	555.36 FTR Full Funding Guarantee Amount	N/A	N/A	
66	555.37 FTR Guarantee Uplift Amount	N/A	N/A	
67	555.39 FTR Auction Revenue Rights Transaction Amount	N/A	N/A	
68	555.38 FTR Annual Transaction Amount	N/A	N/A	
69	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A	
70	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A	
71	555.07 DA Congestion Rebate on Option B GFA	N/A	N/A	
72	555.1 DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
73	555.11 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	555.3 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
76	555.42 RT Price Volatility Make Whole Payment	N/A	N/A	
77	555.28 RT Revenue Neutrality Uplift Amount	N/A	N/A	
78	555.25 RT Misc Amount	N/A	N/A	
79	555.27 RT Net Inadvertent Amount	N/A	N/A	
80	555.31 RT Uninstructed Deviation Amount	N/A	N/A	
81	555.59 RT Demand Response Allocation Uplift Amount	N/A	N/A	
82	555.63 DA Ramp Product	N/A	N/A	
83	555.64 RT Ramp Product	N/A	N/A	
84	555.65 RT Schedule 49 Cost Distribution Amount	N/A	N/A	
85	555.55 RT ASM Non-Excessive Energy Amount***	N/A	N/A	
86	555.56 RT ASM Excessive Energy Amount***	N/A	N/A	
87	555.05 DA Congestion Rebate on COGA	N/A	N/A	
88	555.06 DA Losses Rebate on COGA	N/A	N/A	
89	555.22 RT Congestion Rebate on COGA	N/A	N/A	
90	555.23 RT Loss Rebate on COGA	N/A	N/A	
91	Net Congestion and Losses Adjustment & No DA Generation Sched.	N/A	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	555.03 DA Non-asset Energy Amount	N/A	N/A	
98	555.09 RT Asset Energy Amount***	N/A	N/A	
99	555 RT Non-Asset Energy Amount	N/A	N/A	
100	555.02 DA Make-Whole-Payment Distribution Amount	N/A	N/A	
101	555.1 RT Make-Whole-Payment Distribution Amount	N/A	N/A	
102	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
103	555.15 RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A	
104	555.04 DA Regulation-Down Distribution Amount	N/A	N/A	
105	555.05 DA Regulation-Up Distribution Amount	N/A	N/A	
106	555.06 DA Spinning Reserve Distribution Amount	N/A	N/A	
107	555.07 DA Supplemental Reserve Distribution Amount	N/A	N/A	
108	555.08 RT Contingency Reserve Deployment Failure Amount	N/A	N/A	
109	555.11 RT Over-Collected Losses Distribution Amount	N/A	N/A	
110	555.12 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 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	555.21 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 Demand Reduction Distribution Amount	N/A	N/A	
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	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	555.34	RT Ramp Up Distribution Amount	N/A	N/A	New charge type in 2022
126	555.35	RT Ramp Down Distribution Amount	N/A	N/A	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		<b>Total SPP Wholesale Market Charges</b>			
131					
132		<b>MISO ASM</b>			
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		<b>Total MISO ASM</b>			
150					
151		<b>Total Wholesale Market Charges</b>			
152					
153					
154		<b>Purchased Power</b>			
155			[PROTECTED DATA 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			...PROTECTED DATA ENDS]		
166		<b>Total Purchases</b>	<b>299,708</b>	<b>262,068</b>	Tribal (WAPA) excluded from Total
167					
168		<b>Wind Curtailment</b>	<b>686</b>	<b>(212)</b>	
169					
170		<b>Asset Based Sales</b>	<b>-</b>	<b>(13,718)</b>	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
172		Asset Based Margins			Fuel Cost MWh and Margin MWh are not separated - Need to compare total Asset Based Sales
173					
174		<b>Steam Plant Reagents</b>	<b>-</b>	<b>-</b>	Effective July 2022 - Docket No. E017/GR-20-719
175					
176		<b>Steam/Water Sales</b>	<b>-</b>	<b>-</b>	Effective July 2022 - Docket No. E017/GR-20-719
177					
178		<b>Planning Resource Auction Revenues</b>	<b>-</b>	<b>-</b>	Effective June 2022
179					
180		<b>Total System - Plant Level</b>	<b>535,285</b>	<b>514,952</b>	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

		November 2024 Forecast to Actual - \$ per MWh			
		November 2024 Forecast	November 2024 Actual		
Line	Plant Generation	[PROTECTED DATA BEGINS...]			Notes
1	Big Stone				
2	Coyote				
3		...[PROTECTED DATA ENDS]			
4		Total Coal	\$ 24.89	\$ 31.28	
5		[PROTECTED DATA BEGINS...]			
6	Langdon Wind				
7	Ashtabula Wind				
8	Ashtabula III				
9	Luverne Wind				
10	Merricourt				
11		...[PROTECTED DATA ENDS]			
12		Total Wind	\$ -	\$ -	
13					
14		Total Hydro	\$ -	\$ -	
15		[PROTECTED DATA BEGINS...]			
16	Jamestown 1				
17	Jamestown 2				
18	Lake Preston				
19		...[PROTECTED DATA ENDS]			
20		Total Oil - Peaking Units	\$ -	\$ -	
21		[PROTECTED DATA BEGINS...]			
22	Natural gas - Solway				
23	Natural gas - Astoria				
24		...[PROTECTED DATA ENDS]			
25		Total Natural Gas	\$ 1,445.78	\$ 24.72	
26		[PROTECTED DATA BEGINS...]			
27	Solar - Blue Jay				
28	Solar - Blue Heron				
29	Solar - Hoot Lake				
30		...[PROTECTED DATA ENDS]			
31		Total Solar	\$ -	0	
32					
33		Total OTP-Owned	\$ 1,470.67	\$ 56.00	
34					
35	Wholesale Market Charges				
36	MISO Wholesale Market Charges				
37	555.02	DA Asset Energy Amount***	N/A	N/A	
38	555.04	DA FBT Loss Amount	N/A	N/A	
39	555.09	DA Non-asset Energy Amount***	N/A	N/A	
40	555.19	RT Asset Energy Amount***	N/A	N/A	
41	555.24	RT Distribution of Losses Amount	N/A	N/A	
42	555.21	RT FBT Loss Amount	N/A	N/A	
43		DA Loss Amount	N/A	N/A	
44		RT Loss Amount	N/A	N/A	
45	555.26	RT Non-Asset Energy Amount***	N/A	N/A	
46	555.08	DA Losses Rebate on Option B GFA	N/A	N/A	
47	555.12	DA Virtual Energy Amount	N/A	N/A	
48	555.32	RT Virtual Energy Amount	N/A	N/A	
49	555.01	DA Mkt Admin Amount	N/A	N/A	
50	555.18	RT Mkt Admin Amount	N/A	N/A	
51	555.13	FTR Mkt Admin Amount	N/A	N/A	
52	555.03	DA FBT Congestion Amount	N/A	N/A	
53		DA Congestion	N/A	N/A	
54	555.2	RT FBT Congestion Amount	N/A	N/A	
55		RT Congestion	N/A	N/A	
56	555.14	FTR Hourly Allocation Amount	N/A	N/A	
57	555.15	FTR Monthly Allocation Amount	N/A	N/A	
58	555.17	FTR Yearly Allocation Amount	N/A	N/A	
59	555.35	FTR Monthly Transaction Amount	N/A	N/A	
60	555.36	FTR Full Funding Guarantee Amount	N/A	N/A	
61	555.37	FTR Guarantee Uplift Amount	N/A	N/A	
62	555.39	FTR Auction Revenue Rights Transaction Amount	N/A	N/A	
63	555.38	FTR Annual Transaction Amount	N/A	N/A	
64	555.40	FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A	
65	555.41	FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A	
66	555.07	DA Congestion Rebate on Option B GFA	N/A	N/A	
67	555.1	DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
68	555.11	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
69	555.29	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	N/A	N/A	
70	555.3	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
71	555.42	RT Price Volatility Make Whole Payment	N/A	N/A	
72	555.28	RT Revenue Neutrality Uplift Amount	N/A	N/A	
73	555.25	RT Misc Amount	N/A	N/A	
74	555.27	RT Net Inadvertent Amount	N/A	N/A	
75	555.31	RT Uninstructed Deviation Amount	N/A	N/A	
76	555.59	RT Demand Response Allocation Uplift Amount	N/A	N/A	
77	555.63	DA Ramp Product	N/A	N/A	
78	555.64	RT Ramp Product	N/A	N/A	
79	555.65	RT Schedule 49 Cost Distribution Amount	N/A	N/A	
80	555.55	RT ASM Non-Excessive Energy Amount***	N/A	N/A	
81	555.56	RT ASM Excessive Energy Amount***	N/A	N/A	
82	555.05	DA Congestion Rebate on COGA	N/A	N/A	
83	555.06	DA Losses Rebate on COGA	N/A	N/A	
84	555.22	RT Congestion Rebate on COGA	N/A	N/A	
85	555.23	RT Loss Rebate on COGA	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	555.03	DA Non-asset Energy Amount	N/A	N/A	
93	555.09	RT Asset Energy Amount***	N/A	N/A	
94	555	RT Non-Asset Energy Amount	N/A	N/A	
95	555.02	DA Make-Whole-Payment Distribution Amount	N/A	N/A	
96	555.1	RT Make-Whole-Payment Distribution Amount	N/A	N/A	
97	555.18	RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
98	555.15	RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A	
99	555.04	DA Regulation-Down Distribution Amount	N/A	N/A	
100	555.05	DA Regulation-Up Distribution Amount	N/A	N/A	
101	555.06	DA Spinning Reserve Distribution Amount	N/A	N/A	
102	555.07	DA Supplemental Reserve Distribution Amount	N/A	N/A	
103	555.08	RT Contingency Reserve Deployment Failure Amount	N/A	N/A	
104	555.11	RT Over-Collected Losses Distribution Amount	N/A	N/A	
105	555.12	RT Regulation-Down Distribution Amount	N/A	N/A	
106	555.13	RT Regulation Non-Performance Distribution Amount	N/A	N/A	
107	555.14	RT Regulation-Up Distribution Amount	N/A	N/A	
108	555.16	RT Spinning Reserve Distribution Amount	N/A	N/A	
109	555.17	RT Supplemental Reserve Distribution Amount	N/A	N/A	
110	555.2	RT Pseudo Tie Congestion Amount	N/A	N/A	
111	555.21	RT Pseudo Tie Loss Amount	N/A	N/A	
112	555.23	Miscellaneous Amount	N/A	N/A	
113	555.26	ARR Closeout Yearly Amount	N/A	N/A	
114	555.28	RT Demand Reduction Distribution Amount	N/A	N/A	
115	555.29	RT Schedule 1A3 Amount	N/A	N/A	
116	555.30	RT Schedule 1A4 Amount	N/A	N/A	
117	555.31	DA Ramp Up Distribution Amount	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	555.33	RT Ramp Non Performance Distribution Amount	N/A	N/A	New charge type in 2022
120	555.34	RT Ramp Up Distribution Amount	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
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	N/A	
125		<b>Total SPP Wholesale Market Charges</b>			
126					
127		<b>MISO ASM</b>			
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		<b>Total MISO ASM</b>			
145					
146		<b>Total Wholesale Market Charges</b>			
147					
148					
149		<b>Purchased Power</b>			
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 DATA ENDS]		
161		<b>Total Purchases</b>	\$	32.01	\$ 23.37
162					Tribal (WAPA) excluded from Total
163		<b>Wind Curtailment</b>	\$	11.86	\$ 41.26
164					
165		<b>Asset Based Sales</b>		0	\$ 35.10
166		Fuel Costs	N/A	N/A	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
167		Asset Based Margins	N/A	N/A	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
168					
169		<b>Steam Plant Reagents</b>	N/A	N/A	Effective July 2022 - Docket No. E017/GR-20-719
170					
171		<b>Steam/Water Sales</b>	N/A	N/A	Effective July 2022 - Docket No. E017/GR-20-719
172					
173		<b>Planning Resource Auction Revenues</b>	N/A	N/A	Effective June 2022
174					
175		<b>Total System - Plant Level</b>	\$	24.50	\$ 16.37
					Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

December 2024 Forecast to Actual - Expense (Revenue)						
Line	Plant Generation	December 2024 Forecast	December 2024 Actual			Notes
1	Big Stone	[PROTECTED DATA BEGINS...]				
2	Coyote					
3	Hoot Lake #2					Hoot Lake plant closed in May 2021
4	Hoot Lake #3					
5						
6		Total Coal	\$ 5,771,986	\$ 4,825,304	\$ (946,682)	-16.40%
7		[PROTECTED DATA BEGINS...]				
8	Langdon Wind					
9	Ashtabula Wind					
10	Luverne Wind					
11	Merricourt					
12						
13		Total Wind	\$ -	\$ -	\$ -	0
14						
15		Total Hydro	\$ -	\$ -	\$ -	0
16		[PROTECTED DATA BEGINS...]				
17	Jamestown 1					
18	Jamestown 2					
19	Lake Preston					
20						
21		Total Oil - Peaking Units	\$ -	\$ 31,761	\$ 31,761	0
22		[PROTECTED DATA BEGINS...]				
23	Natural gas - Solway					
24	Natural gas - Astoria					
25						
26		Total Natural Gas	\$ 265,194	\$ 2,210,756	\$ 1,945,562	733.64%
27		[PROTECTED DATA BEGINS...]				
28	Solar - Blue Jay					
29	Solar - Blue Heron					
30	Solar - Hoot Lake					
31						
32		Total Solar	\$ -	\$ -	\$ -	0
33						
34		Total OTP-Owned	\$ 6,037,181	\$ 7,067,821	\$ 1,030,640	17.07%
35						
36	Wholesale Market Charges					
37	MISO Wholesale Market Charges					
38	555.02 DA Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
39	555.04 DA FBT Loss Amount	\$ -	\$ -	\$ -	0	
40	555.09 DA Non-asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
41	555.19 RT Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
42	555.24 RT Distribution of Losses Amount	\$ (408,671)	\$ (249,579)	\$ 159,092	-38.93%	
43	555.21 RT FBT Loss Amount	\$ -	\$ -	\$ -	0	
44	DA Loss Amount	\$ 1,033,486	\$ 977,932	\$ (55,554)	-5.38%	
45	RT Loss Amount	\$ 59,134	\$ 106,884	\$ 47,750	80.75%	
46	555.26 RT Non-Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
47	555.08 DA Losses Rebate on Option B GFA	\$ -	\$ -	\$ -	0	
48	555.12 DA Virtual Energy Amount	\$ -	\$ -	\$ -	0	
49	555.32 RT Virtual Energy Amount	\$ -	\$ -	\$ -	0	
50	555.01 DA Mkt Admin Amount	\$ 78,071	\$ 99,736	\$ 21,665	27.75%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
51	555.18 RT Mkt Admin Amount	\$ 11,702	\$ 10,771	\$ (931)	-7.95%	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	555.03 DA FBT Congestion Amount	\$ -	\$ -	\$ -	0	
54	DA Congestion	\$ 2,993,851	\$ 1,767,367	\$ (1,226,484)	-40.97%	
55	555.20 RT FBT Congestion Amount	\$ -	\$ -	\$ -	0	
56	RT Congestion	\$ 327,331	\$ 325,633	\$ (1,699)	-0.52%	
57	555.14 FTR Hourly Allocation Amount	\$ (3,619,815)	\$ (2,668,471)	\$ 951,398	-26.28%	
58	555.15 FTR Monthly Allocation Amount	\$ (66,637)	\$ (69,690)	\$ 18,947	-21.38%	
59	555.17 FTR Yearly Allocation Amount	\$ -	\$ -	\$ -	0	
60	555.35 FTR Monthly Transaction Amount	\$ -	\$ -	\$ -	0	
61	555.36 FTR Full Funding Guarantee Amount	\$ (105,755)	\$ 12,692	\$ 118,447	-112.00%	
62	555.37 FTR Guarantee Uplift Amount	\$ 121,282	\$ (12,692)	\$ (133,974)	-110.46%	
63	555.39 FTR Auction Revenue Rights Transaction Amount	\$ (4,483,052)	\$ (3,196,807)	\$ 1,286,245	-28.69%	
64	555.38 FTR Annual Transaction Amount	\$ 4,483,382	\$ 3,172,567	\$ (1,307,155)	-29.19%	
65	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	\$ 8,286	\$ 13,560	\$ 5,274	63.64%	
66	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	\$ (87,458)	\$ (204,332)	\$ (116,874)	133.63%	
67	555.07 DA Congestion Rebate on Option B GFA	\$ -	\$ -	\$ -	0	
68	555.10 DA Revenue Sufficiency Guarantee Distribution Amount	\$ 18,885	\$ 14,786	\$ (4,099)	-21.70%	
69	555.11 DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (7,556)	\$ (947)	\$ 6,610	-87.47%	
70	555.29 RT Revenue Sufficiency Guarantee First Pass Distribution Amount	\$ 53,082	\$ 12,576	\$ (40,505)	-76.31%	
71	555.30 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (229,119)	\$ (18,689)	\$ 207,808	-100.00%	
72	555.42 RT Price Volatility Make Whole Payment	\$ (55,542)	\$ (18,689)	\$ 36,854	-66.35%	
73	555.28 RT Revenue Neutrality Uplift Amount	\$ 117,809	\$ 139,869	\$ 22,060	18.73%	
74	555.25 RT Misc Amount	\$ 6,775	\$ (412)	\$ (7,187)	-106.09%	
75	555.27 RT Net Inadvertent Amount	\$ 170	\$ 14,098	\$ 13,929	8201.62%	
76	555.31 RT Uninstructed Deviation Amount	\$ -	\$ -	\$ -	0	
77	555.59 RT Demand Response Allocation Uplift Amount	\$ 24,142	\$ 32,669	\$ 8,527	35.32%	
78	555.63 DA Ramp Product	\$ (3,424)	\$ (10,438)	\$ (7,014)	-204.84%	
79	555.64 RT Ramp Product	\$ (1,960)	\$ 2,055	\$ 4,015	-103.79%	
80	555.65 RT Schedule 49 Cost Distribution Amount	\$ 14,974	\$ 23,814	\$ 8,840	59.03%	
81	555.55 RT ASM Non-Excessive Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
82	555.56 RT ASM Excessive Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
83	555.05 DA Congestion Rebate on COGA	\$ -	\$ -	\$ -	0	
84	555.06 DA Losses Rebate on COGA	\$ -	\$ -	\$ -	0	
85	555.22 RT Congestion Rebate on COGA	\$ -	\$ -	\$ -	0	
86	555.23 RT Loss Rebate on COGA	\$ -	\$ -	\$ -	0	
87	Net Congestion and Losses Adjustment & No DA Generation Schedule	\$ -	\$ (32,835)	\$ (32,835)	0	
88						
89		Total MISO Wholesale Market Charges	\$ 168,579	\$ 149,684	\$ (18,895)	-11.21%
90						Total Excludes Schedule 16 and 17 (Lines 40, 41, 42 Above)
91	SPP Wholesale Market Charges					
92	555.19 DA Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
93	555.03 DA Non-asset Energy Amount	\$ -	\$ -	\$ -	0	
94	555.09 RT Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
95	555.00 RT Non-Asset Energy Amount	\$ -	\$ -	\$ -	0	
96	555.02 DA Make-Whole-Payment Distribution Amount	\$ -	\$ -	\$ -	0	
97	555.10 RT Make-Whole-Payment Distribution Amount	\$ 1,109	\$ 2	\$ (1,107)	-99.84%	
98	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	\$ -	\$ -	\$ -	0	
99	555.15 RT Revenue Neutrality Uplift Distribution Amount	\$ 248	\$ (0)	\$ (248)	-100.16%	
100	555.04 DA Regulation-Down Distribution Amount	\$ 16	\$ (0)	\$ (16)	-99.57%	
101	555.05 DA Regulation-Up Distribution Amount	\$ 62	\$ (0)	\$ (61)	-99.58%	
102	555.06 DA Spinning Reserve Distribution Amount	\$ 74	\$ (0)	\$ (74)	-99.96%	
103	555.07 DA Supplemental Reserve Distribution Amount	\$ 11	\$ (0)	\$ (11)	-99.81%	
104	555.08 RT Contingency Reserve Deployment Failure Amount	\$ (2)	\$ -	\$ 2	-100.00%	
105	555.11 RT Over-Collected Losses Distribution Amount	\$ (36,190)	\$ (12,765)	\$ 23,426	-64.73%	
106	555.12 RT Regulation-Down Distribution Amount	\$ 3	\$ -	\$ (3)	-100.00%	
107	555.13 RT Regulation-Non-Performance Distribution Amount	\$ (2)	\$ (0)	\$ 2	-96.79%	
108	555.14 RT Regulation-Up Distribution Amount	\$ (3)	\$ -	\$ 3	-100.00%	
109	555.16 RT Spinning Reserve Distribution Amount	\$ (1)	\$ -	\$ 1	-100.00%	
110	555.17 RT Supplemental Reserve Distribution Amount	\$ (3)	\$ -	\$ 3	-100.00%	
111	555.20 RT Pseudo Tie Congestion Amount	\$ (104,879)	\$ 254,669	\$ 359,548	-342.82%	
112	555.21 RT Pseudo Tie Loss Amount	\$ (24,457)	\$ 41,906	\$ 66,363	-271.35%	
113	555.23 Miscellaneous Amount	\$ (3)	\$ 0	\$ 3	-103.17%	
114	555.26 ARR Closeout Yearly Amount	\$ -	\$ -	\$ -	0	
115	555.28 RT Demand Reduction Distribution Amount	\$ 0	\$ 0	\$ (0)	-68.21%	
116	555.29 RT Schedule 1A3 Amount	\$ 7	\$ 0	\$ (7)	-99.33%	
117	555.30 RT Schedule 1A4 Amount	\$ 37	\$ 0	\$ (36)	-99.67%	
118	555.31 DA Ramp Up 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 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	555.35 RT Ramp Down Distribution Amount	\$ -	\$ -	\$ -	0	New charge type in 2022
123	555.36 ArrAucTmAOamt	\$ -	\$ -	\$ -	0	New charge type in 2024

124	555.37	RtURDDistAaAmt	\$	-	\$	7	\$	7	0	New charge type in 2024
125	555.01	DA GFA Carve Out Distribution Deployment Daily Amount	\$	28	\$	0	\$	(27)	-99.21%	
126	555.22	DA GFA Carve Out Distribution Deployment Monthly Amount	\$	(0)	\$	(0)	\$	0	-85.71%	
127	555.27	DA GFA Carve Out Distribution Deployment Yearly Amount	\$	-	\$	-	\$	-	0	
128		<b>Total SPP Wholesale Market Charges</b>	\$	<b>(163,879)</b>	\$	<b>283,819</b>	\$	<b>447,698</b>	<b>-273.19%</b>	
129										
130		<b>MISO ASM</b>								
131	555.43	Day Ahead Regulation Amount	\$	(18,849)	\$	(102,124)	\$	(83,274)	441.79%	
132	555.46	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	555.45	Day Ahead Supplemental Reserve Amount	\$	(20,603)	\$	(12,417)	\$	8,186	-39.73%	
141	555.48	Real Time Supplemental Reserve Amount	\$	156,910	\$	(6,297)	\$	(163,207)	-104.01%	
142	555.54	Supplemental Reserve Cost Distribution Amount	\$	1,343	\$	3,496	\$	2,153	160.36%	
143	555.51	Contingency Reserve Deployment Failure Charge Amount	\$	3,407	\$	-	\$	(3,407)	-100.00%	
144	555.5	Real Time Excessive Deficient Energy Deployment Charge Amount	\$	1,927	\$	23,221	\$	21,294	1104.77%	
145	555.69	Short-Term Reserve Deployment Failure Charge Amount	\$	-	\$	1,926	\$	1,926	0	
146	555.49	Net Regulation Adjustment Amount	\$	1,016	\$	3,310	\$	2,294	225.89%	
147		<b>Total MISO ASM</b>	\$	<b>81,037</b>	\$	<b>(152,627)</b>	\$	<b>(233,664)</b>	<b>-288.34%</b>	
148										
149		<b>Total Wholesale Market Charges</b>	\$	<b>85,737</b>	\$	<b>280,876</b>	\$	<b>195,140</b>	<b>227.60%</b>	
150										
151										
152		<b>Purchased Power</b>								
153										
154		Edgeley PPA								
155		Langdon PPA								
156		Ashitabula 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
163										
164		<b>Total Purchases</b>	\$	<b>10,859,327</b>	\$	<b>10,809,935</b>	\$	<b>(49,392)</b>	<b>-0.45%</b>	Tribal (WAPA) excluded from Total
165										
166		<b>Wind Curtailment</b>	\$	<b>8,081</b>	\$	<b>28,432</b>	\$	<b>20,351</b>	<b>251.83%</b>	
167										
168		<b>Asset Based Sales</b>	\$	<b>(159,459)</b>	\$	<b>(1,818,111)</b>	\$	<b>(1,658,652)</b>	<b>1040.17%</b>	Credit to MN FCA Calculation - Subtracted from Total
169		Fuel Costs	\$	(74,240)	\$	(1,209,138)	\$	(1,134,899)	1528.70%	
170		Asset Based Margins	\$	(85,219)	\$	(608,973)	\$	(523,753)	614.59%	
171										
172		<b>Hoot Lake Solar Generation Credit</b>	\$	<b>(116,241)</b>	\$	<b>(62,788)</b>	\$	<b>53,453</b>	<b>(0)</b>	Effective January 2023
173										
174		<b>Steam Plant Reagents</b>	\$	<b>297,516</b>	\$	<b>437,802</b>	\$	<b>140,286</b>	<b>0</b>	Effective July 2022 - Docket No. E017/GR-20-719
175										
176		<b>Steam/Water Sales</b>	\$	<b>(110,642)</b>	\$	<b>(104,812)</b>	\$	<b>5,830</b>	<b>(0)</b>	Effective July 2022 - Docket No. E017/GR-20-719
177										
178		<b>Planning Resource Auction Revenues</b>	\$	<b>-</b>	\$	<b>(23,490)</b>	\$	<b>-</b>	<b>0</b>	Effective June 2022
179										
180		<b>Total System - Plant Level</b>	\$	<b>16,901,500</b>	\$	<b>16,615,665</b>	\$	<b>(285,835)</b>	<b>-1.69%</b>	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

\*\*\* These energy related charge types are reported in Market Purchases

		December 2024 Forecast to Actual - MWh		Notes
Line	Plant Generation	December 2024 Forecast	December 2024 Actual	
1	Big Stone	[PROTECTED DATA BEGINS...]		
2	Coyote			
3	Hoot Lake #2			Hoot Lake plant closed in May 2021
4	Hoot Lake #3			
5		...PROTECTED DATA ENDS]		
6	Total Coal	227,851	188,547	
7		[PROTECTED DATA BEGINS...]		
8	Langdon Wind			
9	Ashtabula Wind			
10	Ashtabula III			
11	Luverne Wind			
12	Merricourt			
13		...PROTECTED DATA ENDS]		
14	Total Wind and Solar	111,073	102,452	
15				
16	Total Hydro	1,699	725	
17		[PROTECTED DATA BEGINS...]		
18	Jamestown 1			
19	Jamestown 2			
20	Lake Preston			
21		...PROTECTED DATA ENDS]		
22	Total Oil - Peaking Units		11	
23		[PROTECTED DATA BEGINS...]		
24	Natural gas - Solway			
25	Natural gas - Astoria			
26		...PROTECTED DATA ENDS]		
27	Total Natural Gas	5,229	60,860	
28		[PROTECTED DATA BEGINS...]		
29	Solar - Blue Jay			
30	Solar - Blue Heron			
31	Solar - Hoot Lake			
32	Solar - Red Lake Falls Area SB Solar			
33	Solar - Karlstad Area SB			
34	Solar - Crookston Area SB			
35		...PROTECTED DATA ENDS]		
36	Total Solar	2,562	1,560	
37				
38	Total OTP-Owned	345,852	354,154	
39				
40	Wholesale Market Charges			
41	MISO Wholesale Market Charges			
42	555.02 DA Asset Energy Amount**	N/A	N/A	
43	555.04 DA FBT Loss Amount	N/A	N/A	
44	555.09 DA Non-asset Energy Amount***	N/A	N/A	
45	555.19 RT Asset Energy Amount***	N/A	N/A	
46	555.24 RT Distribution of Losses Amount	N/A	N/A	
47	555.21 RT FBT Loss Amount	N/A	N/A	
48	DA Loss Amount	N/A	N/A	
49	RT Loss Amount	N/A	N/A	
50	555.26 RT Non-Asset Energy Amount***	N/A	N/A	
51	555.08 DA Losses Rebate on Option B GFA	N/A	N/A	
52	555.12 DA Virtual Energy Amount	N/A	N/A	
53	555.32 RT Virtual Energy Amount	N/A	N/A	
54	555.01 DA Mkt Admin Amount	N/A	N/A	
55	555.18 RT Mkt Admin Amount	N/A	N/A	
56	555.13 FTR Mkt Admin Amount	N/A	N/A	
57	555.03 DA FBT Congestion Amount	N/A	N/A	
58	DA Congestion	N/A	N/A	
59	555.2 RT FBT Congestion Amount	N/A	N/A	
60	RT Congestion	N/A	N/A	
61	555.14 FTR Hourly Allocation Amount	N/A	N/A	
62	555.15 FTR Monthly Allocation Amount	N/A	N/A	
63	555.17 FTR Yearly Allocation Amount	N/A	N/A	
64	555.36 FTR Monthly Transaction Amount	N/A	N/A	
65	555.36 FTR Full Funding Guarantee Amount	N/A	N/A	
66	555.37 FTR Guarantee Uplift Amount	N/A	N/A	
67	555.39 FTR Auction Revenue Rights Transaction Amount	N/A	N/A	
68	555.38 FTR Annual Transaction Amount	N/A	N/A	
69	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A	
70	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A	
71	555.07 DA Congestion Rebate on Option B GFA	N/A	N/A	
72	555.1 DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
73	555.11 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	555.3 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
76	555.42 RT Price Volatility Make Whole Payment	N/A	N/A	
77	555.28 RT Revenue Neutrality Uplift Amount	N/A	N/A	
78	555.25 RT Misc Amount	N/A	N/A	
79	555.27 RT Net Inadvertent Amount	N/A	N/A	
80	555.31 RT Uninstructed Deviation Amount	N/A	N/A	
81	555.59 RT Demand Response Allocation Uplift Amount	N/A	N/A	
82	555.63 DA Ramp Product	N/A	N/A	
83	555.64 RT Ramp Product	N/A	N/A	
84	555.65 RT Schedule 49 Cost Distribution Amount	N/A	N/A	
85	555.55 RT ASM Non-Excessive Energy Amount***	N/A	N/A	
86	555.56 RT ASM Excessive Energy Amount***	N/A	N/A	
87	555.05 DA Congestion Rebate on COGA	N/A	N/A	
88	555.06 DA Losses Rebate on COGA	N/A	N/A	
89	555.22 RT Congestion Rebate on COGA	N/A	N/A	
90	555.23 RT Loss Rebate on COGA	N/A	N/A	
91	Net Congestion and Losses Adjustment & No DA Generation Sched.	N/A	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	555.03 DA Non-asset Energy Amount	N/A	N/A	
98	555.09 RT Asset Energy Amount***	N/A	N/A	
99	555 RT Non-Asset Energy Amount	N/A	N/A	
100	555.02 DA Make-Whole-Payment Distribution Amount	N/A	N/A	
101	555.1 RT Make-Whole-Payment Distribution Amount	N/A	N/A	
102	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
103	555.15 RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A	
104	555.04 DA Regulation-Down Distribution Amount	N/A	N/A	
105	555.05 DA Regulation-Up Distribution Amount	N/A	N/A	
106	555.06 DA Spinning Reserve Distribution Amount	N/A	N/A	
107	555.07 DA Supplemental Reserve Distribution Amount	N/A	N/A	
108	555.08 RT Contingency Reserve Deployment Failure Amount	N/A	N/A	
109	555.11 RT Over-Collected Losses Distribution Amount	N/A	N/A	
110	555.12 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 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	555.21 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 Demand Reduction Distribution Amount	N/A	N/A	
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	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	555.34	RT Ramp Up Distribution Amount	N/A	N/A	New charge type in 2022
126	555.35	RT Ramp Down Distribution Amount	N/A	N/A	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		<b>Total SPP Wholesale Market Charges</b>			
131					
132		<b>MISO ASM</b>			
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		<b>Total MISO ASM</b>			
150					
151		<b>Total Wholesale Market Charges</b>			
152					
153					
154		<b>Purchased Power</b>			
155			[PROTECTED DATA 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			...PROTECTED DATA ENDS]		
166		<b>Total Purchases</b>	<b>254,606</b>	<b>291,098</b>	Tribal (WAPA) excluded from Total
167					
168		<b>Wind Curtailment</b>	<b>(112)</b>	<b>725</b>	
169					
170		<b>Asset Based Sales</b>	<b>(2,866)</b>	<b>(38,882)</b>	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
172		Asset Based Margins			Fuel Cost MWh and Margin MWh are not separated - Need to compare total Asset Based Sales
173					
174		<b>Steam Plant Reagents</b>	-	-	Effective July 2022 - Docket No. E017/GR-20-719
175					
176		<b>Steam/Water Sales</b>	-	-	Effective July 2022 - Docket No. E017/GR-20-719
177					
178		<b>Planning Resource Auction Revenues</b>	-	-	Effective June 2022
179					
180		<b>Total System - Plant Level</b>	<b>597,480</b>	<b>607,096</b>	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

		December 2024 Forecast to Actual - \$ per MWh			Notes
Line	Plant Generation	December 2024 Forecast	December 2024 Actual		
1	Big Stone	[PROTECTED DATA BEGINS...]			
2	Coyote				
3					
4		Total Coal	\$ 25.33	\$ 25.59	
5		[PROTECTED DATA BEGINS...]			
6	Langdon Wind				
7	Ashtabula Wind				
8	Ashtabula III				
9	Luverne Wind				
10	Merricourt				
11					
12		Total Wind	\$ -	\$ -	
13					
14		Total Hydro	\$ -	\$ -	
15		[PROTECTED DATA BEGINS...]			
16	Jamestown 1				
17	Jamestown 2				
18	Lake Preston				
19					
20		Total Oil - Peaking Units	\$ -	\$ -	
21		[PROTECTED DATA BEGINS...]			
22	Natural gas - Solway				
23	Natural gas - Astoria				
24					
25		Total Natural Gas	\$ 50.72	\$ 36.32	
26		[PROTECTED DATA BEGINS...]			
27	Solar - Blue Jay				
28	Solar - Blue Heron				
29	Solar - Hoot Lake				
30					
31		Total Solar	\$ -	\$ 0	
32					
33		Total OTP-Owned	\$ 76.05	\$ 61.92	
34					
35	<b>Wholesale Market Charges</b>				
36	<b>MISO Wholesale Market Charges</b>				
37	555.02	DA Asset Energy Amount***	N/A	N/A	
38	555.04	DA FBT Loss Amount	N/A	N/A	
39	555.09	DA Non-asset Energy Amount***	N/A	N/A	
40	555.19	RT Asset Energy Amount***	N/A	N/A	
41	555.24	RT Distribution of Losses Amount	N/A	N/A	
42	555.21	RT FBT Loss Amount	N/A	N/A	
43		DA Loss Amount	N/A	N/A	
44		RT Loss Amount	N/A	N/A	
45	555.26	RT Non-Asset Energy Amount***	N/A	N/A	
46	555.08	DA Losses Rebate on Option B GFA	N/A	N/A	
47	555.12	DA Virtual Energy Amount	N/A	N/A	
48	555.32	RT Virtual Energy Amount	N/A	N/A	
49	555.01	DA Mkt Admin Amount	N/A	N/A	
50	555.18	RT Mkt Admin Amount	N/A	N/A	
51	555.13	FTR Mkt Admin Amount	N/A	N/A	
52	555.03	DA FBT Congestion Amount	N/A	N/A	
53		DA Congestion	N/A	N/A	
54	555.2	RT FBT Congestion Amount	N/A	N/A	
55		RT Congestion	N/A	N/A	
56	555.14	FTR Hourly Allocation Amount	N/A	N/A	
57	555.15	FTR Monthly Allocation Amount	N/A	N/A	
58	555.17	FTR Yearly Allocation Amount	N/A	N/A	
59	555.35	FTR Monthly Transaction Amount	N/A	N/A	
60	555.36	FTR Full Funding Guarantee Amount	N/A	N/A	
61	555.37	FTR Guarantee Uplift Amount	N/A	N/A	
62	555.39	FTR Auction Revenue Rights Transaction Amount	N/A	N/A	
63	555.38	FTR Annual Transaction Amount	N/A	N/A	
64	555.40	FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A	
65	555.41	FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A	
66	555.07	DA Congestion Rebate on Option B GFA	N/A	N/A	
67	555.1	DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
68	555.11	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
69	555.29	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	N/A	N/A	
70	555.3	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
71	555.42	RT Price Volatility Make Whole Payment	N/A	N/A	
72	555.28	RT Revenue Neutrality Uplift Amount	N/A	N/A	
73	555.25	RT Misc Amount	N/A	N/A	
74	555.27	RT Net Inadvertent Amount	N/A	N/A	
75	555.31	RT Uninstructed Deviation Amount	N/A	N/A	
76	555.59	RT Demand Response Allocation Uplift Amount	N/A	N/A	
77	555.63	DA Ramp Product	N/A	N/A	
78	555.64	RT Ramp Product	N/A	N/A	
79	555.65	RT Schedule 49 Cost Distribution Amount	N/A	N/A	
80	555.55	RT ASM Non-Excessive Energy Amount***	N/A	N/A	
81	555.56	RT ASM Excessive Energy Amount***	N/A	N/A	
82	555.05	DA Congestion Rebate on COGA	N/A	N/A	
83	555.06	DA Losses Rebate on COGA	N/A	N/A	
84	555.22	RT Congestion Rebate on COGA	N/A	N/A	
85	555.23	RT Loss Rebate on COGA	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		<b>SPP Wholesale Market Charges</b>			
91	555.19	DA Asset Energy Amount***	N/A	N/A	
92	555.03	DA Non-asset Energy Amount	N/A	N/A	
93	555.09	RT Asset Energy Amount***	N/A	N/A	
94	555	RT Non-Asset Energy Amount	N/A	N/A	
95	555.02	DA Make-Whole-Payment Distribution Amount	N/A	N/A	
96	555.1	RT Make-Whole-Payment Distribution Amount	N/A	N/A	
97	555.18	RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
98	555.15	RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A	
99	555.04	DA Regulation-Down Distribution Amount	N/A	N/A	
100	555.05	DA Regulation-Up Distribution Amount	N/A	N/A	
101	555.06	DA Spinning Reserve Distribution Amount	N/A	N/A	
102	555.07	DA Supplemental Reserve Distribution Amount	N/A	N/A	
103	555.08	RT Contingency Reserve Deployment Failure Amount	N/A	N/A	
104	555.11	RT Over-Collected Losses Distribution Amount	N/A	N/A	
105	555.12	RT Regulation-Down Distribution Amount	N/A	N/A	
106	555.13	RT Regulation Non-Performance Distribution Amount	N/A	N/A	
107	555.14	RT Regulation-Up Distribution Amount	N/A	N/A	
108	555.16	RT Spinning Reserve Distribution Amount	N/A	N/A	
109	555.17	RT Supplemental Reserve Distribution Amount	N/A	N/A	
110	555.2	RT Pseudo Tie Congestion Amount	N/A	N/A	
111	555.21	RT Pseudo Tie Loss Amount	N/A	N/A	
112	555.23	Miscellaneous Amount	N/A	N/A	
113	555.26	ARR Closeout Yearly Amount	N/A	N/A	
114	555.28	RT Demand Reduction Distribution Amount	N/A	N/A	
115	555.29	RT Schedule 1A3 Amount	N/A	N/A	
116	555.30	RT Schedule 1A4 Amount	N/A	N/A	
117	555.31	DA Ramp Up Distribution Amount	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	555.33	RT Ramp Non Performance Distribution Amount	N/A	N/A	New charge type in 2022
120	555.34	RT Ramp Up Distribution Amount	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
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	N/A	
125		<b>Total SPP Wholesale Market Charges</b>			
126					
127		<b>MISO ASM</b>			
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		<b>Total MISO ASM</b>			
145					
146		<b>Total Wholesale Market Charges</b>			
147					
148					
149		<b>Purchased Power</b>			
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 DATA ENDS		
161		<b>Total Purchases</b>	\$	42.65	\$ 37.14
162					Tribal (WAPA) excluded from Total
163		<b>Wind Curtailment</b>	\$	(72.16)	\$ 39.19
164					
165		<b>Asset Based Sales</b>	\$	55.63	\$ 46.76
166		Fuel Costs	N/A	N/A	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
167		Asset Based Margins	N/A	N/A	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
168					
169		<b>Steam Plant Reagents</b>	N/A	N/A	Effective July 2022 - Docket No. E017/GR-20-719
170					
171		<b>Steam/Water Sales</b>	N/A	N/A	Effective July 2022 - Docket No. E017/GR-20-719
172					
173		<b>Planning Resource Auction Revenues</b>	N/A	N/A	Effective June 2022
174					
175		<b>Total System - Plant Level</b>	\$	28.29	\$ 27.37
					Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

Year to Date 2024 Forecast to Actual - Expense (Revenue)						Notes
Line	Plant Generation	YTD 2024 Forecast	YTD 2024 Actual			
1	Big Stone	[PROTECTED DATA BEGINS...]				
2	Coyote					
3	Hoot Lake #2					Hoot Lake plant closed in May 2021
4	Hoot Lake #3					
5					...[PROTECTED DATA ENDS]	
6	Total Coal	\$ 50,025,631	\$ 45,963,914	\$ (4,061,716)	-8.12%	
7		[PROTECTED DATA BEGINS...]				
8	Langdon Wind					
9	Ashtabula Wind					
10	Luverne Wind					
11	Merricourt					
12					...[PROTECTED DATA ENDS]	
13	Total Wind	\$ -	\$ -	\$ -	0	
14						
15	Total Hydro	\$ -	\$ -	\$ -	0	
16		[PROTECTED DATA BEGINS...]				
17	Jamestown 1					
18	Jamestown 2					
19	Lake Preston					
20					...[PROTECTED DATA ENDS]	
21	Total Oil - Peaking Units	\$ 543,176	\$ 193,931	\$ (349,245)	-64.30%	
22		[PROTECTED DATA BEGINS...]				
23	Natural gas - Solway					
24	Natural gas - Astoria					
25					...[PROTECTED DATA ENDS]	
26	Total Natural Gas	\$ 9,759,675	\$ 14,787,317	\$ 5,027,642	51.51%	
27		[PROTECTED DATA BEGINS...]				
28	Solar - Blue Jay					
29	Solar - Blue Heron					
30	Solar - Hoot Lake					
31					...[PROTECTED DATA ENDS]	
32	Total Solar	\$ -	\$ -	\$ -	0	
33						
34	Total OTP-Owned	\$ 60,328,482	\$ 60,945,162	\$ 616,680	1.02%	
35						
36						
37	Wholesale Market Charges					
38	MISO Wholesale Market Charges					
39	555.02 DA Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
40	555.04 DA FBT Loss Amount	\$ -	\$ -	\$ -	0	
41	555.09 DA Non-asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
42	555.19 RT Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
43	555.24 RT Distribution of Losses Amount	\$ (4,139,337)	\$ (2,461,080)	\$ 1,678,257	-40.54%	
44	555.21 RT FBT Loss Amount	\$ -	\$ -	\$ -	0	
45	DA Loss Amount	\$ 10,467,937	\$ 6,686,297	\$ (3,781,641)	-36.13%	
46	RT Loss Amount	\$ 598,952	\$ 503,343	\$ (95,609)	-15.96%	
47	555.26 RT Non-Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
48	555.08 DA Losses Rebate on Option B GFA	\$ -	\$ -	\$ -	0	
49	555.12 DA Virtual Energy Amount	\$ -	\$ -	\$ -	0	
50	555.32 RT Virtual Energy Amount	\$ -	\$ -	\$ -	0	
51	555.01 DA Mkt Admin Amount	\$ 798,298	\$ 805,219	\$ 6,921	0.87%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
52	555.18 RT Mkt Admin Amount	\$ 124,628	\$ 108,244	\$ (16,385)	-13.15%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
53	555.13 FTR Mkt Admin Amount	\$ 24,495	\$ 16,099	\$ (8,396)	-34.28%	Excluded from Total MISO Wholesale Market Charges - Not MN EAR Applicable
54	555.03 DA FBT Congestion Amount	\$ -	\$ -	\$ -	0	
55	DA Congestion	\$ 30,324,032	\$ 19,544,185	\$ (10,779,848)	-35.55%	
56	555.20 RT FBT Congestion Amount	\$ -	\$ -	\$ -	0	
57	555.14 FTR Congestion	\$ 3,315,465	\$ 1,422,744	\$ (1,892,721)	-57.09%	
58	555.15 FTR Monthly Allocation Amount	\$ (36,664,271)	\$ (40,949,836)	\$ (4,285,565)	11.69%	
59	555.17 FTR Yearly Allocation Amount	\$ (897,782)	\$ (1,068,195)	\$ (170,413)	18.98%	
60	555.35 FTR Monthly Transaction Amount	\$ (296,474)	\$ (562,661)	\$ (266,187)	89.78%	
61	555.36 FTR Full Funding Guarantee Amount	\$ -	\$ -	\$ -	0	
62	555.37 FTR Guarantee Uplift Amount	\$ (68,971)	\$ (438,744)	\$ (369,773)	536.13%	
63	555.39 FTR Auction Revenue Rights Transaction Amount	\$ 71,986	\$ 350,646	\$ 278,660	387.10%	
64	555.38 FTR Annual Transaction Amount	\$ (46,232,024)	\$ (51,991,561)	\$ (5,759,537)	12.46%	
65	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	\$ 46,158,237	\$ 49,913,421	\$ 3,755,184	8.13%	
66	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	\$ 170,074	\$ 141,612	\$ (28,463)	-16.74%	
67	555.07 DA Congestion Rebate on Option B GFA	\$ (962,327)	\$ (2,380,975)	\$ (1,418,648)	147.42%	
68	555.10 DA Revenue Sufficiency Guarantee Distribution Amount	\$ (0)	\$ -	\$ 0	-100.00%	
69	555.11 DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ 195,528	\$ 110,681	\$ (84,847)	-43.39%	
70	555.29 RT Revenue Sufficiency Guarantee First Pass Distribution Amount	\$ (141,531)	\$ (62,496)	\$ 79,035	-55.84%	
71	555.30 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ 636,982	\$ 78,460	\$ (558,521)	-87.68%	
72	555.42 RT Price Volatility Make Whole Payment	\$ (2,749,427)	\$ (40,949,836)	\$ 2,749,427	-100.00%	
73	555.28 RT Revenue Neutrality Uplift Amount	\$ (666,508)	\$ (368,654)	\$ 297,854	-44.69%	
74	555.25 RT Misc Amount	\$ 1,413,707	\$ 1,700,473	\$ 286,766	20.28%	
75	555.27 RT Net Inadvertent Amount	\$ 81,297	\$ (629,770)	\$ (711,067)	-874.65%	
76	555.31 RT Uninstructed Deviation Amount	\$ 2,038	\$ (23,455)	\$ (25,493)	-1250.94%	
77	555.59 RT Demand Response Allocation Uplift Amount	\$ -	\$ -	\$ -	0	
78	555.63 DA Ramp Product	\$ 261,536	\$ 62,342	\$ (199,194)	-76.16%	
79	555.64 RT Ramp Product	\$ (32,056)	\$ (133,647)	\$ (101,591)	316.92%	
80	555.65 RT Schedule 49 Cost Distribution Amount	\$ (13,003)	\$ (8,310)	\$ 4,693	-36.00%	
81	555.55 RT ASM Non-Excessive Energy Amount***	\$ 179,689	\$ 262,553	\$ 82,863	46.11%	
82	555.56 RT ASM Excessive Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
83	555.05 DA Congestion Rebate on COGA	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
84	555.06 DA Losses Rebate on COGA	\$ -	\$ -	\$ -	0	
85	555.22 RT Congestion Rebate on COGA	\$ -	\$ -	\$ -	0	
86	555.23 RT Loss Rebate on COGA	\$ -	\$ -	\$ -	0	
87	Net Congestion and Losses Adjustment & No DA Generation Schedule	\$ -	\$ (5,368,265)	\$ (5,368,265)	0	
88						
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	555.19 DA Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
93	555.03 DA Non-asset Energy Amount	\$ -	\$ -	\$ -	0	
94	555.09 RT Asset Energy Amount***	\$ -	\$ -	\$ -	0	Energy Amounts - included/embedded within Market Purchases
95	555.19 RT Non-Asset Energy Amount	\$ -	\$ -	\$ -	0	
96	555.02 DA Make-Whole-Payment Distribution Amount	\$ -	\$ -	\$ -	0	
97	555.1 RT Make-Whole-Payment Distribution Amount	\$ 13,303	\$ 564	\$ (12,739)	-95.76%	
98	555.18 RT Revenue Sufficiency Guarantee Distribution Amount	\$ -	\$ -	\$ -	0	
99	555.15 RT Revenue Neutrality Uplift Distribution Amount	\$ 2,970	\$ 342	\$ (2,628)	-88.48%	
100	555.04 DA Regulation-Down Distribution Amount	\$ 198	\$ 49	\$ 149	75.11%	
101	555.05 DA Regulation-Up Distribution Amount	\$ 738	\$ 97	\$ (641)	-86.90%	
102	555.06 DA Spinning Reserve Distribution Amount	\$ 892	\$ 49	\$ (844)	-94.53%	
103	555.07 DA Supplemental Reserve Distribution Amount	\$ 127	\$ 14	\$ (113)	-88.94%	
104	555.08 RT Contingency Reserve Deployment Failure Amount	\$ (23)	\$ (0)	\$ 22	-98.36%	
105	555.11 RT Over-Collected Losses Distribution Amount	\$ (366,563)	\$ (115,404)	\$ 251,159	-68.52%	
106	555.12 RT Regulation-Down Distribution Amount	\$ 36	\$ 8	\$ (28)	-77.73%	
107	555.13 RT Regulation Non-Performance Distribution Amount	\$ (46)	\$ (8)	\$ 38	-19.13%	
108	555.14 RT Regulation-Up Distribution Amount	\$ (37)	\$ (4)	\$ 33	-90.42%	
109	555.16 RT Spinning Reserve Distribution Amount	\$ (12)	\$ 1	\$ 12	-104.68%	
110	555.17 RT Supplemental Reserve Distribution Amount	\$ (37)	\$ (2)	\$ 35	-95.89%	
111	555.2 RT Pseudo Tie Congestion Amount	\$ (1,062,297)	\$ 77,217	\$ 1,139,515	-107.27%	
112	555.21 RT Pseudo Tie Loss Amount	\$ (247,718)	\$ 62,279	\$ 309,997	-125.14%	
113	555.23 Miscellaneous Amount	\$ (30)	\$ 46	\$ 76	-251.30%	
114	555.26 ARR Closeout Yearly Distribution Amount	\$ (138,686)	\$ (267,888)	\$ (129,202)	93.16%	
115	555.28 RT Demand Reduction Distribution Amount	\$ 1	\$ -	\$ (0)	-15.23%	
116	555.29 RT Schedule 1A3 Amount	\$ 89	\$ 15	\$ (75)	-83.51%	
117	555.30 RT Schedule 1A4 Amount	\$ 438	\$ 46	\$ (392)	-89.48%	
118	555.31 DA Ramp Up Distribution Amount	\$ 888	\$ 5	\$ (883)	-99.39%	New charge type in 2022
119	555.32 DA Ramp Down Distribution Amount	\$ -	\$ -	\$ -	0	New charge type in 2022
120	555.33 RT Ramp Non Performance Distribution Amount	\$ (11)	\$ (0)	\$ 11	-98.11%	New charge type in 2022
121	555.34 RT Ramp Up Distribution Amount	\$ (54)	\$ (0)	\$ 54	-99.89%	New charge type in 2022
122	555.35 RT Ramp Down Distribution Amount	\$ (10)	\$ -	\$ 10	-100.00%	New charge type in 2022
123	555.36 ArrAucTxnAoAmt	\$ -	\$ (719,930)	\$ (719,930)	0	

124	555.37	RTURDDistAoAmt	\$	-	\$	(7)	\$	(7)	0	
125	555.01	DA GFA Carve Out Distribution Deployment Daily Amount	\$	333	\$	27	\$	(305)	-91.78%	
126	555.22	DA GFA Carve Out Distribution Deployment Monthly Amount	\$	(2)	\$	(0)	\$	2	-97.80%	
127	555.27	DA GFA Carve Out Distribution Deployment Yearly Amount	\$	(38)	\$	(23)	\$	15	-39.83%	
128		<b>Total SPP Wholesale Market Charges</b>	\$	<b>(1,795,531)</b>	\$	<b>(962,526)</b>	\$	<b>833,006</b>	<b>-46.39%</b>	
129										
130		<b>MISO ASM</b>								
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)	\$	(768,050)	\$	(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	\$	35,463	\$	(8,195)	-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		<b>Total MISO ASM</b>	\$	<b>(328,963)</b>	\$	<b>(1,401,005)</b>	\$	<b>(1,072,043)</b>	<b>325.89%</b>	
148										
149		<b>Total Wholesale Market Charges</b>	\$	<b>(1,109,744)</b>	\$	<b>(28,034,423)</b>	\$	<b>(26,924,680)</b>	<b>2426.21%</b>	
150										
151										
152		<b>Purchased Power</b>								
153										
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
163										
164		<b>Total Purchases</b>	\$	<b>98,478,855</b>	\$	<b>79,571,492</b>	\$	<b>(18,907,363)</b>	<b>-19.20%</b>	Tribal (WAPA) excluded from Total
165										
166		<b>Wind Curtailment</b>	\$	<b>119,370</b>	\$	<b>179,181</b>	\$	<b>59,812</b>	<b>50.11%</b>	
167										
168		<b>Asset Based Sales</b>	\$	<b>(5,445,446)</b>	\$	<b>(4,928,286)</b>	\$	<b>517,161</b>	<b>-9.50%</b>	Credit to MN FCA Calculation - Subtracted from Total
169		Fuel Costs	\$	(2,492,567)	\$	(7,296,914)	\$	(4,804,347)	192.75%	
170		Asset Based Margins	\$	(2,952,880)	\$	2,368,628	\$	5,321,508	-180.21%	
171										
172		<b>Hoot Lake Solar Generation Credit</b>	\$	<b>(3,515,483)</b>	\$	<b>(2,436,877)</b>	\$	<b>1,078,607</b>	<b>\$</b>	Effective January 2023
173										
174		<b>Steam Plant Reagents</b>	\$	<b>2,404,668</b>	\$	<b>2,935,909</b>	\$	<b>531,241</b>	<b>22.09%</b>	Effective July 2022 - Docket No. E017/GR-20-719
175										
176		<b>Steam/Water Sales</b>	\$	<b>(1,184,008)</b>	\$	<b>(1,046,742)</b>	\$	<b>137,266</b>	<b>-11.59%</b>	Effective July 2022 - Docket No. E017/GR-20-719
177										
178		<b>Planning Resource Auction Revenues</b>	\$	<b>-</b>	\$	<b>(471,406)</b>	\$	<b>(471,406)</b>		Effective June 2022
179										
180		<b>Total System - Plant Level</b>	\$	<b>150,076,693</b>	\$	<b>106,714,012</b>	\$	<b>(43,362,681)</b>	<b>-28.89%</b>	Tribal (WAPA) excluded from Total; Asset Based Sales subtracted from Total

\*\*\* These energy related charge types are reported in Market Purchases

Year to Date 2024 Forecast to Actual - MWh					
Line	Plant	Generation	YTD 2024 Forecast	YTD 2024 Actual	Notes
1		Big Stone	[PROTECTED DATA BEGINS...]		
2		Coyote			
3		Hoot Lake #2			Hoot Lake plant closed in May 2021
4		Hoot Lake #3			
5			...PROTECTED DATA ENDS]		
6		Total Coal	1,982,100	1,633,105	
7			[PROTECTED DATA BEGINS...]		
8		Langdon Wind			
9		Ashtabula Wind			
10		Ashtabula III			
11		Luverne Wind			
12		Merricourt			
13			...PROTECTED DATA ENDS]		
14		Total Wind	1,221,220	1,037,092	
15					
16		Total Hydro	20,000	9,592	
17			[PROTECTED DATA BEGINS...]		
18		Jamestown 1			
19		Jamestown 2			
20		Lake Preston			
21			...PROTECTED DATA ENDS]		
22		Total Oil - Peaking Units	2,471	278	
23			[PROTECTED DATA BEGINS...]		
24		Natural gas - Solway			
25		Natural gas - Astoria			
26			...PROTECTED DATA ENDS]		
27		Total Natural Gas	241,349	537,881	
28			[PROTECTED DATA BEGINS...]		
29		Solar - Blue Jay			
30		Solar - Blue Heron			
31		Solar - Hoot Lake			
32		Red Lake Falls Area SB Solar			
33		Karlstad Area SB Solar			
34		Crookston Area SB Solar			
35			...PROTECTED DATA ENDS]		
36		Total Solar	-	72,478	
37					
38		Total OTP-Owned	3,467,141	3,290,425	
39					
40		Wholesale Market Charges			
41		MISO Wholesale Market Charges			
42	555.02	DA Asset Energy Amount***	N/A	N/A	
43	555.04	DA FBT Loss Amount	N/A	N/A	
44	555.09	DA Non-asset Energy Amount***	N/A	N/A	
45	555.19	RT Asset Energy Amount***	N/A	N/A	
46	555.24	RT Distribution of Losses Amount	N/A	N/A	
47	555.21	RT FBT Loss Amount	N/A	N/A	
48		DA Loss Amount	N/A	N/A	
49		RT Loss Amount	N/A	N/A	
50	555.26	RT Non-Asset Energy Amount***	N/A	N/A	
51	555.08	DA Losses Rebate on Option B GFA	N/A	N/A	
52	555.12	DA Virtual Energy Amount	N/A	N/A	
53	555.32	RT Virtual Energy Amount	N/A	N/A	
54	555.01	DA Mkt Admin Amount	N/A	N/A	
55	555.18	RT Mkt Admin Amount	N/A	N/A	
56	555.13	FTR Mkt Admin Amount	N/A	N/A	
57	555.03	DA FBT Congestion Amount	N/A	N/A	
58		DA Congestion	N/A	N/A	
59	555.2	RT FBT Congestion Amount	N/A	N/A	
60		RT Congestion	N/A	N/A	
61	555.14	FTR Hourly Allocation Amount	N/A	N/A	
62	555.15	FTR Monthly Allocation Amount	N/A	N/A	
63	555.17	FTR Yearly Allocation Amount	N/A	N/A	
64	555.35	FTR Monthly Transaction Amount	N/A	N/A	
65	555.36	FTR Full Funding Guarantee Amount	N/A	N/A	
66	555.37	FTR Guarantee Uplift Amount	N/A	N/A	
67	555.39	FTR Auction Revenue Rights Transaction Amount	N/A	N/A	
68	555.38	FTR Annual Transaction Amount	N/A	N/A	
69	555.40	FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A	
70	555.41	FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A	
71	555.07	DA Congestion Rebate on Option B GFA	N/A	N/A	
72	555.1	DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
73	555.11	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	555.3	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A	
76	555.42	RT Price Volatility Make Whole Payment	N/A	N/A	
77	555.28	RT Revenue Neutrality Uplift Amount	N/A	N/A	
78	555.25	RT Misc Amount	N/A	N/A	
79	555.27	RT Net Inadvertent Amount	N/A	N/A	
80	555.31	RT Uninstructed Deviation Amount	N/A	N/A	
81	555.59	RT Demand Response Allocation Uplift Amount	N/A	N/A	
82	555.63	DA Ramp Product	N/A	N/A	
83	555.64	RT Ramp Product	N/A	N/A	
84	555.65	RT Schedule 49 Cost Distribution Amount	N/A	N/A	
85	555.55	RT ASM Non-Excessive Energy Amount***	N/A	N/A	
86	555.56	RT ASM Excessive Energy Amount***	N/A	N/A	
87	555.05	DA Congestion Rebate on COGA	N/A	N/A	
88	555.06	DA Losses Rebate on COGA	N/A	N/A	
89	555.22	RT Congestion Rebate on COGA	N/A	N/A	
90	555.23	RT Loss Rebate on COGA	N/A	N/A	
91		Net Congestion and Losses Adjustment & No DA Generation Sche	N/A	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	555.03	DA Non-asset Energy Amount	N/A	N/A	
98	555.09	RT Asset Energy Amount***	N/A	N/A	
99	555	RT Non-Asset Energy Amount	N/A	N/A	
100	555.02	DA Make-Whole-Payment Distribution Amount	N/A	N/A	
101	555.1	RT Make-Whole-Payment Distribution Amount	N/A	N/A	
102	555.18	RT Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A	
103	555.15	RT Revenue Neutrality Uplift Distribution Amount	N/A	N/A	
104	555.04	DA Regulation-Down Distribution Amount	N/A	N/A	
105	555.05	DA Regulation-Up Distribution Amount	N/A	N/A	
106	555.06	DA Spinning Reserve Distribution Amount	N/A	N/A	
107	555.07	DA Supplemental Reserve Distribution Amount	N/A	N/A	
108	555.08	RT Contingency Reserve Deployment Failure Amount	N/A	N/A	
109	555.11	RT Over-Collected Losses Distribution Amount	N/A	N/A	
110	555.12	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 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	555.21	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 Demand Reduction Distribution Amount	N/A	N/A	
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	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	555.34	RT Ramp Up Distribution Amount	N/A	N/A	New charge type in 2022
126	555.35	RT Ramp Down Distribution Amount	N/A	N/A	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		<b>Total SPP Wholesale Market Charges</b>			
131					
132		<b>MISO ASM</b>			
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		<b>Total MISO ASM</b>			
150					
151		<b>Total Wholesale Market Charges</b>			
152					
153					
154		<b>Purchased Power</b>			
155			(PROTECTED DATA 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			...PROTECTED DATA ENDS)		
166		<b>Total Purchases</b>	<b>2,606,498</b>	<b>2,833,445</b>	Tribal (WAPA) excluded from Total
167					
168		<b>Wind Curtailment</b>	<b>4,864</b>	<b>4,558</b>	
169					
170		<b>Asset Based Sales</b>	<b>(79,530)</b>	<b>(270,902)</b>	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
172		Asset Based Margins	-	-	Fuel Cost MWh and Margin MWH are not separated - Need to compare total Asset Based Sales
173					
174		<b>Steam Plant Reagents</b>	-	-	Effective July 2022 - Docket No. E017/GR-20-719
175					
176		<b>Steam/Water Sales</b>	-	-	Effective July 2022 - Docket No. E017/GR-20-719
177					
178		<b>Planning Resource Auction Revenues</b>	-	-	Effective June 2022
179					
180		<b>Total System - Plant Level</b>	<b>5,998,972</b>	<b>5,857,526</b>	Tribal (WAPA) excluded from Total: Asset Based Sales subtracted from Total

Year to Date 2024 Forecast to Actual - \$ per MWh					
Line	Plant Generation	YTD 2024 Forecast	YTD 2024 Actual		Notes
1	Big Stone	[PROTECTED DATA BEGINS...]			
2	Coyote				
3	Hoot Lake #2				Hoot Lake plant closed in May 2021
4	Hoot Lake #3				
5		...PROTECTED DATA ENDS]			
6	Total Coal	\$ 25.24	\$ 28.15		
7		[PROTECTED DATA BEGINS...]			
8	Langdon Wind				
9	Ashtabula Wind				
10	Ashtabula III				
11	Luverne Wind				
12	Merricourt				
13		...PROTECTED DATA ENDS]			
14	Total Wind	\$ -	\$ -		
15					
16	Total Hydro	\$ -	\$ -		
17		[PROTECTED DATA BEGINS...]			
18	Jamestown 1				
19	Jamestown 2				
20	Lake Preston				
21		...PROTECTED DATA ENDS]			
22	Total Oil - Peaking Units	\$ 219.78	\$ 697.08		
23		[PROTECTED DATA BEGINS...]			
24	Natural gas - Solway				
25	Natural gas - Astoria				
26		...PROTECTED DATA ENDS]			
27	Total Natural Gas	\$ 40.44	\$ 27.49		
28		[PROTECTED DATA BEGINS...]			
29	Solar - Blue Jay				
30	Solar - Blue Heron				
31	Solar - Hoot Lake				
32		...PROTECTED DATA ENDS]			
33	Total Solar	N/A	\$ -		
34					
35	Total OTP-Owned	\$ 17.40	\$ 18.52		
36					
37	Wholesale Market Charges				
38	MISO Wholesale Market Charges				
39	555.02 DA Asset Energy Amount***	N/A	N/A		
40	555.04 DA FBT Loss Amount	N/A	N/A		
41	555.09 DA Non-asset Energy Amount***	N/A	N/A		
42	555.19 RT Asset Energy Amount***	N/A	N/A		
43	555.24 RT Distribution of Losses Amount	N/A	N/A		
44	555.21 RT FBT Loss Amount	N/A	N/A		
45	DA Loss Amount	N/A	N/A		
46	RT Loss Amount	N/A	N/A		
47	555.26 RT Non-Asset Energy Amount***	N/A	N/A		
48	555.08 DA Losses Rebate on Option B GFA	N/A	N/A		
49	555.12 DA Virtual Energy Amount	N/A	N/A		
50	555.32 RT Virtual Energy Amount	N/A	N/A		
51	555.01 DA Mkt Admin Amount	N/A	N/A		
52	555.18 RT Mkt Admin Amount	N/A	N/A		
53	555.13 FTR Mkt Admin Amount	N/A	N/A		
54	555.03 DA FBT Congestion Amount	N/A	N/A		
55	DA Congestion	N/A	N/A		
56	555.2 RT FBT Congestion Amount	N/A	N/A		
57	RT Congestion	N/A	N/A		
58	555.14 FTR Hourly Allocation Amount	N/A	N/A		
59	555.15 FTR Monthly Allocation Amount	N/A	N/A		
60	555.17 FTR Yearly Allocation Amount	N/A	N/A		
61	555.35 FTR Monthly Transaction Amount	N/A	N/A		
62	555.36 FTR Full Funding Guarantee Amount	N/A	N/A		
63	555.37 FTR Guarantee Uplift Amount	N/A	N/A		
64	555.39 FTR Auction Revenue Rights Transaction Amount	N/A	N/A		
65	555.38 FTR Annual Transaction Amount	N/A	N/A		
66	555.40 FTR Auction Revenue Rights Infeasible Uplift Amount	N/A	N/A		
67	555.41 FTR Auction Revenue Rights Stage 2 Distribution Amount	N/A	N/A		
68	555.07 DA Congestion Rebate on Option B GFA	N/A	N/A		
69	555.1 DA Revenue Sufficiency Guarantee Distribution Amount	N/A	N/A		
70	555.11 DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A		
71	555.29 RT Revenue Sufficiency Guarantee First Pass Distribution Amount	N/A	N/A		
72	555.3 RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	N/A	N/A		
73	555.42 RT Price Volatility Make Whole Payment	N/A	N/A		
74	555.28 RT Revenue Neutrality Uplift Amount	N/A	N/A		
75	555.25 RT Misc Amount	N/A	N/A		
76	555.27 RT Net Inadvertent Amount	N/A	N/A		
77	555.31 RT Uninstructed Deviation Amount	N/A	N/A		
78	555.59 RT Demand Response Allocation Uplift Amount	N/A	N/A		
79	555.63 DA Ramp Product	N/A	N/A		
80	555.64 RT Ramp Product	N/A	N/A		
81	555.65 RT Schedule 49 Cost Distribution Amount	N/A	N/A		
82	555.55 RT ASM Non-Excessive Energy Amount***	N/A	N/A		
83	555.56 RT ASM Excessive Energy Amount***	N/A	N/A		
84	555.05 DA Congestion Rebate on COGA	N/A	N/A		
85	555.06 DA Losses Rebate on COGA	N/A	N/A		
86	555.23 RT Congestion Rebate on COGA	N/A	N/A		
87	555.23 RT Loss Rebate on COGA	N/A	N/A		
88	Net Congestion and Losses Adjustment & No DA Generation Schedule	N/A	N/A		
89					
90	Total MISO Wholesale Market Charges				
91					
92	SPP Wholesale Market Charges				
93	555.19 DA Asset Energy Amount***	N/A	N/A		
94	555.03 DA Non-asset Energy Amount	N/A	N/A		
95	555.09 RT Asset Energy Amount***	N/A	N/A		
96	555 RT Non-Asset Energy Amount	N/A	N/A		
97	555.02 DA Make-Whole-Payment Distribution Amount	N/A	N/A		
98	555.1 RT Make-Whole-Payment Distribution Amount	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	N/A	N/A		
101	555.04 DA Regulation-Down Distribution Amount	N/A	N/A		
102	555.05 DA Regulation-Up Distribution Amount	N/A	N/A		
103	555.06 DA Spinning Reserve Distribution Amount	N/A	N/A		
104	555.07 DA Supplemental Reserve Distribution Amount	N/A	N/A		
105	555.08 RT Contingency Reserve Deployment Failure Amount	N/A	N/A		
106	555.11 RT Over-Collected Losses Distribution Amount	N/A	N/A		
107	555.12 RT Regulation-Down Distribution Amount	N/A	N/A		
108	555.13 RT Regulation Non-Performance Distribution Amount	N/A	N/A		
109	555.14 RT Regulation-Up Distribution Amount	N/A	N/A		
110	555.16 RT Spinning Reserve Distribution Amount	N/A	N/A		
111	555.17 RT Supplemental Reserve Distribution Amount	N/A	N/A		
112	555.2 RT Pseudo Tie Congestion Amount	N/A	N/A		
113	555.21 RT Pseudo Tie Loss Amount	N/A	N/A		
114	555.23 Miscellaneous Amount	N/A	N/A		
115	555.26 ARRT Closeout Yearly Amount	N/A	N/A		
116	555.28 RT Demand Reduction Distribution Amount	N/A	N/A		
117	555.29 RT Schedule 1A3 Amount	N/A	N/A		
118	555.30 RT Schedule 1A4 Amount	N/A	N/A		
119	555.31 DA Ramp Up Distribution Amount	N/A	N/A		New charge type in 2022
120	555.32 DA Ramp Down Distribution Amount	N/A	N/A		New charge type in 2022
121	555.33 RT Ramp Non Performance Distribution Amount	N/A	N/A		New charge type in 2022
122	555.34 RT Ramp Up Distribution Amount	N/A	N/A		New charge type in 2022
123	555.35 RT Ramp Down Distribution Amount	N/A	N/A		New charge type in 2022

124	555.01	DA GFA Carve Out Distribution Deployment Daily Amount	N/A	N/A	
125	555.22	DA GFA Carve Out Distribution Deployment Monthly Amount	N/A	N/A	
126	555.27	DA GFA Carve Out Distribution Deployment Yearly Amount	N/A	N/A	
127		<b>Total SPP Wholesale Market Charges</b>			
128					
129		<b>MISO ASM</b>			
130		Day Ahead Regulation Amount	N/A	N/A	
131		Real Time Regulation Amount	N/A	N/A	
132		Regulation Cost Distribution Amount	N/A	N/A	
133		Day Ahead Short-Term Reserve Amount	N/A	N/A	
134		Real Time Short-Term Reserve Amount	N/A	N/A	
135		Short-Term Reserve Cost Distribution Amount	N/A	N/A	
136		Day Ahead Spinning Reserve Amount	N/A	N/A	
137		Real Time Spinning Reserve Amount	N/A	N/A	
138		Spinning Reserve Cost Distribution Amount	N/A	N/A	
139		Day Ahead Supplemental Reserve Amount	N/A	N/A	
140		Real Time Supplemental Reserve Amount	N/A	N/A	
141		Supplemental Reserve Cost Distribution Amount	N/A	N/A	
142		Contingency Reserve Deployment Failure Charge Amount	N/A	N/A	
143		Real Time Excessive Deficient Energy Deployment Charge Amount	N/A	N/A	
144		Short-Term Reserve Deployment Failure Charge Amount	N/A	N/A	
145		Net Regulation Adjustment Amount	N/A	N/A	
146		<b>Total MISO ASM</b>			
147					
148		<b>Total Wholesale Market Charges</b>			
149					
150					
151		<b>Purchased Power</b>			
152			[PROTECTED DATA BEGINS...]		
153		Edgeley PPA			
154		Langdon PPA			
155		Ashlaba III PPA			
156		Tribal (WAPA)			Not Applicable to EAR - Excluded from Total
157		WAPA Energy Imbalance			
158		Shared Loads			
159		Small Co-gen			
160		Bilateral purchases			
161		Market Purchases			MISO and SPP Energy Only
162			[PROTECTED DATA ENDS]		
163		<b>Total Purchases</b>	\$ 37.78	\$ 28.08	Tribal (WAPA) excluded from Total
164					
165		<b>Wind Curtailment</b>	\$ 24.54	\$ 39.31	
166					
167		<b>Asset Based Sales</b>	\$ 68.47	\$ 18.19	
168		Fuel Costs	N/A	N/A	Fuel Cost MWh and Margin MWh are not separated - Need to compare total Asset Based Sales
169		Asset Based Margins	N/A	N/A	Fuel Cost MWh and Margin MWh are not separated - Need to compare total Asset Based Sales
170					
171		<b>Steam Plant Reagents</b>	N/A	N/A	Effective July 2022 - Docket No. E017/GR-20-719
172					
173		<b>Steam/Water Sales</b>	N/A	N/A	Effective July 2022 - Docket No. E017/GR-20-719
174					
175		<b>Planning Resource Auction Revenues</b>	N/A	N/A	Effective June 2022
176					
177		<b>Total System - Plant Level</b>	\$ 25.02	\$ 18.22	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

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

Page 1 of 4  
Eighteenth Revision

## 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 0.001¢). 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

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

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. N  
N
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. N  
N



Fergus Falls, Minnesota

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

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, 10.07	1.0461
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

C  
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C

Forecasted Class EAF's are published on OTP's website at <https://www.otpc.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 0.001¢), the true-up balance will carry over to the next year's true-up.



Fergus Falls, Minnesota

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

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 0.001¢) 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.

**MANDATORY AND VOLUNTARY RIDERS:** 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.

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 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
FUEL COSTS BY ENERGY TYPE:														
1	GENERATION	COAL	\$4,504,744	\$3,218,460	\$3,513,239	\$2,230,866	\$2,906,056	\$4,315,281	\$4,262,171	\$3,607,732	\$2,526,473	\$2,513,422	\$4,260,146	\$4,374,028
2		BIOMASS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3		HYDRO	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4		GAS	\$2,765,326	\$822,995	\$608,674	\$398,972	\$745,974	\$391,386	\$1,883,367	\$742,234	\$114,171	\$818,228	\$722,932	\$1,475,961
5		WIND	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6		FUEL OIL	(\$286,516)	\$175,450	\$3,230	(\$480)	\$2,532	\$1,275	\$1,997	\$46,891	(\$32,486)	\$4,822	\$0	\$8,693
7		UNKNOWN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8	PURCHASES	COAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	NET	BIOMASS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10		HYDRO	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11		GAS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12		WIND	\$514,364	\$380,741	\$429,917	\$507,826	\$572,047	\$335,872	\$435,830	\$21,954	\$421,783	\$584,741	\$505,055	\$374,836
13		SOLAR	\$3,455	\$3,125	\$8,310	\$10,571	\$12,173	\$12,968	\$14,368	\$12,429	\$10,566	\$13,224	\$6,916	\$3,315
14		FUEL OIL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15		UNKNOWN	\$10,603,181	\$6,618,809	\$1,766,731	(\$213,484)	\$3,659,158	\$2,602,388	\$3,231,084	\$3,123,698	\$646,446	\$2,516,523	\$2,936,012	\$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 DISTRIBUTION BY ENERGY TYPE:														
19	GENERATION	COAL	0.79221	0.59998	0.72423	0.44054	0.66479	1.06519	0.95357	0.79152	0.56123	0.61885	0.94585	0.85792
20		BIOMASS	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
21		HYDRO	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
22		GAS	0.48632	0.15342	0.12547	0.07879	0.17065	0.09661	0.42136	0.16284	0.02536	0.20146	0.16051	0.28949
23		WIND	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
24		FUEL OIL	-0.05039	0.03271	0.00067	-0.00009	0.00058	0.00031	0.00045	0.01029	-0.00722	0.00119	0.00000	0.00171
25		UNKNOWN	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
26	PURCHASES	COAL	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
27		BIOMASS	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
28		HYDRO	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
29		GAS	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
30		WIND	0.09046	0.07098	0.08862	0.10028	0.13086	0.08291	0.09751	0.00482	0.09369	0.14397	0.11213	0.07352
31		SOLAR	0.00061	0.00058	0.00171	0.00209	0.00278	0.00320	0.00321	0.00273	0.00235	0.00326	0.00154	0.00065
32		FUEL OIL	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
33		UNKNOWN	1.86470	1.23387	0.36420	-0.04216	0.83707	0.64238	0.72288	0.68532	0.14360	0.61961	0.65186	2.03569
34	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

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)	[PROTECTED DATA BEGINS . . . .											

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

...PROTECTED DATA ENDS]

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]

## Cost of delivered nuclear fuel - not applicable

## Cost of delivered oil

2008 IC Plants and FF Control Ctr diesel, \$/Mbt.	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, \$/Mbt.	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, \$/Mbt.	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, \$/Mbt.	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, \$/Mbt.	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, \$/Mbt.	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, \$/Mbt.	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, \$/Mbt.	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, \$/Mbt.	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, \$/Mbt.	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, \$/Mbt.	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, \$/Mbt.	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, \$/Mbt.	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, \$/Mbt.	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, \$/Mbt.	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, \$/Mbt.	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, \$/Mbt.	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 RSG or RNU 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



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

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

No.	Aggregate 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	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

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

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

**BEHIND-THE-METER RESOURCES AS DEFINED BY MISO - Values reflect the 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
[PROTECTED DATA BEGINS . . .														
4	Kindred School Diesel	OTP.OTP												
												. . . PROTECTED DATA 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	Taplin Gorge Hydro	OTP.OTP	0.3	0.3	0.3	-	-	-	0.1	0.1	0.1	0.4	0.4	0.4

**EXTERNAL RESOURCES AS DEFINED BY MISO - Values reflect the Season Accredited 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		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

**PRC TRANSACTIONS AS DEFINED BY MISO - Values reflect the Planning Resource Credit 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
1	None													
Total			841.1	841.1	841.1	807.4	807.4	807.4	983.0	983.0	983.0	925.1	925.1	925.1

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

Charge Type Description		System - Retail January - December 2024	Minnesota - Retail January - December 2024
<b>No.</b>	<b>Day Ahead &amp; Real Time Asset &amp; Non Asset Energy &amp; Loss</b>		
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	RT Distribution of Losses Amount	\$ (2,461,080)	\$ (1,163,953)
6	RT FBT Loss Amount	\$ -	\$ -
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	\$ -	\$ -
			\$ -
	<b>Virtual Energy</b>		\$ -
11	DA Virtual Energy Amount	\$ -	\$ -
12	RT Virtual Energy Amount	\$ -	\$ -
			\$ -
	<b>Schedules 16 &amp; 17</b>		\$ -
13	DA Mkt Admin Amount	\$ 805,219	\$ 380,824
14	RT Mkt Admin Amount	\$ 108,244	\$ 51,193
15	FTR Mkt Admin Amount	\$ 16,099	\$ 7,614
			\$ -
	<b>Congest &amp; FTRs</b>		\$ -
16	DA FBT Congestion Amount	\$ -	\$ -
17	DA Congestion	\$ 19,544,185	\$ 9,243,305
18	RT FBT Congestion Amount	\$ -	\$ -
19	RT Congestion	\$ 1,422,744	\$ 672,878
20	FTR Hourly Allocation Amount	\$ (40,949,836)	\$ (19,366,979)
21	FTR Monthly Allocation Amount	\$ (1,068,195)	\$ (505,196)
22	FTR Yearly Allocation Amount	\$ (562,661)	\$ (266,107)
23	FTR Monthly Transaction Amount	\$ -	\$ -
24	FTR Full Funding Guarantee Amount	\$ (438,744)	\$ (207,501)
25	FTR Guarantee Uplift Amount	\$ 350,646	\$ 165,836
26	FTR Auction Revenue Rights Transaction Amount	\$ (51,991,561)	\$ (24,589,097)
27	FTR Annual Transaction Amount	\$ 49,913,421	\$ 23,606,253
28	FTR Auction Revenue Rights Infeasible Uplift Amount	\$ 141,612	\$ 66,974
29	FTR Auction Revenue Rights Stage 2 Distribution Amount	\$ (2,380,975)	\$ (1,126,068)
30	DA Congestion Rebate on Option B GFA	\$ -	\$ -
			\$ -
	<b>RSG &amp; Make Whole Payments</b>		\$ -
31	DA Revenue Sufficiency Guarantee Distribution Amount	\$ 110,681	\$ 52,346
32	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ (62,496)	\$ (29,557)
33	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	\$ 78,460	\$ 37,107
34	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	\$ -	\$ -
35	RT Price Volatility Make Whole Payment	\$ (368,654)	\$ (174,353)
			\$ -
	<b>Revenue Neutrality Uplift</b>		\$ -
36	RT Revenue Neutrality Uplift Amount	\$ 1,700,473	\$ 804,229
			\$ -
	<b>Other Charges</b>		\$ -
37	RT Misc Amount	\$ (629,770)	\$ (297,846)
38	RT Net Inadvertent Amount	\$ (23,455)	\$ (11,093)
39	RT Uninstructed Deviation Amount	\$ -	\$ -
40	RT Demand Response Allocation Uplift Amount	\$ 62,342	\$ 29,484
41	DA Ramp Product	\$ (133,647)	\$ (63,207)
42	RT Ramp Product	\$ (8,310)	\$ (3,930)
43	RT Schedule 49 Cost Distribution Amount	\$ 262,553	\$ 124,173
			\$ -
	<b>ASM Charges</b>		\$ -
44	RT ASM Non-Excessive Energy Amount	\$ 10,696,189	\$ 5,058,698
45	RT ASM Excessive Energy Amount	\$ 30,897	\$ 14,613
			\$ -
	<b>Grandfathered Charge Types</b>		\$ -
46	DA Congestion Rebate on COGA	\$ -	\$ -
47	DA Losses Rebate on COGA	\$ -	\$ -
48	RT Congestion Rebate on COGA	\$ -	\$ -
49	RT Loss Rebate on COGA	\$ -	\$ -
			\$ -
50	<b>TOTAL CHARGES</b>	\$ 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	<b>Total 2024 MISO Charges</b>	<b>\$39,135,216.28</b>	

Percent of Minnesota Sales to System 2,719,534,945 / 5,658,134,533 = 0.480641619

Fuel Costs Allocated to Minnesota \$106,714,012 x 0.480641619 = \$51,291,196

	Otter Tail Power Company Detail of MISO Day 2 Charges - System January 2024 includes any adjustments														
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)		
	Charge Type Description	Acct	RETAIL		ASSET		BASED WHOLESALE		NON ASSET		BASED WHOLESALE				
			MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	
No.	Day Ahead & Real Time Energy														
1	DA Asset Energy Amount	555.02	(571,726)	\$ (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	(8,679)	\$ 19,437.20	33,999	\$ 1,613,977.76	0	\$ -	0	\$ -	0	\$ -	0	\$ -	
4	RT Non-Asset Energy Amount	555.26	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	
5	SUBTOTAL		(580,405)	\$ (30,670,703.87)	387,097	\$ 21,778,824.75	0	\$ -	11,326	\$ 680,072.93	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	\$ (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		0	\$ (102,794.51)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	
11	DA Losses Rebate on Option B GFA	555.08	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	
12	SUBTOTAL		0	\$ (1,610,808.82)	0	\$ 559,020.71	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		0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	
	Schedules 16 & 17														
16	DA Mkt Admin Amount	555.01	0	\$ (63,181.36)	0	\$ -	0	\$ (755.40)	0	\$ -	0	\$ -	0	\$ -	
17	RT Mkt Admin Amount	555.18	0	\$ (8,077.82)	0	\$ 195.99	0	\$ (2,122.11)	0	\$ 29.26	0	\$ -	0	\$ -	
18	FTR Mkt Admin Amount	555.13	0	\$ (1,093.84)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	
19	SUBTOTAL		0	\$ (72,353.02)	0	\$ 195.99	0	\$ (2,877.51)	0	\$ 29.26	0	\$ -	0	\$ -	
	Congestion & FTRs														
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	FTR Hourly Allocation Amount	555.14	0	\$ (215,964.56)	0	\$ 2,724,013.13	0	\$ -	0	\$ -	0	\$ -	0	\$ -	
25	FTR Monthly Allocation Amount	555.15	0	\$ -	0	\$ 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	\$ -	
27	FTR Monthly Transaction Amount	555.35	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	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	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	\$ (4,742,660.96)	0	\$ 6,132,893.44	0	\$ -	0	\$ -	0	\$ -	0	\$ -	
	RSG & Make Whole Payments														
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	555.42	0	\$ (16.89)	0	\$ 36,889.89	0	\$ (1.12)	0	\$ 2,455.78	0	\$ -	0	\$ -	
41	SUBTOTAL		0	\$ (27,824.90)	0	\$ 37,063.68	0	\$ (1,851.76)	0	\$ 105,127.43	0	\$ -	0	\$ -	
	RNU & Misc Charges														
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	\$ -	0	\$ 548.69	0	\$ -	0	\$ -	0	\$ -	0	\$ -	
48	RT Ramp Product	555.64	0	\$ (165.92)	0	\$ 102.44	0	\$ -	0	\$ -	0	\$ -	0	\$ -	
49	RT Schedule 49 Cost Distribution Amount	555.65	0	\$ (28,239.40)	0	\$ 19.97	0	\$ -	0	\$ -	0	\$ -	0	\$ -	
50	SUBTOTAL		0	\$ (322,818.00)	0	\$ 80,853.45	0	\$ (17,348.23)	0	\$ 3,236.28	0	\$ -	0	\$ -	
	ASM Charges														
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	\$ -	

[illegible]

	Otter Tail Power Company Detail of MISO Day 2 Charges - System February 2024 includes any adjustments													
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
	Charge Type Description	Acct	RETAIL				ASSET BASED WHOLESALE				NON ASSET BASED WHOLESALE			
			MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
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		0	\$ (22,797.82)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
11	DA Losses Rebate on Option B GFA	555.08	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
12	SUBTOTAL		0	\$ (783,298.57)	0	\$ 265,497.17	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	\$ (80,160.75)	0	\$ -	0	\$ (1,734.30)	0	\$ -	0	\$ -	0	\$ -
17	RT Mkt Admin Amount	555.18	0	\$ (11,224.11)	0	\$ 143.93	0	\$ (1,916.96)	0	\$ 37.61	0	\$ -	0	\$ -
18	FTR Mkt Admin Amount	555.13	0	\$ (1,547.28)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
19	SUBTOTAL		0	\$ (92,932.14)	0	\$ 143.93	0	\$ (3,651.26)	0	\$ 37.61	0	\$ -	0	\$ -
	Congestion & FTRs													
20	DA FBT Congestion Amount	555.03	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
21	DA Congestion		0	\$ -	0	\$ (1,414,623.47)	0	\$ -	0	\$ -	0	\$ -	0	\$ -
22	RT FBT Congestion Amount	555.20	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
23	RT Congestion		0	\$ 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	\$ -
	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	\$ -	0	\$ -	0	\$ -	0	\$ -
50	SUBTOTAL		0	\$ (177,534.80)	0	\$ 658,475.73	0	\$ (7,245.96)	0	\$ 1,229.55	0	\$ -	0	\$ -
	ASM Charges													
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	RT ASM Excessive Energy Amount	555.56	(114)	\$ (6,784.00)	343	\$ 1,060.40	(0)	\$ (0.34)	19	\$ 318.89	0	\$ -	0	\$ -
53	SUBTOTAL		(68,700)	\$ (1,396,522.46)	16,737	\$ 500,089.69	(5,826)	\$ (146,254.29)	12,135	\$ 358,871.72	0	\$ -	0	\$ -

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

Otter Tail Power Company																										
Detail of MISO Day 2 Charges - System																										
March 2024 includes any adjustments																										
		(A)	(B)		(C)		(D)		(E)		(F)		(G)		(H)		(I)		(J)		(K)		(L)		(M)	
Charge Type Description		Acct	RETAIL				ASSET BASED WHOLESALE				NON ASSET BASED WHOLESALE															
			MWh	Cost		MWh	Revenue	MWh	Cost		MWh	Revenue	MWh	Cost		MWh	Revenue									
No.	Day Ahead & Real Time Energy																									
1	DA Asset Energy Amount	555.02	(495,499)	\$	(10,198,496.37)	283,528	\$	6,177,612.48	0	\$	-	3,913	\$	122,444.72	0	\$	-	0	\$	-						
2	DA Non-asset Energy Amount	555.09	0	\$	-	4,586	\$	67,219.81	0	\$	-	0	\$	-	0	\$	-	0	\$	-						
3	RT Asset Energy Amount	555.19	(11,147)	\$	(478,876.59)	19,452	\$	567,270.01	0	\$	-	0	\$	-	0	\$	-	0	\$	-						
4	RT Non-Asset Energy Amount	555.26	0	\$	-	0	\$	-	0	\$	-	0	\$	-	0	\$	-	0	\$	-						
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																										
6	DA FBT Loss Amount	555.04	0	\$	-	0	\$	-	0	\$	-	0	\$	-	0	\$	-	0	\$	-						
7	RT Distribution of Losses Amount	555.24	0	\$	(71,801.41)	0	\$	334,191.43	0	\$	-	0	\$	-	0	\$	-	0	\$	-						
8	RT FBT Loss Amount	555.21	0	\$	-	0	\$	-	0	\$	-	0	\$	-	0	\$	-	0	\$	-						
9	DA Loss Amount		0	\$	(444,030.17)	0	\$	-	0	\$	-	0	\$	-	0	\$	-	0	\$	-						
10	RT Loss Amount		0	\$	(40,594.75)	0	\$	-	0	\$	-	0	\$	-	0	\$	-	0	\$	-						
11	DA Losses Rebate on Option B GFA	555.08	0	\$	-	0	\$	-	0	\$	-	0	\$	-	0	\$	-	0	\$	-						
12	SUBTOTAL		0	\$	(556,426.33)	0	\$	334,191.43	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	\$	(64,254.99)	0	\$	-	0	\$	(375.33)	0	\$	-	0	\$	-	0	\$	-						
17	RT Mkt Admin Amount	555.18	0	\$	(9,168.89)	0	\$	175.59	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	SUBTOTAL		0	\$	(74,700.68)	0	\$	175.59	0	\$	(2,046.75)	0	\$	0.02	0	\$	-	0	\$	-						
Congestion & FTRs																										
20	DA FBT Congestion Amount	555.03	0	\$	-	0	\$	-	0	\$	-	0	\$	-	0	\$	-	0	\$	-						
21	DA Congestion		0	\$	-	0	\$	(2,058,625.53)	0	\$	-	0	\$	-	0	\$	-	0	\$	-						
22	RT FBT Congestion Amount	555.20	0	\$	-	0	\$	-	0	\$	-	0	\$	-	0	\$	-	0	\$	-						
23	RT Congestion		0	\$	239,075.23	0	\$	-	0	\$	-	0	\$	-	0	\$	-	0	\$	-						
24	FTR Hourly Allocation Amount	555.14	0	\$	(53,434.26)	0	\$	4,091,156.63	0	\$	-	0	\$	-	0	\$	-	0	\$	-						
25	FTR Monthly Allocation Amount	555.15	0	\$	-	0	\$	82,330.16	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	\$	(63,717.67)	0	\$	242,386.81	0	\$	-	0	\$	-	0	\$	-	0	\$	-						
29	FTR Guarantee Uplift Amount	555.37	0	\$	(242,386.81)	0	\$	63,714.65	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	FTR Annual Transaction Amount	555.38	0	\$	(3,527,151.17)	0	\$	4,882.05	0	\$	-	0	\$	-	0	\$	-	0	\$	-						
32	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	0	\$	(12,016.00)	0	\$	-	0	\$	-	0	\$	-	0	\$	-	0	\$	-						
33	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	0	\$	-	0	\$	223,185.36	0	\$	-	0	\$	-	0	\$	-	0	\$	-						
34	DA Congestion Rebate on Option B GFA	555.07	0	\$	-	0	\$	-	0	\$	-	0	\$	-	0	\$	-	0	\$	-						
35	SUBTOTAL		0	\$	(3,663,956.25)	0	\$	6,478,680.75	0	\$	-	0	\$	-	0	\$	-	0	\$	-						
RSG & Make Whole Payments																										
36	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	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	0	\$	-	0	\$	699.63	0	\$	-	0	\$	228.11	0	\$	-	0	\$	-						
38	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29	0	\$	(1,650.92)	0	\$	68.80	0	\$	(59.78)	0	\$	2.41	0	\$	-	0	\$	-						
39	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	0	\$	-	0	\$	-	0	\$	-	0	\$	60.63	0	\$	-	0	\$	-						
40	RT Price Volatility Make Whole Payment	555.42	0	\$	-	0	\$	38,171.01	0	\$	-	0	\$	1,389.99	0	\$	-	0	\$	-						
41	SUBTOTAL		0	\$	(13,746.77)	0	\$	41,306.76	0	\$	(500.06)	0	\$	1,767.33	0	\$	-	0	\$	-						
RNU & Misc Charges																										
42	RT Misc Amount	555.25	0	\$	(1,438.70)	0	\$	4,932.11	0	\$	-	0	\$	-	0	\$	-	0	\$	-						
43	RT Net Inadvertent Amount	555.27	0	\$	(19,493.09)	0	\$	55,284.18	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	\$	-	0	\$	-						
45	RT Uninstructed Deviation Amount	555.31	0	\$	-	0	\$	-	0	\$	-	0	\$	-	0	\$	-	0	\$	-						
46	RT Demand Response Allocation Uplift Amount	555.59	0	\$	(6,378.22)	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)	0	\$	1,193.99	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	SUBTOTAL		0	\$	(195,037.33)	0	\$	84,481.13	0	\$	(5,208.48)	0	\$	485.33	0	\$	-	0	\$	-						
ASM Charges																										
51	RT ASM Non-Excessive Energy Amount	555.55	(42,331)	\$	(673,669.25)	24,711	\$	630,144.47	(1,986)	\$	(24,962.72)	17,445	\$	431,340.93	0	\$	-	0	\$	-						
52	RT ASM Excessive Energy Amount	555.56	(50)	\$	(19,687.29)	486	\$	1,413.63	0	\$	-	18	\$	285.80	0	\$	-	0	\$	-						
53	SUBTOTAL		(42,381)	\$	(693,356.54)	25,197	\$	631,558.10	(1,986)	\$	(24,962.72)	17,463	\$	431,626.73	0	\$	-	0	\$	-						

[illegible]



	Otter Tail Power Company Detail of MISO Day 2 Charges - System April 2024 includes any adjustments													
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
	Charge Type Description	Acct	RETAIL				ASSET BASED WHOLESALE				NON ASSET BASED WHOLESALE			
			MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
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	\$ -
2	DA Non-asset Energy Amount	555.09	0	\$ -	4,683	\$ 69,672.33	0	\$ -	0	\$ -	0	\$ -	0	\$ -
3	RT Asset Energy Amount	555.19	(10,294)	\$ 139,856.58	22,367	\$ 512,917.69	0	\$ -	0	\$ -	0	\$ -	0	\$ -
4	RT Non-Asset Energy Amount	555.26	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
5	SUBTOTAL		(510,079)	\$ (9,623,462.40)	314,017	\$ 7,105,047.63	0	\$ -	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		0	\$ (81,913.29)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
11	DA Losses Rebate on Option B GFA	555.08	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
12	SUBTOTAL		0	\$ (560,716.75)	0	\$ 179,708.52	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	\$ (72,060.52)	0	\$ -	0	\$ (485.01)	0	\$ -	0	\$ -	0	\$ -
17	RT Mkt Admin Amount	555.18	0	\$ (10,122.64)	0	\$ 639.60	0	\$ (1,838.30)	0	\$ 12.06	0	\$ -	0	\$ -
18	FTR Mkt Admin Amount	555.13	0	\$ (1,212.48)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
19	SUBTOTAL		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		0	\$ -	0	\$ (2,321,066.40)	0	\$ -	0	\$ -	0	\$ -	0	\$ -
22	RT FBT Congestion Amount	555.20	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
23	RT Congestion		0	\$ (276,927.85)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
24	FTR Hourly Allocation Amount	555.14	0	\$ (67,272.21)	0	\$ 5,871,681.61	0	\$ -	0	\$ -	0	\$ -	0	\$ -
25	FTR Monthly Allocation Amount	555.15	0	\$ -	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	FTR Annual Transaction Amount	555.38	0	\$ (3,527,151.17)	0	\$ 4,882.05	0	\$ -	0	\$ -	0	\$ -	0	\$ -
32	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	0	\$ (11,996.60)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
33	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	0	\$ (0.05)	0	\$ 223,246.21	0	\$ -	0	\$ -	0	\$ -	0	\$ -
34	DA Congestion Rebate on Option B GFA	555.07	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
35	SUBTOTAL		0	\$ (4,451,775.32)	0	\$ 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	\$ -	0	\$ -	0	\$ -
37	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	0	\$ -	0	\$ 1,719.66	0	\$ -	0	\$ 1,073.46	0	\$ -	0	\$ -
38	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29	0	\$ (2,957.19)	0	\$ 117.60	0	\$ (138.85)	0	\$ 5.37	0	\$ -	0	\$ -
39	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	0	\$ -	0	\$ -	0	\$ -	0	\$ 15,822.32	0	\$ -	0	\$ -
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		0	\$ (12,486.95)	0	\$ 56,011.09	0	\$ (587.08)	0	\$ 19,450.05	0	\$ -	0	\$ -
	RNU & Misc Charges													
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	RT Uninstructed Deviation Amount	555.31	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
46	RT Demand Response Allocation Uplift Amount	555.59	0	\$ (157.63)	0	\$ 42.34	0	\$ -	0	\$ -	0	\$ -	0	\$ -
47	DA Ramp Product	555.63	0	\$ -	0	\$ 13,465.75	0	\$ -	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	\$ -	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													
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	RT ASM Excessive Energy Amount	555.56	(27)	\$ (1,769.16)	527	\$ 4,051.77	0	\$ -	61	\$ 793.98	0	\$ -	0	\$ -
53	SUBTOTAL		(54,189)	\$ (1,025,010.66)	20,864	\$ 629,966.18	(800)	\$ (130,294.67)	18,508	\$ 375,825.05	0	\$ -	0	\$ -



Otter Tail Power Company Detail of MISO Day 2 Charges - System May 2024 includes any adjustments																										
		(A)	(B)		(C)		(D)		(E)		(F)		(G)		(H)		(I)		(J)		(K)		(L)		(M)	
Charge Type Description		Acct	RETAIL				ASSET BASED WHOLESALE				NON ASSET BASED WHOLESALE															
			MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue												
No.	Day Ahead & Real Time Energy																									
1	DA Asset Energy Amount	555.02	(435,907)	\$ (10,180,784.69)	266,130	\$ 5,181,965.18	0	\$ -	4,969	\$ 152,734.42	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
2	DA Non-asset Energy Amount	555.09	0	\$ -	3,911	\$ 80,861.72	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
3	RT Asset Energy Amount	555.19	(13,778)	\$ (326,616.58)	17,447	\$ 398,894.03	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
4	RT Non-Asset Energy Amount	555.26	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
5	SUBTOTAL		(449,685)	\$ (10,507,401.27)	287,488	\$ 5,661,720.93	0	\$ -	4,969	\$ 152,734.42	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
Day Ahead & Real Time Energy Loss																										
6	DA FBT Loss Amount	555.04	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
7	RT Distribution of Losses Amount	555.24	0	\$ (115,811.28)	0	\$ 139,707.62	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
8	RT FBT Loss Amount	555.21	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
9	DA Loss Amount		0	\$ (207,327.66)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
10	RT Loss Amount		0	\$ (12,195.30)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
11	DA Losses Rebate on Option B GFA	555.08	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
12	SUBTOTAL		0	\$ (335,334.24)	0	\$ 139,707.62	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
Virtual Energy																										
13	DA Virtual Energy Amount	555.12	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
14	RT Virtual Energy Amount	555.32	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
15	SUBTOTAL		0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
Schedules 16 & 17																										
16	DA Mkt Admin Amount	555.01	0	\$ (65,326.29)	0	\$ -	0	\$ (476.16)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
17	RT Mkt Admin Amount	555.18	0	\$ (10,800.08)	0	\$ 293.75	0	\$ (2,161.01)	0	\$ 25.33	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
18	FTR Mkt Admin Amount	555.13	0	\$ (1,147.28)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
19	SUBTOTAL		0	\$ (77,273.65)	0	\$ 293.75	0	\$ (2,637.17)	0	\$ 25.33	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
Congestion & FTRs																										
20	DA FBT Congestion Amount	555.03	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
21	DA Congestion		0	\$ -	0	\$ (378,184.73)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
22	RT FBT Congestion Amount	555.20	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
23	RT Congestion		0	\$ (10,583.20)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
24	FTR Hourly Allocation Amount	555.14	0	\$ (319,376.60)	0	\$ 2,409,085.32	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
25	FTR Monthly Allocation Amount	555.15	0	\$ -	0	\$ 60,726.64	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
26	FTR Yearly Allocation Amount	555.17	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
27	FTR Monthly Transaction Amount	555.35	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
28	FTR Full Funding Guarantee Amount	555.36	0	\$ (52,852.53)	0	\$ 187,437.19	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
29	FTR Guarantee Uplift Amount	555.37	0	\$ (187,437.19)	0	\$ 49,580.22	0	\$ -	0	\$ -	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	\$ -	0	\$ -	0	\$ -								
31	FTR Annual Transaction Amount	555.38	0	\$ (3,527,151.17)	0	\$ 4,882.05	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
32	FTR Auction Revenue Rights Infeasible Uplift Amount	555.40	0	\$ (11,995.80)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
33	FTR Auction Revenue Rights Stage 2 Distribution Amount	555.41	0	\$ -	0	\$ 223,246.21	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
34	DA Congestion Rebate on Option B GFA	555.07	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
35	SUBTOTAL		0	\$ (4,113,722.06)	0	\$ 6,386,423.52	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
RSG & Make Whole Payments																										
36	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	0	\$ (6,287.86)	0	\$ -	0	\$ (321.68)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
37	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	0	\$ -	0	\$ 9,497.80	0	\$ -	0	\$ 1,257.87	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
38	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29	0	\$ (4,819.48)	0	\$ 24.23	0	\$ (246.33)	0	\$ 1.12	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
39	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	0	\$ -	0	\$ -	0	\$ -	0	\$ 239.10	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
40	RT Price Volatility Make Whole Payment	555.42	0	\$ -	0	\$ 22,952.63	0	\$ -	0	\$ 1,174.84	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
41	SUBTOTAL		0	\$ (11,107.34)	0	\$ 32,474.66	0	\$ (568.01)	0	\$ 2,672.93	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
RNU & Misc Charges																										
42	RT Misc Amount	555.25	0	\$ (1,906.90)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
43	RT Net Inadvertent Amount	555.27	0	\$ (34,624.29)	0	\$ 7,353.92	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
44	RT Revenue Neutrality Uplift Amount	555.28	0	\$ (118,649.47)	0	\$ 60,303.84	0	\$ (6,072.85)	0	\$ 3,086.37	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
45	RT Uninstructed Deviation Amount	555.31	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
46	RT Demand Response Allocation Uplift Amount	555.59	0	\$ (34.88)	0	\$ 0.05	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
47	DA Ramp Product	555.63	0	\$ -	0	\$ 14,253.61	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
48	RT Ramp Product	555.64	0	\$ (1,124.47)	0	\$ 1,384.06	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
49	RT Schedule 49 Cost Distribution Amount	555.65	0	\$ (27,253.53)	0	\$ 9.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
50	SUBTOTAL		0	\$ (183,593.54)	0	\$ 83,304.48	0	\$ (6,072.85)	0	\$ 3,086.37	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
ASM Charges																										
51	RT ASM Non-Excessive Energy Amount	555.55	(54,483)	\$ (1,239,984.41)	17,829	\$ 470,909.68	(219)	\$ (8,904.21)	21,015	\$ 560,772.30	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
52	RT ASM Excessive Energy Amount	555.56	(85)	\$ (1,355.28)	319	\$ 5,252.88	0	\$ -	189	\$ 2,605.02	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
53	SUBTOTAL		(54,568)	\$ (1,241,339.69)	18,148	\$ 476,162.56	(219)	\$ (8,904.21)	21,204	\$ 563,377.32	0	\$ -	0	\$ -	0	\$ -	0	\$ -								

[illegible]

	Otter Tail Power Company Detail of MISO Day 2 Charges - System May 2024 includes any adjustments													
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Charge Type Description		Acct	RETAIL				ASSET BASED WHOLESALE				NON ASSET BASED WHOLESALE			
			MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
No.	Day Ahead & Real Time Energy													
1	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	\$ -
2	DA Non-asset Energy Amount	555.09	0	\$ -	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	\$ -
4	RT Non-Asset Energy Amount	555.26	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
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														
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	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
9	DA Loss Amount		0	\$ (81,096.63)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
10	RT Loss Amount		0	\$ 6,562.77	0	\$ -	0	\$ -	0	\$ -	0	\$ -	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	\$ -
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	\$ (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		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	\$ -	0	\$ -
37	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	0	\$ -	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	555.30	0	\$ -	0	\$ -	0	\$ -	0	\$ 267.28	0	\$ -	0	\$ -
40	RT Price Volatility Make Whole Payment	555.42	0	\$ (848.95)	0	\$ 36,138.33	0	\$ (17.05)	0	\$ 726.08	0	\$ -	0	\$ -
41	SUBTOTAL		0	\$ (9,324.41)	0	\$ 43,705.41	0	\$ (186.92)	0	\$ 5,519.23	0	\$ -	0	\$ -
RNU & Misc Charges														
42	RT Misc Amount	555.25	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
43	RT Net Inadvertent Amount	555.27	0	\$ (13,143.94)	0	\$ 19,442.83	0	\$ -	0	\$ -	0	\$ -	0	\$ -
44	RT Revenue Neutrality Uplift Amount	555.28	0	\$ (136,982.82)	0	\$ 24,677.60	0	\$ (2,751.95)	0	\$ 495.69	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	\$ (54.77)	0	\$ 0.03	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		0	\$ (176,054.34)	0	\$ 61,081.93	0	\$ (2,751.95)	0	\$ 495.69	0	\$ -	0	\$ -
ASM Charges														
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	\$ 349,793.96	(2,125)	\$ (7,300.23)	8,561	\$ 280,605.81	0	\$ -	0	\$ -

[illegible]

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)	
Charge Type Description		Acct	RETAIL				ASSET BASED WHOLESALE				NON ASSET BASED WHOLESALE															
			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	(385,693)	\$ (7,722,278.21)	265,132	\$ 4,532,408.32					0	\$ -	-	2,671	\$ 79,507.77				0	\$ -		0	\$ -		-	
2	DA Non-asset Energy Amount	555.09	0	\$ -	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	\$ -		-	
4	RT Non-Asset Energy Amount	555.26	0	\$ -	0	\$ -					0	\$ -	-	0	\$ -				0	\$ -		0	\$ -		-	
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																										
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	\$ -	0	\$ -					0	\$ -	-	0	\$ -				0	\$ -		0	\$ -		-	
9	DA Loss Amount		0	\$ (81,096.63)	0	\$ -					0	\$ -	-	0	\$ -				0	\$ -		0	\$ -		-	
10	RT Loss Amount		0	\$ 6,562.77	0	\$ -					0	\$ -	-	0	\$ -				0	\$ -		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	\$ -		-	
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	\$ (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		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	\$ -		0	\$ -		-	
37	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	0	\$ -	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	555.30	0	\$ -	0	\$ -					0	\$ -	-	0	\$ 267.28				0	\$ -		0	\$ -		-	
40	RT Price Volatility Make Whole Payment	555.42	0	\$ (848.95)	0	\$ 36,138.33					0	\$ (17.05)	-	0	\$ 726.08				0	\$ -		0	\$ -		-	
41	SUBTOTAL		0	\$ (9,324.41)	0	\$ 43,705.41					0	\$ (186.92)	-	0	\$ 5,519.23				0	\$ -		0	\$ -		-	
RNU & Misc Charges																										
42	RT Misc Amount	555.25	0	\$ -	0	\$ -					0	\$ -	-	0	\$ -				0	\$ -		0	\$ -		-	
43	RT Net Inadvertent Amount	555.27	0	\$ (13,143.94)	0	\$ 19,442.83					0	\$ -	-	0	\$ -				0	\$ -		0	\$ -		-	
44	RT Revenue Neutrality Uplift Amount	555.28	0	\$ (136,982.82)	0	\$ 24,677.60					0	\$ (2,751.95)	-	0	\$ 495.69				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	\$ (54.77)	0	\$ 0.03					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		0	\$ (176,054.34)	0	\$ 61,081.93					0	\$ (2,751.95)	-	0	\$ 495.69				0	\$ -		0	\$ -		-	
ASM Charges																										
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	\$ 349,793.96					(2,125)	\$ (7,300.23)	-	8,561	\$ 280,605.81				0	\$ -		0	\$ -		-	

[illegible]



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)	
Charge Type Description		Acct	RETAIL						ASSET BASED WHOLESALE						NON ASSET BASED WHOLESALE											
			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	(385,693)	\$	(7,722,278.21)	265,132	\$	4,532,408.32				0	\$	-	2,671	\$	79,507.77			0	\$	-	0	\$	-	
2	DA Non-asset Energy Amount	555.09	0	\$	-	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	\$	-	
4	RT Non-Asset Energy Amount	555.26	0	\$	-	0	\$	-				0	\$	-	0	\$	-			0	\$	-	0	\$	-	
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																										
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	\$	-	0	\$	-				0	\$	-	0	\$	-			0	\$	-	0	\$	-	
9	DA Loss Amount		0	\$	(81,096.63)	0	\$	-				0	\$	-	0	\$	-			0	\$	-	0	\$	-	
10	RT Loss Amount		0	\$	6,562.77	0	\$	-				0	\$	-	0	\$	-			0	\$	-	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	\$	-	
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	\$	(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		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	\$	-	0	\$	-	
37	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	0	\$	-	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	555.30	0	\$	-	0	\$	-				0	\$	-	0	\$	267.28			0	\$	-	0	\$	-	
40	RT Price Volatility Make Whole Payment	555.42	0	\$	(848.95)	0	\$	36,138.33				0	\$	(17.05)	0	\$	726.08			0	\$	-	0	\$	-	
41	SUBTOTAL		0	\$	(9,324.41)	0	\$	43,705.41				0	\$	(186.92)	0	\$	5,519.23			0	\$	-	0	\$	-	
RNU & Misc Charges																										
42	RT Misc Amount	555.25	0	\$	-	0	\$	-				0	\$	-	0	\$	-			0	\$	-	0	\$	-	
43	RT Net Inadvertent Amount	555.27	0	\$	(13,143.94)	0	\$	19,442.83				0	\$	-	0	\$	-			0	\$	-	0	\$	-	
44	RT Revenue Neutrality Uplift Amount	555.28	0	\$	(136,982.82)	0	\$	24,677.60				0	\$	(2,751.95)	0	\$	495.69			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	\$	(54.77)	0	\$	0.03				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		0	\$	(176,054.34)	0	\$	61,081.93				0	\$	(2,751.95)	0	\$	495.69			0	\$	-	0	\$	-	
ASM Charges																										
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	\$	349,793.96				(2,125)	\$	(7,300.23)	8,561	\$	280,605.81			0	\$	-	0	\$	-	

Otter Tail Power Company Detail of MISO Day 2 Charges - System June 2024 includes any adjustments														
Charge Type Description		(A) Acct	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
			RETAIL				ASSET BASED WHOLESALE				NON ASSET BASED WHOLESALE			
			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	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	\$ -
60	Less Schedule 16 & 17 (Lines 16, 17, 18)			\$ (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	Net Retail for MN Energy Adjustment Rider				\$ (2,043,750.47)									
67	Retail MWh include losses of 2.8%													
ADDITIONAL REVENUE AND COSTS OF ASSET BASED AND NON ASSET BASED TRANSACTIONS														
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	TOTAL ASSET or NON ASSET BASED WHOLESALE								\$ 151,115.15			\$ -		

Otter Tail Power Company Detail of MISO Day 2 Charges - System July 2024 includes any adjustments																										
		(A)	(B)		(C)		(D)		(E)		(F)		(G)		(H)		(I)		(J)		(K)		(L)		(M)	
					RETAIL						ASSET BASED WHOLESALE								NON ASSET BASED WHOLESALE							
Charge Type Description		Acct	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	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	(479,855)	\$ (14,415,062.35)	383,447	\$ 12,485,248.75					0	\$ -		24,547	\$ 1,149,725.92				0	\$ -			0	\$ -		
2	DA Non-asset Energy Amount	555.09	0	\$ -	4,281	\$ 125,485.62					0	\$ -		0	\$ -				0	\$ -			0	\$ -		
3	RT Asset Energy Amount	555.19	(23,769)	\$ (737,632.53)	11,930	\$ 299,669.03					0	\$ -		0	\$ -				0	\$ -			0	\$ -		
4	RT Non-Asset Energy Amount	555.26	0	\$ -	0	\$ -					0	\$ -		0	\$ -				0	\$ -			0	\$ -		
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																										
6	DA FBT Loss Amount	555.04	0	\$ -	0	\$ -					0	\$ -		0	\$ -				0	\$ -			0	\$ -		
7	RT Distribution of Losses Amount	555.24	0	\$ (94,320.56)	0	\$ 293,219.88					0	\$ -		0	\$ -				0	\$ -			0	\$ -		
8	RT FBT Loss Amount	555.21	0	\$ -	0	\$ -					0	\$ -		0	\$ -				0	\$ -			0	\$ -		
9	DA Loss Amount		0	\$ (719,899.90)	0	\$ -					0	\$ -		0	\$ -				0	\$ -			0	\$ -		
10	RT Loss Amount		0	\$ (19,685.37)	0	\$ -					0	\$ -		0	\$ -				0	\$ -			0	\$ -		
11	DA Losses Rebate on Option B GFA	555.08	0	\$ -	0	\$ -					0	\$ -		0	\$ -				0	\$ -			0	\$ -		
12	SUBTOTAL		0	\$ (833,905.83)	0	\$ 293,219.88					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	\$ (67,005.57)	0	\$ -					0	\$ (1,953.72)		0	\$ -				0	\$ -			0	\$ -		
17	RT Mkt Admin Amount	555.18	0	\$ (8,438.47)	0	\$ 328.72					0	\$ (1,392.27)		0	\$ 109.39				0	\$ -			0	\$ -		
18	FTR Mkt Admin Amount	555.13	0	\$ (2,036.00)	0	\$ -					0	\$ -		0	\$ -				0	\$ -			0	\$ -		
19	SUBTOTAL		0	\$ (77,480.04)	0	\$ 328.72					0	\$ (3,345.99)		0	\$ 109.39				0	\$ -			0	\$ -		
Congestion & FTRs																										
20	DA FBT Congestion Amount	555.03	0	\$ -	0	\$ -					0	\$ -		0	\$ -				0	\$ -			0	\$ -		
21	DA Congestion		0	\$ -	0	\$ (735,859.76)					0	\$ -		0	\$ -				0	\$ -			0	\$ -		
22	RT FBT Congestion Amount	555.20	0	\$ -	0	\$ -					0	\$ -		0	\$ -				0	\$ -			0	\$ -		
23	RT Congestion		0	\$ (51,077.44)	0	\$ -					0	\$ -		0	\$ -				0	\$ -			0	\$ -		
24	FTR Hourly Allocation Amount	555.14	0	\$ (55,819.76)	0	\$ 960,455.94					0	\$ -		0	\$ -				0	\$ -			0	\$ -		
25	FTR Monthly Allocation Amount	555.15	0	\$ -	0	\$ 25,232.34					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	\$ (24,972.41)	0	\$ 15,162.59					0	\$ -		0	\$ -				0	\$ -			0	\$ -		
29	FTR Guarantee Uplift Amount	555.37	0	\$ (15,162.59)	0	\$ 24,972.41					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	\$ (4,123,333.57)	0	\$ 4,514,049.89					0	\$ -		0	\$ -				0	\$ -			0	\$ -		
RSG & Make Whole Payments																										
36	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	0	\$ (7,124.61)	0	\$ -					0	\$ (594.72)		0	\$ -				0	\$ -			0	\$ -		
37	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	0	\$ -	0	\$ 18,567.66					0	\$ -		0	\$ 2,589.08				0	\$ -			0	\$ -		
38	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29	0	\$ (7,116.21)	0	\$ 39.17					0	\$ (593.76)		0	\$ 3.15				0	\$ -			0	\$ -		
39	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	0	\$ -	0	\$ -					0	\$ -		0	\$ 10,084.84				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		0	\$ (14,247.07)	0	\$ 39,299.63					0	\$ (1,189.00)		0	\$ 14,404.74				0	\$ -			0	\$ -		
RNU & Misc Charges																										
42	RT Misc Amount	555.25	0	\$ (716.42)	0	\$ 707.27					0	\$ -		0	\$ -				0	\$ -			0	\$ -		
43	RT Net Inadvertent Amount	555.27	0	\$ (19,214.46)	0	\$ 22,257.41					0	\$ -		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	\$ -			0	\$ -		
45	RT Uninstructed Deviation Amount	555.31	0	\$ -	0	\$ -					0	\$ -		0	\$ -				0	\$ -			0	\$ -		
46	RT Demand Response Allocation Uplift Amount	555.59	0	\$ (3,149.28)	0	\$ 27.10					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	\$ (676.29)	0	\$ 1,439.16					0	\$ -		0	\$ -				0	\$ -			0	\$ -		
49	RT Schedule 49 Cost Distribution Amount	555.65	0	\$ (23,288.58)	0	\$ -					0	\$ -		0	\$ -				0	\$ -			0	\$ -		
50	SUBTOTAL		0	\$ (205,700.42)	0	\$ 63,936.23					0	\$ (13,246.27)		0	\$ 2,143.13				0	\$ -			0	\$ -		
ASM Charges																										
51	RT ASM Non-Excessive Energy Amount	555.55	(56,867)	\$ (1,298,035.07)	11,587	\$ 206,239.53					(3,492)	\$ (70,740.47)		13,004	\$ 361,091.08				0	\$ -			0	\$ -		
52	RT ASM Excessive Energy Amount	555.56	(276)	\$ (1,081.06)	12	\$ 266.36					(0)	\$ (117.26)		12	\$ 202.88				0	\$ -			0	\$ -		
53	SUBTOTAL		(57,143)	\$ (1,299,116.13)	11,599	\$ 206,505.89					(3,492)	\$ (70,857.73)		13,016	\$ 361,293.96				0	\$ -			0	\$ -		

[illegible]

	Otter Tail Power Company Detail of MISO Day 2 Charges - System July 2024 includes any adjustments													
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	
	Charge Type Description	Acct	RETAIL				ASSET BASED WHOLESALE				NON ASSET BASED WHOLESALE			
			MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
No.	Day Ahead & Real Time Energy													
1	DA Asset Energy Amount	555.02	(479,855)	\$ (14,415,062.35)	383,447	\$ 12,485,248.75	0	\$ -	24,547	\$ 1,149,725.92	0	\$ -	0	\$ -
2	DA Non-asset Energy Amount	555.09	0	\$ -	4,281	\$ 125,485.62	0	\$ -	0	\$ -	0	\$ -	0	\$ -
3	RT Asset Energy Amount	555.19	(23,769)	\$ (737,632.53)	11,930	\$ 299,669.03	0	\$ -	0	\$ -	0	\$ -	0	\$ -
4	RT Non-Asset Energy Amount	555.26	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
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													
6	DA FBT Loss Amount	555.04	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
7	RT Distribution of Losses Amount	555.24	0	\$ (94,320.56)	0	\$ 293,219.88	0	\$ -	0	\$ -	0	\$ -	0	\$ -
8	RT FBT Loss Amount	555.21	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
9	DA Loss Amount		0	\$ (719,899.90)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
10	RT Loss Amount		0	\$ (19,685.37)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
11	DA Losses Rebate on Option B GFA	555.08	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
12	SUBTOTAL		0	\$ (833,905.83)	0	\$ 293,219.88	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	\$ (67,005.57)	0	\$ -	0	\$ (1,953.72)	0	\$ -	0	\$ -	0	\$ -
17	RT Mkt Admin Amount	555.18	0	\$ (8,438.47)	0	\$ 328.72	0	\$ (1,392.27)	0	\$ 109.39	0	\$ -	0	\$ -
18	FTR Mkt Admin Amount	555.13	0	\$ (2,036.00)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
19	SUBTOTAL		0	\$ (77,480.04)	0	\$ 328.72	0	\$ (3,345.99)	0	\$ 109.39	0	\$ -	0	\$ -
	Congestion & FTRs													
20	DA FBT Congestion Amount	555.03	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
21	DA Congestion		0	\$ -	0	\$ (735,859.76)	0	\$ -	0	\$ -	0	\$ -	0	\$ -
22	RT FBT Congestion Amount	555.20	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
23	RT Congestion		0	\$ (51,077.44)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
24	FTR Hourly Allocation Amount	555.14	0	\$ (55,819.76)	0	\$ 960,455.94	0	\$ -	0	\$ -	0	\$ -	0	\$ -
25	FTR Monthly Allocation Amount	555.15	0	\$ -	0	\$ 25,232.34	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	\$ (24,972.41)	0	\$ 15,162.59	0	\$ -	0	\$ -	0	\$ -	0	\$ -
29	FTR Guarantee Uplift Amount	555.37	0	\$ (15,162.59)	0	\$ 24,972.41	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	\$ (4,123,333.57)	0	\$ 4,514,049.89	0	\$ -	0	\$ -	0	\$ -	0	\$ -
	RSG & Make Whole Payments													
36	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	0	\$ (7,124.61)	0	\$ -	0	\$ (594.72)	0	\$ -	0	\$ -	0	\$ -
37	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	0	\$ -	0	\$ 18,567.66	0	\$ -	0	\$ 2,589.08	0	\$ -	0	\$ -
38	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29	0	\$ (7,116.21)	0	\$ 39.17	0	\$ (593.76)	0	\$ 3.15	0	\$ -	0	\$ -
39	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	0	\$ -	0	\$ -	0	\$ -	0	\$ 10,084.84	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		0	\$ (14,247.07)	0	\$ 39,299.63	0	\$ (1,189.00)	0	\$ 14,404.74	0	\$ -	0	\$ -
	RNU & Misc Charges													
42	RT Misc Amount	555.25	0	\$ (716.42)	0	\$ 707.27	0	\$ -	0	\$ -	0	\$ -	0	\$ -
43	RT Net Inadvertent Amount	555.27	0	\$ (19,214.46)	0	\$ 22,257.41	0	\$ -	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	\$ -	0	\$ -
45	RT Uninstructed Deviation Amount	555.31	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
46	RT Demand Response Allocation Uplift Amount	555.59	0	\$ (3,149.28)	0	\$ 27.10	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	\$ (676.29)	0	\$ 1,439.16	0	\$ -	0	\$ -	0	\$ -	0	\$ -
49	RT Schedule 49 Cost Distribution Amount	555.65	0	\$ (23,288.58)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
50	SUBTOTAL		0	\$ (205,700.42)	0	\$ 63,936.23	0	\$ (13,246.27)	0	\$ 2,143.13	0	\$ -	0	\$ -
	ASM Charges													
51	RT ASM Non-Excessive Energy Amount	555.55	(56,867)	\$ (1,298,035.07)	11,587	\$ 206,239.53	(3,492)	\$ (70,740.47)	13,004	\$ 361,091.08	0	\$ -	0	\$ -
52	RT ASM Excessive Energy Amount	555.56	(276)	\$ (1,081.06)	12	\$ 266.36	(0)	\$ (117.26)	12	\$ 202.88	0	\$ -	0	\$ -
53	SUBTOTAL		(57,143)	\$ (1,299,116.13)	11,599	\$ 206,505.89	(3,492)	\$ (70,857.73)	13,016	\$ 361,293.96	0	\$ -	0	\$ -

Otter Tail Power Company Detail of MISO Day 2 Charges - System July 2024 includes any adjustments																						
Charge Type Description		(A) Acct	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)								
			RETAIL				ASSET BASED WHOLESALE				NON ASSET BASED WHOLESALE											
			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	\$	-								
55	DA Losses Rebate on COGA	555.06	0	\$	-	0	\$	-	0	\$	-	0	\$	-								
56	RT Congestion Rebate on COGA	555.22	0	\$	-	0	\$	-	0	\$	-	0	\$	-								
57	RT Loss Rebate on COGA	555.23	0	\$	-	0	\$	-	0	\$	-	0	\$	-								
58	SUBTOTAL		0	\$	-	0	\$	-	0	\$	-	0	\$	-								
59	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								
60	Less Schedule 16 & 17 (Lines 16, 17, 18)			\$	(77,480.04)		\$	328.72														
61	Congestion and Losses Adjustment			\$	(5,232,216.22)																	
62	No DA generation sch., but still had output for current month			\$	-																	
63																						
64																						
65	Total for MN Energy Adjustment Rider			\$	(16,396,781.68)		\$	18,027,414.92														
66	Net Retail for MN Energy Adjustment Rider					1,630,633.24																
67	Retail MWh include losses of 2.8%																					
ADDITIONAL REVENUE AND COSTS OF ASSET BASED AND NON ASSET BASED TRANSACTIONS																						
68	NET MISO (Rev-Cost and MWh)																					
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																						
76	TOTAL ASSET or NON ASSET BASED WHOLESALE																					

Otter Tail Power Company																										
Detail of MISO Day 2 Charges - System																										
August 2024 includes any adjustments																										
		(A)	(B)		(C)		(D)		(E)		(F)		(G)		(H)		(I)		(J)		(K)		(L)		(M)	
Charge Type Description		Acct	RETAIL				ASSET BASED WHOLESALE				NON ASSET BASED WHOLESALE															
			MWh	Cost		MWh	Revenue		MWh	Cost		MWh	Revenue		MWh	Cost		MWh	Revenue							
No.	Day Ahead & Real Time Energy																									
1	DA Asset Energy Amount	555.02	(444,432)	\$	(12,716,309.62)	300,263	\$	9,390,610.12			0	\$	-	12,417	\$	532,142.20			0	\$	-		0	\$	-	
2	DA Non-asset Energy Amount	555.09	0	\$	-	4,206	\$	113,844.02			0	\$	-	0	\$	-			0	\$	-		0	\$	-	
3	RT Asset Energy Amount	555.19	(11,395)	\$	(28,073.93)	15,649	\$	402,625.62			0	\$	-	0	\$	-			0	\$	-		0	\$	-	
4	RT Non-Asset Energy Amount	555.26	0	\$	-	0	\$	-			0	\$	-	0	\$	-			0	\$	-		0	\$	-	
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																										
6	DA FBT Loss Amount	555.04	0	\$	-	0	\$	-			0	\$	-	0	\$	-			0	\$	-		0	\$	-	
7	RT Distribution of Losses Amount	555.24	0	\$	(32,438.56)	0	\$	231,122.84			0	\$	-	0	\$	-			0	\$	-		0	\$	-	
8	RT FBT Loss Amount	555.21	0	\$	-	0	\$	-			0	\$	-	0	\$	-			0	\$	-		0	\$	-	
9	DA Loss Amount		0	\$	(509,869.46)	0	\$	-			0	\$	-	0	\$	-			0	\$	-		0	\$	-	
10	RT Loss Amount		0	\$	(22,227.49)	0	\$	-			0	\$	-	0	\$	-			0	\$	-		0	\$	-	
11	DA Losses Rebate on Option B GFA	555.08	0	\$	-	0	\$	-			0	\$	-	0	\$	-			0	\$	-		0	\$	-	
12	SUBTOTAL		0	\$	(564,535.51)	0	\$	231,122.84			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	\$	(58,472.22)	0	\$	-			0	\$	(995.57)	0	\$	-			0	\$	-		0	\$	-	
17	RT Mkt Admin Amount	555.18	0	\$	(7,595.91)	0	\$	416.92			0	\$	(1,467.97)	0	\$	171.51			0	\$	-		0	\$	-	
18	FTR Mkt Admin Amount	555.13	0	\$	(1,776.32)	0	\$	-			0	\$	-	0	\$	-			0	\$	-		0	\$	-	
19	SUBTOTAL		0	\$	(67,844.45)	0	\$	416.92			0	\$	(2,463.54)	0	\$	171.51			0	\$	-		0	\$	-	
Congestion & FTRs																										
20	DA FBT Congestion Amount	555.03	0	\$	-	0	\$	-			0	\$	-	0	\$	-			0	\$	-		0	\$	-	
21	DA Congestion		0	\$	-	0	\$	(1,557,383.88)			0	\$	-	0	\$	-			0	\$	-		0	\$	-	
22	RT FBT Congestion Amount	555.20	0	\$	-	0	\$	-			0	\$	-	0	\$	-			0	\$	-		0	\$	-	
23	RT Congestion		0	\$	(326,515.02)	0	\$	-			0	\$	-	0	\$	-			0	\$	-		0	\$	-	
24	FTR Hourly Allocation Amount	555.14	0	\$	(173,926.22)	0	\$	2,572,436.77			0	\$	-	0	\$	-			0	\$	-		0	\$	-	
25	FTR Monthly Allocation Amount	555.15	0	\$	-	0	\$	15,468.66			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	\$	(15,468.66)	0	\$	116,515.28			0	\$	-	0	\$	-			0	\$	-		0	\$	-	
29	FTR Guarantee Uplift Amount	555.37	0	\$	(116,515.28)	0	\$	15,468.66			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	\$	(4,608,726.55)	0	\$	5,386,591.86			0	\$	-	0	\$	-			0	\$	-		0	\$	-	
RSG & Make Whole Payments																										
36	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	0	\$	(6,667.01)	0	\$	-			0	\$	(320.25)	0	\$	-			0	\$	-		0	\$	-	
37	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	0	\$	-	0	\$	4,457.82			0	\$	-	0	\$	1,524.27			0	\$	-		0	\$	-	
38	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29	0	\$	(15,636.82)	0	\$	87.85			0	\$	(751.13)	0	\$	4.11			0	\$	-		0	\$	-	
39	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	0	\$	-	0	\$	-			0	\$	(28.42)	0	\$	18,580.54			0	\$	-		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		0	\$	(22,312.20)	0	\$	30,567.61			0	\$	(1,100.18)	0	\$	21,359.38			0	\$	-		0	\$	-	
RNU & Misc Charges																										
42	RT Misc Amount	555.25	0	\$	(28.70)	0	\$	-			0	\$	-	0	\$	-			0	\$	-		0	\$	-	
43	RT Net Inadvertent Amount	555.27	0	\$	(7,421.53)	0	\$	14,700.77			0	\$	-	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	\$	-		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	0	\$	(1,345.32)	0	\$	1,226.47			0	\$	-	0	\$	-			0	\$	-		0	\$	-	
49	RT Schedule 49 Cost Distribution Amount	555.65	0	\$	(17,931.59)	0	\$	-			0	\$	-	0	\$	-			0	\$	-		0	\$	-	
50	SUBTOTAL		0	\$	(124,458.84)	0	\$	32,153.47			0	\$	(4,565.26)	0	\$	316.80			0	\$	-		0	\$	-	
ASM Charges																										
51	RT ASM Non-Excessive Energy Amount	555.55	(59,436)	\$	(1,171,187.10)	17,775	\$	240,598.44			(3,327)	\$	(67,009.12)	13,028	\$	370,967.37			0	\$	-		0	\$	-	
52	RT ASM Excessive Energy Amount	555.56	(487)	\$	(3,716.60)	273	\$	26.03			(12)	\$	(219.97)	37	\$	228.21			0	\$	-		0	\$	-	
53	SUBTOTAL		(59,923)	\$	(1,174,903.70)	18,048	\$	240,624.47			(3,339)	\$	(67,229.09)	13,065	\$	371,195.58			0	\$	-		0	\$	-	

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



	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)
	Charge Type Description	Acct	RETAIL				ASSET BASED WHOLESALE				NON ASSET BASED WHOLESALE			
			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	(448,545)	\$ (12,732,393.34)	264,556	\$ 8,454,402.57	0	\$ -	4,685	\$ 270,848.49	0	\$ -	0	\$ -
2	DA Non-asset Energy Amount	555.09	0	\$ -	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	555.26	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
5	SUBTOTAL		(462,276)	\$ (12,924,566.80)	284,394	\$ 9,123,444.71	0	\$ -	4,685	\$ 270,848.49	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	\$ (21,000.36)	0	\$ 208,277.47	0	\$ -	0	\$ -	0	\$ -	0	\$ -
8	RT FBT Loss Amount	555.21	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
9	DA Loss Amount		0	\$ (497,172.55)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
10	RT Loss Amount		0	\$ (12,023.26)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
11	DA Losses Rebate on Option B GFA	555.08	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
12	SUBTOTAL		0	\$ (530,196.17)	0	\$ 208,277.47	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	\$ (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	\$ -	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	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
35	SUBTOTAL		0	\$ (6,632,067.94)	0	\$ 10,290,651.67	0	\$ -	0	\$ -	0	\$ -	0	\$ -
	RSG & Make Whole Payments													
36	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	0	\$ (9,348.01)	0	\$ -	0	\$ (327.66)	0	\$ -	0	\$ -	0	\$ -
37	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	0	\$ -	0	\$ 3,655.10	0	\$ -	0	\$ 34.24	0	\$ -	0	\$ -
38	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29	0	\$ (14,384.29)	0	\$ 2,447.61	0	\$ (504.03)	0	\$ 85.63	0	\$ -	0	\$ -
39	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	0	\$ -	0	\$ -	0	\$ -	0	\$ 37,054.58	0	\$ -	0	\$ -
40	RT Price Volatility Make Whole Payment	555.42	0	\$ (28.13)	0	\$ 32,730.34	0	\$ (0.97)	0	\$ 1,147.82	0	\$ -	0	\$ -
41	SUBTOTAL		0	\$ (23,760.43)	0	\$ 38,833.05	0	\$ (832.66)	0	\$ 38,322.27	0	\$ -	0	\$ -
	RNU & Misc Charges													
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	\$ -	0	\$ -	0	\$ -
44	RT Revenue Neutrality Uplift Amount	555.28	0	\$ (162,788.80)	0	\$ 4,257.66	0	\$ (5,708.36)	0	\$ 149.07	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	\$ (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	\$ -	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 Tail Power Company																					
Detail of MISO Day 2 Charges - System																					
September 2024 includes any adjustments																					
Charge Type Description	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)								
	Acct	RETAIL				ASSET BASED WHOLESALE				NON ASSET BASED WHOLESALE											
		MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue								
Grandfathered Charge Types																					
DA Congestion Rebate on COGA	555.05	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
DA Losses Rebate on COGA	555.06	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
RT Congestion Rebate on COGA	555.22	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
RT Loss Rebate on COGA	555.23	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
SUBTOTAL		0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -								
TOTAL MISO DAY 2 CHARGES		(511,547)	\$ (21,512,289.97)	313,612	\$ 20,152,519.20	(251)	\$ (25,443.05)	16,348	\$ 653,755.55	0	\$ -	0	\$ -								
Less Schedule 16 & 17 (Lines 16, 17, 18)		\$	(71,123.71)		\$ 435.26																
Congestion and Losses Adjustment		\$	119,620.89																		
No DA generation sch., but still had output for current month		\$	-																		
Total for MN Energy Adjustment Rider			\$ (21,560,787.15)		\$ 20,152,083.94																
Net Retail for MN Energy Adjustment Rider				\$ (1,408,703.21)																	
Retail MWh include losses of 2.8%																					
ADDITIONAL REVENUE AND COSTS OF ASSET BASED AND NON ASSET BASED TRANSACTIONS																					
NET MISO (Rev.-Cost and MWh)								\$	628,312.50			\$	-								
Less: Fuel Cost							15,984	\$	428,436.77			\$	-								
Less: Misc Cost Adjustment								\$	(3,435.24)			\$	-								
Plus: Capacity Revenue												\$	-								
Plus: Bilateral Sales												\$	-								
Less: Bilateral Purchases												\$	-								
Less: Schedule 24 for Asset Based Sales								\$	230.64			\$	-								
TOTAL ASSET or NON ASSET BASED WHOLESALE								\$	203,080.33			\$	-								

	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)
	Charge Type Description	Acct	RETAIL				ASSET BASED WHOLESALE				NON ASSET BASED WHOLESALE			
			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	(421,667)	\$ (10,615,347.79)	197,946	\$ 4,983,882.88	0	\$ -	607	\$ 31,472.58	0	\$ -	0	\$ -
2	DA Non-asset Energy Amount	555.09	0	\$ (346.41)	4,008	\$ 93,965.40	0	\$ -	0	\$ -	0	\$ -	0	\$ -
3	RT Asset Energy Amount	555.19	(35,889)	\$ (915,424.52)	7,567	\$ 190,695.94	0	\$ -	0	\$ -	0	\$ -	0	\$ -
4	RT Non-Asset Energy Amount	555.26	0	\$ (0.24)	0	\$ 0.24	0	\$ -	0	\$ -	0	\$ -	0	\$ -
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													
6	DA FBT Loss Amount	555.04	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
7	RT Distribution of Losses Amount	555.24	0	\$ (49,686.08)	0	\$ 167,064.97	0	\$ -	0	\$ -	0	\$ -	0	\$ -
8	RT FBT Loss Amount	555.21	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
9	DA Loss Amount		0	\$ (273,050.78)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
10	RT Loss Amount		0	\$ (58,448.91)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
11	DA Losses Rebate on Option B GFA	555.08	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
12	SUBTOTAL		0	\$ (381,185.77)	0	\$ 167,064.97	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	\$ (56,802.61)	0	\$ -	0	\$ (57.02)	0	\$ -	0	\$ -	0	\$ -
17	RT Mkt Admin Amount	555.18	0	\$ (9,029.71)	0	\$ 290.25	0	\$ (900.54)	0	\$ 13.59	0	\$ -	0	\$ -
18	FTR Mkt Admin Amount	555.13	0	\$ (1,408.00)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
19	SUBTOTAL		0	\$ (67,240.32)	0	\$ 290.25	0	\$ (957.56)	0	\$ 13.59	0	\$ -	0	\$ -
	Congestion & FTRs													
20	DA FBT Congestion Amount	555.03	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
21	DA Congestion		0	\$ -	0	\$ (1,270,487.75)	0	\$ -	0	\$ -	0	\$ -	0	\$ -
22	RT FBT Congestion Amount	555.20	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
23	RT Congestion		0	\$ (281,203.08)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
24	FTR Hourly Allocation Amount	555.14	0	\$ (167,140.68)	0	\$ 5,851,623.64	0	\$ -	0	\$ -	0	\$ -	0	\$ -
25	FTR Monthly Allocation Amount	555.15	0	\$ -	0	\$ 227,233.65	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	\$ (225,455.35)	0	\$ 89,278.28	0	\$ -	0	\$ -	0	\$ -	0	\$ -
29	FTR Guarantee Uplift Amount	555.37	0	\$ (89,278.28)	0	\$ 225,944.25	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	DA Congestion Rebate on Option B GFA	555.07	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
35	SUBTOTAL		0	\$ (6,661,114.79)	0	\$ 11,295,608.07	0	\$ -	0	\$ -	0	\$ -	0	\$ -
	RSG & Make Whole Payments													
36	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	0	\$ (8,132.16)	0	\$ -	0	\$ (166.75)	0	\$ -	0	\$ -	0	\$ -
37	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	0	\$ -	0	\$ 3,699.71	0	\$ -	0	\$ -	0	\$ -	0	\$ -
38	RT Revenue Sufficiency Guarantee First Pass Distribution Amount	555.29	0	\$ (3,763.38)	0	\$ 153.25	0	\$ (76.85)	0	\$ 3.09	0	\$ -	0	\$ -
39	RT Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.30	0	\$ -	0	\$ -	0	\$ (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		0	\$ (11,895.54)	0	\$ 32,320.89	0	\$ (279.88)	0	\$ 587.48	0	\$ -	0	\$ -
	RNU & Misc Charges													
42	RT Misc Amount	555.25	0	\$ -	0	\$ 684.81	0	\$ -	0	\$ -	0	\$ -	0	\$ -
43	RT Net Inadvertent Amount	555.27	0	\$ (6,454.27)	0	\$ 15,448.35	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	\$ -	0	\$ -
45	RT Uninstructed Deviation Amount	555.31	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
46	RT Demand Response Allocation Uplift Amount	555.59	0	\$ (8,206.20)	0	\$ 51.13	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	0	\$ (300.89)	0	\$ 1,138.68	0	\$ -	0	\$ -	0	\$ -	0	\$ -
49	RT Schedule 49 Cost Distribution Amount	555.65	0	\$ (19,950.83)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
50	SUBTOTAL		0	\$ (245,327.11)	0	\$ 31,438.98	0	\$ (4,319.32)	0	\$ 148.58	0	\$ -	0	\$ -
	ASM Charges													
51	RT ASM Non-Excessive Energy Amount	555.55	(28,198)	\$ (816,806.23)	19,733	\$ 257,561.08	(379)	\$ (16,302.98)	9,013	\$ 336,054.99	0	\$ -	0	\$ -
52	RT ASM Excessive Energy Amount	555.56	(16)	\$ (32.38)	57	\$ 121.69	0	\$ (26.88)	1	\$ -	0	\$ -	0	\$ -
53	SUBTOTAL		(28,215)	\$ (816,838.61)	19,790	\$ 257,682.77	(379)	\$ (16,329.86)	9,014	\$ 336,054.99	0	\$ -	0	\$ -

[illegible]

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)	(L)	(M)
	Charge Type Description	Acct	RETAIL				ASSET BASED WHOLESALE				NON ASSET BASED WHOLESALE			
			MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue	MWh	Cost	MWh	Revenue
No.	Day Ahead & Real Time Energy													
1	DA Asset Energy Amount	555.02	(461,089)	\$ (10,215,422.57)	257,078	\$ 5,922,771.31	0	\$ -	5,501	\$ 217,465.23	0	\$ -	0	\$ -
2	DA Non-asset Energy Amount	555.09	0	\$ -	4,219	\$ 88,328.98	0	\$ -	0	\$ -	0	\$ -	0	\$ -
3	RT Asset Energy Amount	555.19	(15,411)	\$ (330,771.14)	22,349	\$ 544,466.71	0	\$ -	0	\$ -	0	\$ -	0	\$ -
4	RT Non-Asset Energy Amount	555.26	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
5	SUBTOTAL		(476,501)	\$ (10,546,193.71)	283,646	\$ 6,555,567.00	0	\$ -	5,501	\$ 217,465.23	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	\$ (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		0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
	Schedules 16 & 17													
16	DA Mkt Admin Amount	555.01	0	\$ (63,964.73)	0	\$ -	0	\$ (498.92)	0	\$ -	0	\$ -	0	\$ -
17	RT Mkt Admin Amount	555.18	0	\$ (10,066.87)	0	\$ 732.32	0	\$ (1,073.30)	0	\$ 0.68	0	\$ -	0	\$ -
18	FTR Mkt Admin Amount	555.13	0	\$ (1,143.60)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
19	SUBTOTAL		0	\$ (75,175.20)	0	\$ 732.32	0	\$ (1,572.22)	0	\$ 0.68	0	\$ -	0	\$ -
	Congestion & FTRs													
20	DA FBT Congestion Amount	555.03	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
21	DA Congestion		0	\$ -	0	\$ (1,409,707.98)	0	\$ -	0	\$ -	0	\$ -	0	\$ -
22	RT FBT Congestion Amount	555.20	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
23	RT Congestion		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	DA Congestion Rebate on Option B GFA	555.07	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
35	SUBTOTAL		0	\$ (6,569,316.95)	0	\$ 9,524,566.70	0	\$ -	0	\$ -	0	\$ -	0	\$ -
	RSG & Make Whole Payments													
36	DA Revenue Sufficiency Guarantee Distribution Amount	555.10	0	\$ (6,004.19)	0	\$ -	0	\$ (202.65)	0	\$ -	0	\$ -	0	\$ -
37	DA Revenue Sufficiency Guarantee Make Whole Pymt Amount	555.11	0	\$ -	0	\$ 8,059.44	0	\$ -	0	\$ 312.58	0	\$ -	0	\$ -
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	\$ -	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	\$ -	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	RT Schedule 49 Cost Distribution Amount	555.65	0	\$ (22,154.44)	0	\$ 42.63	0	\$ -	0	\$ -	0	\$ -	0	\$ -
50	SUBTOTAL		0	\$ (274,277.04)	0	\$ 70,850.76	0	\$ (8,050.50)	0	\$ 715.53	0	\$ -	0	\$ -
	ASM Charges													
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	555.56	(1)	\$ (120.09)	43	\$ -	0	\$ -	36	\$ 583.92	0	\$ -	0	\$ -
53	SUBTOTAL		(61,080)	\$ (1,325,717.55)	19,106	\$ 292,945.52	(1,596)	\$ (47,835.57)	9,813	\$ 231,675.41	0	\$ -	0	\$ -

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

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)
	Charge Type Description	Acct	RETAIL				ASSET BASED WHOLESALE				NON ASSET BASED WHOLESALE			
			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	(639,170)	\$ (22,030,355.03)	414,128	\$ 15,094,674.69	0	\$ -	16,474	\$ 928,241.66	0	\$ -	0	\$ -
2	DA Non-asset Energy Amount	555.09	0	\$ -	5,304	\$ 149,222.81	0	\$ -	0	\$ -	0	\$ -	0	\$ -
3	RT Asset Energy Amount	555.19	(21,956)	\$ (456,393.83)	21,878	\$ 643,027.93	0	\$ -	0	\$ -	0	\$ -	0	\$ -
4	RT Non-Asset Energy Amount	555.26	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
5	SUBTOTAL		(661,125)	\$ (22,486,748.86)	441,310	\$ 15,886,925.43	0	\$ -	16,474	\$ 928,241.66	0	\$ -	0	\$ -
	Day Ahead & Real Time Energy Loss													
6	DA FBT Loss Amount	555.04	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
7	RT Distribution of Losses Amount	555.24	0	\$ (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													
20	DA FBT Congestion Amount	555.03	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
21	DA Congestion		0	\$ -	0	\$ (1,767,367.21)	0	\$ -	0	\$ -	0	\$ -	0	\$ -
22	RT FBT Congestion Amount	555.20	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
23	RT Congestion		0	\$ (325,632.70)	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
24	FTR Hourly Allocation Amount	555.14	0	\$ (71,159.92)	0	\$ 2,739,577.14	0	\$ -	0	\$ -	0	\$ -	0	\$ -
25	FTR Monthly Allocation Amount	555.15	0	\$ -	0	\$ 69,690.30	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	\$ (69,679.08)	0	\$ 56,987.41	0	\$ -	0	\$ -	0	\$ -	0	\$ -
29	FTR Guarantee Uplift Amount	555.37	0	\$ (56,987.41)	0	\$ 69,679.08	0	\$ -	0	\$ -	0	\$ -	0	\$ -
30	FTR Auction Revenue Rights Transaction Amount	555.39	0	\$ (4,311.73)	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	\$ -	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	\$ -	0	\$ -	0	\$ -	0	\$ -
50	SUBTOTAL		0	\$ (279,167.70)	0	\$ 79,492.76	0	\$ (15,792.93)	0	\$ 3,718.55	0	\$ -	0	\$ -
	ASM Charges													
51	RT ASM Non-Excessive Energy Amount	555.55	(70,331)	\$ (3,080,927.47)	19,774	\$ 443,053.48	(3,186)	\$ (87,854.29)	25,535	\$ 978,941.33	0	\$ -	0	\$ -
52	RT ASM Excessive Energy Amount	555.56	(117)	\$ -	10	\$ 46.89	0	\$ (55.38)	59	\$ 1,387.08	0	\$ -	0	\$ -
53	SUBTOTAL		(70,449)	\$ (3,080,927.47)	19,784	\$ 443,100.37	(3,186)	\$ (87,909.67)	25,594	\$ 980,328.41	0	\$ -	0	\$ -





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

Otter Tail Power Company Detail of MISO Day 2 Charges - System Year to Date 2024 includes any adjustments																								
Charge Type Description		(A) Acct	(B)		(C)		(D)		(E)		(F)	(G)		(H)		(I)		(J)	(K)		(L)		(M)	
			RETAIL				ASSET BASED WHOLESALE					NON ASSET BASED WHOLESALE												
			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	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
55	DA Losses Rebate on COGA	555.06	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
56	RT Congestion Rebate on COGA	555.22	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
57	RT Loss Rebate on COGA	555.23	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
58	SUBTOTAL		0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
59	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	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
60	Less Schedule 16 & 17 (Lines 16, 17, 18)			\$ (934,346.76)		\$ 4,784.80																		
61	Congestion and Losses Adjustment			\$ (5,137,626.76)	0	\$ -																		
62	No DA generation sch., but still had output for current month			\$ (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%																							
ADDITIONAL REVENUE AND COSTS OF ASSET BASED AND NON ASSET BASED TRANSACTIONS																								
68	NET MISO (Rev-Cost and MWh)												\$ 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	Plus: Bilateral Sales																			\$ -				
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						\$ -				

Otter Tail Power Company							
Detail of Southwest Power Pool (SPP) Charges by Charge Group for Current Month - System							
January 2024 includes any adjustments							
(Revenue) Expense							
	(A)	(B)	(C)	(D)	(E)	(F) and (G)**	
Charge Type Description	Acct	Retail Debits	Retail Credits	Retail Adjustments	Net Retail	Charge types with MWH for Retail	
<b>No. Day Ahead &amp; Real Time Asset &amp; Non Asset Energy &amp; Loss</b>							
1 DA Asset Energy Amount	555.19	\$ -	\$ -	\$ -	\$ -	-	-
2 DA Non-asset Energy Amount	555.03	\$ -	\$ -	\$ -	\$ -	-	-
3 RT Asset Energy Amount	555.09	\$ -	\$ -	\$ (84.07)	\$ (84.07)	-	-
4 RT Non-Asset Energy Amount	555.00	\$ -	\$ -	\$ -	\$ -	-	-
5 <b>TOTAL</b>		\$ -	\$ -	\$ (84.07)	\$ (84.07)	-	-
<b>RSG &amp; Make Whole Payments</b>							
6 DA Make-Whole-Payment Distribution Amount	555.02	\$ -	\$ -	\$ -	\$ -	-	-
7 RT Make-Whole-Payment Distribution Amount	555.10	\$ -	\$ -	\$ (5.85)	\$ (5.85)	-	-
8 RT Revenue Sufficiency Guarantee Distribution Amount	555.18	\$ -	\$ -	\$ -	\$ -	-	-
9 <b>TOTAL</b>		\$ -	\$ -	\$ (5.85)	\$ (5.85)	-	-
<b>Revenue Neutrality Uplift</b>							
10 RT Revenue Neutrality Uplift Distribution Amount	555.15	\$ -	\$ -	\$ 2.23	\$ 2.23	-	-
11 <b>TOTAL</b>		\$ -	\$ -	\$ 2.23	\$ 2.23	-	-
<b>Other Charges</b>							
12 DA Regulation-Down Distribution Amount	555.04	\$ -	\$ -	\$ (0.10)	\$ (0.10)	-	-
13 DA Regulation-Up Distribution Amount	555.05	\$ -	\$ -	\$ (0.29)	\$ (0.29)	-	-
14 DA Spinning Reserve Distribution Amount	555.06	\$ -	\$ -	\$ (0.31)	\$ (0.31)	-	-
15 DA Supplemental Reserve Distribution Amount	555.07	\$ -	\$ -	\$ (0.07)	\$ (0.07)	-	-
16 RT Contingency Reserve Deployment Failure Amount	555.08	\$ -	\$ -	\$ -	\$ -	-	-
17 RT Over-Collected Losses Distribution Amount	555.11	\$ -	\$ (31,163.33)	\$ (136.78)	\$ (31,300.11)	-	-
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	\$ (15,133.10)	\$ -	\$ 36,729.78	-	-
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)	\$ (0.13)	-	-
29 RT Schedule 1A4 Amount	555.30	\$ -	\$ -	\$ (0.57)	\$ (0.57)	-	-
30 DA Ramp Up Distribution Amount	555.31	\$ -	\$ -	\$ (0.05)	\$ (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	\$ -	\$ -	\$ -	\$ -	-	-
34 RT Ramp Down Distribution Amount	555.35	\$ -	\$ -	\$ -	\$ -	-	-
35 ArrAucTxnAoAmt	555.36	\$ -	\$ (290,733.80)	\$ -	\$ (290,733.80)	-	-
36 <b>TOTAL</b>		\$ 387,053.05	\$ (586,625.90)	\$ (138.30)	\$ (199,711.15)	-	-
<b>Grandfathered Charge Types</b>							
37 DA GFA Carve Out Distribution Deployment Daily Amount	555.01	\$ -	\$ -	\$ (0.15)	\$ (0.15)	-	-
38 DA GFA Carve Out Distribution Deployment Monthly Amount	555.22	\$ -	\$ -	\$ -	\$ -	-	-
39 DA GFA Carve Out Distribution Deployment Yearly Amount	555.27	\$ -	\$ -	\$ -	\$ -	-	-
40 <b>TOTAL</b>		\$ -	\$ -	\$ (0.15)	\$ (0.15)	-	-
41 <b>TOTAL SPP CHARGES</b>		\$ 387,053.05	\$ (586,625.90)	\$ (226.14)	\$ (199,798.99)	-	-
42 Net SPP Charges for Retail = (B) + (C) + (D)			\$ (199,798.99)				
43 Net KWH for retail = ((F) + (G)) * 1,000							-
44 January 2024 covers time period of 12/26/2023 -- 01/23/2024						** (F) and (G) increased for losses of 2.8%	
45 <b>SPP Book Totals</b>		<b>Net Retail</b>	<b>Net SPP KWH</b>				
46 <b>Adjustments</b>		\$ (199,572.85)	-				
47 <b>Total SPP</b>		\$ (226.14)	-				
		\$ (199,798.99)	-				

Otter Tail Power Company							
Detail of Southwest Power Pool (SPP) Charges by Charge Group for Current Month - System							
February 2024 includes any adjustments							
(Revenue) Expense							
		(A)	(B)	(C)	(D)	(E)	(F) and (G)**
	Charge Type Description	Acct	Retail Debits	Retail Credits	Retail Adjustments	Net Retail	Charge types with MWH for Retail
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	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	-
<b>RSG &amp; Make Whole Payments</b>							
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	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	-
<b>Revenue Neutrality Uplift</b>							
10	RT Revenue Neutrality Uplift Distribution Amount	555.15	\$ -	\$ -	\$ -	\$ -	-
11	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	-
<b>Other Charges</b>							
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	\$ 2.99	\$ (8,220.12)	\$ (136.18)	\$ (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	Miscellaneous Amount	555.23	\$ -	\$ -	\$ -	\$ -	-
26	ARR Closeout Yearly Amount	555.26	\$ -	\$ -	\$ -	\$ -	-
27	RT Demand Reduction Distribution Amount	555.28	\$ -	\$ -	\$ -	\$ -	-
28	RT Schedule 1A3 Amount	555.29	\$ -	\$ -	\$ -	\$ -	-
29	RT Schedule 1A4 Amount	555.30	\$ -	\$ -	\$ -	\$ -	-
30	DA Ramp Up Distribution Amount	555.31	\$ -	\$ -	\$ -	\$ -	-
31	DA Ramp Down Distribution Amount	555.32	\$ -	\$ -	\$ -	\$ -	-
32	RT Ramp Non Performance Distribution Amount	555.33	\$ -	\$ -	\$ -	\$ -	-
33	RT Ramp Up Distribution Amount	555.34	\$ -	\$ -	\$ -	\$ -	-
34	RT Ramp Down Distribution Amount	555.35	\$ -	\$ -	\$ -	\$ -	-
35	ArrAucTxnAoAmt	555.36	\$ -	\$ (338,707.46)	\$ -	\$ (338,707.46)	-
36	<b>TOTAL</b>		\$ 229,609.07	\$ (363,038.32)	\$ (136.18)	\$ (133,565.43)	-
<b>Grandfathered Charge Types</b>							
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	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	-
41	<b>TOTAL SPP CHARGES</b>		\$ 229,609.07	\$ (363,038.32)	\$ (136.18)	\$ (133,565.43)	-
42	Net SPP Charges for Retail = (B) + (C) + (D)			\$ (133,565.43)			-
43	Net KWH for retail = ((F) + (G)) * 1,000						-
44	February 2024 covers time period of 1/24/2024 - 2/21/2024					** (F) and (G) increased for losses of 2.8%	
45	<b>SPP Book Totals</b>		<b>Net Retail</b>	<b>Net SPP KWH</b>			
46	<b>Adjustments</b>		\$ (133,429.25)	-			
47	<b>Total SPP</b>		\$ (133,565.43)	-			

Otter Tail Power Company Detail of Southwest Power Pool (SPP) Charges by Charge Group for Current Month - System March 2024 includes any adjustments (Revenue) Expense								
Charge Type Description		(A)	(B)	(C)	(D)	(E)	(F) and (G)**	
		Acct	Retail Debits	Retail Credits	Retail Adjustments	Net Retail	Charge types with MWH for Retail	
No.	Day Ahead & Real Time Asset & Non Asset Energy & Loss							
1	DA Asset Energy Amount	555.19	\$ -	\$ -	\$ -	\$ -	-	-
2	DA Non-asset Energy Amount	555.03	\$ -	\$ -	\$ -	\$ -	-	-
3	RT Asset Energy Amount	555.09	\$ -	\$ -	\$ 46.90	\$ 46.90	-	-
4	RT Non-Asset Energy Amount	555.00	\$ -	\$ -	\$ -	\$ -	-	-
5	<b>TOTAL</b>		\$ -	\$ -	\$ 46.90	\$ 46.90	-	-
<b>RSG &amp; Make Whole Payments</b>								
6	DA Make-Whole-Payment Distribution Amount	555.02	\$ -	\$ -	\$ -	\$ -	-	-
7	RT Make-Whole-Payment Distribution Amount	555.10	\$ -	\$ -	\$ 6.35	\$ 6.35	-	-
8	RT Revenue Sufficiency Guarantee Distribution Amount	555.18	\$ -	\$ -	\$ -	\$ -	-	-
9	<b>TOTAL</b>		\$ -	\$ -	\$ 6.35	\$ 6.35	-	-
<b>Revenue Neutrality Uplift</b>								
10	RT Revenue Neutrality Uplift Distribution Amount	555.15	\$ -	\$ -	\$ (7.54)	\$ (7.54)	-	-
11	<b>TOTAL</b>		\$ -	\$ -	\$ (7.54)	\$ (7.54)	-	-
<b>Other Charges</b>								
12	DA Regulation-Down Distribution Amount	555.04	\$ -	\$ -	\$ 0.14	\$ 0.14	-	-
13	DA Regulation-Up Distribution Amount	555.05	\$ -	\$ -	\$ 0.27	\$ 0.27	-	-
14	DA Spinning Reserve Distribution Amount	555.06	\$ -	\$ -	\$ 0.20	\$ 0.20	-	-
15	DA Supplemental Reserve Distribution Amount	555.07	\$ -	\$ -	\$ 0.05	\$ 0.05	-	-
16	RT Contingency Reserve Deployment Failure Amount	555.08	\$ -	\$ -	\$ -	\$ -	-	-
17	RT Over-Collected Losses Distribution Amount	555.11	\$ 354.50	\$ (6,884.43)	\$ 143.70	\$ (6,386.23)	-	-
18	RT Regulation-Down Distribution Amount	555.12	\$ -	\$ -	\$ -	\$ -	-	-
19	RT Regulation Non-Performance Distribution Amount	555.13	\$ -	\$ -	\$ -	\$ -	-	-
20	RT Regulation-Up Distribution Amount	555.14	\$ -	\$ -	\$ -	\$ -	-	-
21	RT Spinning Reserve Distribution Amount	555.16	\$ -	\$ -	\$ -	\$ -	-	-
22	RT Supplemental Reserve Distribution Amount	555.17	\$ -	\$ -	\$ -	\$ -	-	-
23	RT Pseudo Tie Congestion Amount	555.20	\$ 120,788.82	\$ (67,874.06)	\$ 936.45	\$ 53,851.21	-	-
24	RT Pseudo Tie Loss Amount	555.21	\$ 10,126.28	\$ (4,082.24)	\$ 111.94	\$ 6,155.98	-	-
25	Miscellaneous Amount	555.23	\$ -	\$ (0.14)	\$ -	\$ (0.14)	-	-
26	ARR Closeout Yearly Amount	555.26	\$ -	\$ -	\$ -	\$ -	-	-
27	RT Demand Reduction Distribution Amount	555.28	\$ -	\$ -	\$ 0.01	\$ 0.01	-	-
28	RT Schedule 1A3 Amount	555.29	\$ -	\$ -	\$ 0.08	\$ 0.08	-	-
29	RT Schedule 1A4 Amount	555.30	\$ -	\$ -	\$ 0.41	\$ 0.41	-	-
30	DA Ramp Up Distribution Amount	555.31	\$ -	\$ -	\$ 0.02	\$ 0.02	-	-
31	DA Ramp Down Distribution Amount	555.32	\$ -	\$ -	\$ -	\$ -	-	-
32	RT Ramp Non Performance Distribution Amount	555.33	\$ -	\$ -	\$ 0.01	\$ 0.01	-	-
33	RT Ramp Up Distribution Amount	555.34	\$ -	\$ -	\$ -	\$ -	-	-
34	RT Ramp Down Distribution Amount	555.35	\$ -	\$ -	\$ -	\$ -	-	-
35	ArrAucTxnAoAmt	555.36	\$ -	\$ (90,507.68)	\$ -	\$ (90,507.68)	-	-
36	<b>TOTAL</b>		\$ 131,269.60	\$ (169,348.55)	\$ 1,193.28	\$ (36,885.67)	-	-
<b>Grandfathered Charge Types</b>								
37	DA GFA Carve Out Distribution Deployment Daily Amount	555.01	\$ -	\$ -	\$ 0.07	\$ 0.07	-	-
38	DA GFA Carve Out Distribution Deployment Monthly Amount	555.22	\$ -	\$ -	\$ -	\$ -	-	-
39	DA GFA Carve Out Distribution Deployment Yearly Amount	555.27	\$ -	\$ -	\$ -	\$ -	-	-
40	<b>TOTAL</b>		\$ -	\$ -	\$ 0.07	\$ 0.07	-	-
41	<b>TOTAL SPP CHARGES</b>		\$ 131,269.60	\$ (169,348.55)	\$ 1,239.06	\$ (36,839.89)	-	-
42	Net SPP Charges for Retail = (B) + (C) + (D)			\$ (36,839.89)				-
43	Net KWH for retail = ((F) + (G)) * 1,000							-
44	March 2024 covers time period of 2/22/2024 - 3/21/2024						** (F) and (G) increased for losses of 2.8%	
45	<b>SPP Book Totals</b>		<b>Net Retail</b>	<b>Net SPP KWH</b>				
46	<b>Adjustments</b>		\$ (38,078.95)	-				
47	<b>Total SPP</b>		\$ 1,239.06	-				
			\$ (36,839.89)	-				

Otter Tail Power Company Detail of Southwest Power Pool (SPP) Charges by Charge Group for Current Month - System April 2024 includes any adjustments (Revenue) Expense							
	Charge Type Description	(A) Acct	(B) Retail Debits	(C) Retail Credits	(D) Retail Adjustments	(E) Net Retail	(F) and (G)** Charge types with MWH for Retail
No.	Day Ahead & Real Time Asset & Non Asset Energy & Loss						
1	DA Asset Energy Amount	555.19	\$ -	\$ -	\$ -	\$ -	-
2	DA Non-asset Energy Amount	555.03	\$ -	\$ -	\$ -	\$ -	-
3	RT Asset Energy Amount	555.09	\$ 4,575.13	\$ -	\$ -	\$ 4,575.13	422
4	RT Non-Asset Energy Amount	555.00	\$ -	\$ -	\$ -	\$ -	-
5	<b>TOTAL</b>		<b>\$ 4,575.13</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,575.13</b>	<b>422</b>
<b>RSG &amp; Make Whole Payments</b>							
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	\$ -	\$ -	\$ -	\$ -	-
9	<b>TOTAL</b>		<b>\$ 521.74</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 521.74</b>	<b>-</b>
<b>Revenue Neutrality Uplift</b>							
10	RT Revenue Neutrality Uplift Distribution Amount	555.15	\$ 202.22	\$ (6.12)	\$ -	\$ 196.10	-
11	<b>TOTAL</b>		<b>\$ 202.22</b>	<b>\$ (6.12)</b>	<b>\$ -</b>	<b>\$ 196.10</b>	<b>-</b>
<b>Other Charges</b>							
12	DA Regulation-Down Distribution Amount	555.04	\$ 45.47	\$ -	\$ -	\$ 45.47	-
13	DA Regulation-Up Distribution Amount	555.05	\$ 85.41	\$ -	\$ -	\$ 85.41	-
14	DA Spinning Reserve Distribution Amount	555.06	\$ 47.18	\$ -	\$ -	\$ 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	\$ 97.87	\$ (6,593.99)	\$ (57.34)	\$ (6,553.46)	-
18	RT Regulation-Down Distribution Amount	555.12	\$ 7.76	\$ -	\$ -	\$ 7.76	-
19	RT Regulation Non-Performance Distribution Amount	555.13	\$ -	\$ (10.74)	\$ -	\$ (10.74)	-
20	RT Regulation-Up Distribution Amount	555.14	\$ 2.05	\$ (3.57)	\$ -	\$ (1.52)	-
21	RT Spinning Reserve Distribution Amount	555.16	\$ 0.95	\$ (0.34)	\$ -	\$ 0.61	-
22	RT Supplemental Reserve Distribution Amount	555.17	\$ -	\$ (1.59)	\$ -	\$ (1.59)	-
23	RT Pseudo Tie Congestion Amount	555.20	\$ 53,377.13	\$ (109,218.90)	\$ -	\$ (55,841.77)	-
24	RT Pseudo Tie Loss Amount	555.21	\$ 12,849.83	\$ (3,649.72)	\$ -	\$ 9,200.11	-
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	\$ 12.75	\$ -	\$ -	\$ 12.75	-
29	RT Schedule 1A4 Amount	555.30	\$ 39.85	\$ -	\$ -	\$ 39.85	-
30	DA Ramp Up Distribution Amount	555.31	\$ 5.43	\$ -	\$ -	\$ 5.43	-
31	DA Ramp Down Distribution Amount	555.32	\$ -	\$ -	\$ -	\$ -	-
32	RT Ramp Non Performance Distribution Amount	555.33	\$ -	\$ (0.10)	\$ -	\$ (0.10)	-
33	RT Ramp Up Distribution Amount	555.34	\$ -	\$ (0.06)	\$ -	\$ (0.06)	-
34	RT Ramp Down Distribution Amount	555.35	\$ -	\$ -	\$ -	\$ -	-
35	ArrAucTxnAoAmt	555.36	\$ -	\$ -	\$ -	\$ -	-
36	<b>TOTAL</b>		<b>\$ 66,584.72</b>	<b>\$ (119,479.02)</b>	<b>\$ (57.34)</b>	<b>\$ (52,951.64)</b>	<b>-</b>
<b>Grandfathered Charge Types</b>							
37	DA GFA Carve Out Distribution Deployment Daily Amount	555.01	\$ 18.45	\$ -	\$ -	\$ 18.45	-
38	DA GFA Carve Out Distribution Deployment Monthly Amount	555.22	\$ -	\$ -	\$ -	\$ -	-
39	DA GFA Carve Out Distribution Deployment Yearly Amount	555.27	\$ -	\$ -	\$ -	\$ -	-
40	<b>TOTAL</b>		<b>\$ 18.45</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 18.45</b>	<b>-</b>
41	<b>TOTAL SPP CHARGES</b>		<b>\$ 71,902.26</b>	<b>\$ (119,485.14)</b>	<b>\$ (57.34)</b>	<b>\$ (47,640.22)</b>	<b>422</b>
42	Net SPP Charges for Retail = (B) + (C) + (D)			<b>\$ (47,640.22)</b>			
43	Net KWH for retail = ((F) + (G)) * 1,000						<b>422,158</b>
44	March 2024 covers time period of 2/22/2024 - 3/21/2024					** (F) and (G) increased for losses of 2.8%	
45	<b>SPP Book Totals</b>		<b>Net Retail</b>	<b>Net SPP KWH</b>			
46	<b>Adjustments</b>		\$ (47,582.88)	422,158			
47	<b>Total SPP</b>		\$ (47,640.22)	422,158			

Otter Tail Power Company Detail of Southwest Power Pool (SPP) Charges by Charge Group for Current Month - System May 2024 includes any adjustments (Revenue) Expense								
	Charge Type Description	(A) Acct	(B) Retail Debits	(C) Retail Credits	(D) Retail Adjustments	(E) Net Retail	(F) and (G)** Charge types with MWH for Retail	
No.	Day Ahead & Real Time Asset & Non Asset Energy & Loss							
1	DA Asset Energy Amount	555.19	\$ -	\$ -	\$ -	\$ -	-	-
2	DA Non-asset Energy Amount	555.03	\$ -	\$ -	\$ -	\$ -	-	-
3	RT Asset Energy Amount	555.09	\$ -	\$ (112.62)	\$ -	\$ (112.62)	-	(12)
4	RT Non-Asset Energy Amount	555.00	\$ -	\$ -	\$ -	\$ -	-	-
5	<b>TOTAL</b>		\$ -	\$ (112.62)	\$ -	\$ (112.62)	-	(12)
<b>RSG &amp; Make Whole Payments</b>								
6	DA Make-Whole-Payment Distribution Amount	555.02	\$ -	\$ -	\$ -	\$ -	-	-
7	RT Make-Whole-Payment Distribution Amount	555.10	\$ 7.57	\$ -	\$ -	\$ 7.57	-	-
8	RT Revenue Sufficiency Guarantee Distribution Amount	555.18	\$ -	\$ -	\$ -	\$ -	-	-
9	<b>TOTAL</b>		\$ 7.57	\$ -	\$ -	\$ 7.57	-	-
<b>Revenue Neutrality Uplift</b>								
10	RT Revenue Neutrality Uplift Distribution Amount	555.15	\$ 1.76	\$ -	\$ -	\$ 1.76	-	-
11	<b>TOTAL</b>		\$ 1.76	\$ -	\$ -	\$ 1.76	-	-
<b>Other Charges</b>								
12	DA Regulation-Down Distribution Amount	555.04	\$ 0.43	\$ -	\$ -	\$ 0.43	-	-
13	DA Regulation-Up Distribution Amount	555.05	\$ 2.34	\$ -	\$ -	\$ 2.34	-	-
14	DA Spinning Reserve Distribution Amount	555.06	\$ 0.82	\$ -	\$ -	\$ 0.82	-	-
15	DA Supplemental Reserve Distribution Amount	555.07	\$ 0.20	\$ -	\$ -	\$ 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)	\$ (5,520.58)	-	-
18	RT Regulation-Down Distribution Amount	555.12	\$ -	\$ (0.14)	\$ -	\$ (0.14)	-	-
19	RT Regulation Non-Performance Distribution Amount	555.13	\$ -	\$ (0.65)	\$ -	\$ (0.65)	-	-
20	RT Regulation-Up Distribution Amount	555.14	\$ -	\$ (0.01)	\$ -	\$ (0.01)	-	-
21	RT Spinning Reserve Distribution Amount	555.16	\$ -	\$ -	\$ -	\$ -	-	-
22	RT Supplemental Reserve Distribution Amount	555.17	\$ -	\$ -	\$ -	\$ -	-	-
23	RT Pseudo Tie Congestion Amount	555.20	\$ 29,271.16	\$ (79,794.08)	\$ (236.01)	\$ (50,758.93)	-	-
24	RT Pseudo Tie Loss Amount	555.21	\$ 2,357.86	\$ (4,814.83)	\$ 21.50	\$ (2,435.47)	-	-
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	\$ 0.37	\$ -	\$ -	\$ 0.37	-	-
29	RT Schedule 1A4 Amount	555.30	\$ 1.13	\$ -	\$ -	\$ 1.13	-	-
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	\$ -	\$ -	\$ -	\$ -	-	-
36	<b>TOTAL</b>		\$ 31,634.31	\$ (89,961.45)	\$ (383.35)	\$ (58,710.49)	-	-
<b>Grandfathered Charge Types</b>								
37	DA GFA Carve Out Distribution Deployment Daily Amount	555.01	\$ 1.12	\$ -	\$ -	\$ 1.12	-	-
38	DA GFA Carve Out Distribution Deployment Monthly Amount	555.22	\$ -	\$ -	\$ -	\$ -	-	-
39	DA GFA Carve Out Distribution Deployment Yearly Amount	555.27	\$ -	\$ -	\$ -	\$ -	-	-
40	<b>TOTAL</b>		\$ 1.12	\$ -	\$ -	\$ 1.12	-	-
41	<b>TOTAL SPP CHARGES</b>		\$ 31,644.76	\$ (90,074.07)	\$ (383.35)	\$ (58,812.66)	-	(12)
42	Net SPP Charges for Retail = (B) + (C) + (D)			\$ (58,812.66)				
43	Net KWH for retail = ((F) + (G)) * 1,000							(12,007)
44	March 2024 covers time period of 2/22/2024 - 3/21/2024						** (F) and (G) increased for losses of 2.8%	
45	<b>SPP Book Totals</b>		<b>Net Retail</b>	<b>Net SPP KWH</b>				
46	<b>Adjustments</b>		\$ (58,429.31)	(12,007)				
47	<b>Total SPP</b>		\$ (58,812.66)	(12,007)				

Otter Tail Power Company							
Detail of Southwest Power Pool (SPP) Charges by Charge Group for Current Month - System							
June 2024 includes any adjustments							
(Revenue) Expense							
	(A)	(B)	(C)	(D)	(E)	(F) and (G)**	
Charge Type Description	Acct	Retail Debits	Retail Credits	Retail Adjustments	Net Retail	Charge types with MWH for Retail	
<b>No. Day Ahead &amp; Real Time Asset &amp; Non Asset Energy &amp; Loss</b>							
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 RT Non-Asset Energy Amount	555.00	\$ -	\$ -	\$ -	\$ -	-	-
5 <b>TOTAL</b>		\$ -	\$ -	\$ (89.27)	\$ (89.27)	-	-
<b>RSG &amp; Make Whole Payments</b>							
6 DA Make-Whole-Payment Distribution Amount	555.02	\$ -	\$ -	\$ -	\$ -	-	-
7 RT Make-Whole-Payment Distribution Amount	555.10	\$ -	\$ -	\$ (39.36)	\$ (39.36)	-	-
8 RT Revenue Sufficiency Guarantee Distribution Amount	555.18	\$ -	\$ -	\$ -	\$ -	-	-
9 <b>TOTAL</b>		\$ -	\$ -	\$ (39.36)	\$ (39.36)	-	-
<b>Revenue Neutrality Uplift</b>							
10 RT Revenue Neutrality Uplift Distribution Amount	555.15	\$ -	\$ -	\$ (16.18)	\$ (16.18)	-	-
11 <b>TOTAL</b>		\$ -	\$ -	\$ (16.18)	\$ (16.18)	-	-
<b>Other Charges</b>							
12 DA Regulation-Down Distribution Amount	555.04	\$ -	\$ -	\$ (1.59)	\$ (1.59)	-	-
13 DA Regulation-Up Distribution Amount	555.05	\$ -	\$ -	\$ (2.18)	\$ (2.18)	-	-
14 DA Spinning Reserve Distribution Amount	555.06	\$ -	\$ -	\$ (0.89)	\$ (0.89)	-	-
15 DA Supplemental Reserve Distribution Amount	555.07	\$ -	\$ -	\$ (0.19)	\$ (0.19)	-	-
16 RT Contingency Reserve Deployment Failure Amount	555.08	\$ -	\$ -	\$ -	\$ -	-	-
17 RT Over-Collected Losses Distribution Amount	555.11	\$ 100.02	\$ (4,933.55)	\$ (215.13)	\$ (5,048.66)	-	-
18 RT Regulation-Down Distribution Amount	555.12	\$ -	\$ -	\$ (1.24)	\$ (1.24)	-	-
19 RT Regulation Non-Performance Distribution Amount	555.13	\$ -	\$ -	\$ (31.91)	\$ (31.91)	-	-
20 RT Regulation-Up Distribution Amount	555.14	\$ -	\$ -	\$ 0.30	\$ 0.30	-	-
21 RT Spinning Reserve Distribution Amount	555.16	\$ -	\$ -	\$ (0.06)	\$ (0.06)	-	-
22 RT Supplemental Reserve Distribution Amount	555.17	\$ -	\$ -	\$ -	\$ -	-	-
23 RT Pseudo Tie Congestion Amount	555.20	\$ 4,652.49	\$ (77,529.82)	\$ (15.46)	\$ (72,892.79)	-	-
24 RT Pseudo Tie Loss Amount	555.21	\$ 473.03	\$ (12,515.17)	\$ (0.22)	\$ (12,042.36)	-	-
25 Miscellaneous Amount	555.23	\$ -	\$ -	\$ -	\$ -	-	-
26 ARR Closeout Yearly Amount	555.26	\$ -	\$ (267,887.97)	\$ -	\$ (267,887.97)	-	-
27 RT Demand Reduction Distribution Amount	555.28	\$ -	\$ -	\$ -	\$ -	-	-
28 RT Schedule 1A3 Amount	555.29	\$ -	\$ -	\$ (0.32)	\$ (0.32)	-	-
29 RT Schedule 1A4 Amount	555.30	\$ -	\$ -	\$ (1.02)	\$ (1.02)	-	-
30 DA Ramp Up Distribution Amount	555.31	\$ -	\$ -	\$ 0.03	\$ 0.03	-	-
31 DA Ramp Down Distribution Amount	555.32	\$ -	\$ -	\$ -	\$ -	-	-
32 RT Ramp Non Performance Distribution Amount	555.33	\$ -	\$ -	\$ (0.92)	\$ (0.92)	-	-
33 RT Ramp Up Distribution Amount	555.34	\$ -	\$ -	\$ -	\$ -	-	-
34 RT Ramp Down Distribution Amount	555.35	\$ -	\$ -	\$ -	\$ -	-	-
35 ArrAucTxnAoAmt	555.36	\$ -	\$ -	\$ -	\$ -	-	-
36 <b>TOTAL</b>		\$ 5,225.54	\$ (362,866.51)	\$ (270.80)	\$ (357,911.77)	-	-
<b>Grandfathered Charge Types</b>							
37 DA GFA Carve Out Distribution Deployment Daily Amount	555.01	\$ -	\$ -	\$ (1.10)	\$ (1.10)	-	-
38 DA GFA Carve Out Distribution Deployment Monthly Amount	555.22	\$ -	\$ -	\$ -	\$ -	-	-
39 DA GFA Carve Out Distribution Deployment Yearly Amount	555.27	\$ -	\$ (22.70)	\$ -	\$ (22.70)	-	-
40 <b>TOTAL</b>		\$ -	\$ (22.70)	\$ (1.10)	\$ (23.80)	-	-
41 <b>TOTAL SPP CHARGES</b>		\$ 5,225.54	\$ (362,889.21)	\$ (416.71)	\$ (358,080.38)	-	-
42 Net SPP Charges for Retail = (B) + (C) + (D)			\$ (358,080.38)				
43 Net KWH for retail = ((F) + (G)) * 1,000							
44 June 2024 covers time period of 5/24/2024 - 6/20/2024						** (F) and (G) increased for losses of 2.8%	
45 <b>SPP Book Totals</b>		<b>Net Retail</b>	<b>Net SPP KWH</b>				
46 <b>Adjustments</b>		\$ (357,663.67)	-				
47 <b>Total SPP</b>		\$ (416.71)	-				
		\$ (358,080.38)	-				



Otter Tail Power Company							
Detail of Southwest Power Pool (SPP) Charges by Charge Group for Current Month - System							
July 2024 includes any adjustments							
(Revenue) Expense							
		(A)	(B)	(C)	(D)	(E)	(F) and (G)**
	Charge Type Description	Acct	Retail Debits	Retail Credits	Retail Adjustments	Net Retail	Charge types with MWH for Retail
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	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	-
<b>RSG &amp; Make Whole Payments</b>							
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	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	-
<b>Revenue Neutrality Uplift</b>							
10	RT Revenue Neutrality Uplift Distribution Amount	555.15	\$ -	\$ -	\$ -	\$ -	-
11	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	-
<b>Other Charges</b>							
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)	(8,119.29)	-
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	\$ 74,933.44	(45,940.13)	23.50	29,016.81	-
24	RT Pseudo Tie Loss Amount	555.21	\$ 11,878.51	(8,242.52)	(8.43)	3,627.56	-
25	Miscellaneous Amount	555.23	\$ -	\$ -	\$ -	\$ -	-
26	ARR Closeout Yearly Amount	555.26	\$ -	\$ -	\$ -	\$ -	-
27	RT Demand Reduction Distribution Amount	555.28	\$ -	\$ -	\$ -	\$ -	-
28	RT Schedule 1A3 Amount	555.29	\$ -	\$ -	\$ -	\$ -	-
29	RT Schedule 1A4 Amount	555.30	\$ -	\$ -	\$ -	\$ -	-
30	DA Ramp Up Distribution Amount	555.31	\$ -	\$ -	\$ -	\$ -	-
31	DA Ramp Down Distribution Amount	555.32	\$ -	\$ -	\$ -	\$ -	-
32	RT Ramp Non Performance Distribution Amount	555.33	\$ -	\$ -	\$ -	\$ -	-
33	RT Ramp Up Distribution Amount	555.34	\$ -	\$ -	\$ -	\$ -	-
34	RT Ramp Down Distribution Amount	555.35	\$ -	\$ -	\$ -	\$ -	-
35	ArrAucTxnAoAmt	555.36	\$ -	\$ -	\$ -	\$ -	-
36	<b>TOTAL</b>		\$ 86,811.95	\$ (62,076.44)	\$ (210.43)	\$ 24,525.08	-
<b>Grandfathered Charge Types</b>							
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	0.11	-
40	<b>TOTAL</b>		\$ -	\$ -	\$ 0.11	\$ 0.11	-
41	<b>TOTAL SPP CHARGES</b>		\$ 86,811.95	\$ (62,076.44)	\$ (210.32)	\$ 24,525.19	-
42	Net SPP Charges for Retail = (B) + (C) + (D)			\$ 24,525.19			-
43	Net KWH for retail = ((F) + (G)) * 1,000						-
44	June 2024 covers time period of 5/24/2024 - 6/20/2024					** (F) and (G) increased for losses of 2.8%	
45	<b>SPP Book Totals</b>		<b>Net Retail</b>	<b>Net SPP KWH</b>			
46	<b>Adjustments</b>		\$ 24,735.51	-			
47	<b>Total SPP</b>		\$ (210.32)	-			
			\$ 24,525.19	-			

Otter Tail Power Company							
Detail of Southwest Power Pool (SPP) Charges by Charge Group for Current Month - System							
August 2024 includes any adjustments							
(Revenue) Expense							
Charge Type Description		(A)	(B)	(C)	(D)	(E)	(F) and (G)**
		Acct	Retail Debits	Retail Credits	Retail Adjustments	Net Retail	Charge types with MWH for Retail
No.	Day Ahead & Real Time Asset & Non Asset Energy & Loss						
1	DA Asset Energy Amount	555.19	\$ -	\$ -	\$ -	\$ -	-
2	DA Non-asset Energy Amount	555.03	\$ -	\$ -	\$ -	\$ -	-
3	RT Asset Energy Amount	555.09	\$ -	\$ -	\$ 7.94	\$ 7.94	-
4	RT Non-Asset Energy Amount	555.00	\$ -	\$ -	\$ -	\$ -	-
5	<b>TOTAL</b>		\$ -	\$ -	\$ 7.94	\$ 7.94	-
<b>RSG &amp; Make Whole Payments</b>							
6	DA Make-Whole-Payment Distribution Amount	555.02	\$ -	\$ -	\$ -	\$ -	-
7	RT Make-Whole-Payment Distribution Amount	555.10	\$ -	\$ -	\$ 35.00	\$ 35.00	-
8	RT Revenue Sufficiency Guarantee Distribution Amount	555.18	\$ -	\$ -	\$ -	\$ -	-
9	<b>TOTAL</b>		\$ -	\$ -	\$ 35.00	\$ 35.00	-
<b>Revenue Neutrality Uplift</b>							
10	RT Revenue Neutrality Uplift Distribution Amount	555.15	\$ -	\$ -	\$ 5.58	\$ 5.58	-
11	<b>TOTAL</b>		\$ -	\$ -	\$ 5.58	\$ 5.58	-
<b>Other Charges</b>							
12	DA Regulation-Down Distribution Amount	555.04	\$ -	\$ -	\$ 0.50	\$ 0.50	-
13	DA Regulation-Up Distribution Amount	555.05	\$ -	\$ -	\$ 0.71	\$ 0.71	-
14	DA Spinning Reserve Distribution Amount	555.06	\$ -	\$ -	\$ 0.35	\$ 0.35	-
15	DA Supplemental Reserve Distribution Amount	555.07	\$ -	\$ -	\$ 0.05	\$ 0.05	-
16	RT Contingency Reserve Deployment Failure Amount	555.08	\$ -	\$ -	\$ -	\$ -	-
17	RT Over-Collected Losses Distribution Amount	555.11	\$ -	\$ (6,934.42)	\$ 521.24	\$ (6,413.18)	-
18	RT Regulation-Down Distribution Amount	555.12	\$ -	\$ -	\$ 1.18	\$ 1.18	-
19	RT Regulation Non-Performance Distribution Amount	555.13	\$ -	\$ -	\$ 36.90	\$ 36.90	-
20	RT Regulation-Up Distribution Amount	555.14	\$ -	\$ -	\$ (0.33)	\$ (0.33)	-
21	RT Spinning Reserve Distribution Amount	555.16	\$ -	\$ -	\$ 0.03	\$ 0.03	-
22	RT Supplemental Reserve Distribution Amount	555.17	\$ -	\$ -	\$ -	\$ -	-
23	RT Pseudo Tie Congestion Amount	555.20	\$ 20,715.85	\$ (156,383.43)	\$ 0.92	\$ (135,666.66)	-
24	RT Pseudo Tie Loss Amount	555.21	\$ 1,412.10	\$ (16,060.81)	\$ 0.01	\$ (14,648.70)	-
25	Miscellaneous Amount	555.23	\$ -	\$ -	\$ 45.95	\$ 45.95	-
26	ARR Closeout Yearly Amount	555.26	\$ -	\$ -	\$ -	\$ -	-
27	RT Demand Reduction Distribution Amount	555.28	\$ -	\$ -	\$ -	\$ -	-
28	RT Schedule 1A3 Amount	555.29	\$ -	\$ -	\$ 0.10	\$ 0.10	-
29	RT Schedule 1A4 Amount	555.30	\$ -	\$ -	\$ 0.31	\$ 0.31	-
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	\$ -	\$ -	\$ 0.92	\$ 0.92	-
33	RT Ramp Up Distribution Amount	555.34	\$ -	\$ -	\$ -	\$ -	-
34	RT Ramp Down Distribution Amount	555.35	\$ -	\$ -	\$ -	\$ -	-
35	ArrAucTxnAoAmt	555.36	\$ -	\$ -	\$ -	\$ -	-
36	<b>TOTAL</b>		\$ 22,127.95	\$ (179,378.66)	\$ 608.84	\$ (156,641.87)	-
<b>Grandfathered Charge Types</b>							
37	DA GFA Carve Out Distribution Deployment Daily Amount	555.01	\$ -	\$ -	\$ 0.53	\$ 0.53	-
38	DA GFA Carve Out Distribution Deployment Monthly Amount	555.22	\$ -	\$ -	\$ -	\$ -	-
39	DA GFA Carve Out Distribution Deployment Yearly Amount	555.27	\$ -	\$ -	\$ -	\$ -	-
40	<b>TOTAL</b>		\$ -	\$ -	\$ 0.53	\$ 0.53	-
41	<b>TOTAL SPP CHARGES</b>		\$ 22,127.95	\$ (179,378.66)	\$ 657.89	\$ (156,592.82)	-
42	Net SPP Charges for Retail = (B) + (C) + (D)			\$ (156,592.82)			-
43	Net KWH for retail = ((F) + (G)) * 1,000						-
44	August 2024 covers time period of 7/24/2024 - 8/22/2024					** (F) and (G) increased for losses of 2.8%	
45	<b>SPP Book Totals</b>		<b>Net Retail</b>	<b>Net SPP KWH</b>			
46	<b>Adjustments</b>		\$ (157,250.71)	-			
47	<b>Total SPP</b>		\$ 657.89	-			
			\$ (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)	(E)	(F) and (G)**	
Charge Type Description	Acct	Retail Debits	Retail Credits	Retail Adjustments	Net Retail	Charge types with MWH for Retail	
<b>No. Day Ahead &amp; Real Time Asset &amp; Non Asset Energy &amp; Loss</b>							
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 <b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	-	-
<b>RSG &amp; Make Whole Payments</b>							
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 <b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	-	-
<b>Revenue Neutrality Uplift</b>							
10 RT Revenue Neutrality Uplift Distribution Amount	555.15	\$ -	\$ -	\$ -	\$ -	-	-
11 <b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	-	-
<b>Other Charges</b>							
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	\$ -	(7,008.32)	(29.37)	(7,037.69)	-	-
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	\$ 11,461.66	(145,966.55)	\$ -	(134,504.89)	-	-
24 RT Pseudo Tie Loss Amount	555.21	\$ 554.78	(14,263.82)	\$ -	(13,709.04)	-	-
25 Miscellaneous Amount	555.23	\$ -	\$ -	\$ -	\$ -	-	-
26 ARR Closeout Yearly Amount	555.26	\$ -	\$ -	\$ -	\$ -	-	-
27 RT Demand Reduction Distribution Amount	555.28	\$ -	\$ -	\$ -	\$ -	-	-
28 RT Schedule 1A3 Amount	555.29	\$ -	\$ -	\$ -	\$ -	-	-
29 RT Schedule 1A4 Amount	555.30	\$ -	\$ -	\$ -	\$ -	-	-
30 DA Ramp Up Distribution Amount	555.31	\$ -	\$ -	\$ -	\$ -	-	-
31 DA Ramp Down Distribution Amount	555.32	\$ -	\$ -	\$ -	\$ -	-	-
32 RT Ramp Non Performance Distribution Amount	555.33	\$ -	\$ -	\$ -	\$ -	-	-
33 RT Ramp Up Distribution Amount	555.34	\$ -	\$ -	\$ -	\$ -	-	-
34 RT Ramp Down Distribution Amount	555.35	\$ -	\$ -	\$ -	\$ -	-	-
35 ArrAucTxnAoAmt	555.36	\$ -	\$ -	\$ -	\$ -	-	-
36 <b>TOTAL</b>		\$ 12,016.44	\$ (167,238.69)	\$ (29.37)	\$ (155,251.62)	-	-
<b>Grandfathered Charge Types</b>							
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	\$ -	\$ -	(0.22)	(0.22)	-	-
40 <b>TOTAL</b>		\$ -	\$ -	\$ (0.22)	\$ (0.22)	-	-
41 <b>TOTAL SPP CHARGES</b>		\$ 12,016.44	\$ (167,238.69)	\$ (29.59)	\$ (155,251.84)	-	-
42 Net SPP Charges for Retail = (B) + (C) + (D)			\$ (155,251.84)				-
43 Net KWH for retail = ((F) + (G)) * 1,000							-
44 August 2024 covers time period of 7/24/2024 - 8/22/2024						** (F) and (G) increased for losses of 2.8%	
45 <b>SPP Book Totals</b>		<b>Net Retail</b>	<b>Net SPP KWH</b>				
46 <b>Adjustments</b>		\$ (155,222.25)	-				
47 <b>Total SPP</b>		\$ (155,251.84)	-				

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							
	Charge Type Description	(A) Acct	(B) Retail Debits	(C) Retail Credits	(D) Retail Adjustments	(E) Net Retail	(F) and (G)** Charge types with MWH for Retail
No.	Day Ahead & Real Time Asset & Non Asset Energy & Loss						
1	DA Asset Energy Amount	555.19	\$ -	\$ -	\$ -	\$ -	-
2	DA Non-asset Energy Amount	555.03	\$ -	\$ -	\$ -	\$ -	-
3	RT Asset Energy Amount	555.09	\$ -	\$ -	\$ -	\$ -	-
4	RT Non-Asset Energy Amount	555.00	\$ -	\$ -	\$ -	\$ -	-
5	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	-
<b>RSG &amp; Make Whole Payments</b>							
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	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	-
<b>Revenue Neutrality Uplift</b>							
10	RT Revenue Neutrality Uplift Distribution Amount	555.15	\$ -	\$ -	\$ -	\$ -	-
11	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	-
<b>Other Charges</b>							
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	\$ 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	\$ 54,251.92	\$ (130,063.26)	\$ -	\$ (75,811.34)	-
24	RT Pseudo Tie Loss Amount	555.21	\$ 4,019.86	\$ (11,997.78)	\$ -	\$ (7,977.92)	-
25	Miscellaneous Amount	555.23	\$ -	\$ -	\$ -	\$ -	-
26	ARR Closeout Yearly Amount	555.26	\$ -	\$ -	\$ -	\$ -	-
27	RT Demand Reduction Distribution Amount	555.28	\$ -	\$ -	\$ -	\$ -	-
28	RT Schedule 1A3 Amount	555.29	\$ -	\$ -	\$ -	\$ -	-
29	RT Schedule 1A4 Amount	555.30	\$ -	\$ -	\$ -	\$ -	-
30	DA Ramp Up Distribution Amount	555.31	\$ -	\$ -	\$ -	\$ -	-
31	DA Ramp Down Distribution Amount	555.32	\$ -	\$ -	\$ -	\$ -	-
32	RT Ramp Non Performance Distribution Amount	555.33	\$ -	\$ -	\$ -	\$ -	-
33	RT Ramp Up Distribution Amount	555.34	\$ -	\$ -	\$ -	\$ -	-
34	RT Ramp Down Distribution Amount	555.35	\$ -	\$ -	\$ -	\$ -	-
35	ArrAucTxnAoAmt	555.36	\$ -	\$ -	\$ -	\$ -	-
36	<b>TOTAL</b>		\$ 58,282.00	\$ (150,442.71)	\$ (18.61)	\$ (92,179.32)	-
<b>Grandfathered Charge Types</b>							
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	<b>TOTAL</b>		\$ -	\$ -	\$ -	\$ -	-
41	<b>TOTAL SPP CHARGES</b>		\$ 58,282.00	\$ (150,442.71)	\$ (18.61)	\$ (92,179.32)	-
42	Net SPP Charges for Retail = (B) + (C) + (D)			\$ (92,179.32)			-
43	Net KWH for retail = ((F) + (G)) * 1,000						-
44	October 2024 covers time period of 9/23/2024 -- 10/23/2024						** (F) and (G) increased for losses of 2.8%
45	<b>SPP Book Totals</b>		<b>Net Retail</b>	<b>Net SPP KWH</b>			
46	<b>Adjustments</b>		\$ (92,160.71)	-			
47	<b>Total SPP</b>		\$ (18.61)	-			
			\$ (92,179.32)	-			

Otter Tail Power Company Detail of Southwest Power Pool (SPP) Charges by Charge Group for Current Month - System November 2024 includes any adjustments (Revenue) Expense								
Charge Type Description		(A)	(B)	(C)	(D)	(E)	(F) and (G)**	
		Acct	Retail Debits	Retail Credits	Retail Adjustments	Net Retail	Charge types with MWH for Retail	
No.	Day Ahead & Real Time Asset & Non Asset Energy & Loss							
1	DA Asset Energy Amount	555.19	\$ -	\$ -	\$ -	\$ -	-	-
2	DA Non-asset Energy Amount	555.03	\$ -	\$ -	\$ -	\$ -	-	-
3	RT Asset Energy Amount	555.09	\$ 1,173.57	\$ -	\$ -	\$ 1,173.57	59	-
4	RT Non-Asset Energy Amount	555.00	\$ -	\$ -	\$ -	\$ -	-	-
5	<b>TOTAL</b>		<b>\$ 1,173.57</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,173.57</b>	<b>59</b>	<b>-</b>
<b>RSG &amp; Make Whole Payments</b>								
6	DA Make-Whole-Payment Distribution Amount	555.02	\$ -	\$ -	\$ -	\$ -	-	-
7	RT Make-Whole-Payment Distribution Amount	555.10	\$ 36.31	\$ -	\$ -	\$ 36.31	-	-
8	RT Revenue Sufficiency Guarantee Distribution Amount	555.18	\$ -	\$ -	\$ -	\$ -	-	-
9	<b>TOTAL</b>		<b>\$ 36.31</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 36.31</b>	<b>-</b>	<b>-</b>
<b>Revenue Neutrality Uplift</b>								
10	RT Revenue Neutrality Uplift Distribution Amount	555.15	\$ 160.56	\$ -	\$ -	\$ 160.56	-	-
11	<b>TOTAL</b>		<b>\$ 160.56</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 160.56</b>	<b>-</b>	<b>-</b>
<b>Other Charges</b>								
12	DA Regulation-Down Distribution Amount	555.04	\$ 3.87	\$ -	\$ -	\$ 3.87	-	-
13	DA Regulation-Up Distribution Amount	555.05	\$ 10.21	\$ -	\$ -	\$ 10.21	-	-
14	DA Spinning Reserve Distribution Amount	555.06	\$ 1.41	\$ -	\$ -	\$ 1.41	-	-
15	DA Supplemental Reserve Distribution Amount	555.07	\$ 0.92	\$ -	\$ -	\$ 0.92	-	-
16	RT Contingency Reserve Deployment Failure Amount	555.08	\$ -	\$ (0.36)	\$ -	\$ (0.36)	-	-
17	RT Over-Collected Losses Distribution Amount	555.11	\$ -	\$ (9,309.82)	\$ (207.23)	\$ (9,517.05)	-	-
18	RT Regulation-Down Distribution Amount	555.12	\$ 0.40	\$ -	\$ -	\$ 0.40	-	-
19	RT Regulation Non-Performance Distribution Amount	555.13	\$ -	\$ (1.04)	\$ -	\$ (1.04)	-	-
20	RT Regulation-Up Distribution Amount	555.14	\$ -	\$ (1.98)	\$ -	\$ (1.98)	-	-
21	RT Spinning Reserve Distribution Amount	555.16	\$ -	\$ (0.03)	\$ -	\$ (0.03)	-	-
22	RT Supplemental Reserve Distribution Amount	555.17	\$ -	\$ -	\$ -	\$ -	-	-
23	RT Pseudo Tie Congestion Amount	555.20	\$ 113,202.35	\$ (124,420.53)	\$ (74.76)	\$ (11,292.94)	-	-
24	RT Pseudo Tie Loss Amount	555.21	\$ 3,010.44	\$ (10,163.15)	\$ 5.71	\$ (7,167.00)	-	-
25	Miscellaneous Amount	555.23	\$ -	\$ -	\$ -	\$ -	-	-
26	ARR Closeout Yearly Amount	555.26	\$ -	\$ -	\$ -	\$ -	-	-
27	RT Demand Reduction Distribution Amount	555.28	\$ 0.61	\$ -	\$ -	\$ 0.61	-	-
28	RT Schedule 1A3 Amount	555.29	\$ 1.86	\$ -	\$ -	\$ 1.86	-	-
29	RT Schedule 1A4 Amount	555.30	\$ 5.83	\$ -	\$ -	\$ 5.83	-	-
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	\$ -	\$ (0.12)	\$ -	\$ (0.12)	-	-
33	RT Ramp Up Distribution Amount	555.34	\$ -	\$ (0.11)	\$ -	\$ (0.11)	-	-
34	RT Ramp Down Distribution Amount	555.35	\$ -	\$ -	\$ -	\$ -	-	-
35	ArrAucTxnAoAmt	555.36	\$ -	\$ -	\$ -	\$ -	-	-
36	RtURDDistAoAmt	555.37	\$ -	\$ (13.10)	\$ -	\$ (13.10)	-	-
37	<b>TOTAL</b>		<b>\$ 116,237.90</b>	<b>\$ (143,930.24)</b>	<b>\$ (276.28)</b>	<b>\$ (27,955.52)</b>	<b>-</b>	<b>-</b>
<b>Grandfathered Charge Types</b>								
38	DA GFA Carve Out Distribution Deployment Daily Amount	555.01	\$ 8.21	\$ -	\$ -	\$ 8.21	-	-
39	DA GFA Carve Out Distribution Deployment Monthly Amount	555.22	\$ -	\$ -	\$ -	\$ -	-	-
40	DA GFA Carve Out Distribution Deployment Yearly Amount	555.27	\$ -	\$ -	\$ -	\$ -	-	-
41	<b>TOTAL</b>		<b>\$ 8.21</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 8.21</b>	<b>-</b>	<b>-</b>
42	<b>TOTAL SPP CHARGES</b>		<b>\$ 117,616.55</b>	<b>\$ (143,930.24)</b>	<b>\$ (276.28)</b>	<b>\$ (26,576.87)</b>	<b>59</b>	<b>-</b>
43	Net SPP Charges for Retail = (B) + (C) + (D)			<b>\$ (26,589.97)</b>				
44	Net KWH for retail = ((F) + (G)) * 1,000						<b>58,791</b>	
45	November 2024 covers time period of	0					** (F) and (G) increased for losses of 2.8%	
46	<b>SPP Book Totals</b>		<b>Net Retail</b>	<b>Net SPP KWH</b>				
47	<b>Adjustments</b>		\$ (26,313.69)	58,791				
48	<b>Total SPP</b>		<b>\$ (26,589.97)</b>	<b>58,791</b>				

Otter Tail Power Company Detail of Southwest Power Pool (SPP) Charges by Charge Group for Current Month - System December 2024 includes any adjustments (Revenue) Expense								
Charge Type Description		(A)	(B)	(C)	(D)	(E)	(F) and (G)**	
		Acct	Retail Debits	Retail Credits	Retail Adjustments	Net Retail	Charge types with MWH for Retail	
No.	Day Ahead & Real Time Asset & Non Asset Energy & Loss							
1	DA Asset Energy Amount	555.19	\$ -	\$ -	\$ -	\$ -	-	-
2	DA Non-asset Energy Amount	555.03	\$ -	\$ -	\$ -	\$ -	-	-
3	RT Asset Energy Amount	555.09	\$ -	\$ -	\$ 28.65	\$ 28.65	-	-
4	RT Non-Asset Energy Amount	555.00	\$ -	\$ -	\$ -	\$ -	-	-
5	<b>TOTAL</b>		\$ -	\$ -	\$ 28.65	\$ 28.65	-	-
<b>RSG &amp; Make Whole Payments</b>								
6	DA Make-Whole-Payment Distribution Amount	555.02	\$ -	\$ -	\$ -	\$ -	-	-
7	RT Make-Whole-Payment Distribution Amount	555.10	\$ -	\$ -	\$ 1.78	\$ 1.78	-	-
8	RT Revenue Sufficiency Guarantee Distribution Amount	555.18	\$ -	\$ -	\$ -	\$ -	-	-
9	<b>TOTAL</b>		\$ -	\$ -	\$ 1.78	\$ 1.78	-	-
<b>Revenue Neutrality Uplift</b>								
10	RT Revenue Neutrality Uplift Distribution Amount	555.15	\$ -	\$ -	\$ (0.40)	\$ (0.40)	-	-
11	<b>TOTAL</b>		\$ -	\$ -	\$ (0.40)	\$ (0.40)	-	-
<b>Other Charges</b>								
12	DA Regulation-Down Distribution Amount	555.04	\$ -	\$ -	\$ 0.07	\$ 0.07	-	-
13	DA Regulation-Up Distribution Amount	555.05	\$ -	\$ -	\$ 0.26	\$ 0.26	-	-
14	DA Spinning Reserve Distribution Amount	555.06	\$ -	\$ -	\$ 0.03	\$ 0.03	-	-
15	DA Supplemental Reserve Distribution Amount	555.07	\$ -	\$ -	\$ 0.02	\$ 0.02	-	-
16	RT Contingency Reserve Deployment Failure Amount	555.08	\$ -	\$ -	\$ -	\$ -	-	-
17	RT Over-Collected Losses Distribution Amount	555.11	\$ 24.97	\$ (12,587.00)	\$ (202.67)	\$ (12,764.70)	-	-
18	RT Regulation-Down Distribution Amount	555.12	\$ -	\$ -	\$ -	\$ -	-	-
19	RT Regulation Non-Performance Distribution Amount	555.13	\$ -	\$ -	\$ (0.07)	\$ (0.07)	-	-
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	\$ 333,805.03	\$ (79,136.27)	\$ -	\$ 254,668.76	-	-
24	RT Pseudo Tie Loss Amount	555.21	\$ 46,640.54	\$ (4,734.10)	\$ -	\$ 41,906.44	-	-
25	Miscellaneous Amount	555.23	\$ 0.08	\$ -	\$ -	\$ 0.08	-	-
26	ARR Closeout Yearly Amount	555.26	\$ -	\$ -	\$ -	\$ -	-	-
27	RT Demand Reduction Distribution Amount	555.28	\$ -	\$ -	\$ 0.02	\$ 0.02	-	-
28	RT Schedule 1A3 Amount	555.29	\$ -	\$ -	\$ 0.05	\$ 0.05	-	-
29	RT Schedule 1A4 Amount	555.30	\$ -	\$ -	\$ 0.12	\$ 0.12	-	-
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	\$ -	\$ -	\$ -	\$ -	-	-
36	RtURDDistAoAmt	555.37	\$ -	\$ -	\$ 6.50	\$ 6.50	-	-
37	<b>TOTAL</b>		\$ 380,470.62	\$ (96,457.37)	\$ (195.67)	\$ 283,817.58	-	-
<b>Grandfathered Charge Types</b>								
38	DA GFA Carve Out Distribution Deployment Daily Amount	555.01	\$ -	\$ -	\$ 0.22	\$ 0.22	-	-
39	DA GFA Carve Out Distribution Deployment Monthly Amount	555.22	\$ -	\$ (0.04)	\$ -	\$ (0.04)	-	-
40	DA GFA Carve Out Distribution Deployment Yearly Amount	555.27	\$ -	\$ -	\$ -	\$ -	-	-
41	<b>TOTAL</b>		\$ -	\$ (0.04)	\$ 0.22	\$ 0.18	-	-
42	<b>TOTAL SPP CHARGES</b>		\$ 380,470.62	\$ (96,457.41)	\$ (165.42)	\$ 283,847.79	-	-
43	Net SPP Charges for Retail = (B) + (C) + (D)			\$ 283,847.79				
44	Net KWH for retail = ((F) + (G)) * 1,000							
45	December 2024 covers time period of	0					** (F) and (G) increased for losses of 2.8%	
46	<b>SPP Book Totals</b>		<b>Net Retail</b>	<b>Net SPP KWH</b>				
47	<b>Adjustments</b>		\$ 284,013.21	-				
48	<b>Total SPP</b>		\$ (165.42)	-				
			\$ 283,847.79	-				

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
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	\$ (84.07)	\$ -	\$ 46.90	\$ 4,575.13	\$ (112.62)	\$ (89.27)	\$ -	\$ 7.94	\$ -	\$ -	\$ 1,173.57	\$ 28.65	\$ 5,546.23
4	RT Non-Asset Energy Amount	555.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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															
6	DA Make-Whole-Payment Distribution Amount	555.02	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	RT Make-Whole-Payment Distribution Amount	555.10	\$ (5.85)	\$ -	\$ 6.35	\$ 521.74	\$ 7.57	\$ (39.36)	\$ -	\$ 35.00	\$ -	\$ -	\$ 36.31	\$ 1.78	\$ 563.54
8	RT Revenue Sufficiency Guarantee Distribution Amount	555.18	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9	TOTAL		\$ (5.85)	\$ -	\$ 6.35	\$ 521.74	\$ 7.57	\$ (39.36)	\$ -	\$ 35.00	\$ -	\$ -	\$ 36.31	\$ 1.78	\$ 563.54
Revenue Neutrality Uplift															
10	RT Revenue Neutrality Uplift Distribution Amount	555.15	\$ 2.23	\$ -	\$ (7.54)	\$ 196.10	\$ 1.76	\$ (16.18)	\$ -	\$ 5.58	\$ -	\$ -	\$ 160.56	\$ (0.40)	\$ 342.11
11	TOTAL		\$ 2.23	\$ -	\$ (7.54)	\$ 196.10	\$ 1.76	\$ (16.18)	\$ -	\$ 5.58	\$ -	\$ -	\$ 160.56	\$ (0.40)	\$ 342.11
Other Charges															
12	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
13	DA Regulation-Up Distribution Amount	555.05	\$ (0.29)	\$ -	\$ 0.27	\$ 85.41	\$ 2.34	\$ (2.18)	\$ -	\$ 0.71	\$ -	\$ -	\$ 10.21	\$ 0.26	\$ 96.73
14	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
15	DA Supplemental Reserve Distribution Amount	555.07	\$ (0.07)	\$ -	\$ 0.05	\$ 13.04	\$ 0.20	\$ (0.19)	\$ -	\$ 0.05	\$ -	\$ -	\$ 0.92	\$ 0.02	\$ 14.02
16	RT Contingency Reserve Deployment Failure Amount	555.08	\$ -	\$ -	\$ -	\$ (0.01)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (0.36)	\$ -	\$ (0.37)
17	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)
18	RT Regulation-Down Distribution Amount	555.12	\$ -	\$ -	\$ -	\$ 7.76	\$ (0.14)	\$ (1.24)	\$ -	\$ 1.18	\$ -	\$ -	\$ 0.40	\$ -	\$ 7.96
19	RT Regulation Non-Performance Distribution Amount	555.13	\$ -	\$ -	\$ -	\$ (10.74)	\$ (0.65)	\$ (31.91)	\$ -	\$ 36.90	\$ -	\$ -	\$ (1.04)	\$ (0.07)	\$ (7.51)
20	RT Regulation-Up Distribution Amount	555.14	\$ -	\$ -	\$ -	\$ (1.52)	\$ (0.01)	\$ 0.30	\$ -	\$ (0.33)	\$ -	\$ -	\$ (1.98)	\$ -	\$ (3.54)
21	RT Spinning Reserve Distribution Amount	555.16	\$ -	\$ -	\$ -	\$ 0.61	\$ -	\$ (0.06)	\$ -	\$ 0.03	\$ -	\$ -	\$ (0.03)	\$ -	\$ 0.55
22	RT Supplemental Reserve Distribution Amount	555.17	\$ -	\$ -	\$ -	\$ (1.59)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1.59)
23	RT Pseudo Tie Congestion Amount	555.20	\$ 85,594.50	\$ 190,855.25	\$ 53,851.21	\$ (55,841.77)	\$ (50,758.93)	\$ (72,892.79)	\$ 29,016.81	\$ (135,666.66)	\$ (134,504.89)	\$ (75,811.34)	\$ (11,292.94)	\$ 254,668.76	\$ 77,217.21
24	RT Pseudo Tie Loss Amount	555.21	\$ 36,729.78	\$ 22,640.09	\$ 6,155.98	\$ 9,200.11	\$ (2,435.47)	\$ (12,042.36)	\$ 3,627.56	\$ (14,648.70)	\$ (13,709.04)	\$ (7,977.92)	\$ (7,167.00)	\$ 41,906.44	\$ 62,279.47
25	Miscellaneous Amount	555.23	\$ -	\$ -	\$ (0.14)	\$ -	\$ -	\$ -	\$ -	\$ 45.95	\$ -	\$ -	\$ -	\$ 0.08	\$ 45.89
26	ARR Closeout Yearly Amount	555.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (267,887.97)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (267,887.97)
27	RT Demand Reduction Distribution Amount	555.28	\$ -	\$ -	\$ 0.01	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.61	\$ 0.02	\$ 0.64
28	RT Schedule 1A3 Amount	555.29	\$ (0.13)	\$ -	\$ 0.08	\$ 12.75	\$ 0.37	\$ (0.32)	\$ -	\$ 0.10	\$ -	\$ -	\$ 1.86	\$ 0.05	\$ 14.76
29	RT Schedule 1A4 Amount	555.30	\$ (0.57)	\$ -	\$ 0.41	\$ 39.85	\$ 1.13	\$ (1.02)	\$ -	\$ 0.31	\$ -	\$ -	\$ 5.83	\$ 0.12	\$ 46.06
30	DA Ramp Up Distribution Amount	555.31	\$ (0.05)	\$ -	\$ 0.02	\$ 5.43	\$ -	\$ 0.03	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5.43
31	DA Ramp Down Distribution Amount	555.32	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
32	RT Ramp Non Performance Distribution Amount	555.33	\$ -	\$ -	\$ 0.01	\$ (0.10)	\$ -	\$ (0.92)	\$ -	\$ 0.92	\$ -	\$ -	\$ (0.12)	\$ -	\$ (0.21)
33	RT Ramp Up Distribution Amount	555.34	\$ -	\$ -	\$ -	\$ (0.06)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (0.11)	\$ -	\$ (0.17)
34	RT Ramp Down Distribution Amount	555.35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
35	ArrAucTxnAoAmt	555.36	\$ (290,733.80)	\$ (338,707.46)	\$ (90,507.68)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (719,948.94)
36	RtURDDistAoAmt	555.37	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (13.10)	\$ 6.50	\$ (6.60)
37	TOTAL		\$ (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)	\$ (27,968.62)	\$ 283,817.58	\$ (963,434.92)
Grandfathered Charge Types															
38	DA GFA Carve Out Distribution Deployment Daily Amount	555.01	\$ (0.15)	\$ -	\$ 0.07	\$ 18.45	\$ 1.12	\$ (1.10)	\$ -	\$ 0.53	\$ -	\$ -	\$ -	\$ -	\$ 18.92
39	DA GFA Carve Out Distribution Deployment Monthly Amount	555.22	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8.21	\$ 0.22	\$ 8.43
40	DA GFA Carve Out Distribution Deployment Yearly Amount	555.27	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (22.70)	\$ 0.11	\$ -	\$ (0.22)	\$ -	\$ -	\$ (0.04)	\$ (22.85)
41	TOTAL		\$ (0.15)	\$ -	\$ 0.07	\$ 18.45	\$ 1.12	\$ (23.80)	\$ 0.11	\$ 0.53	\$ (0.22)	\$ -	\$ 8.21	\$ 0.18	\$ 4.50
42	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:										
SUPERVISION AND ENGINEERING	402 - 510	\$ 842,512	\$ 937,306	\$ 964,831	\$ 834,101	\$ 798,930	\$ 624,662	\$ 551,458	\$ 519,606	\$ 1,036,964
STRUCTURES	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 WIND:										
SUPERVISION AND ENGINEERING	402 - 551	85,285	67,972	39,346	22,886	15,715	25,714	18,287	38,449	93,428
STRUCTURES	402 - 552	124,923	37,358	25,836	30,910	30,733	77,501	49,766	67,804	211,316
GENERATING AND ELECTRIC	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	-
GENERATING AND ELECTRIC	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.



## Big Stone Plant Forced Outage Info

[PROTECTED DATA  
BEGINS . . .

Outage Dates		Primary Reason for Outage	Duration (days)	Description of Equipment Failure	Change in Energy Costs	Steps Taken to Alleviate Reoccurrence
Start	End					
1/1/2024	1/4/2024	#7 Bearing Vibration	2.90	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	11/4/2024	"A" Boiler Feed Pump Check Valve	3.13	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]

## Coyote Station Forced Outage Info

[PROTECTED DATA  
BEGINS . . .

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

. . . PROTECTED  
DATA ENDS]

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

Month	(A)	(B)	* (C) * (D)		* (E) * (F)		* (G)	(H)
	Date Paid		Wind Production		Lost Production		Total OTP Paid	Reason Codes
	Delivered MWh	Lost MWh	Delivered to OTP MWh	Amount OTP Paid	Lost MWh	Amount OTP Paid		
			[PROTECTED DATA BEGINS . . .					
Jan-24								
Feb-24								
Mar-24								
Apr-24								
May-24								
Jun-24								
Jul-24								
Aug-24								
Sep-24								
Oct-24								
Nov-24								
Dec-24								
Total 2024								
. . . PROTECTED DATA 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

(A)		(B)	* (C) Wind Production		* (D)	* (E) Lost Production		* (F)	* (G)	(H)
Month	Date Paid		Delivered to OTP MWh	Amount OTP Paid		Lost MWh	Amount OTP Paid		Total OTP Paid	Reason Codes
	Delivered MWh	Lost MWh								
			[PROTECTED DATA BEGINS ...							
Jan-24	1/1,29,30,31		2/20/2024							
Feb-24	2/1, 11,16,17,18,24,26,27		3/18/2024							
Mar-24	3/1,2,3,10,11,15,16,17,18,19,20,28		4/17/2024							
Apr-24	4/1 2,4,5,6,7,8,11,12,13,14,15,16,18,19,20,21,22,23,24,25,26,28		5/24/2024							
May-24	5/4,5,6,7,8,10,12,18,21,22,24,25,27,28,29,30		6/20/2024							
Jun-24	6/1 2,4,5,6,7,8,9,10,11,12,15,16,17,18,21,23,29,30		7/22/2024							
Jul-24	7/1,3,9,10,19		8/20/2024							
Aug-24	8/1, 5,6,7,8,13,14,15,19,20,21,22,23,24,25,28,29,31		9/20/2024							
Sep-24	9/1,2,3,4,7,8,9,10,11,12,13,14,15,16,18,19,20,21,26,29,30		10/21/2024							
Oct-24	10/1,2,4,5,6,10,13,14,15,16,17,18,19,20,21,22,25,26,27,28,31		11/9/2024							
Nov-24	11/1, 2,3,4,7,9,10,11,12,13,15,16,17,18,19,20,21,25,28		12/4/2024							
Dec-24	12/1,3,4,7,16,26,31		1/13/2025							
Total 2024										

... PROTECTED DATA 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:

- 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 FPL Energy North Dakota II, LLC  
Docket No. E017/M-03-970  
Dated April 1, 2003

Month	(A)	(B)	* (C) * (D)		* (E) * (F)		* (G)	(H)
	Date Paid		Wind Production		Lost Production		Total OTP Paid	Reason Codes
	Delivered MWh	Lost MWh	Delivered to OTP MWh	Amount OTP Paid	Lost MWh	Amount OTP Paid		
			[PROTECTED DATA BEGINS ...					
Jan-24								
Feb-24								
Mar-24								
Apr-24								
May-24								
Jun-24								
Aug-24								
Aug-24								
Sep-24								
Nov-24								
Nov-24								
Dec-24								
<b>Total 2024</b>								
... PROTECTED DATA 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

**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

Line No.		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)
		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	\$ 23,656	\$ 28,417	\$ 37,258	\$ 89,331	\$ 40,604	\$ 82,384	\$ 64,548	\$ 187,535	\$ 98,801	\$ 88,447	\$ 80,576	\$ 267,824	\$ 26,694	\$ 63,877	\$ 102,124	\$ 192,694	\$ 737,385	\$ 354,418
2	Real Time Regulation Amount	\$ 23,734	\$ 26,270	\$ 8,431	\$ 58,435	\$ 52,550	\$ 23,283	\$ (12,610)	\$ 63,224	\$ (12,591)	\$ 6,156	\$ (10,861)	\$ (17,296)	\$ 40,541	\$ 38,337	\$ 84,595	\$ 163,473	\$ 267,836	\$ 128,733
3	Regulation Cost Distribution Amount	\$ (11,468)	\$ (16,326)	\$ (17,568)	\$ (45,361)	\$ (17,079)	\$ (17,624)	\$ (14,060)	\$ (48,763)	\$ (28,260)	\$ (21,929)	\$ (23,674)	\$ (73,863)	\$ (37,517)	\$ (37,713)	\$ (46,281)	\$ (121,511)	\$ (289,498)	\$ (139,145)
4	Regulation Subtotal	\$ 35,922	\$ 38,361	\$ 28,122	\$ 102,405	\$ 76,074	\$ 88,043	\$ 37,878	\$ 201,996	\$ 57,951	\$ 72,674	\$ 46,041	\$ 176,666	\$ 29,718	\$ 64,501	\$ 140,437	\$ 234,656	\$ 715,723	\$ 344,007
5	Day Ahead Short-Term Reserve Amount	\$ 238,708	\$ 5,333	\$ 11,559	\$ 255,601	\$ 30,121	\$ 54,092	\$ 49,492	\$ 133,705	\$ 66,650	\$ 41,361	\$ 224,025	\$ 332,035	\$ 19,785	\$ 13,555	\$ 33,369	\$ 66,708	\$ 788,050	\$ 378,770
6	Real Time Short-Term Reserve Amount	\$ (1,883)	\$ 977	\$ (29)	\$ (935)	\$ (2,198)	\$ (2,458)	\$ 911	\$ (3,745)	\$ 9,975	\$ (9,822)	\$ 10,321	\$ 10,474	\$ 115	\$ 327	\$ (214)	\$ 228	\$ 6,022	\$ 2,894
7	Short-Term Reserve Cost Distribution Amount	\$ (72,971)	\$ (4,403)	\$ (5,113)	\$ (82,488)	\$ (13,758)	\$ (26,890)	\$ (9,234)	\$ (49,882)	\$ (62,395)	\$ (28,365)	\$ (72,683)	\$ (163,443)	\$ (13,467)	\$ (5,622)	\$ (16,879)	\$ (35,968)	\$ (331,781)	\$ (159,468)
8	Short-Term Reserve Deployment Failure Charge Amount	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,926)	\$ (1,926)	\$ (1,926)	\$ (926)
9	Short-Term Reserve Subtotal	\$ 163,854	\$ 1,907	\$ 6,417	\$ 172,178	\$ 14,166	\$ 24,744	\$ 41,168	\$ 80,078	\$ 14,229	\$ 3,174	\$ 161,663	\$ 179,066	\$ 6,433	\$ 8,261	\$ 14,349	\$ 29,042	\$ 460,365	\$ 221,271
10	Day Ahead Spinning Reserve Amount	\$ 3,977	\$ 10,711	\$ 30,599	\$ 45,288	\$ 31,073	\$ 47,736	\$ 48,460	\$ 127,269	\$ 35,751	\$ 22,345	\$ 59,372	\$ 117,468	\$ 30,703	\$ 49,837	\$ 33,927	\$ 114,467	\$ 404,491	\$ 194,415
11	Real Time Spinning Reserve Amount	\$ 4,777	\$ 2,359	\$ (808)	\$ 6,328	\$ (12,162)	\$ 1,167	\$ 11,017	\$ 22	\$ 2,744	\$ (1,216)	\$ (8,587)	\$ (7,059)	\$ (8,401)	\$ (5,982)	\$ (756)	\$ (15,139)	\$ (15,847)	\$ (7,617)
12	Spinning Reserve Cost Distribution Amount	\$ (14,463)	\$ (13,165)	\$ (15,489)	\$ (43,116)	\$ (14,202)	\$ (22,918)	\$ (13,136)	\$ (50,256)	\$ (19,694)	\$ (9,997)	\$ (15,003)	\$ (44,695)	\$ (23,056)	\$ (21,880)	\$ (24,018)	\$ (68,953)	\$ (207,020)	\$ (99,502)
13	Spinning Reserve Subtotal	\$ (5,708)	\$ (94)	\$ 14,302	\$ 8,500	\$ 4,708	\$ 25,985	\$ 46,341	\$ 77,034	\$ 18,801	\$ 11,132	\$ 35,782	\$ 65,715	\$ (753)	\$ 21,975	\$ 9,153	\$ 30,375	\$ 181,624	\$ 87,296
14	Day Ahead Supplemental Reserve Amount	\$ 28,429	\$ 1,465	\$ 3,236	\$ 33,130	\$ 7,481	\$ 17,207	\$ 12,773	\$ 37,461	\$ 52,357	\$ 32,719	\$ 31,341	\$ 116,418	\$ 17,839	\$ 20,358	\$ 12,417	\$ 50,614	\$ 237,623	\$ 114,211
15	Real Time Supplemental Reserve Amount	\$ (5,034)	\$ (661)	\$ (1,785)	\$ (7,480)	\$ 43,302	\$ (6,681)	\$ (5,516)	\$ 31,105	\$ (15,696)	\$ (4,964)	\$ (8,516)	\$ (29,176)	\$ (8,079)	\$ (10,096)	\$ 6,297	\$ (11,877)	\$ (17,428)	\$ (8,377)
16	Supplemental Reserve Cost Distribution Amount	\$ (2,434)	\$ (1,795)	\$ (1,458)	\$ (5,687)	\$ (3,249)	\$ (2,306)	\$ (1,375)	\$ (6,931)	\$ (6,243)	\$ (3,919)	\$ (2,821)	\$ (12,983)	\$ (4,038)	\$ (2,348)	\$ (3,496)	\$ (9,883)	\$ (35,483)	\$ (17,055)
17	Supplemental Reserve Subtotal	\$ 20,960	\$ (991)	\$ (7)	\$ 19,963	\$ 47,534	\$ 8,220	\$ 5,882	\$ 61,636	\$ 30,418	\$ 23,837	\$ 20,004	\$ 74,259	\$ 5,722	\$ 7,914	\$ 15,218	\$ 28,854	\$ 184,711	\$ 88,780
18	Contingency Reserve Deployment Failure Charge Amount	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
19	Real Time Excessive Deficient Energy Deployment Charge Amount	\$ (1,813)	\$ (2,093)	\$ (2,568)	\$ (6,474)	\$ (16,739)	\$ (26,685)	\$ 7,017	\$ (36,407)	\$ (1,765)	\$ 4,372	\$ (6,111)	\$ (3,504)	\$ (1,821)	\$ (18,848)	\$ (23,221)	\$ (43,889)	\$ (90,274)	\$ (43,389)
20	Net Regulation Adjustment Amount	\$ 1,165	\$ (2,070)	\$ (5,499)	\$ (6,405)	\$ (3,446)	\$ (14)	\$ (6,242)	\$ (9,701)	\$ (5,046)	\$ (12,189)	\$ (1,840)	\$ (19,075)	\$ (9,533)	\$ (3,120)	\$ (3,310)	\$ (15,963)	\$ (51,144)	\$ (24,582)
21	Real Time Miscellaneous	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23	Other Charge Subtotal	\$ (648)	\$ (4,163)	\$ (8,067)	\$ (12,879)	\$ (20,185)	\$ (26,699)	\$ 775	\$ (46,109)	\$ (6,811)	\$ (7,817)	\$ (7,950)	\$ (22,579)	\$ (11,353)	\$ (21,968)	\$ (26,531)	\$ (59,852)	\$ (141,418)	\$ (67,971)
23	TOTAL	\$ 214,381	\$ 35,020	\$ 40,767	\$ 290,168	\$ 122,297	\$ 120,294	\$ 132,045	\$ 374,636	\$ 114,587	\$ 102,999	\$ 255,541	\$ 473,127	\$ 29,766	\$ 80,683	\$ 152,627	\$ 263,075	\$ 1,401,005	\$ 673,382

Summary of 12 ASM Charge Types (MWH)

Line No.		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)
		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	<b>Regulation Subtotal</b>	<b>1,955.40</b>	<b>3,819.90</b>	<b>5,669.90</b>	<b>11,445.20</b>	<b>5,519.10</b>	<b>5,737.80</b>	<b>6,742.00</b>	<b>17,998.90</b>	<b>3,072.00</b>	<b>4,993.20</b>	<b>7,954.30</b>	<b>16,019.50</b>	<b>2,474.30</b>	<b>6,131.40</b>	<b>7,225.00</b>	<b>15,830.70</b>	<b>61,294.30</b>	<b>29,460.61</b>
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	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	Short-Term 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
9	<b>Short-Term Reserve Subtotal</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
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	<b>Spinning Reserve Subtotal</b>	<b>241.70</b>	<b>1,665.70</b>	<b>3,480.00</b>	<b>5,387.40</b>	<b>3,338.20</b>	<b>5,160.10</b>	<b>5,577.10</b>	<b>14,075.40</b>	<b>2,177.30</b>	<b>1,688.20</b>	<b>6,040.50</b>	<b>9,906.00</b>	<b>2,661.20</b>	<b>4,554.80</b>	<b>3,121.70</b>	<b>10,337.70</b>	<b>39,706.50</b>	<b>19,084.61</b>
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	<b>Supplemental Reserve Subtotal</b>	<b>50,899.80</b>	<b>4,531.80</b>	<b>13,382.10</b>	<b>68,813.70</b>	<b>31,125.70</b>	<b>44,776.50</b>	<b>30,180.00</b>	<b>106,082.20</b>	<b>17,954.80</b>	<b>20,976.30</b>	<b>62,870.50</b>	<b>101,801.60</b>	<b>50,874.80</b>	<b>54,588.60</b>	<b>26,289.00</b>	<b>131,752.40</b>	<b>408,449.90</b>	<b>196,318.18</b>
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
23	<b>Other Charge Subtotal</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
23	<b>TOTAL</b>	<b>53,096.90</b>	<b>10,017.40</b>	<b>22,532.00</b>	<b>85,646.30</b>	<b>39,983.00</b>	<b>55,674.40</b>	<b>42,499.10</b>	<b>138,156.50</b>	<b>23,204.10</b>	<b>27,657.70</b>	<b>76,865.30</b>	<b>127,727.10</b>	<b>56,010.30</b>	<b>65,274.80</b>	<b>36,635.70</b>	<b>157,920.80</b>	<b>509,450.70</b>	<b>244,863.40</b>

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

**Monthly 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

**Monthly Average Schedule 17 Rate per MWh**

April '05 through December '08	\$ 0.07220
January '09 through December '09	\$ 0.09750
January '10 through December '10	\$ 0.09380
January '11 through June '11	\$ 0.09300
July '11 through July '12	\$ 0.09040
July '12 through June '13	\$ 0.08820
July '13 through June '14	\$ 0.07656
July '14 through June '15	\$ 0.07337
July '15 through June '16	\$ 0.07479
July '16 through June '17	\$ 0.07312
July '17 through June '18	\$ 0.08239
July '18 through December '19	\$ 0.08589
January '20 through December '20	\$ 0.08917
January '21 through December '21	\$ 0.08240
January '22 through December '22	\$ 0.08002
January '23 through December '23	\$ 0.08596
January '24 through December '24	\$ 0.08843

MN Capacity Auction Revenues 2024

	<u>Jan-24</u>	<u>Feb-24</u>	<u>Mar-24</u>	<u>Apr-24</u>	<u>May-24</u>	<u>Jun-24</u>	<u>Jul-24</u>	<u>Aug-24</u>	<u>Sep-24</u>	<u>Oct-24</u>	<u>Nov-24</u>	<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

	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	YTD
Avoided Market Purchases due to Hoot Lake Solar Output (Total System)	\$ 68,696.14	\$ 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)	46.44%	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 4 x 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.<sup>1</sup> 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.

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<sup>1</sup> 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
<b>Total 2024</b>	<b>\$150,072,724</b>	<b>\$106,702,537</b>

	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
<b>TOTAL 2024</b>	<b>\$150,072,724</b>	<b>\$106,702,537</b>

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)
Cumulative Over/Under through 2024 November Supplemental Projected Revenue	(\$9,929,116)
Small Scale Solar Credit	(\$2,423)
Projected Net 2024 Over/(Under) Collection	<b>(\$774,941)</b>

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 July through December rates included 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.



	<b>Refund of January to June 2023 Overcollection</b>	<b>Refund of Remaining 2023 Overcollection</b>	<b>Refund of January to April 2024 Overcollection</b>
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)
<b>Total 2024</b>	<b>(\$6,082,938)</b>	<b>(\$1,638,084)</b>	<b>(\$12,012,457)</b>

	<b>Recovery of Calendar Year 2023 True Up</b>	<b>Refund of January to April 2024 Overcollection</b>	<b>Refund of January to August 2024 Overcollection</b>
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)	
<b>TOTAL 2024</b>	<b>(\$1,638,084)</b>	<b>(\$12,012,457)</b>	<b>(\$6,082,938)</b>

**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.

## **Appendix A – Section 3**

### **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,**

**[PROTECTED DATA BEGINS . . .**

**...PROTECTED DATA ENDS]**

- 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**

**[PROTECTED DATA BEGINS . . .**

**. . . PROTECTED DATA ENDS]**

- 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.

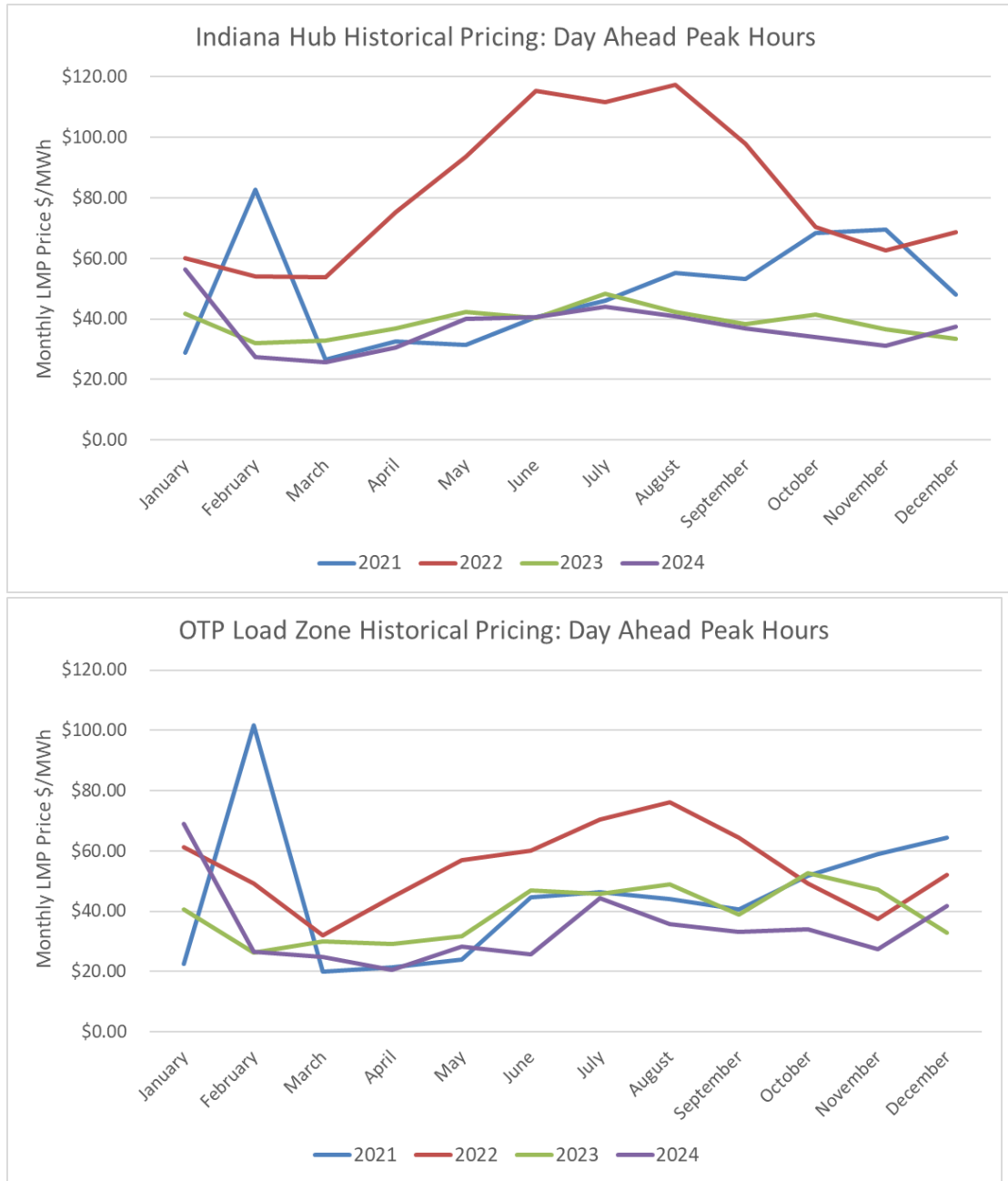
**7. C. Each utility shall prepare a summary of its AAA filing stating key factors affecting costs (including Revenue Sufficiency Guarantee costs and Revenue Neutrality Uplift costs) along with the FCA Forecast.**

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.

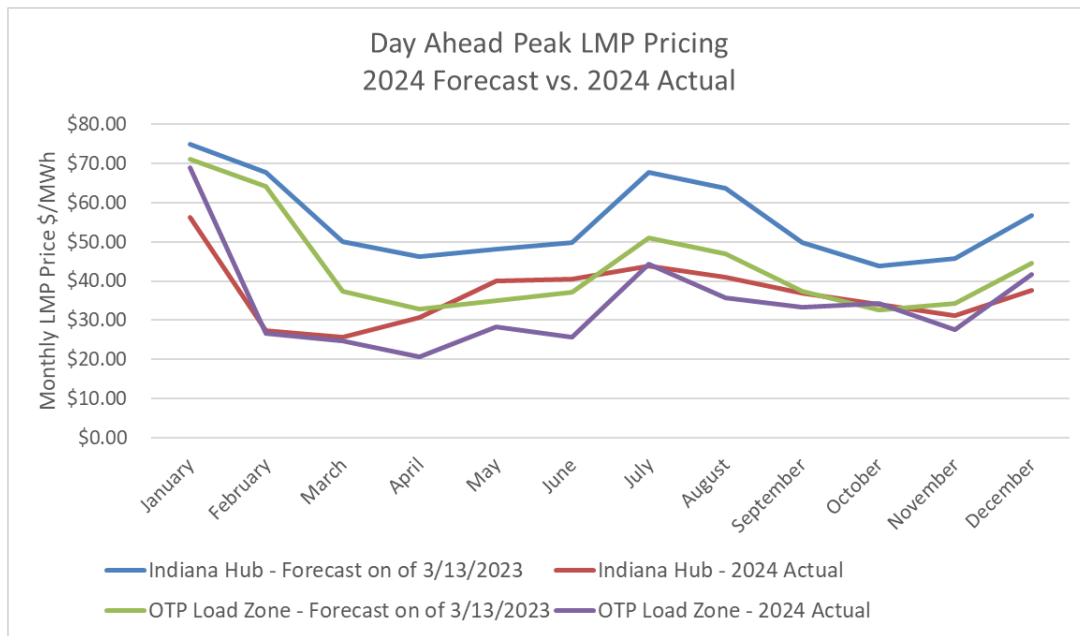


2024 Indiana Hub DA peak LMP pricing was approximately 45 percent of the 2022 LMP, the highest year in recent history, and 66 percent of the previous 3-year average LMP. Similarly, Otter Tail load zone LMP was approximately 63 percent of the 2022 LMP and 74 percent of the previous 3-year average LMP.

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.

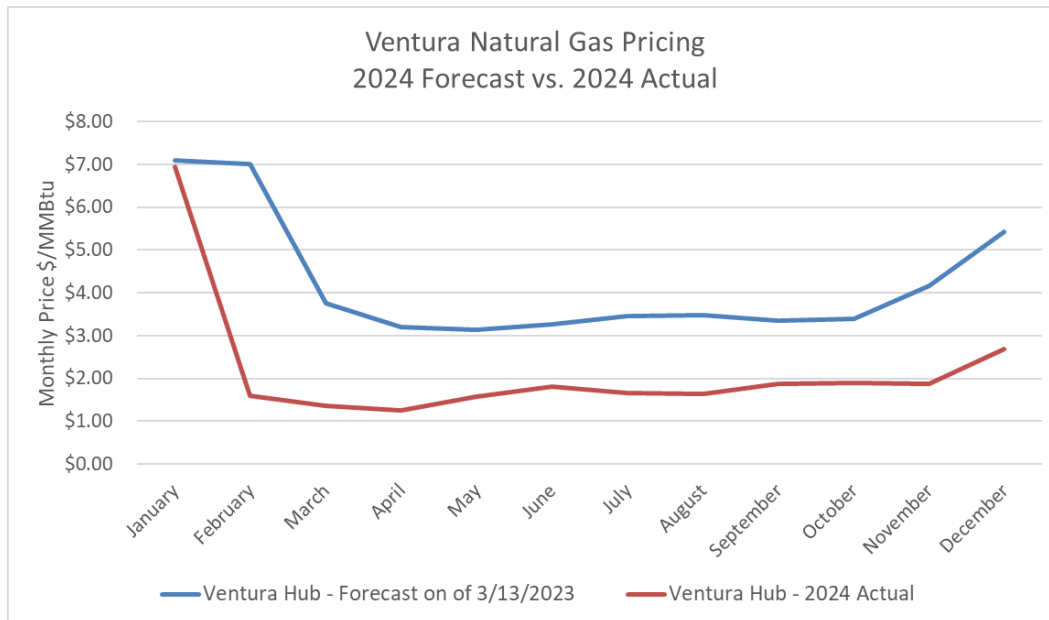
To develop a forecast for the Otter Tail Power load zone, Otter Tail utilizes the daily forward Indiana Hub price curves published by Intercontinental Exchange, Inc (ICE). Otter Tail analyzes historical pricing basis between the Indiana Hub and Otter Tail load zone, evaluates historical market conditions, 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 its 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

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.

**Appendix A – Section 4****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.

## Appendix A – Section 5

### 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

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.

## Appendix A – Section 6

### **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, and Trade Organizations) in **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;*

*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 to boiler issues, one due to air preheater, one due

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.

**Appendix A – Section 7**

**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 ARR’s if any a utility purchased, how much they paid, and what FTR revenues and costs were received to date for ARR’s purchases.

Otter Tail has no activity to report for this item.

## Appendix A – Section 8

### 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.

## Appendix A – Section 9

### **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.

## Appendix A – Section 10

### **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**

## 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.

*Deloitte & Touche 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.otpc.com](http://www.otpc.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@otpc.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@otpc.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	Service List Name
				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@mnuutilityinvestors.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@llojbwe.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	Lachowitz	blachowitz@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	kmains@wi.rr.com	KM Energy Consulting, LLC		961 N Lost Woods Rd Oconomowoc WI, 53066 United States	Electronic Service		No	23-181AA-23-181

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
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@otpc.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@otpc.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	mnratescase@otpc.com	Otter Tail		null null, null United States	Electronic Service		No	23-181AA-23-181
33	Generic Notice	Regulatory	regulatory_filing_coordinators@otpc.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@otpc.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@otpc.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